

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085526.D
 Acq On : 28 Jan 2025 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 00:33:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	203638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	333806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158323	48.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.320%
35) Dibromofluoromethane	8.159	113	118662	51.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.565	98	432537	52.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.140%
62) 4-Bromofluorobenzene	12.847	95	155870	55.379	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126280	45.800	ug/l	98
3) Chloromethane	2.359	50	130825	43.823	ug/l	99
4) Vinyl Chloride	2.512	62	135494	45.155	ug/l	98
5) Bromomethane	2.948	94	79311	43.757	ug/l	98
6) Chloroethane	3.118	64	89399	46.993	ug/l	100
7) Trichlorofluoromethane	3.495	101	218167	50.109	ug/l	99
8) Diethyl Ether	3.959	74	73428	48.819	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	125888	51.335	ug/l	99
10) Methyl Iodide	4.583	142	144081	51.306	ug/l	97
11) Tert butyl alcohol	5.518	59	110319	293.091	ug/l	100
12) 1,1-Dichloroethene	4.336	96	107139	49.022	ug/l	98
13) Acrolein	4.171	56	134509	261.783	ug/l	100
14) Allyl chloride	5.018	41	172649	48.683	ug/l	98
15) Acrylonitrile	5.712	53	312035	260.994	ug/l	99
16) Acetone	4.418	43	267575	251.929	ug/l	97
17) Carbon Disulfide	4.712	76	283263	42.095	ug/l	98
18) Methyl Acetate	5.018	43	174889	54.151	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	395014	55.663	ug/l	98
20) Methylene Chloride	5.277	84	131284	49.931	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	116065	49.692	ug/l	97
22) Diisopropyl ether	6.665	45	426926	54.237	ug/l	98
23) Vinyl Acetate	6.600	43	1520538	276.027	ug/l	99
24) 1,1-Dichloroethane	6.565	63	244849	51.014	ug/l	98
25) 2-Butanone	7.477	43	406723	260.223	ug/l	100
26) 2,2-Dichloropropane	7.483	77	223673	57.640	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	142501	51.799	ug/l	99
28) Bromochloromethane	7.812	49	101613	45.505	ug/l	98
29) Tetrahydrofuran	7.830	42	272222	274.712	ug/l	100
30) Chloroform	7.959	83	254209	51.246	ug/l	100
31) Cyclohexane	8.253	56	189607	45.451	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	225078	51.727	ug/l	98
36) 1,1-Dichloropropene	8.365	75	170755	52.537	ug/l	99
37) Ethyl Acetate	7.553	43	173618	52.923	ug/l	97
38) Carbon Tetrachloride	8.359	117	200977	54.013	ug/l	99
39) Methylcyclohexane	9.600	83	171154	56.039	ug/l	99
40) Benzene	8.600	78	525669	53.828	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	95095	55.717	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195201	53.072	ug/l	99
43) Isopropyl Acetate	8.683	43	287826	54.755	ug/l	100
44) Trichloroethene	9.347	130	119734	52.672	ug/l	95
45) 1,2-Dichloropropane	9.618	63	135814	54.447	ug/l	97
46) Dibromomethane	9.706	93	95715	53.179	ug/l	99
47) Bromodichloromethane	9.883	83	204517	55.774	ug/l	99
48) Methyl methacrylate	9.677	41	136479	57.693	ug/l	97
49) 1,4-Dioxane	9.688	88	40607	1019.345	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	892528	292.599	ug/l	100
52) Toluene	10.630	92	325356	57.499	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	204105	58.899	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	213245	57.610	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	125068	55.851	ug/l	98
56) Ethyl methacrylate	10.871	69	191924	50.844	ug/l	99
57) 1,3-Dichloropropane	11.159	76	219323	56.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	426978	300.465	ug/l	99
59) 2-Hexanone	11.194	43	643969	300.034	ug/l	99
60) Dibromochloromethane	11.359	129	153599	56.815	ug/l	99
61) 1,2-Dibromoethane	11.465	107	122098	54.776	ug/l	97
64) Tetrachloroethene	11.100	164	109264	52.974	ug/l	98
65) Chlorobenzene	11.888	112	354308	53.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	130012	53.447	ug/l	99
67) Ethyl Benzene	11.959	91	621051	57.531	ug/l	99
68) m/p-Xylenes	12.065	106	475266	119.124	ug/l	99
69) o-Xylene	12.394	106	223578	58.639	ug/l	100
70) Styrene	12.406	104	387081	61.343	ug/l	99
71) Bromoform	12.576	173	101032	58.046	ug/l #	99
73) Isopropylbenzene	12.694	105	581759	55.357	ug/l	100
74) N-amyl acetate	12.494	43	249973	52.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	182235	49.089	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	147100m	46.478	ug/l	
77) Bromobenzene	12.976	156	138788	50.547	ug/l	99
78) n-propylbenzene	13.035	91	701218	56.362	ug/l	100
79) 2-Chlorotoluene	13.123	91	424851	52.764	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	494666	56.984	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	63601	54.370	ug/l	92
82) 4-Chlorotoluene	13.218	91	432608	53.960	ug/l	98
83) tert-Butylbenzene	13.435	119	405613	55.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	501298	57.941	ug/l	100
85) sec-Butylbenzene	13.612	105	580942	57.499	ug/l	100
86) p-Isopropyltoluene	13.729	119	491281	53.532	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	264631	52.335	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	264719	50.507	ug/l	98
89) n-Butylbenzene	14.053	91	420498	58.013	ug/l	99
90) Hexachloroethane	14.329	117	97383	50.630	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	255916	50.739	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34993	51.620	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	127164	54.246	ug/l	100
94) Hexachlorobutadiene	15.500	225	63906	51.348	ug/l	99
95) Naphthalene	15.641	128	367063	52.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	121516	51.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

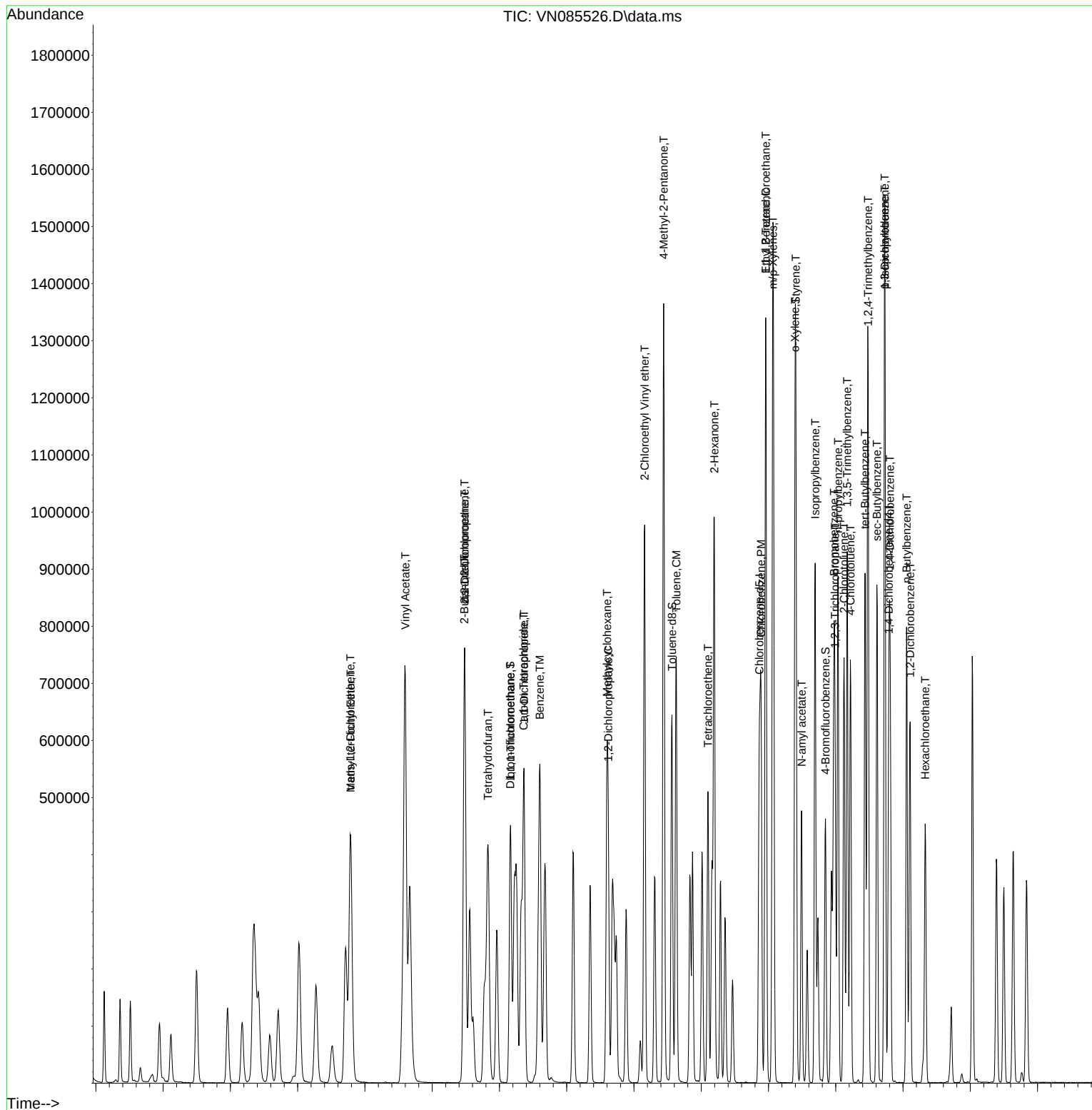
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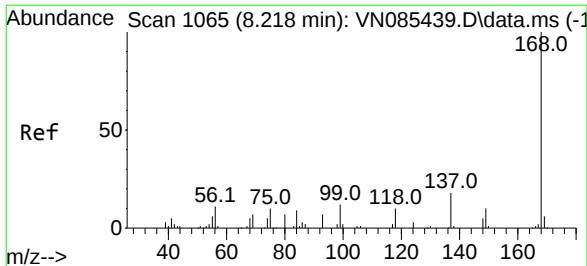
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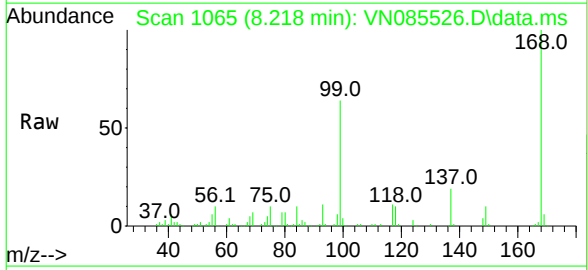
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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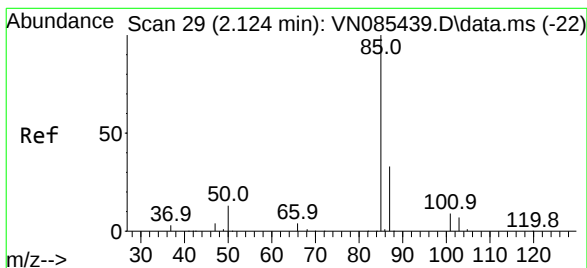
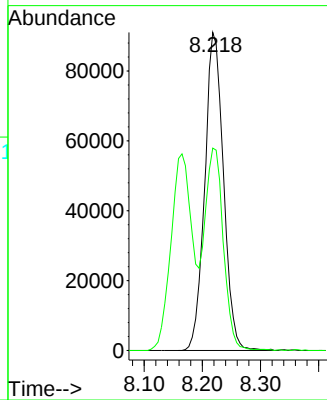
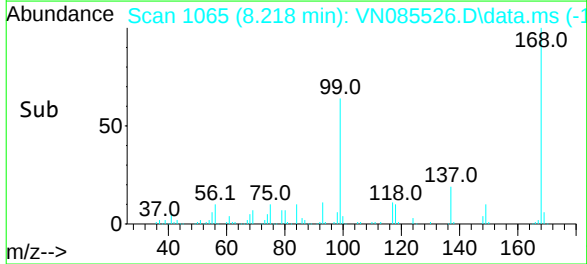
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 203638
Ion Ratio Lower Upper
168 100
99 63.5 53.6 80.4

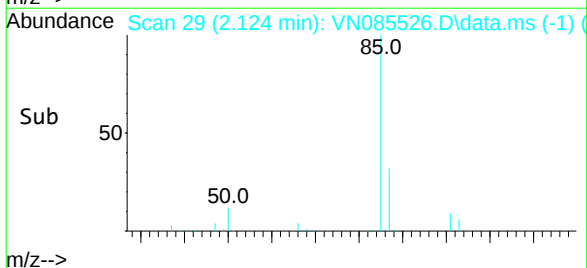
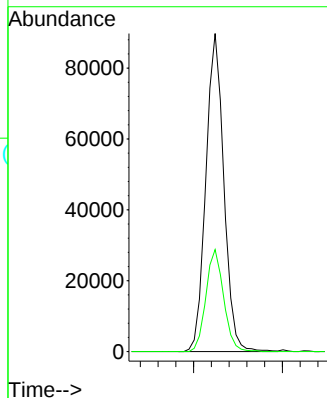
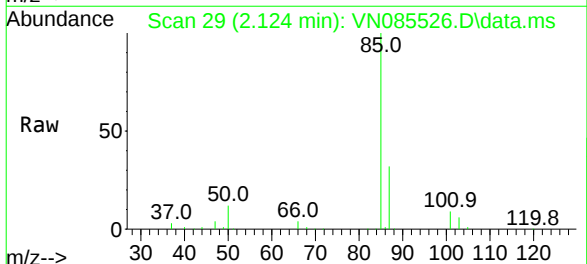
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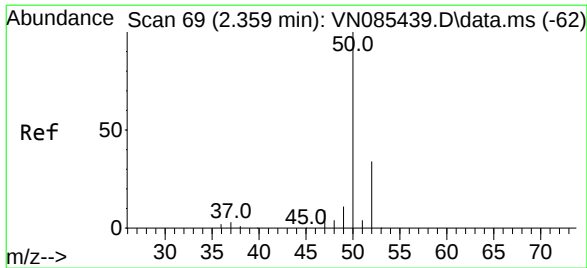
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#2
Dichlorodifluoromethane
Concen: 45.800 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 85 Resp: 126280
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





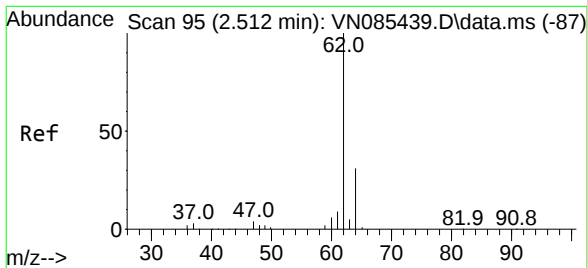
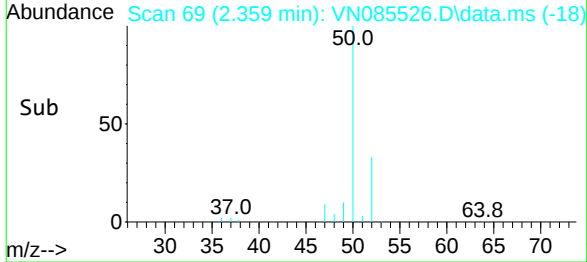
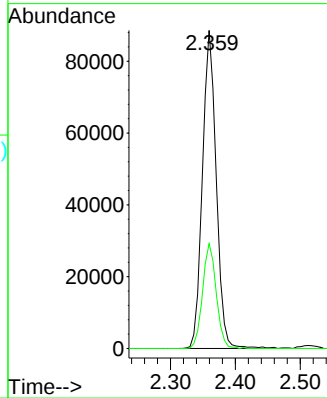
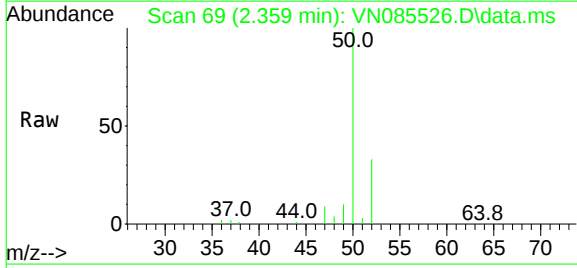
#3
Chloromethane
Concen: 43.823 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085526.D
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Tgt Ion: 50 Resp: 130825
Ion Ratio Lower Upper
50 100
52 33.0 27.0 40.6

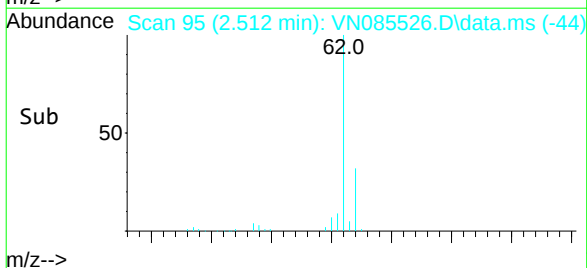
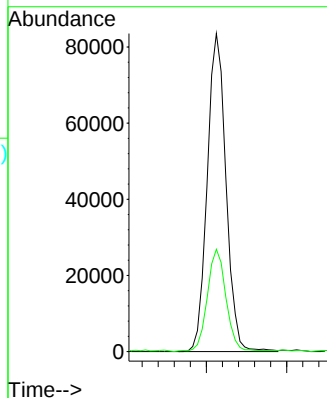
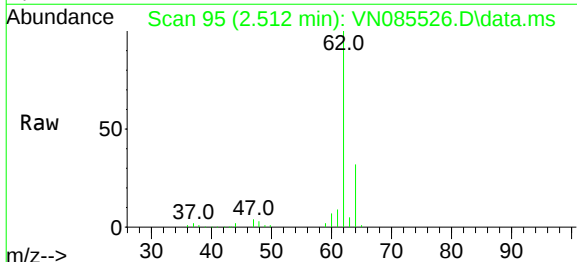
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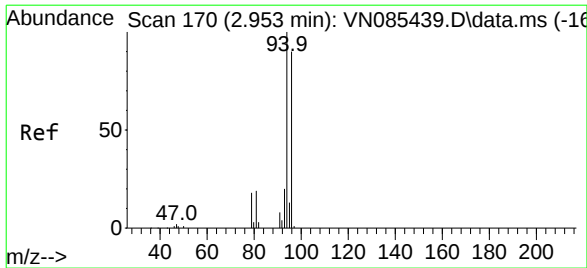
Reviewed By :John Carlone 01/29/2025
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#4
Vinyl Chloride
Concen: 45.155 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085526.D
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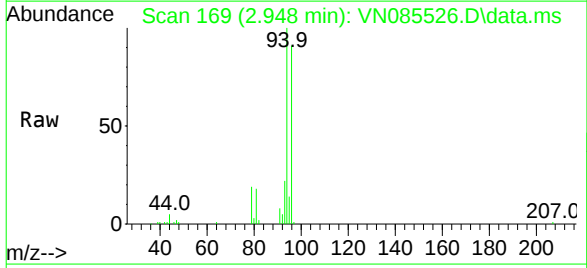
Tgt Ion: 62 Resp: 135494
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2





#5
Bromomethane
Concen: 43.757 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN085526.D
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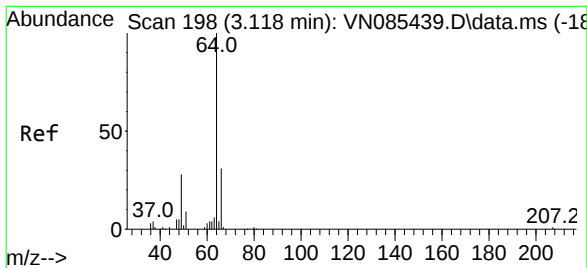
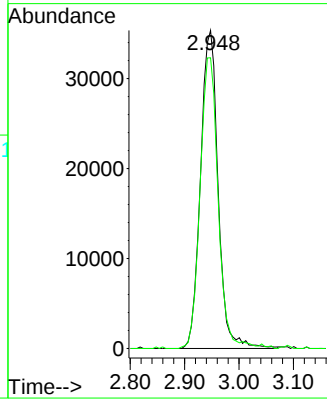
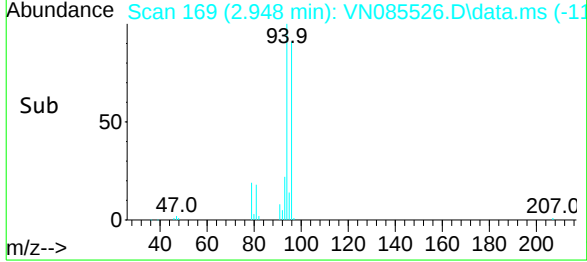
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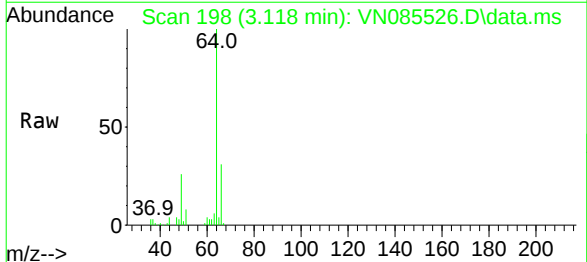
Tgt Ion: 94 Resp: 79311
Ion Ratio Lower Upper
94 100
96 91.4 71.8 107.6

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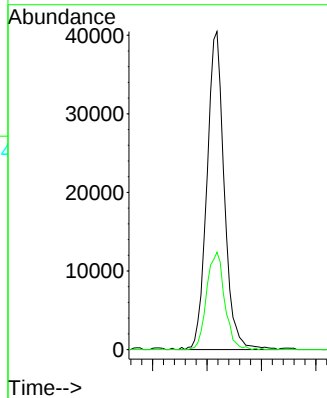
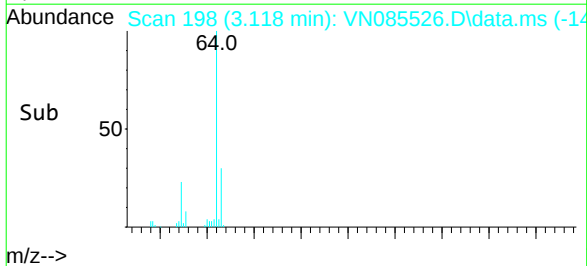
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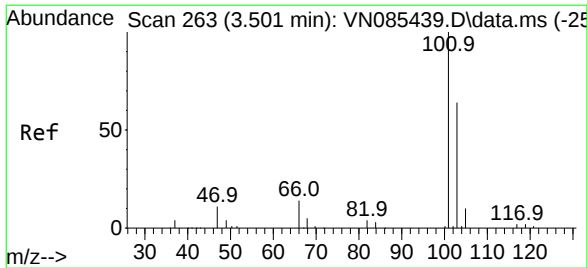


#6
Chloroethane
Concen: 46.993 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



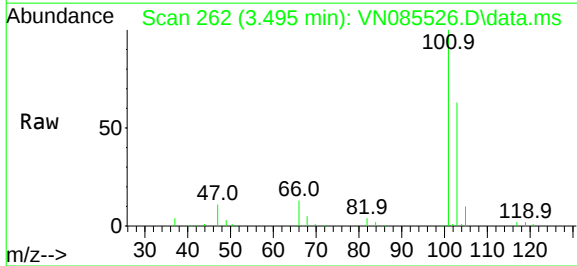
Tgt Ion: 64 Resp: 89399
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 50.109 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

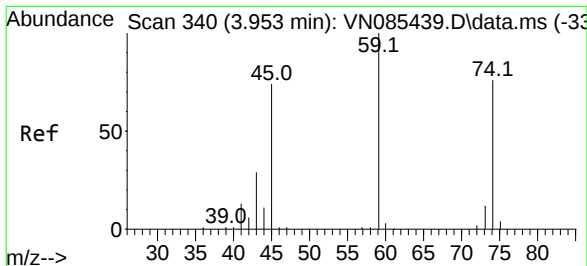
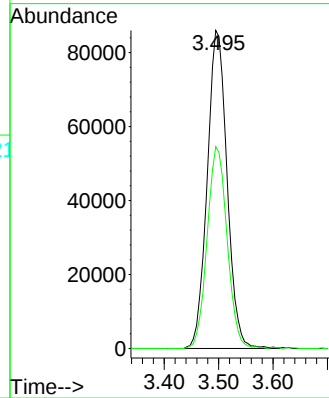
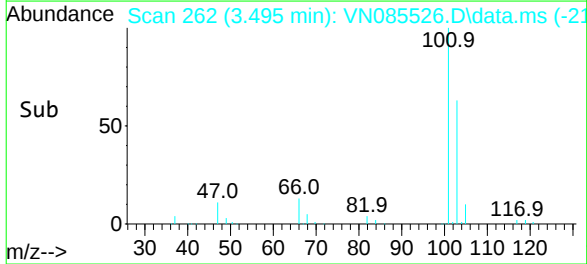
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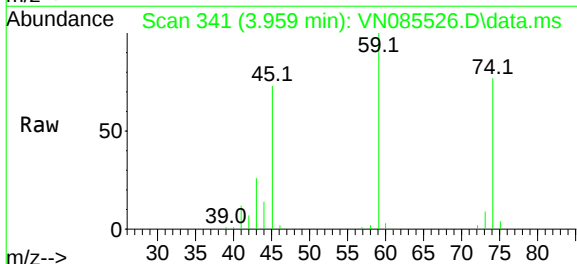
Tgt Ion:101 Resp: 218167
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

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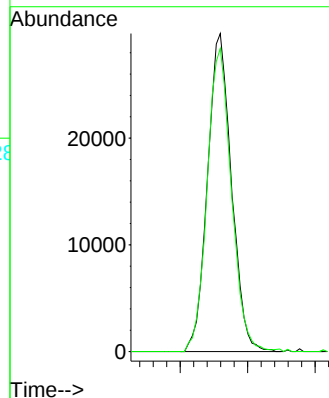
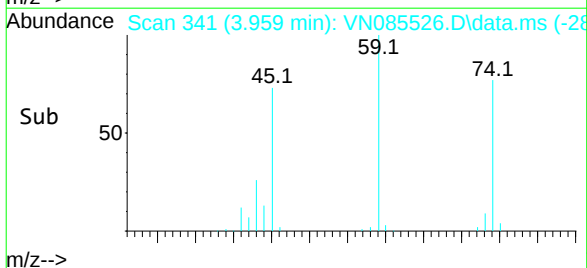
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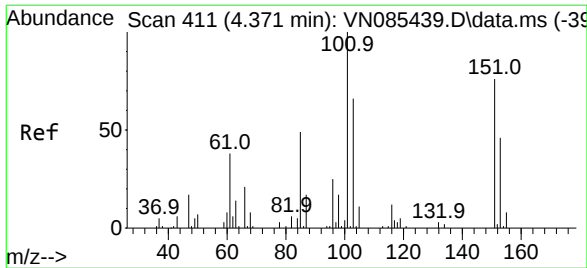


#8
 Diethyl Ether
 Concen: 48.819 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53



Tgt Ion: 74 Resp: 73428
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.7 149.1





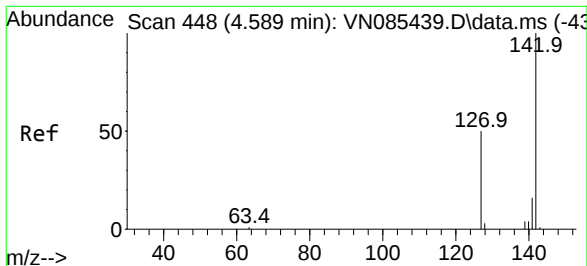
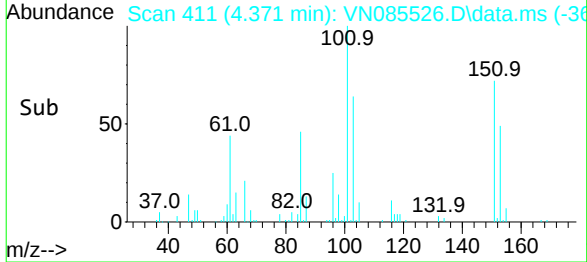
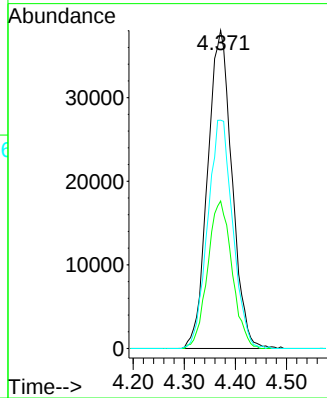
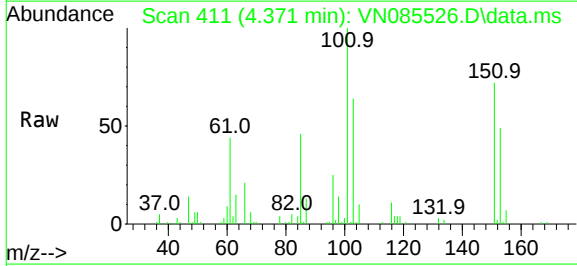
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.335 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 125888
Ion Ratio Lower Upper
101 100
85 46.4 37.8 56.8
151 73.8 58.8 88.2

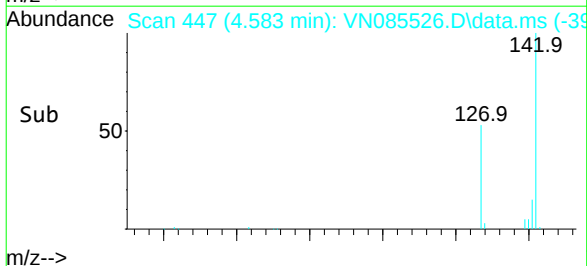
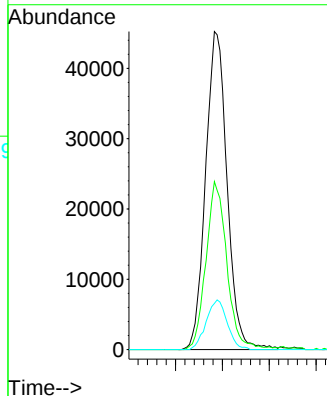
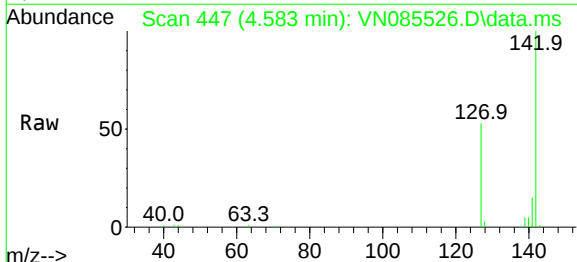
Manual Integrations
APPROVED

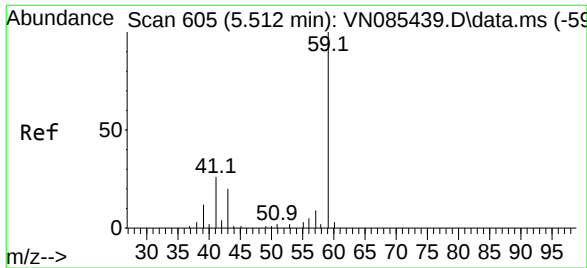
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#10
Methyl Iodide
Concen: 51.306 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:142 Resp: 144081
Ion Ratio Lower Upper
142 100
127 52.8 40.3 60.5
141 14.5 12.8 19.2





#11

Tert butyl alcohol

Concen: 293.091 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 110319

Ion Ratio Lower Upper

59 100

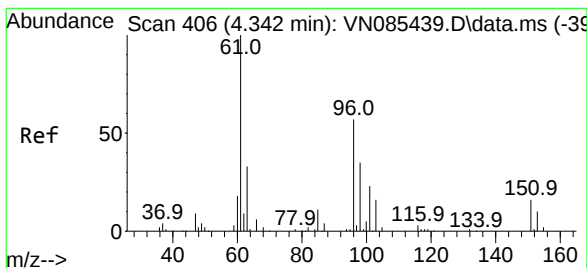
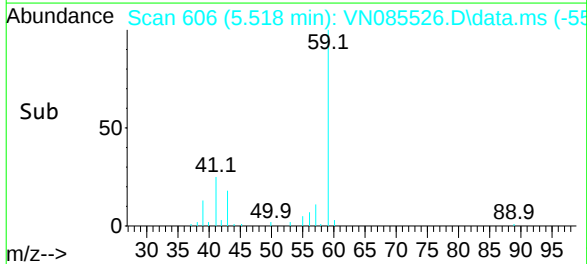
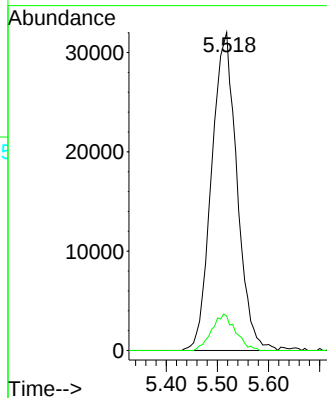
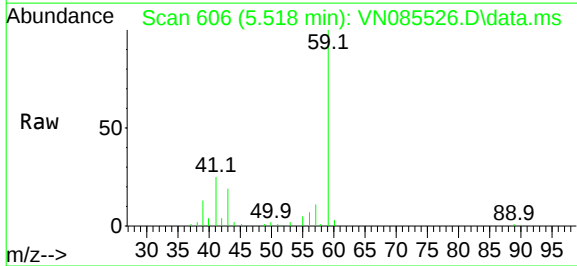
57 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#12

1,1-Dichloroethene

Concen: 49.022 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

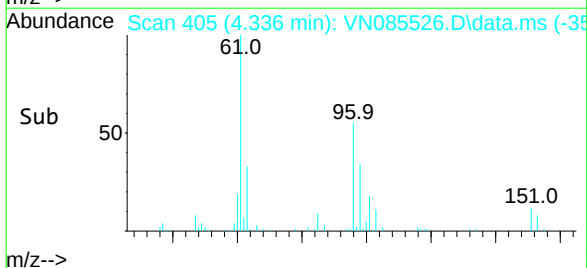
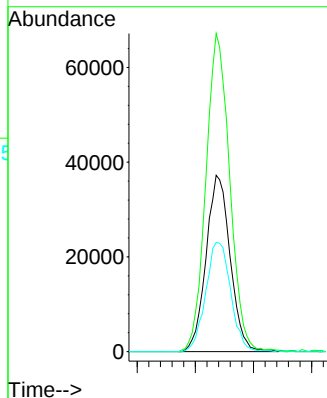
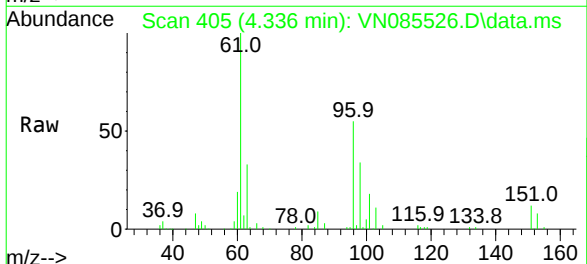
Tgt Ion: 96 Resp: 107139

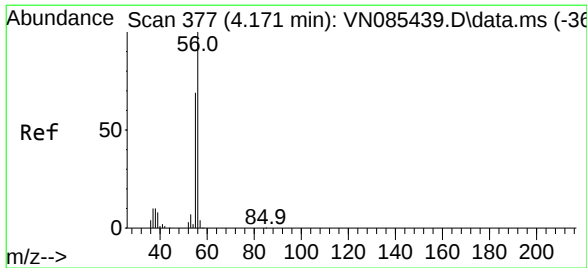
Ion Ratio Lower Upper

96 100

61 180.3 141.0 211.4

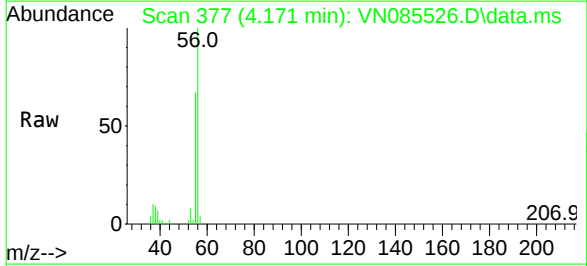
98 61.9 49.0 73.6





#13
Acrolein
Concen: 261.783 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

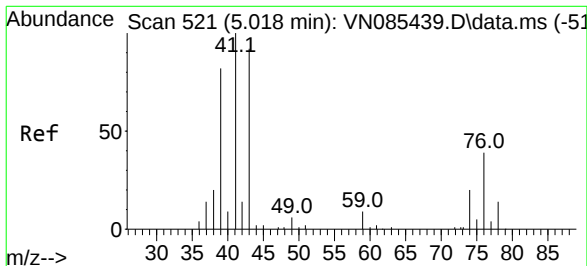
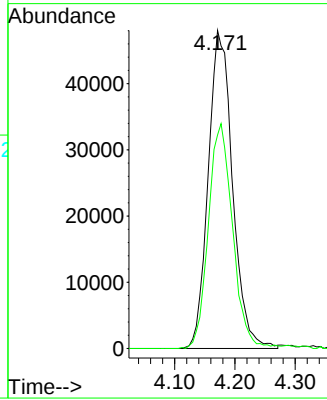
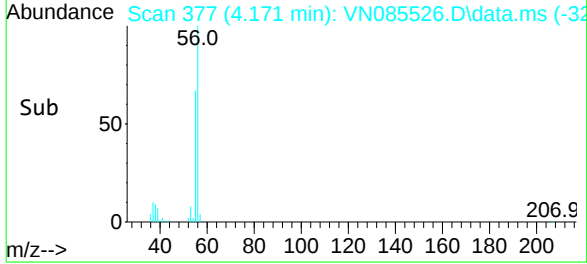
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



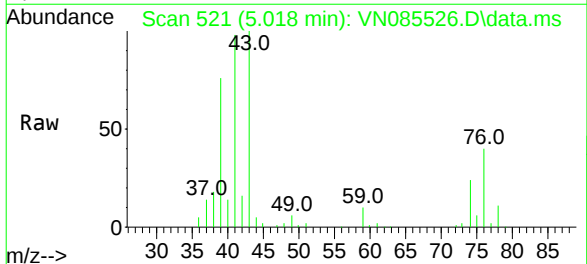
Tgt Ion: 56 Resp: 134509
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5

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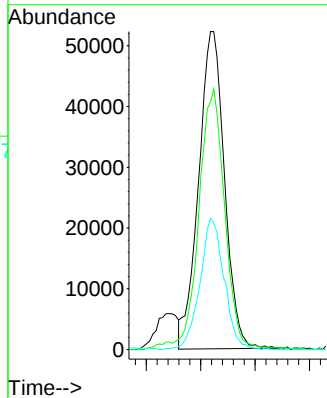
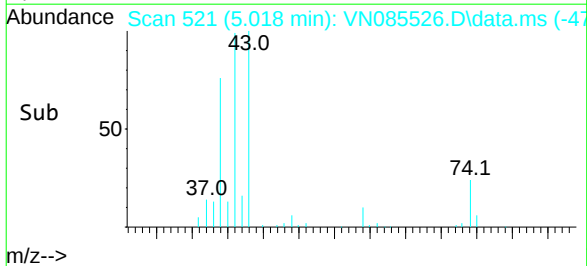
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

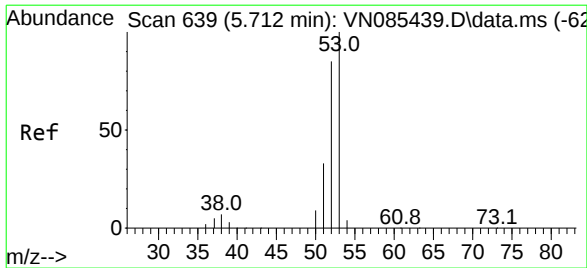


#14
Allyl chloride
Concen: 48.683 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



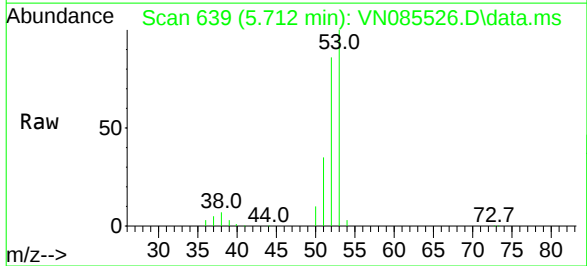
Tgt Ion: 41 Resp: 172649
Ion Ratio Lower Upper
41 100
39 82.7 64.4 96.6
76 38.6 30.5 45.7





#15
Acrylonitrile
Concen: 260.994 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

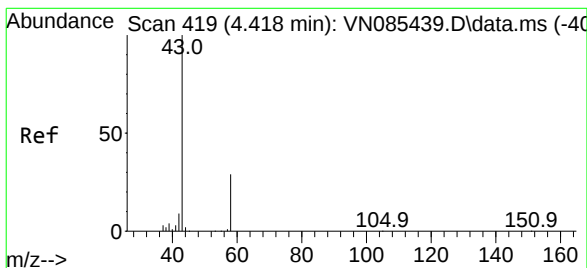
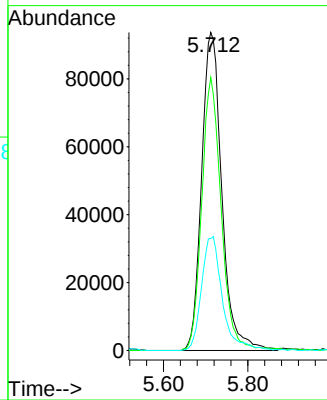
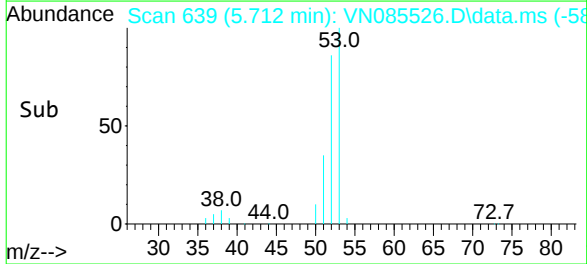
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 312035
Ion Ratio Lower Upper
53 100
52 82.4 65.5 98.3
51 36.9 29.8 44.8

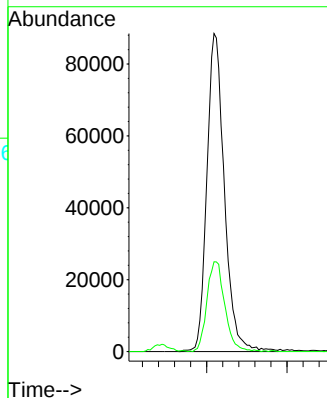
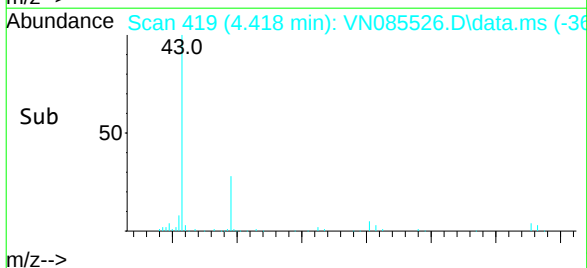
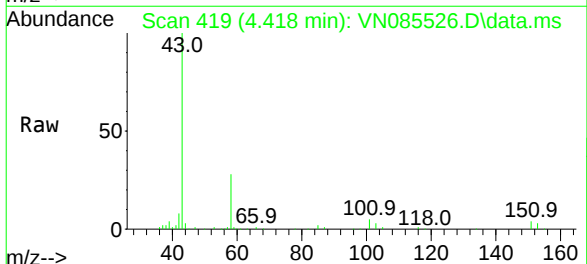
Manual Integrations
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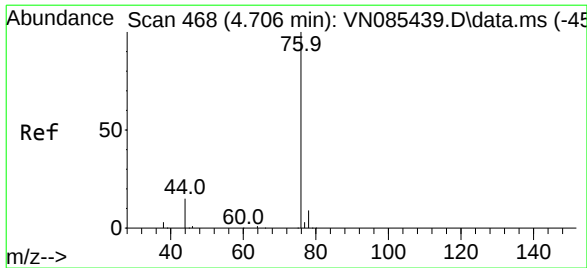
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#16
Acetone
Concen: 251.929 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

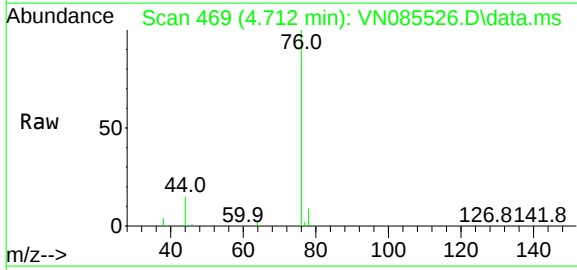
Tgt Ion: 43 Resp: 267575
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.6





#17
Carbon Disulfide
Concen: 42.095 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

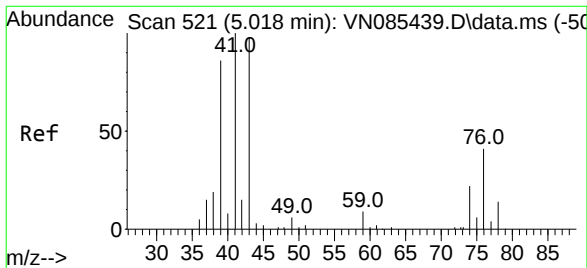
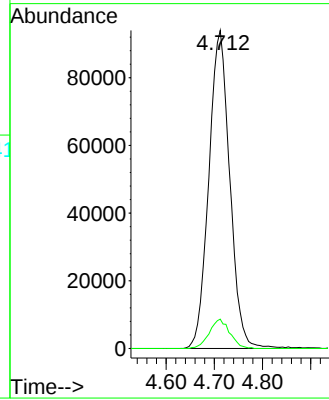
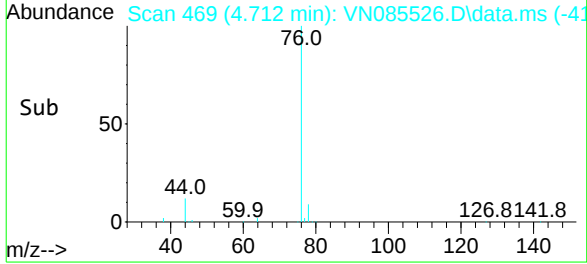
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 283263
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

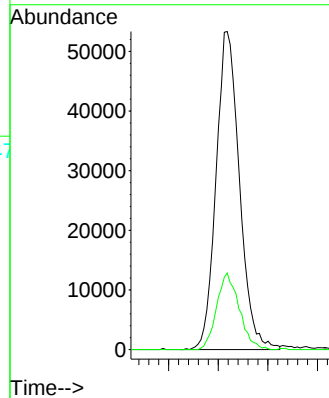
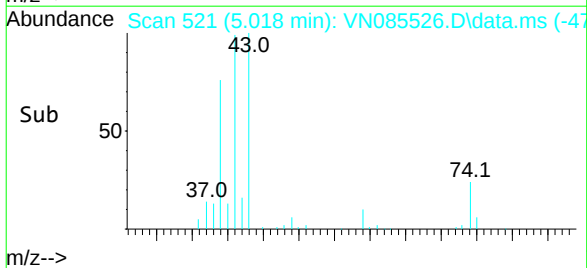
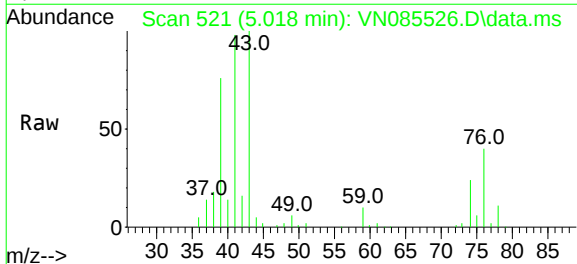
Manual Integrations
APPROVED

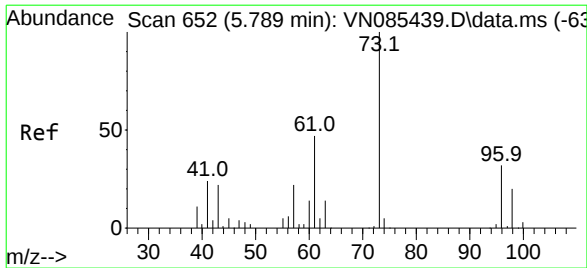
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#18
Methyl Acetate
Concen: 54.151 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 43 Resp: 174889
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 55.663 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 395014

Ion Ratio Lower Upper

73 100

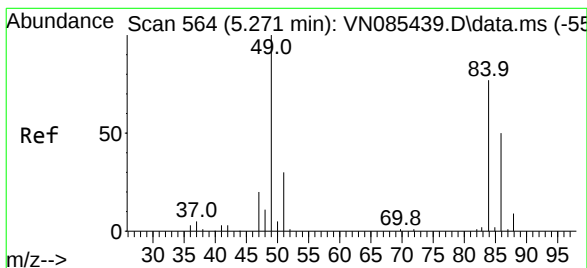
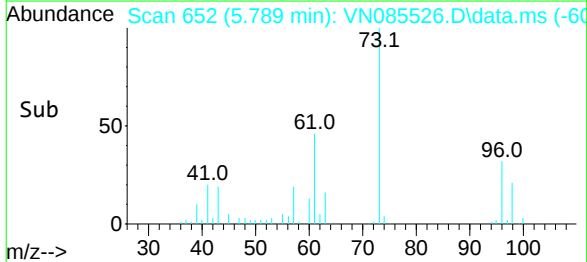
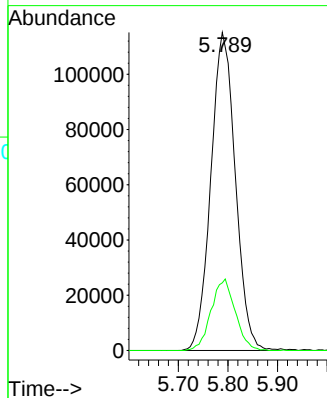
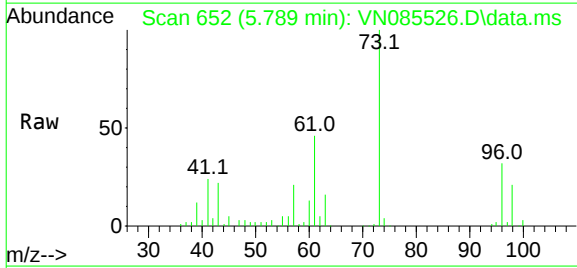
57 21.3 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#20

Methylene Chloride

Concen: 49.931 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Tgt Ion: 84 Resp: 131284

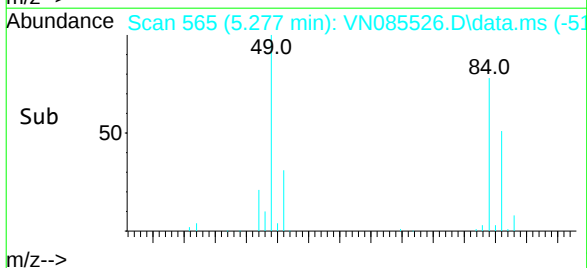
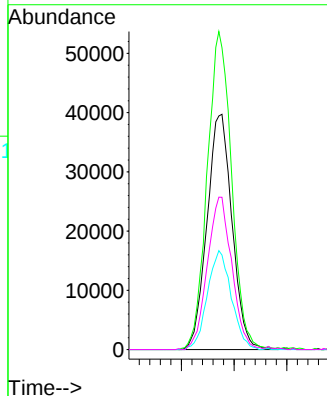
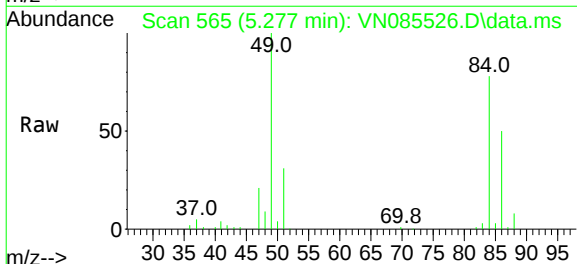
Ion Ratio Lower Upper

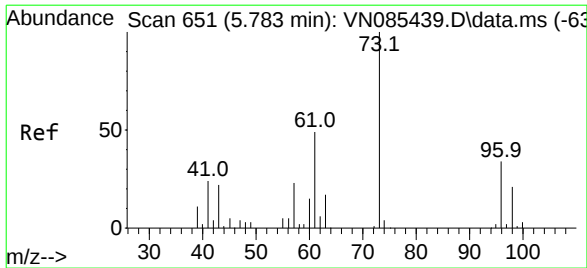
84 100

49 128.3 104.1 156.1

51 40.2 31.0 46.4

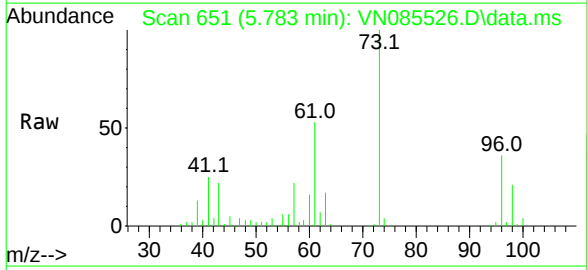
86 64.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 49.692 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

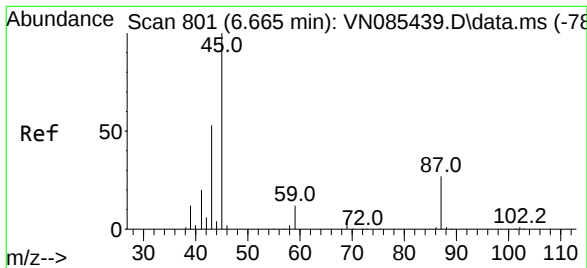
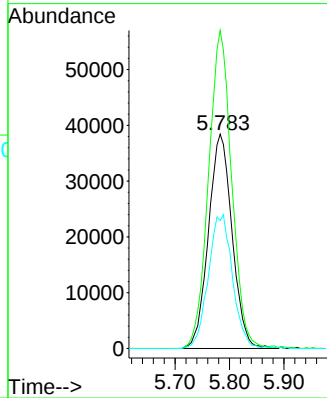
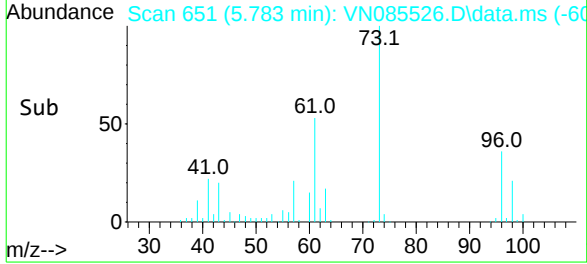
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



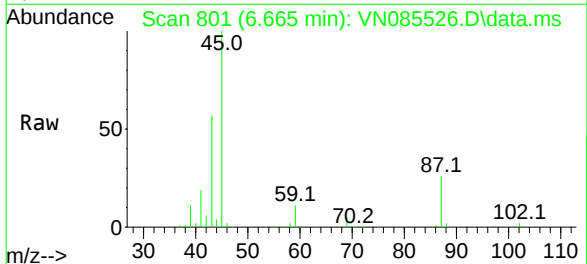
Tgt Ion: 96 Resp: 116065
Ion Ratio Lower Upper
96 100
61 148.4 115.7 173.5
98 59.7 49.8 74.8

Manual Integrations
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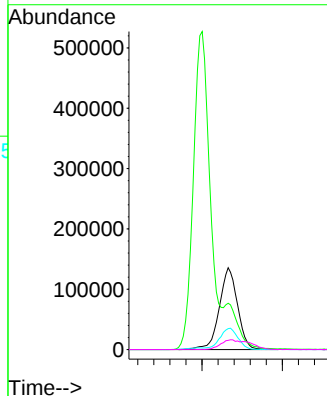
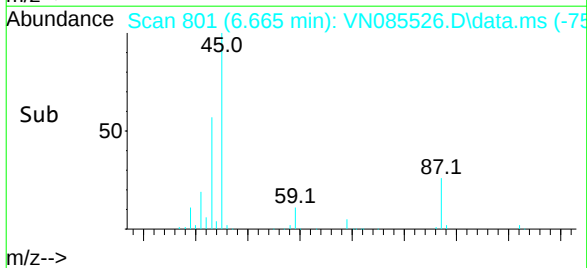
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

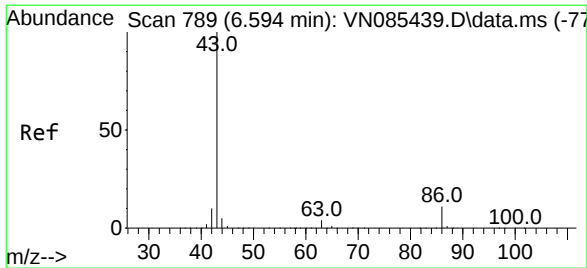


#22
Diisopropyl ether
Concen: 54.237 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



Tgt Ion: 45 Resp: 426926
Ion Ratio Lower Upper
45 100
43 55.8 45.0 67.6
87 25.6 21.8 32.8
59 11.3 10.2 15.2





#23

Vinyl Acetate

Concen: 276.027 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1520538

Ion Ratio Lower Upper

43 100

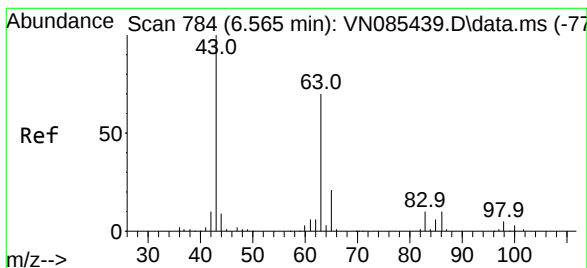
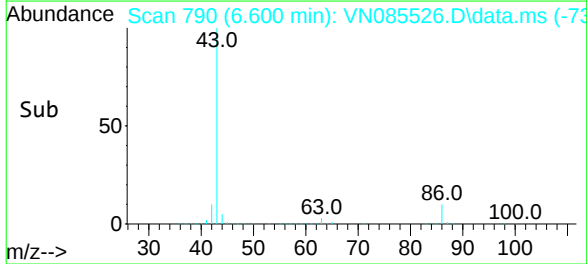
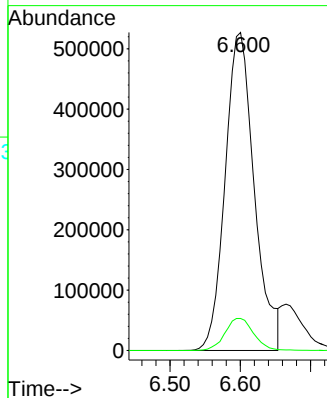
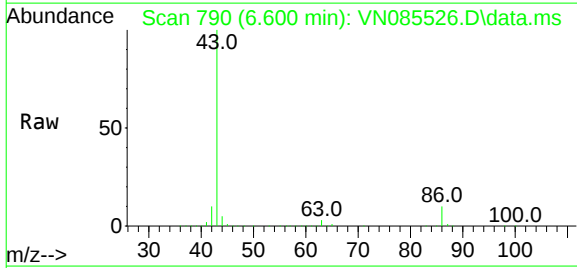
86 10.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#24

1,1-Dichloroethane

Concen: 51.014 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

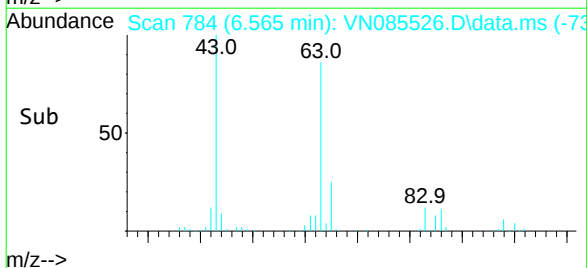
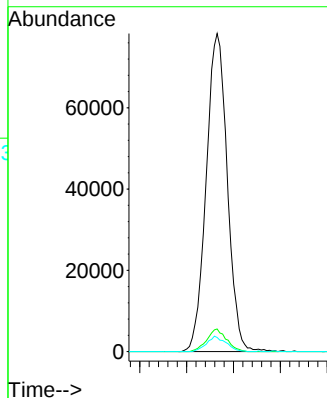
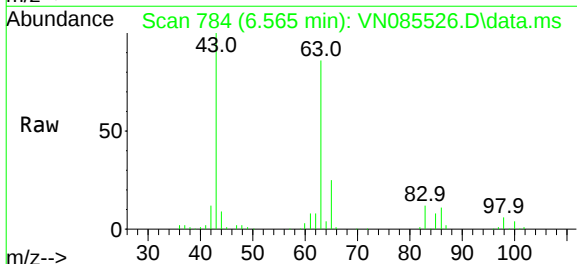
Tgt Ion: 63 Resp: 244849

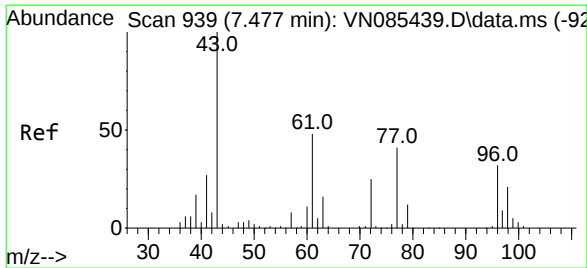
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.4 2.0 6.0





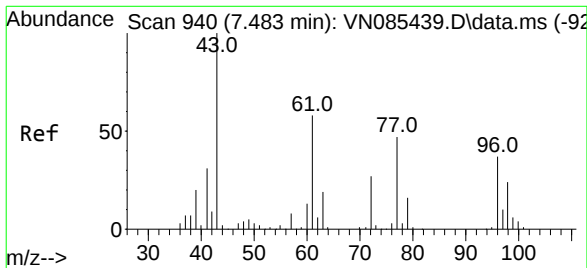
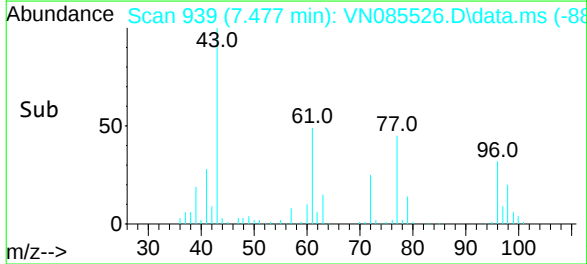
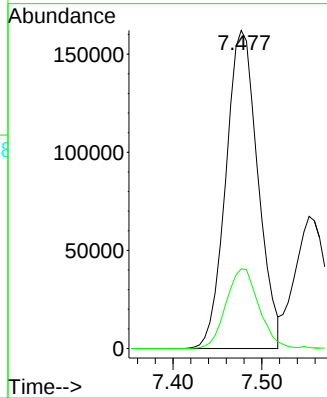
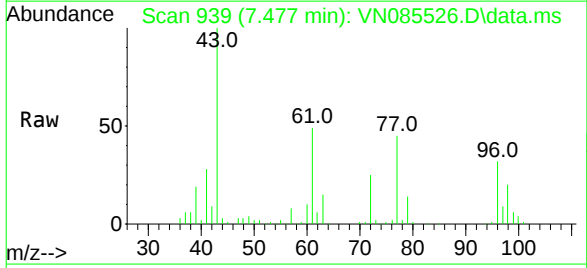
#25
2-Butanone
Concen: 260.223 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 406723
Ion Ratio Lower Upper
43 100
72 25.0 20.2 30.4

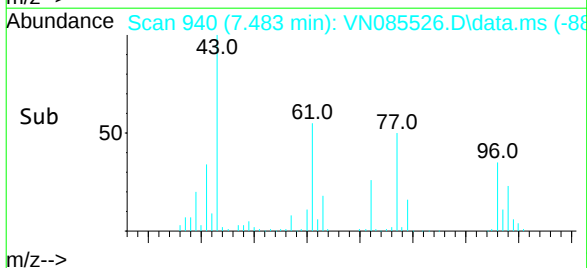
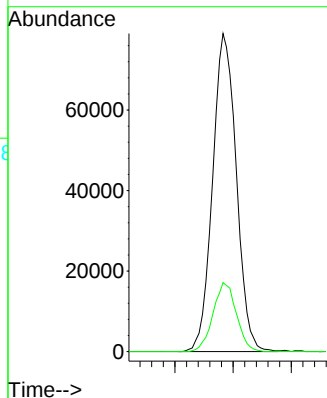
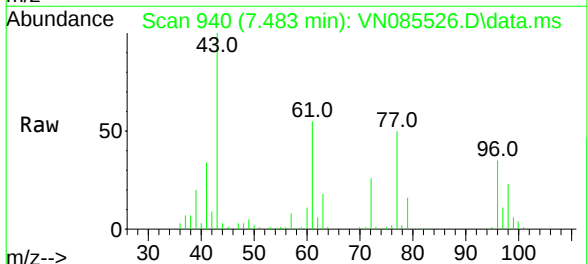
Manual Integrations
APPROVED

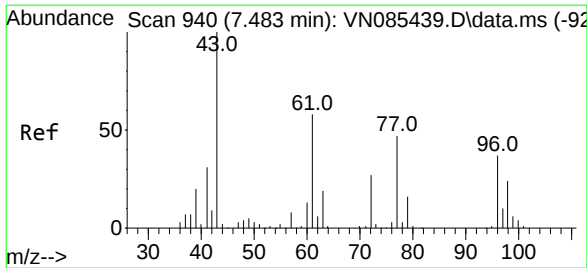
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#26
2,2-Dichloropropane
Concen: 57.640 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

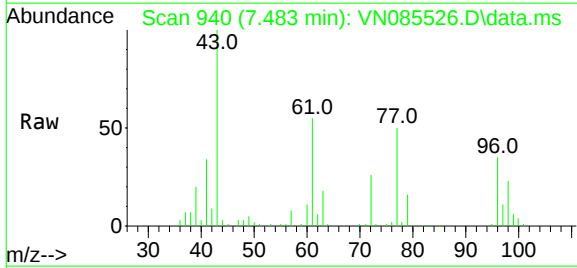
Tgt Ion: 77 Resp: 223673
Ion Ratio Lower Upper
77 100
97 21.3 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.799 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

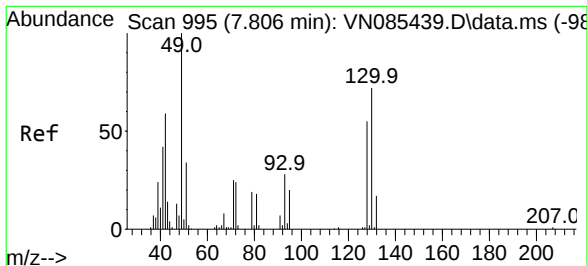
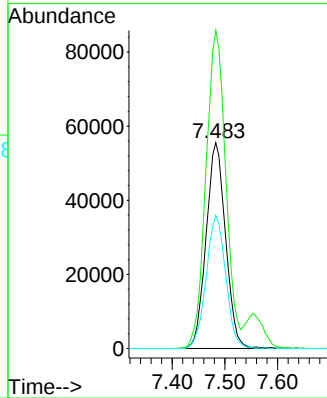
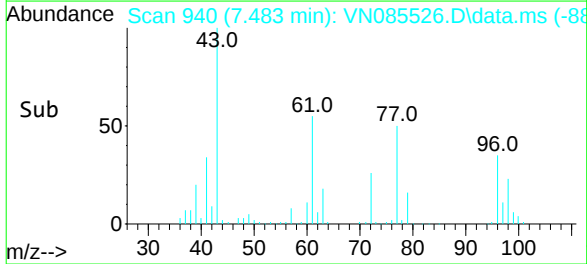
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 142501
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 311.8
 98 64.9 0.0 126.0

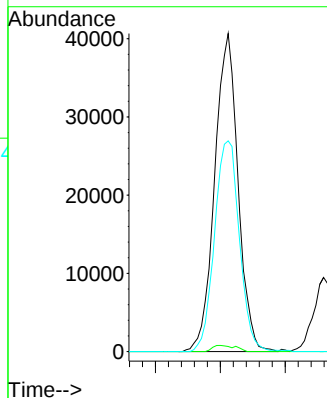
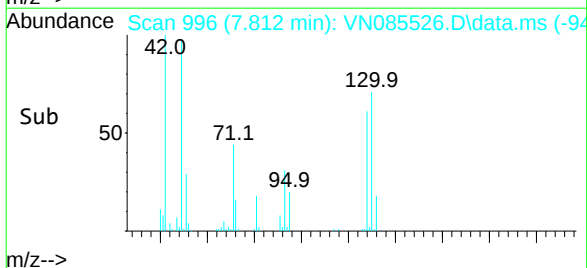
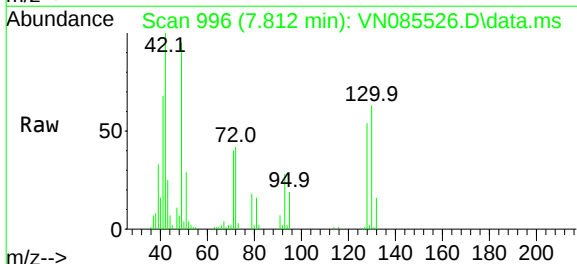
Manual Integrations
 APPROVED

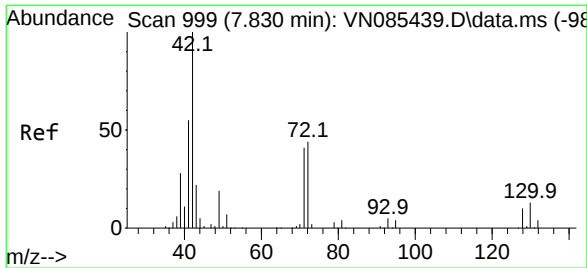
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#28
 Bromochloromethane
 Concen: 45.505 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

Tgt Ion: 49 Resp: 101613
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 70.7 55.0 82.4





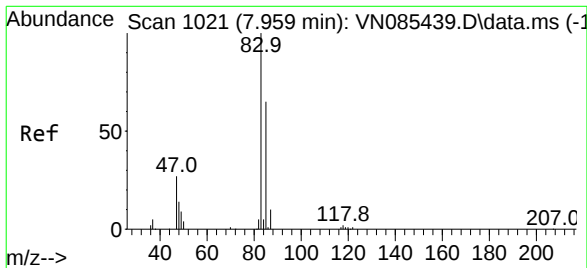
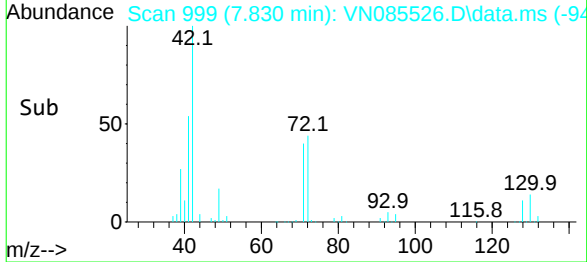
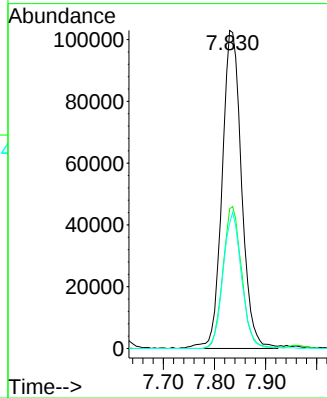
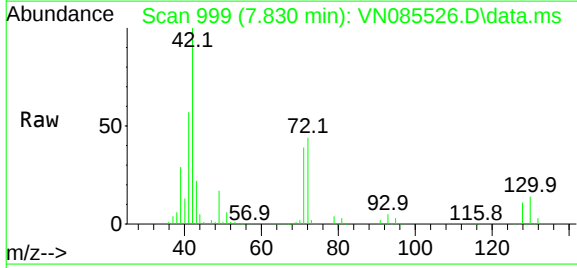
#29
Tetrahydrofuran
Concen: 274.712 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 272222
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.2
71 40.6 32.5 48.7

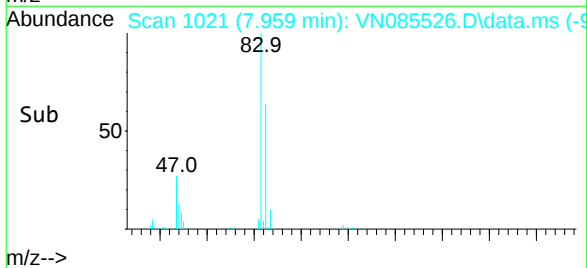
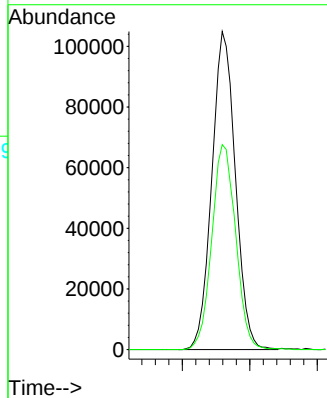
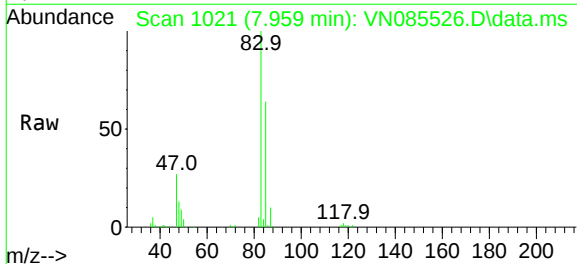
Manual Integrations
APPROVED

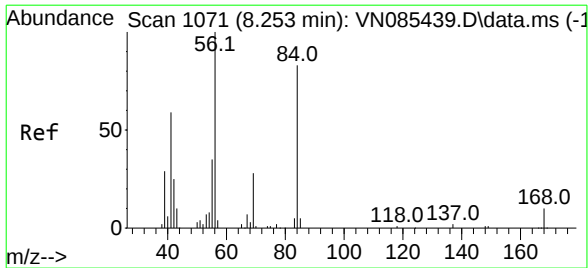
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#30
Chloroform
Concen: 51.246 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 83 Resp: 254209
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6





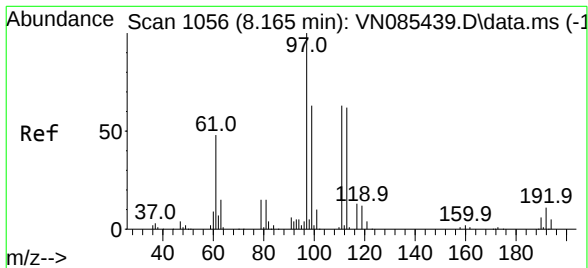
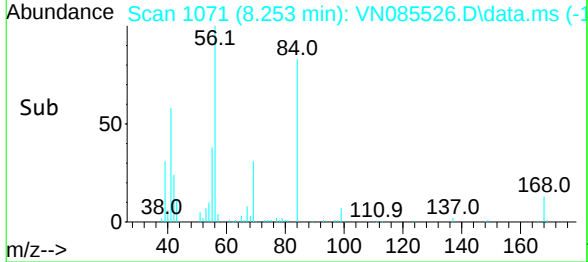
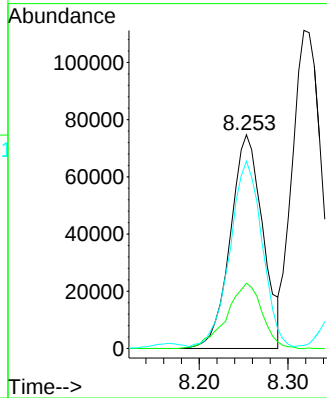
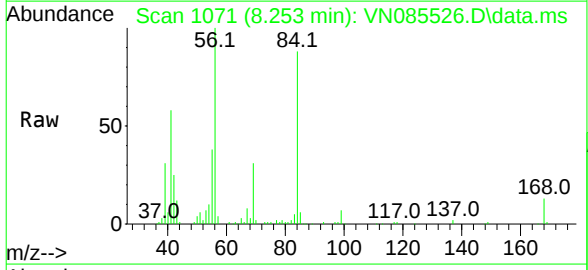
#31
Cyclohexane
Concen: 45.451 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 189607
Ion Ratio Lower Upper
56 100
69 30.2 22.2 33.4
84 85.8 66.4 99.6

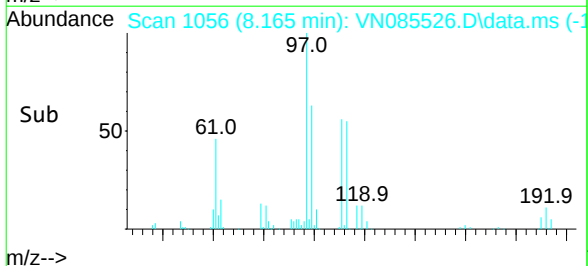
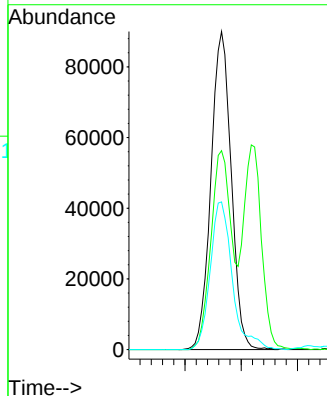
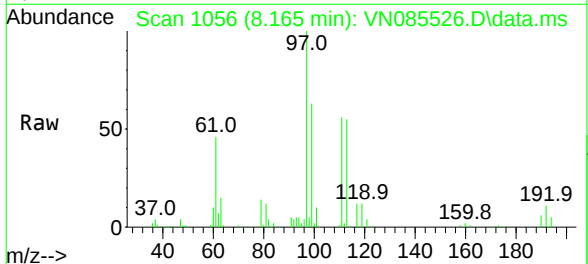
Manual Integrations
APPROVED

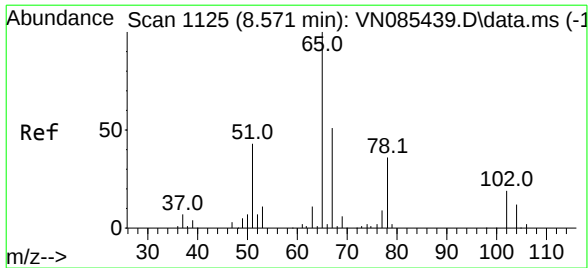
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#32
1,1,1-Trichloroethane
Concen: 51.727 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 97 Resp: 225078
Ion Ratio Lower Upper
97 100
99 64.9 49.8 74.6
61 50.9 41.4 62.2





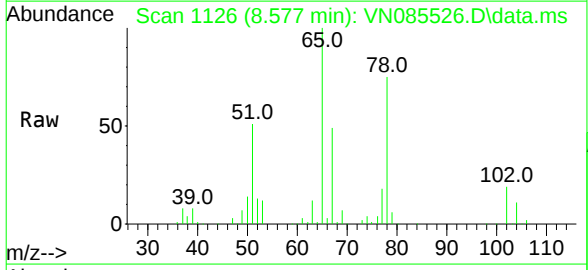
#33
 1,2-Dichloroethane-d4
 Concen: 48.164 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

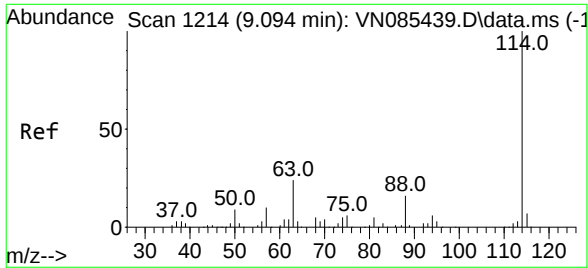
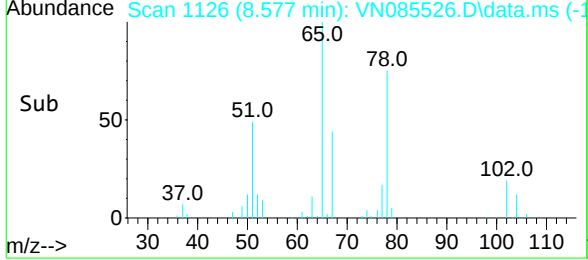
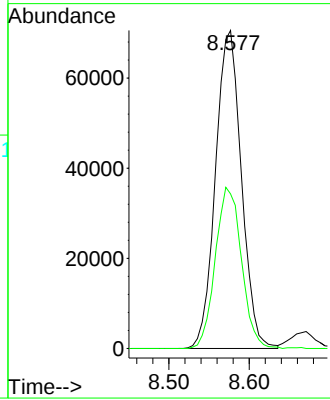


Tgt Ion: 65 Resp: 158323
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6

Manual Integrations

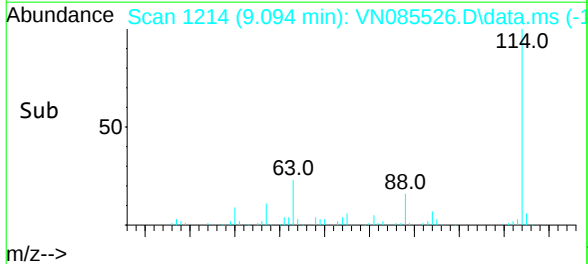
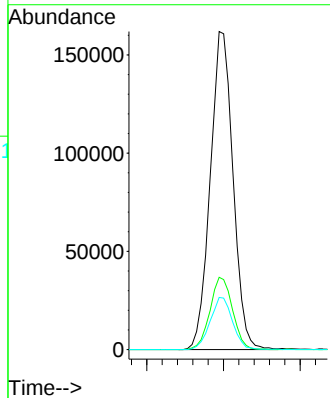
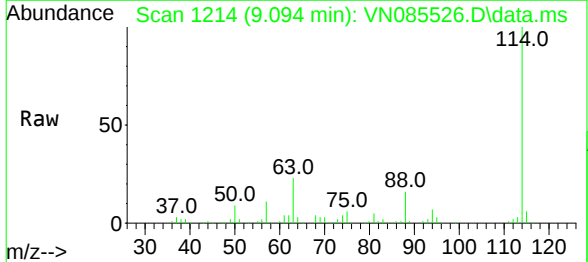
APPROVED

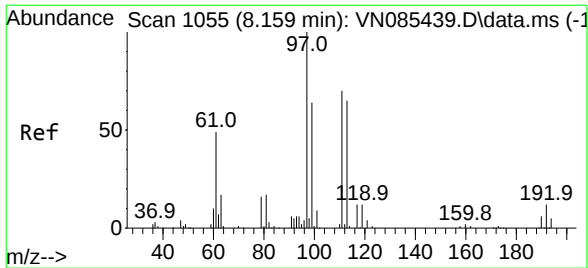
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

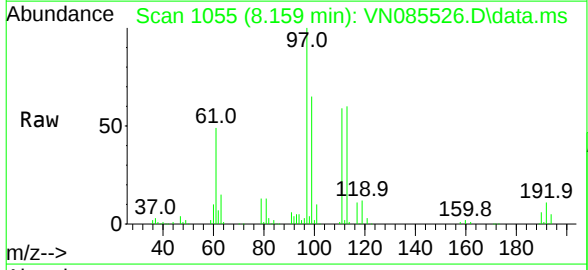
Tgt Ion:114 Resp: 333806
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.6
 88 16.4 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 51.240 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

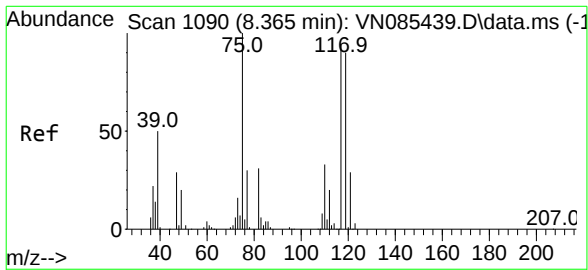
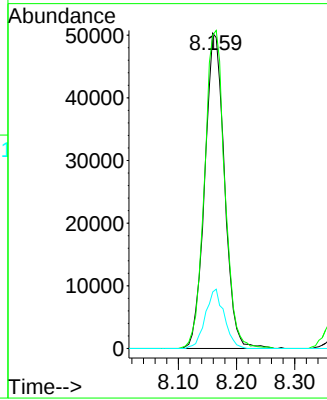
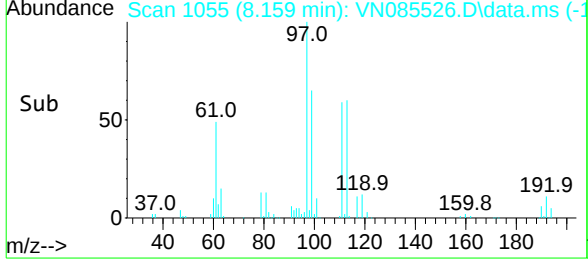
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion	113	Resp	118662
Ion Ratio	100	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	18.0	14.3	21.5

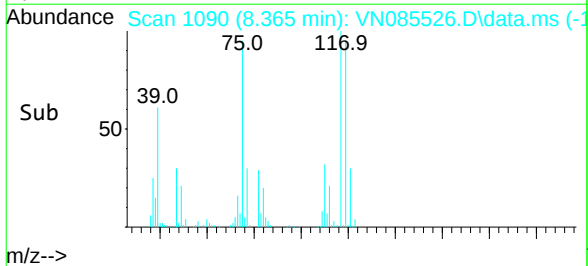
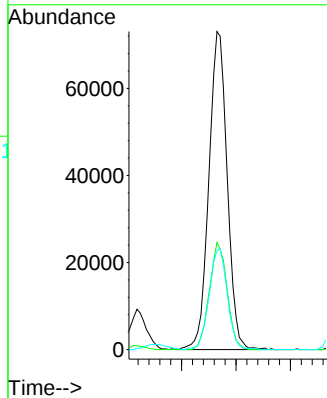
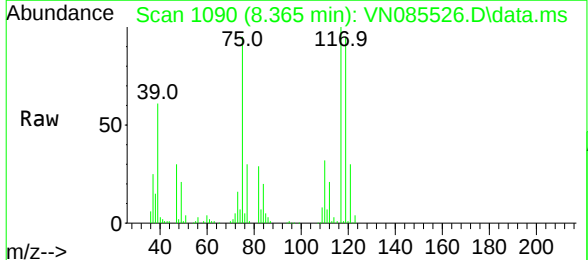
Manual Integrations
 APPROVED

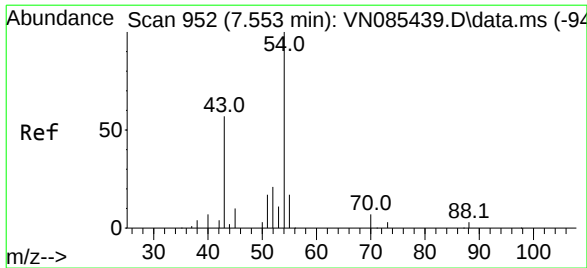
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#36
 1,1-Dichloropropene
 Concen: 52.537 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

Tgt Ion	75	Resp	170755
Ion Ratio	100	Lower	Upper
75	100		
110	32.6	16.5	49.5
77	31.6	24.4	36.6





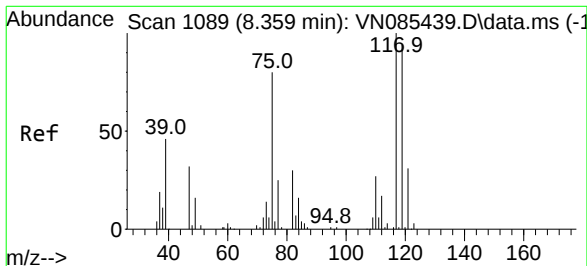
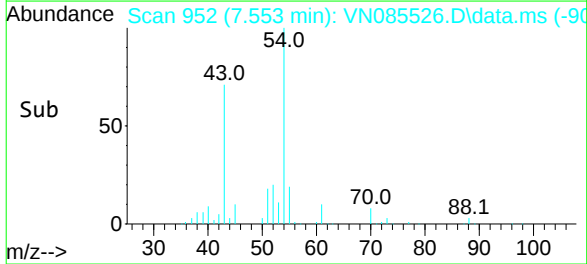
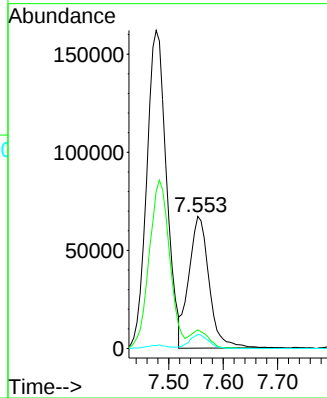
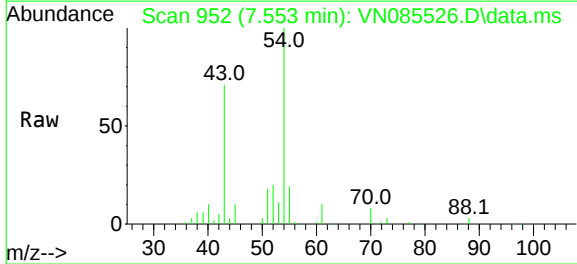
#37
Ethyl Acetate
Concen: 52.923 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 173618
Ion Ratio Lower Upper
43 100
61 11.8 10.9 16.3
70 10.0 7.5 11.3

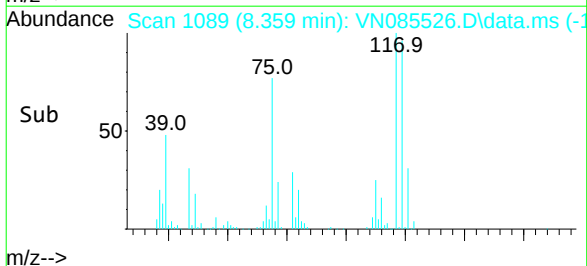
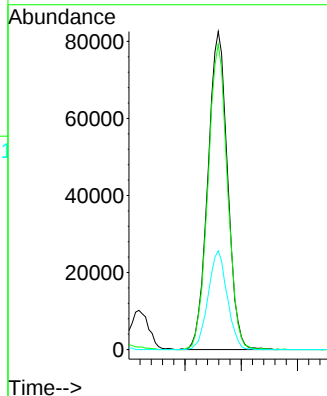
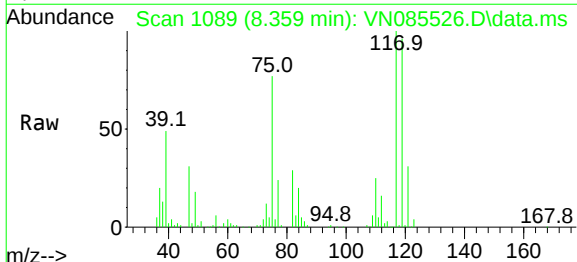
Manual Integrations
APPROVED

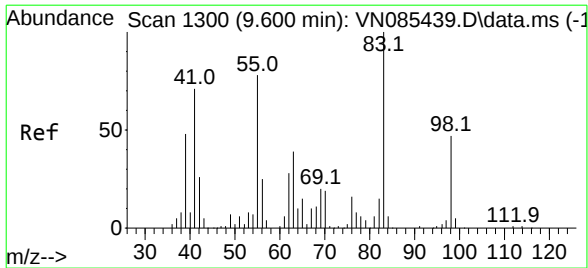
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#38
Carbon Tetrachloride
Concen: 54.013 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:117 Resp: 200977
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2
121 31.1 24.6 37.0





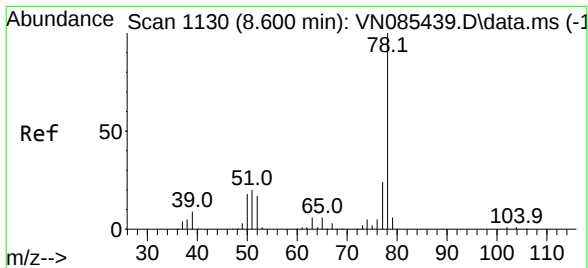
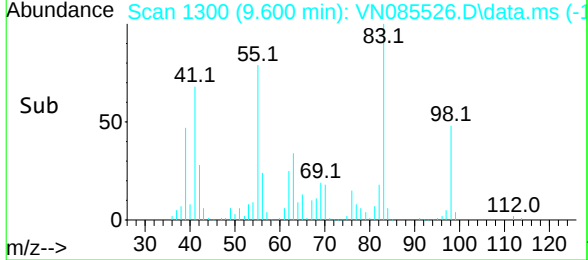
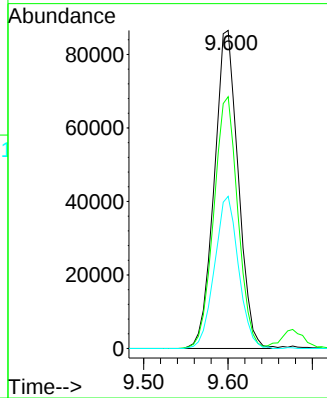
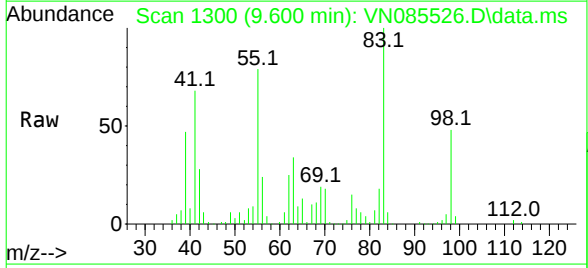
#39
Methylcyclohexane
Concen: 56.039 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 171154
Ion Ratio Lower Upper
83 100
55 79.2 62.6 94.0
98 47.9 37.7 56.5

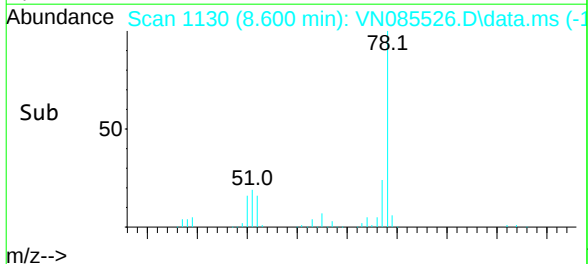
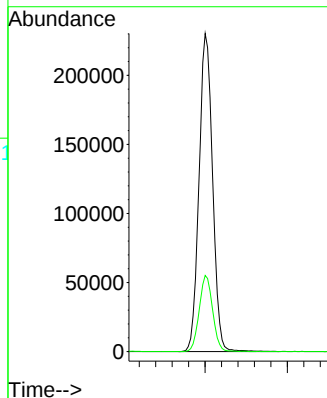
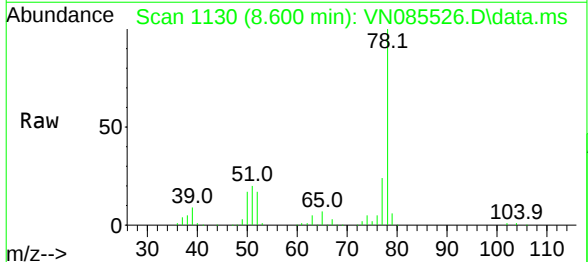
Manual Integrations
APPROVED

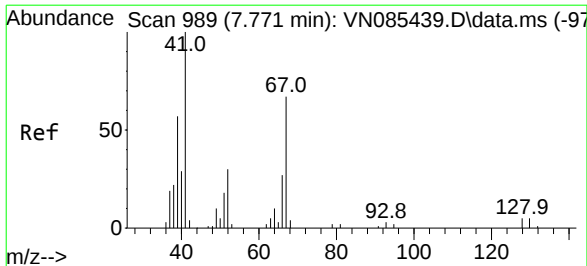
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#40
Benzene
Concen: 53.828 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 78 Resp: 525669
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





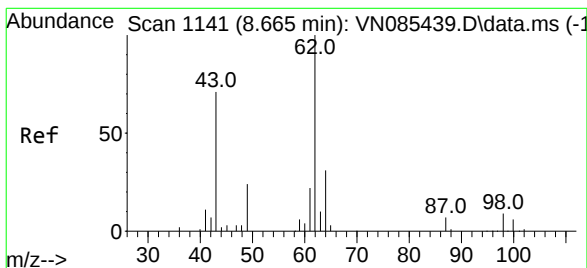
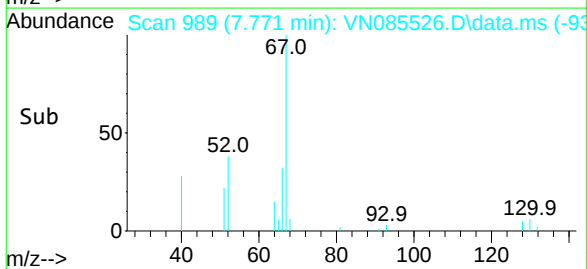
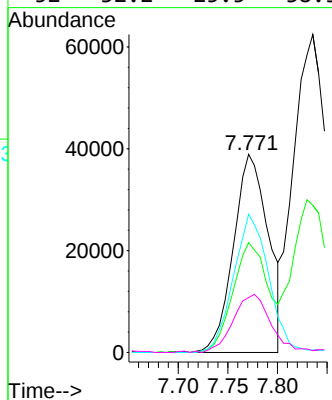
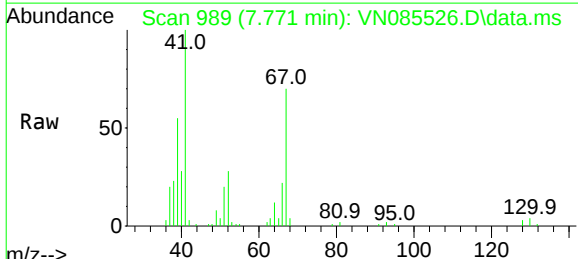
#41
Methacrylonitrile
Concen: 55.717 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	71.1	57.4	86.2
52	32.2	25.5	38.3

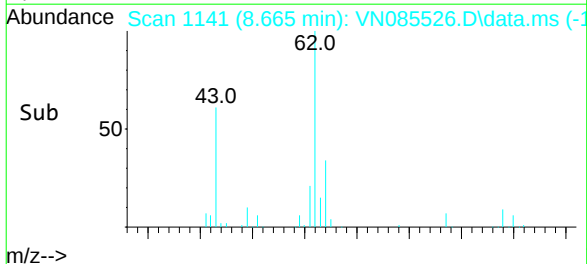
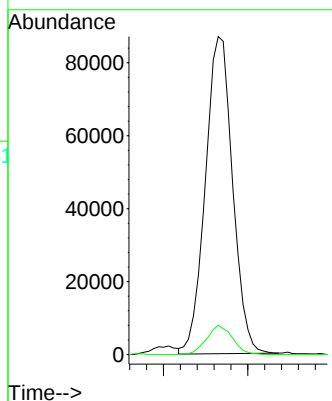
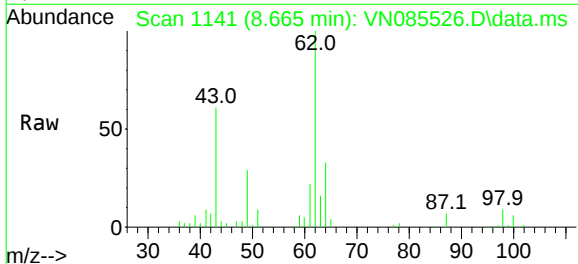
Manual Integrations
APPROVED

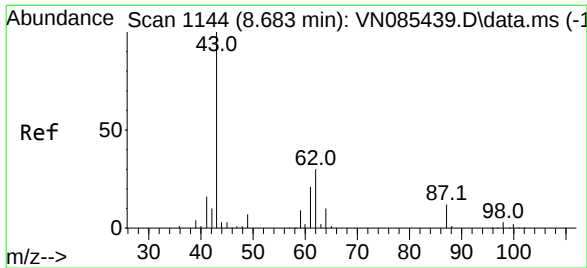
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#42
1,2-Dichloroethane
Concen: 53.072 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 54.755 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

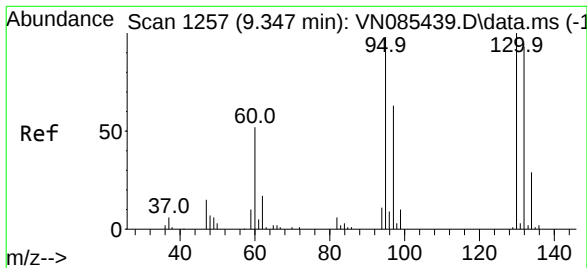
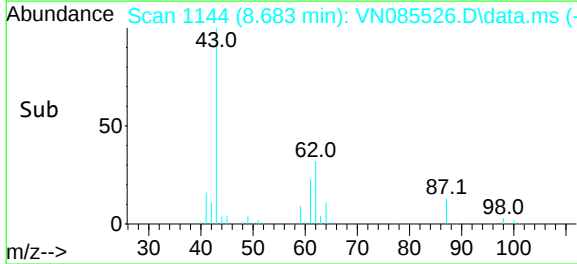
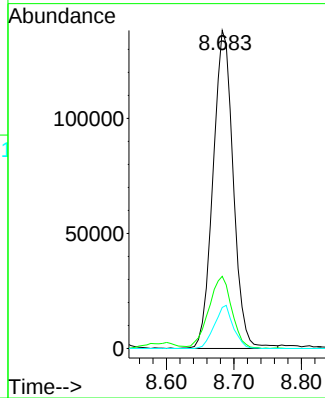
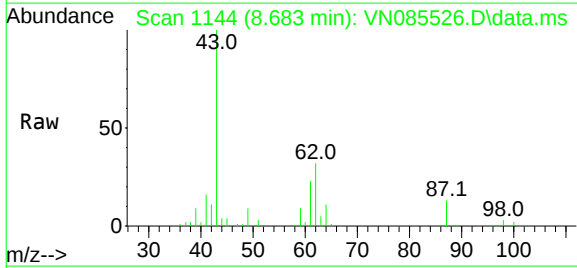
Tgt Ion:	43	Resp:	287826
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.7	31.1
87	12.6	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#44

Trichloroethene

Concen: 52.672 ug/l

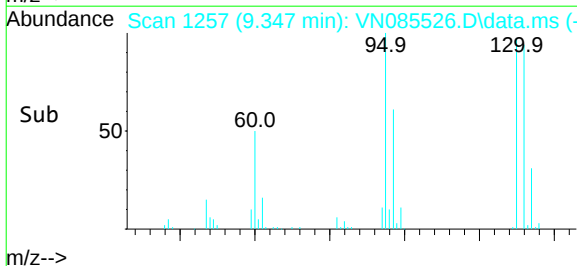
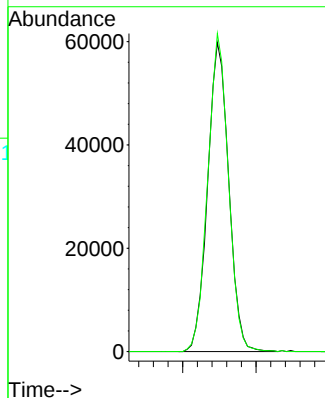
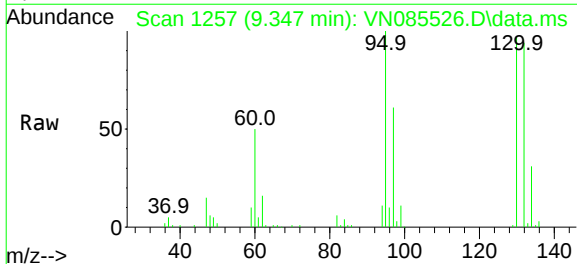
RT: 9.347 min Scan# 1257

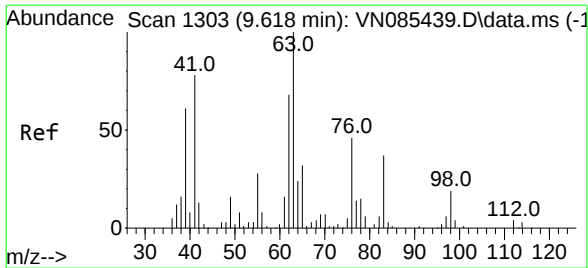
Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Tgt Ion:	130	Resp:	119734
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	195.8





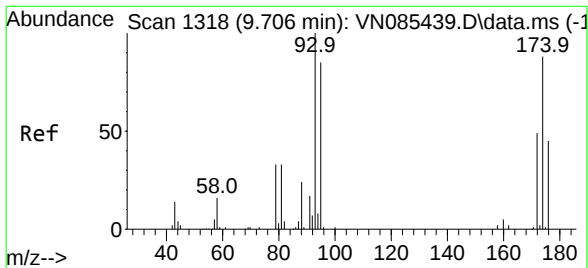
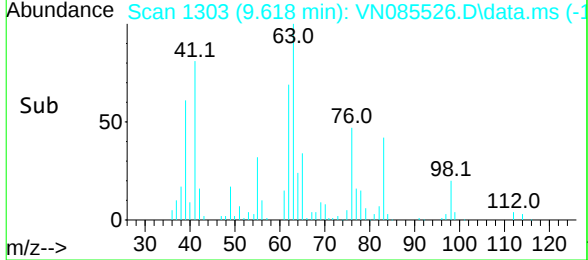
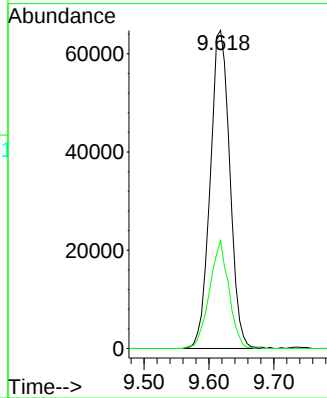
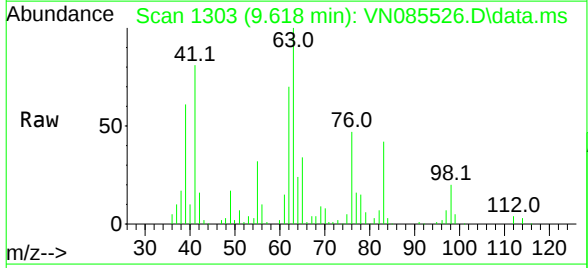
#45
1,2-Dichloropropane
Concen: 54.447 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 135814
Ion Ratio Lower Upper
63 100
65 33.9 25.6 38.4

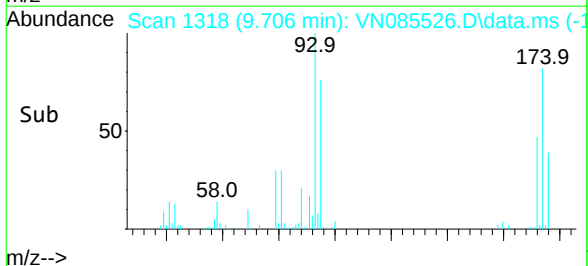
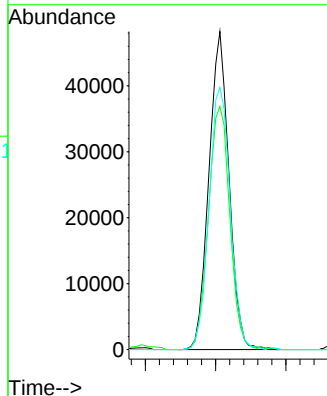
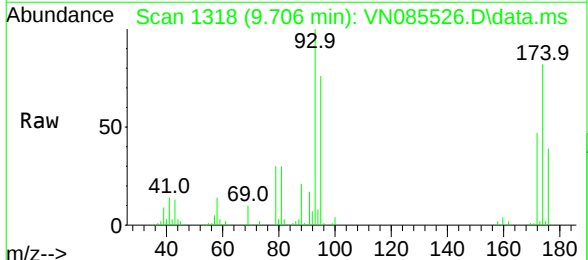
Manual Integrations
APPROVED

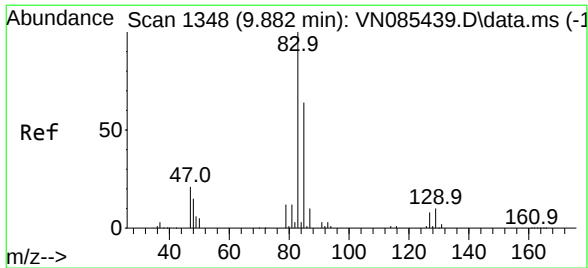
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#46
Dibromomethane
Concen: 53.179 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 93 Resp: 95715
Ion Ratio Lower Upper
93 100
95 81.2 64.7 97.1
174 87.0 69.0 103.4





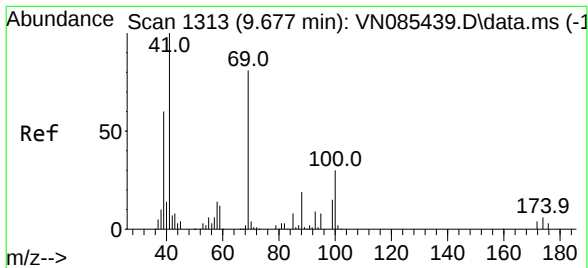
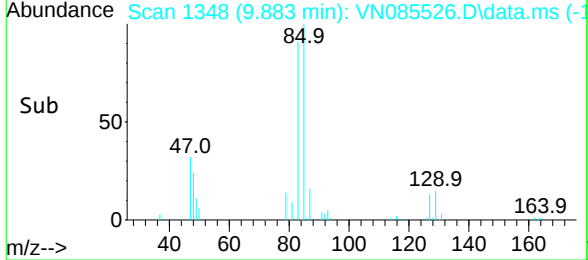
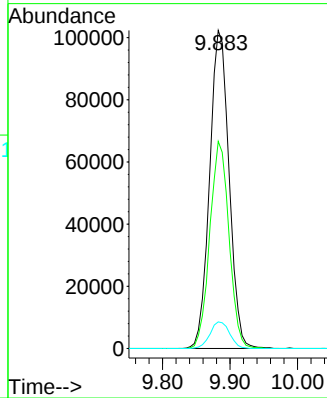
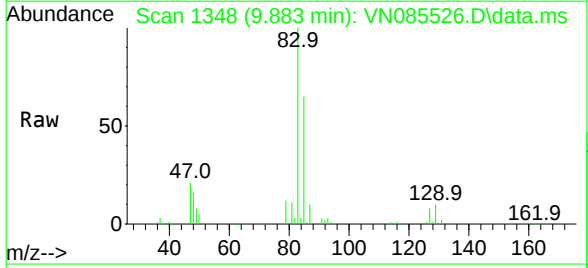
#47
Bromodichloromethane
Concen: 55.774 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.001 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 204517
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8
127 8.4 6.5 9.7

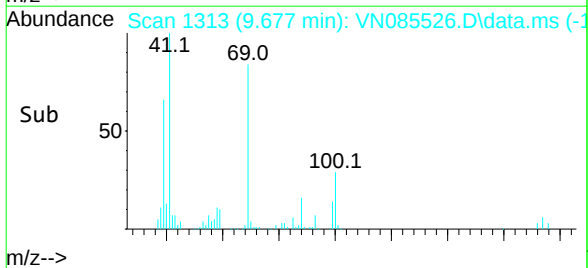
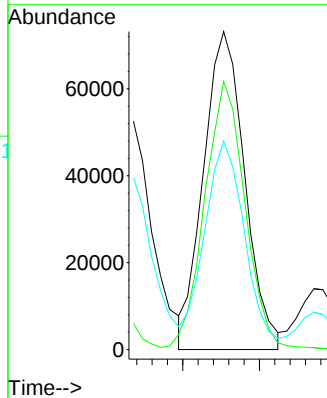
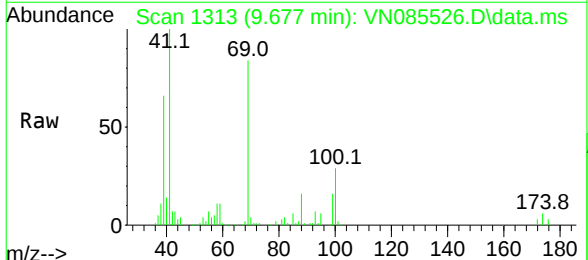
Manual Integrations
APPROVED

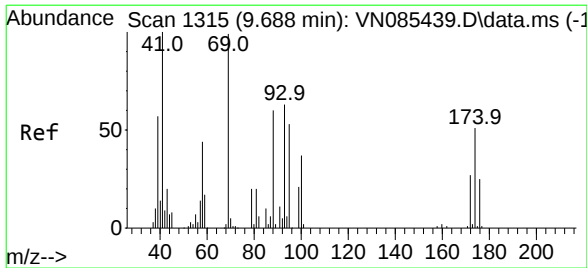
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#48
Methyl methacrylate
Concen: 57.693 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

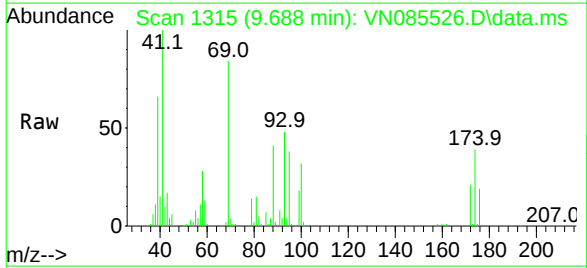
Tgt Ion: 41 Resp: 136479
Ion Ratio Lower Upper
41 100
69 83.2 64.7 97.1
39 64.1 49.0 73.6





#49
1,4-Dioxane
Concen: 1019.345 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

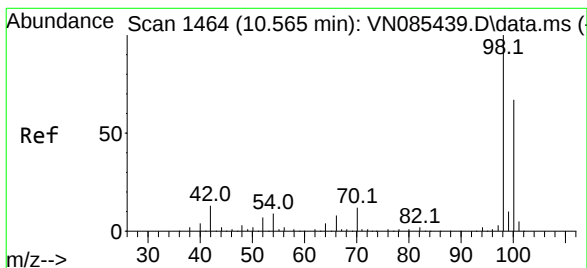
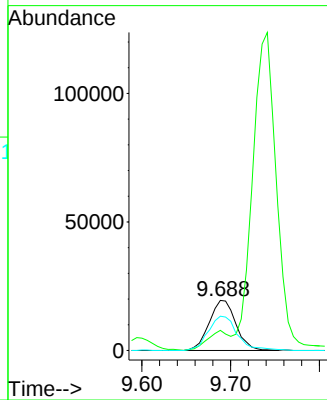
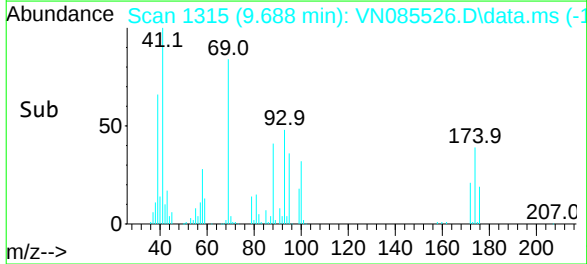
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40607
Ion Ratio Lower Upper
88 100
43 33.0 26.6 39.8
58 74.6 59.5 89.3

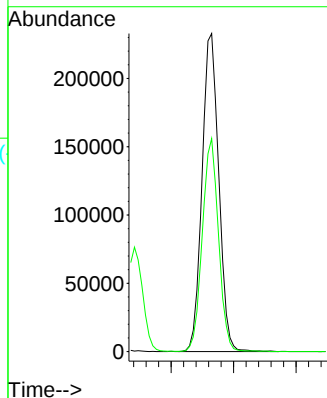
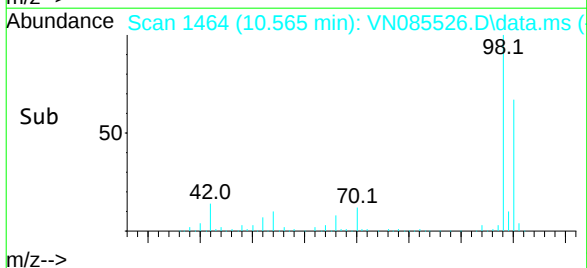
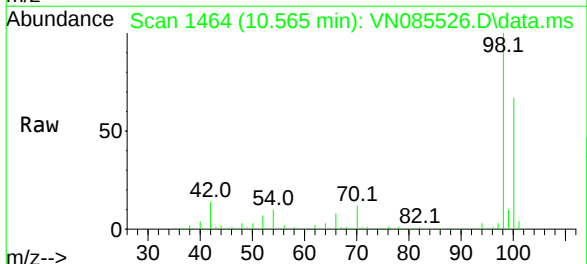
Manual Integrations
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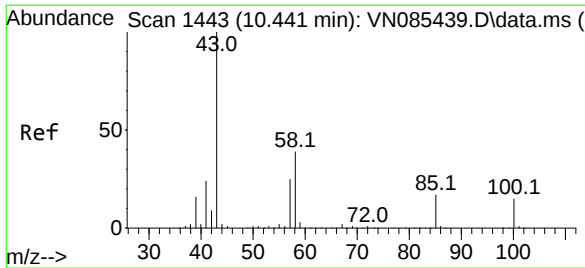
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 98 Resp: 432537
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





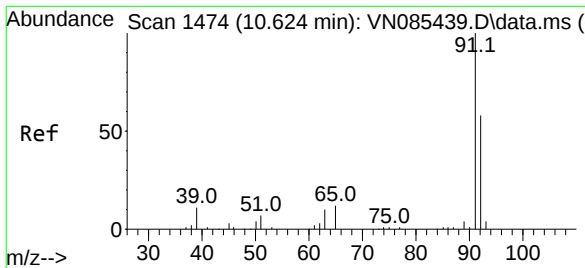
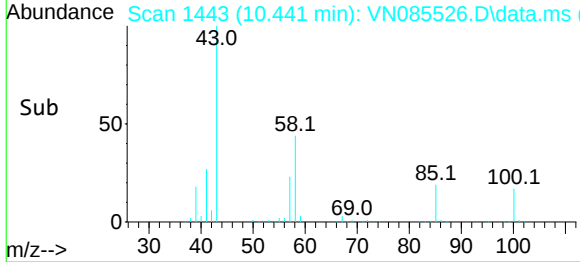
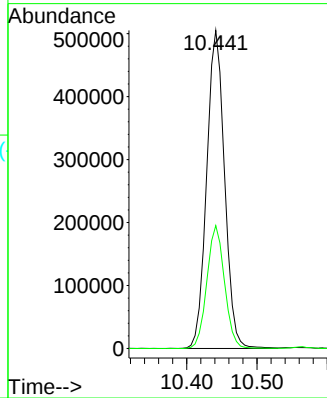
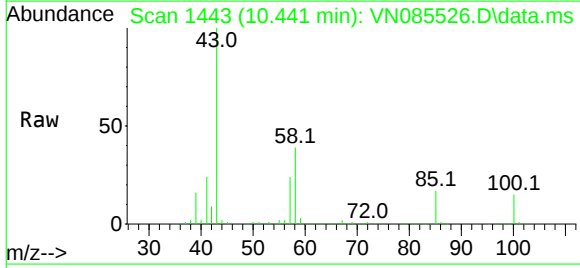
#51
4-Methyl-2-Pentanone
Concen: 292.599 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 892528
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

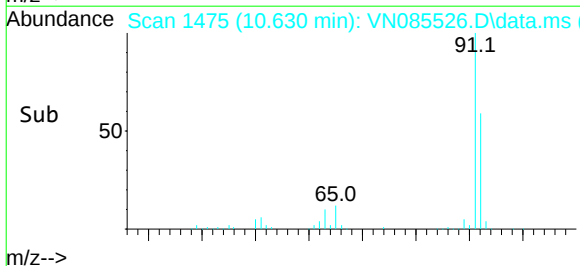
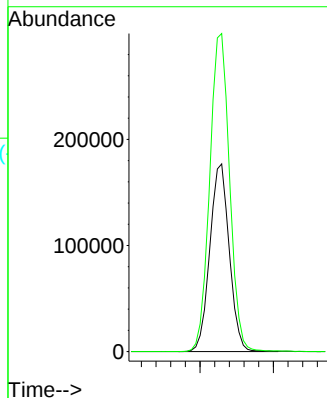
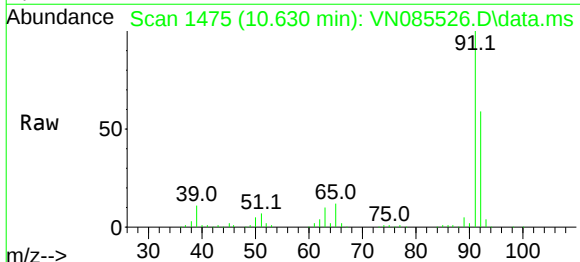
Manual Integrations
APPROVED

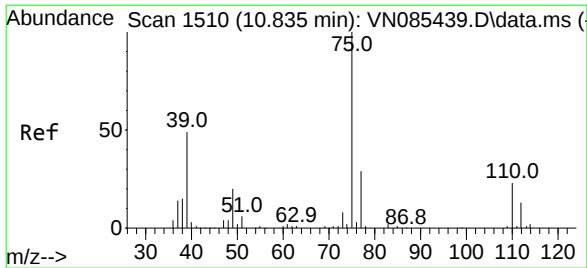
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#52
Toluene
Concen: 57.499 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

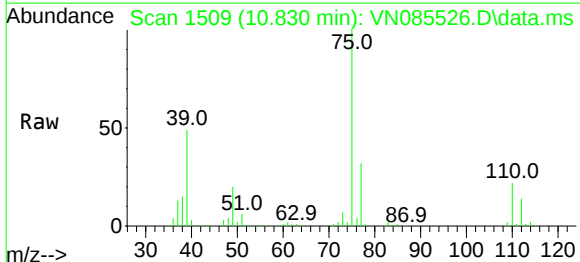
Tgt Ion: 92 Resp: 325356
Ion Ratio Lower Upper
92 100
91 173.6 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 58.899 ug/l
RT: 10.830 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

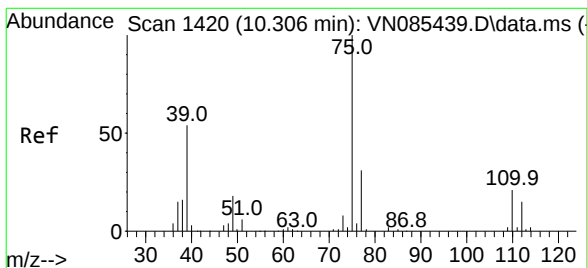
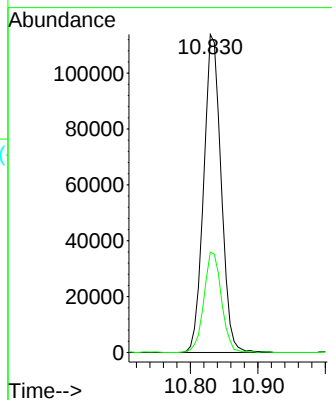
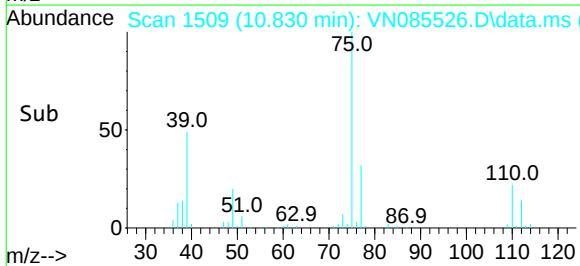
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



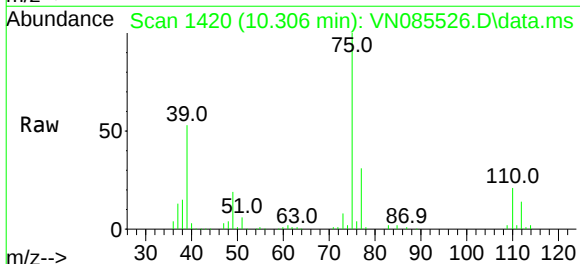
Tgt Ion: 75 Resp: 204105
Ion Ratio Lower Upper
75 100
77 31.6 23.5 35.3

Manual Integrations
APPROVED

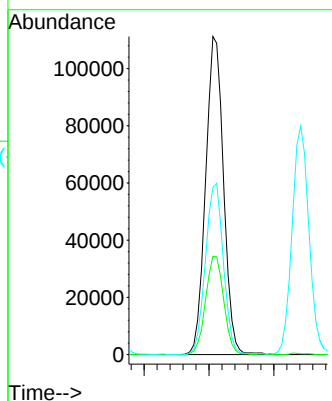
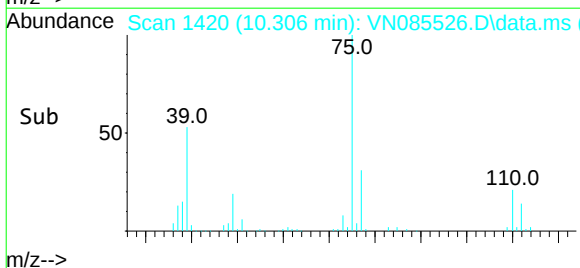
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

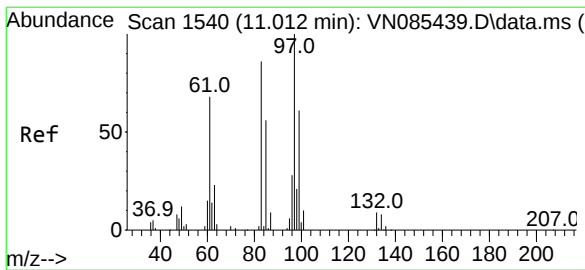


#54
cis-1,3-Dichloropropene
Concen: 57.610 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



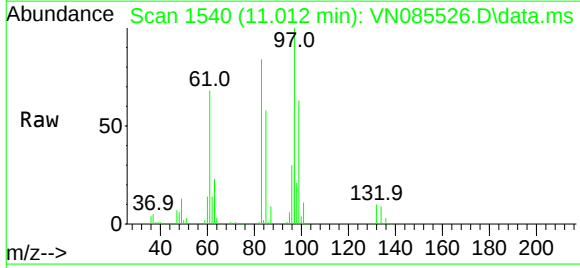
Tgt Ion: 75 Resp: 213245
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 52.6 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 55.851 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

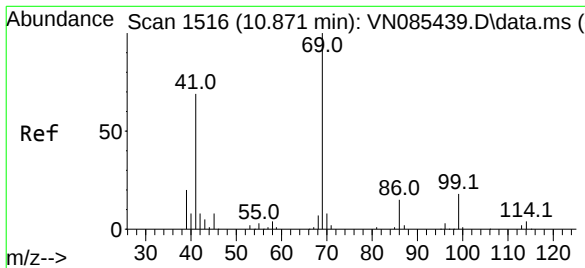
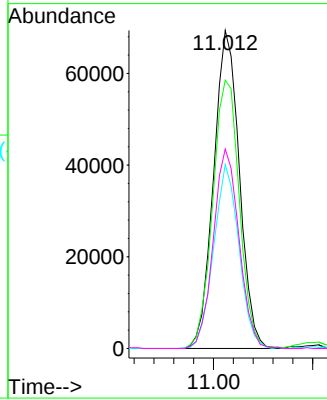
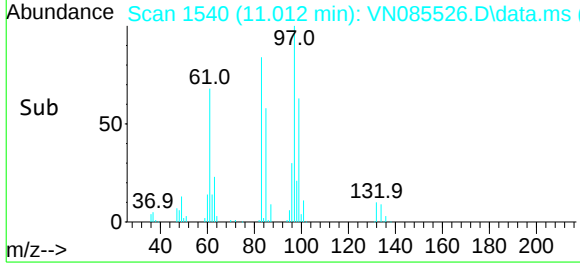
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



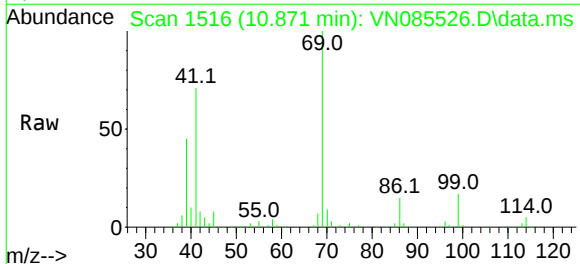
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.0	103.6
85	57.9	44.6	66.8
99	62.7	48.6	72.8

Manual Integrations
APPROVED

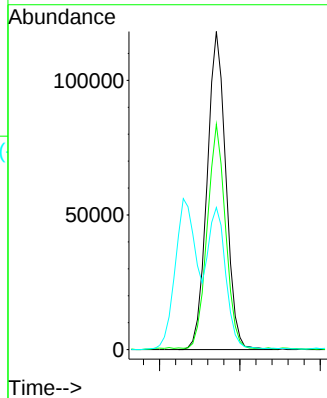
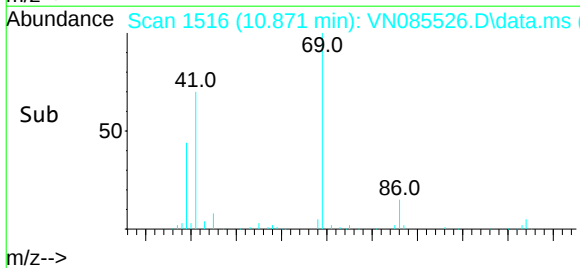
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

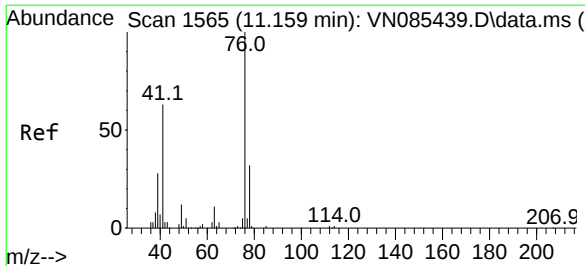


#56
Ethyl methacrylate
Concen: 50.844 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



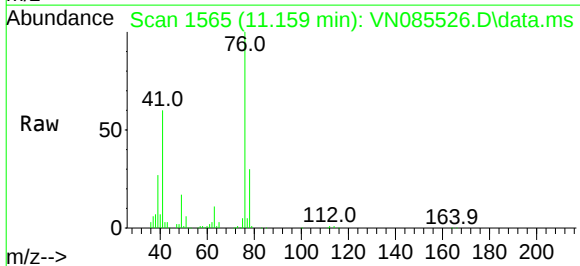
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.6	82.0
39	42.2	32.4	48.6





#57
1,3-Dichloropropane
Concen: 56.327 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

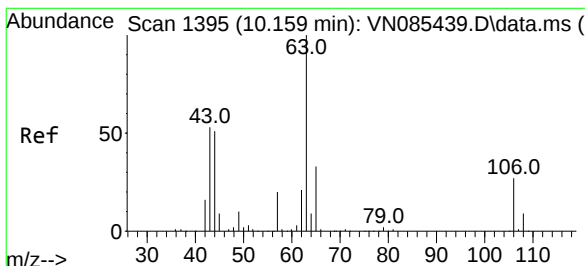
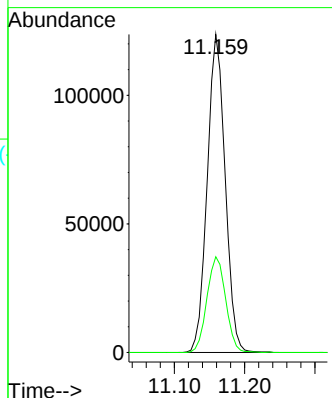
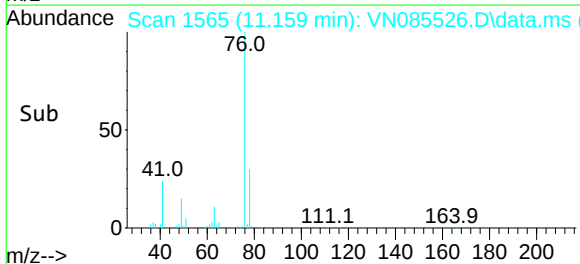
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



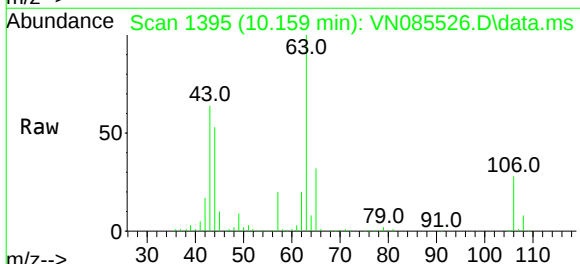
Tgt Ion: 76 Resp: 219323
Ion Ratio Lower Upper
76 100
78 31.5 25.6 38.4

Manual Integrations
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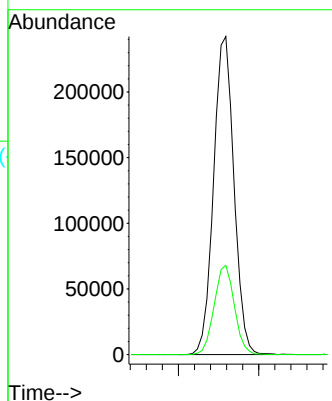
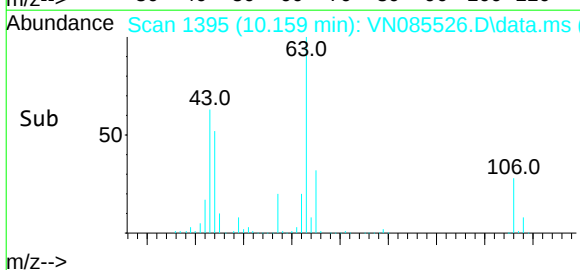
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

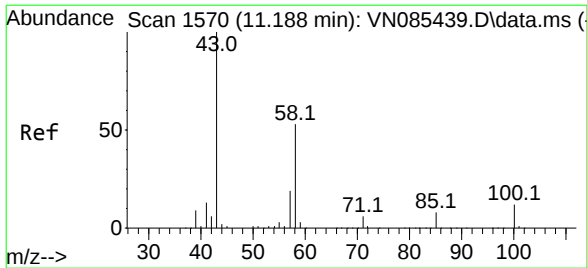


#58
2-Chloroethyl Vinyl ether
Concen: 300.465 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53



Tgt Ion: 63 Resp: 426978
Ion Ratio Lower Upper
63 100
106 27.8 21.6 32.4





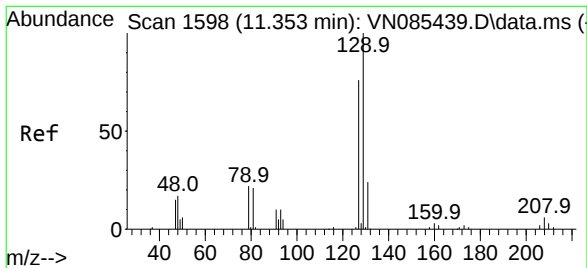
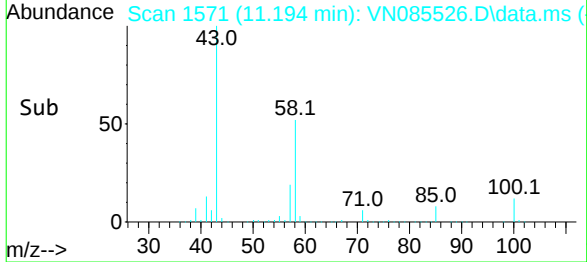
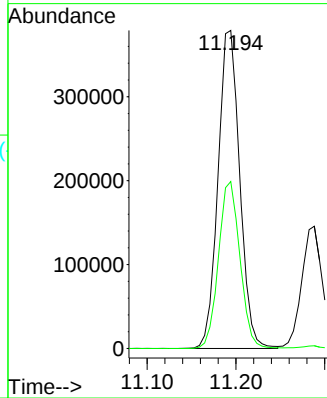
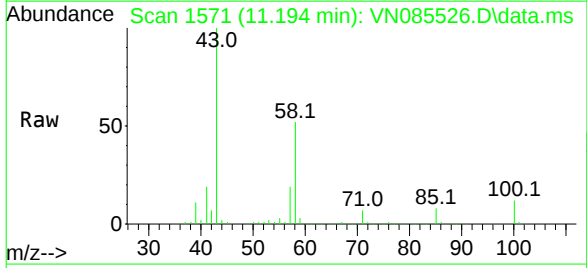
#59
2-Hexanone
Concen: 300.034 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 643969
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.6

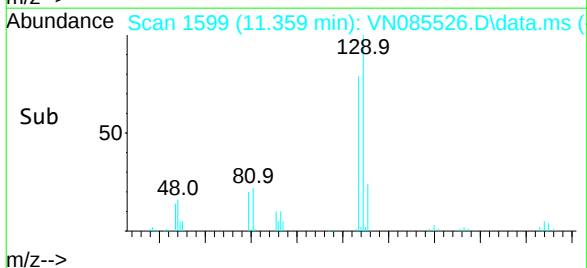
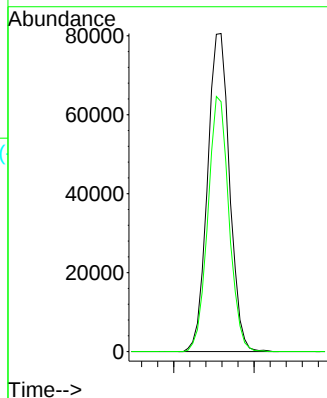
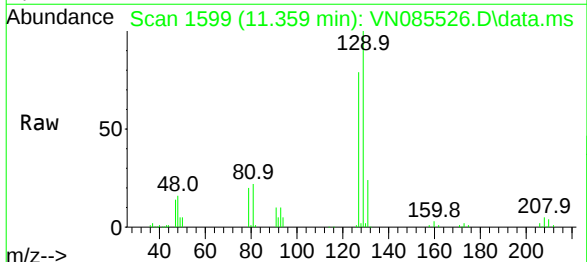
Manual Integrations
APPROVED

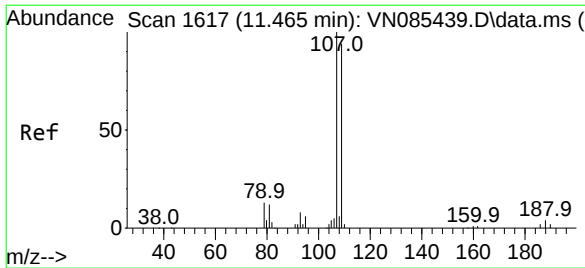
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#60
Dibromochloromethane
Concen: 56.815 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:129 Resp: 153599
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





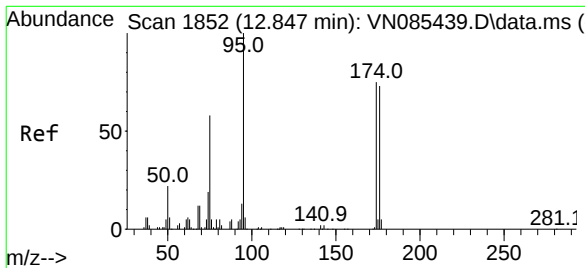
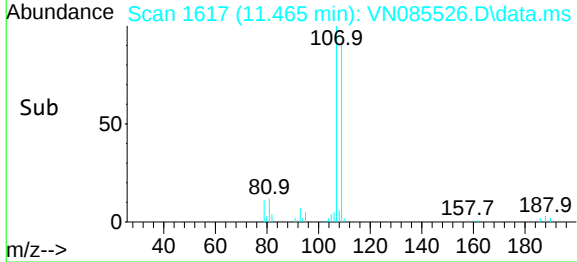
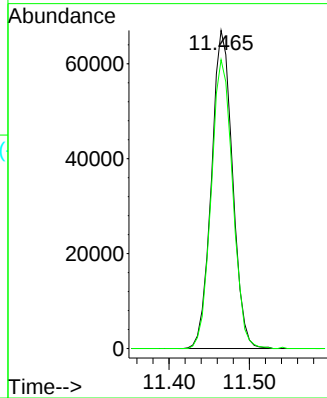
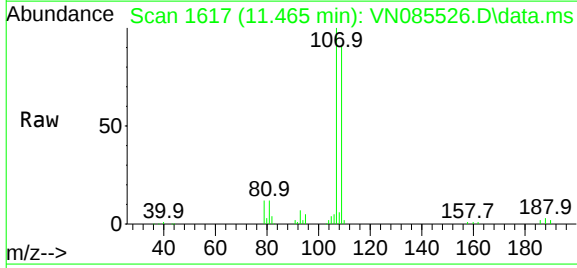
#61
1,2-Dibromoethane
Concen: 54.776 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 122098
Ion Ratio Lower Upper
107 100
109 92.4 75.9 113.9

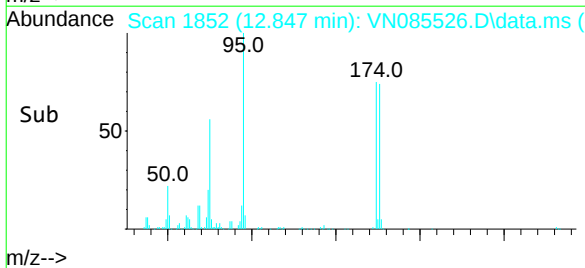
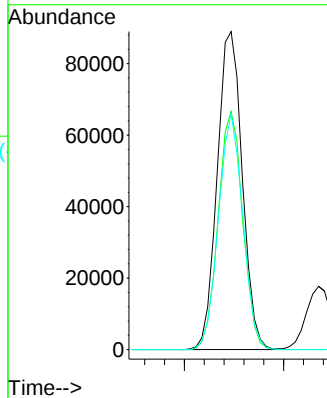
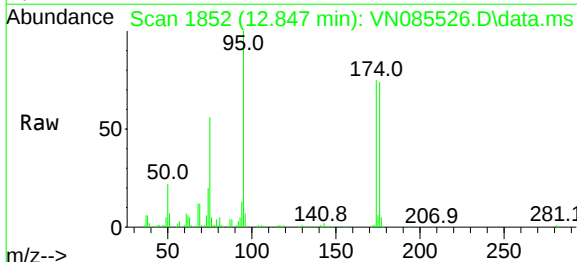
Manual Integrations
APPROVED

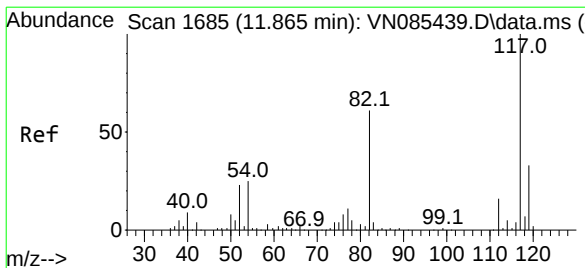
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#62
4-Bromofluorobenzene
Concen: 55.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 95 Resp: 155870
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 71.9 0.0 142.4





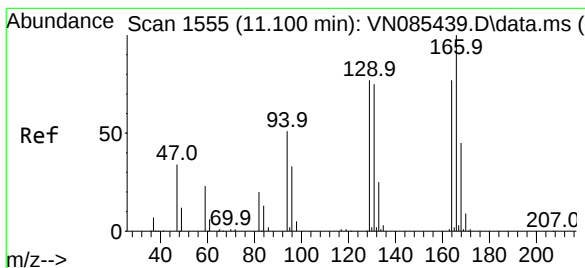
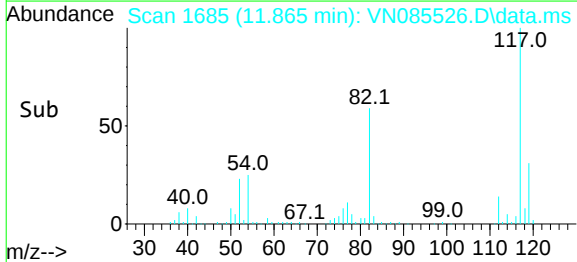
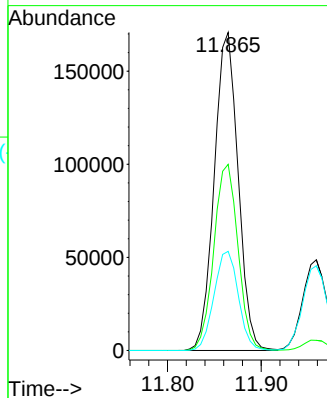
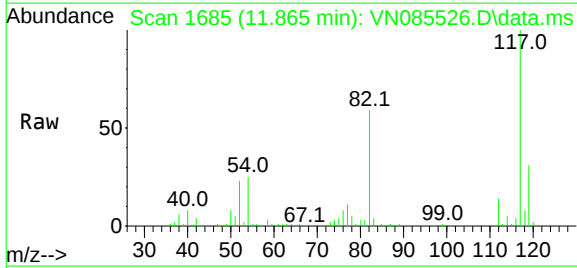
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 302551
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 31.2 26.6 39.8

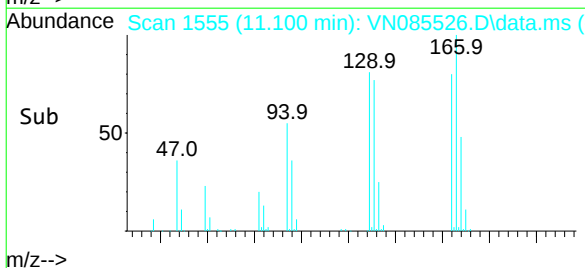
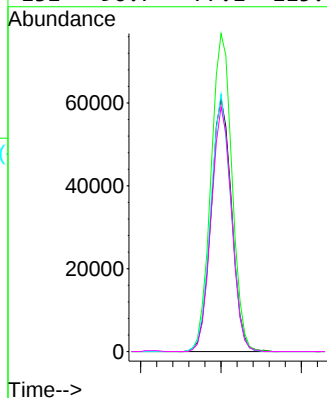
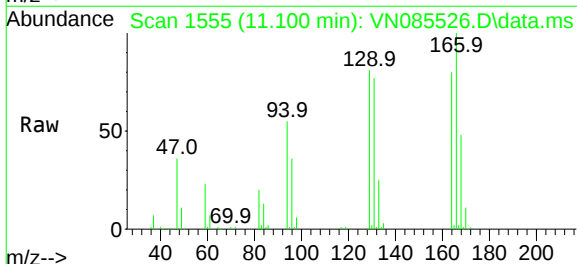
Manual Integrations
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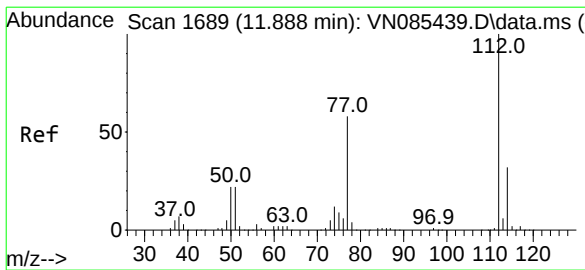
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#64
Tetrachloroethene
Concen: 52.974 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:164 Resp: 109264
Ion Ratio Lower Upper
164 100
166 125.7 103.4 155.2
129 101.8 79.2 118.8
131 96.7 77.1 115.7





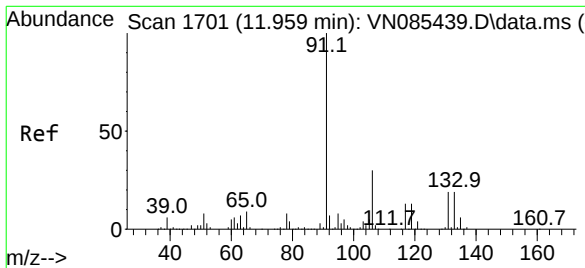
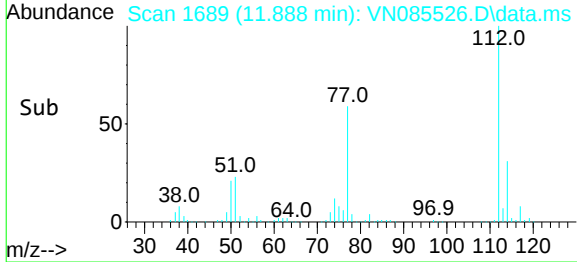
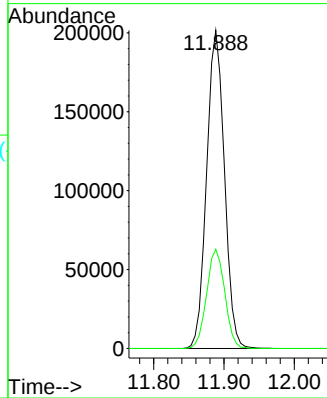
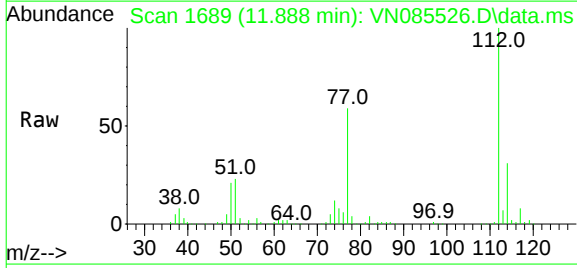
#65
Chlorobenzene
Concen: 53.457 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 354308
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9

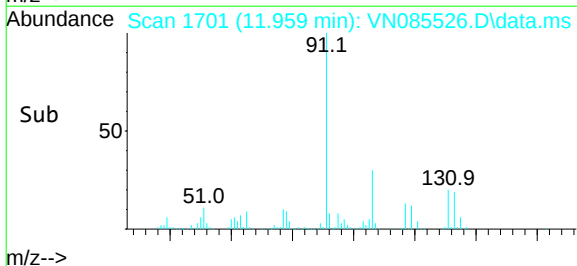
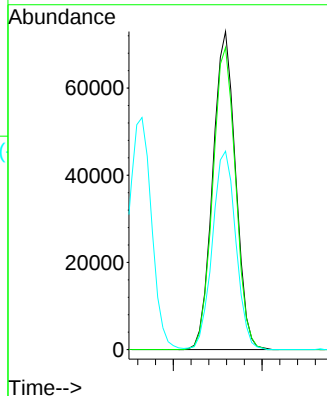
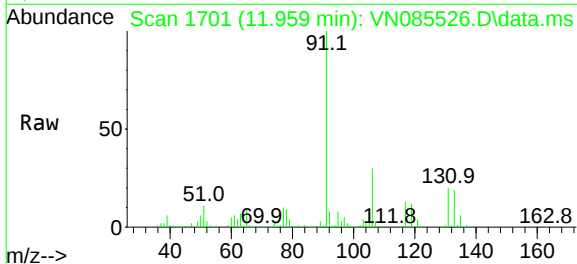
Manual Integrations
APPROVED

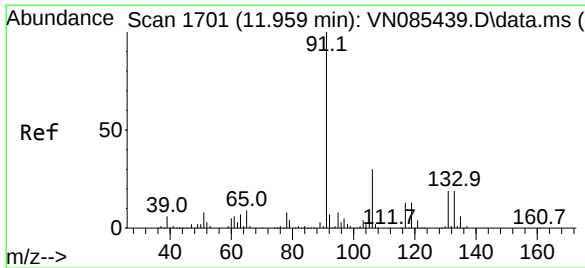
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.447 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:131 Resp: 130012
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 64.2 33.1 99.5





#67

Ethyl Benzene

Concen: 57.531 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 621051

Ion Ratio Lower Upper

91 100

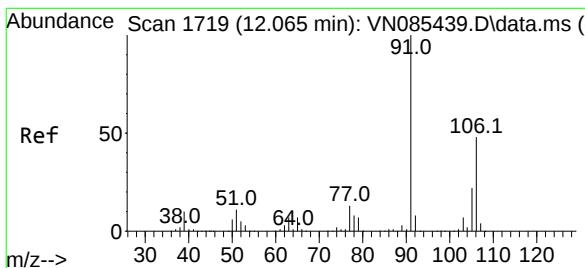
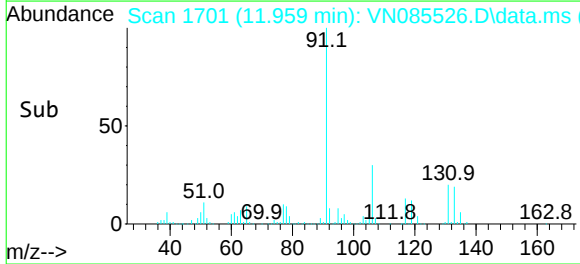
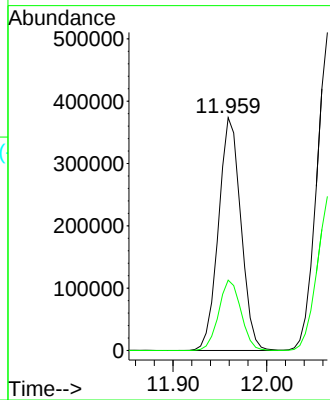
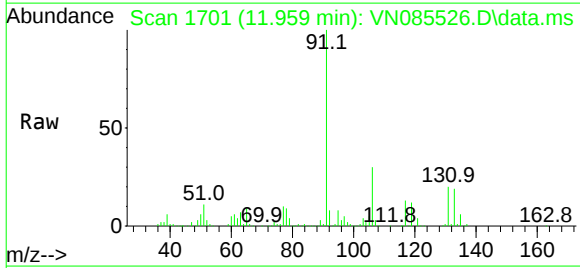
106 30.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#68

m/p-Xylenes

Concen: 119.124 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085526.D

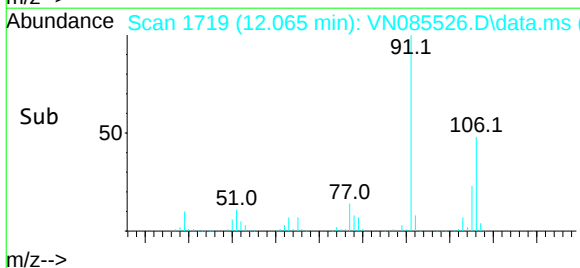
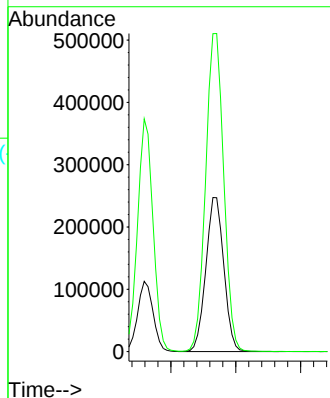
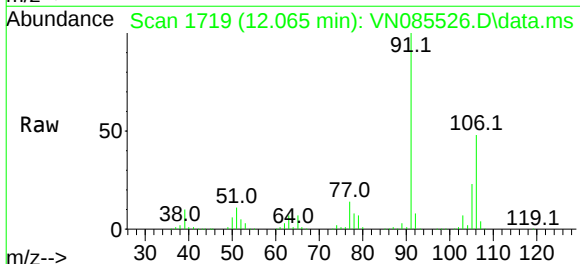
Acq: 28 Jan 2025 09:53

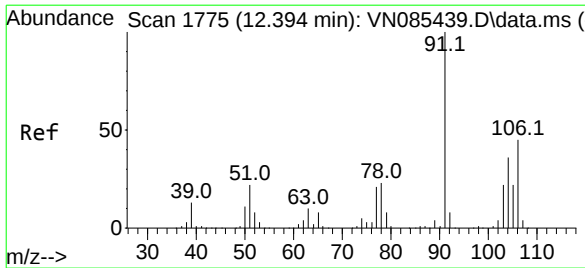
Tgt Ion:106 Resp: 475266

Ion Ratio Lower Upper

106 100

91 207.6 167.7 251.5





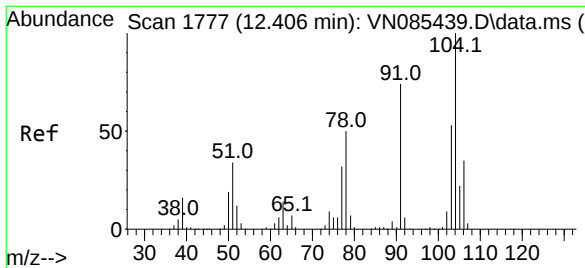
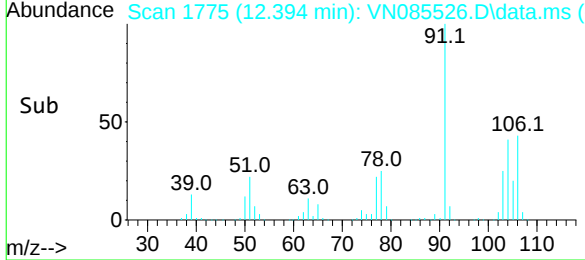
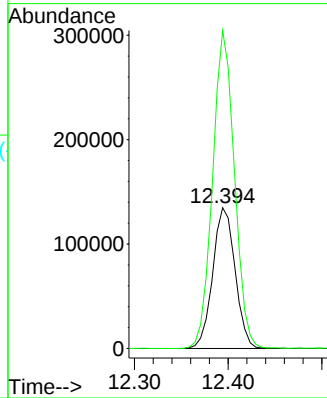
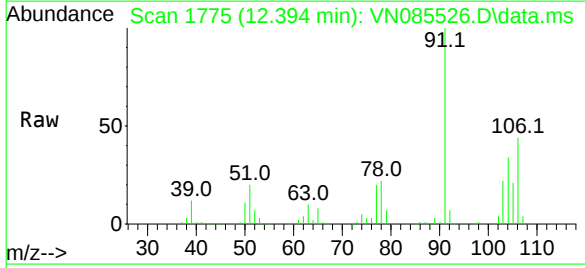
#69
o-Xylene
Concen: 58.639 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 223578
Ion Ratio Lower Upper
106 100
91 220.9 110.4 331.2

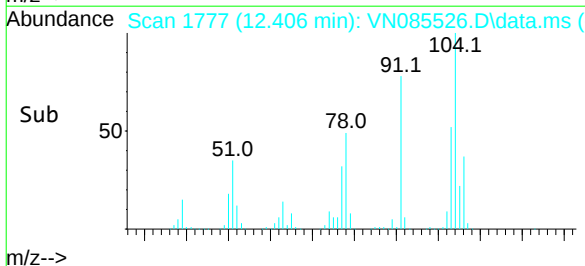
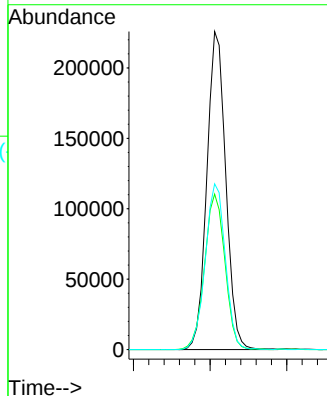
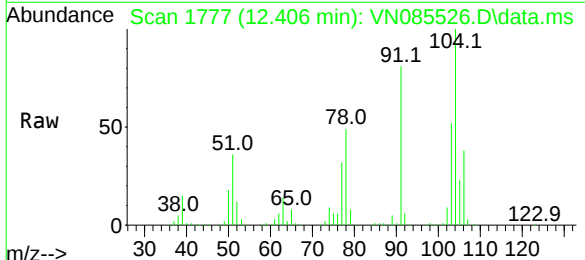
Manual Integrations
APPROVED

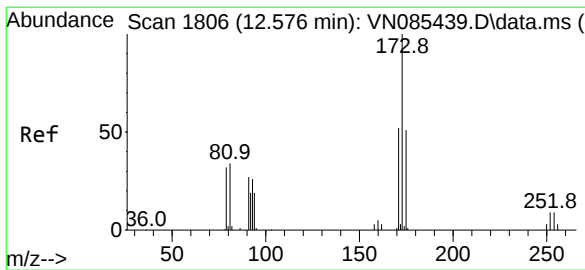
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#70
Styrene
Concen: 61.343 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:104 Resp: 387081
Ion Ratio Lower Upper
104 100
78 52.7 42.5 63.7
103 55.4 43.8 65.8





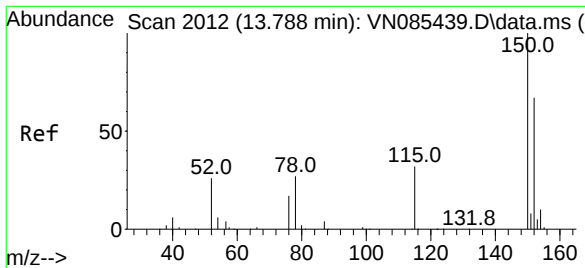
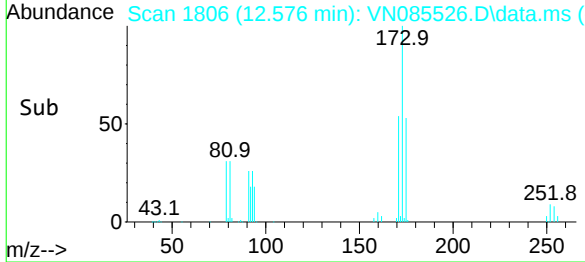
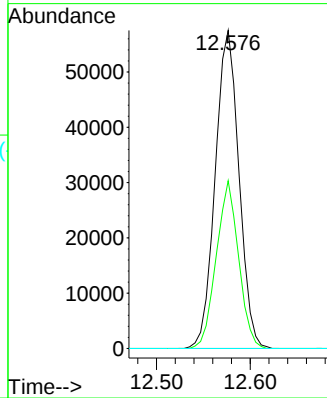
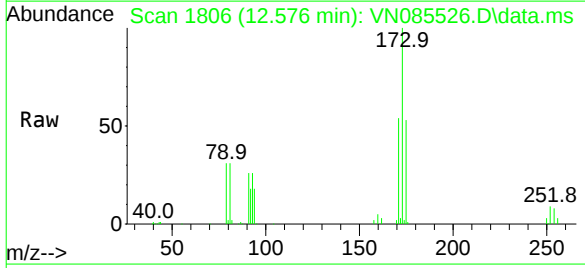
#71
Bromoform
Concen: 58.046 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 101032
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.2
254 0.0 0.0 0.0

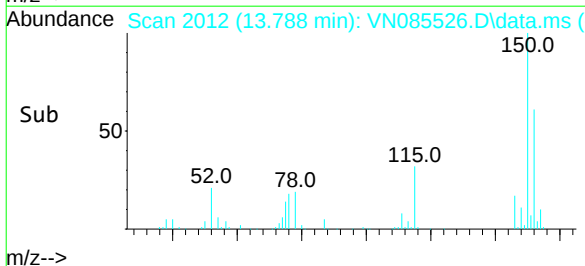
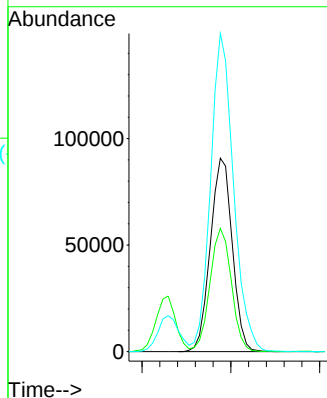
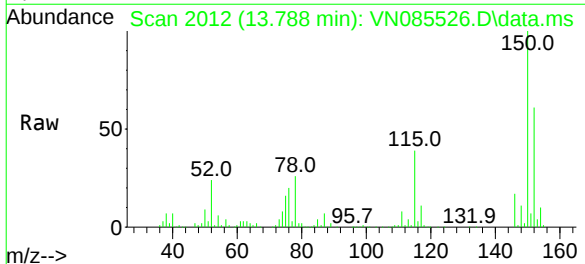
Manual Integrations
APPROVED

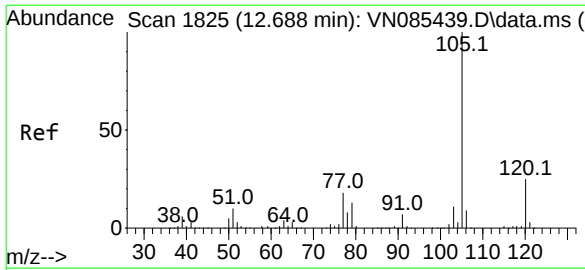
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:152 Resp: 155713
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.3
150 172.0 0.0 343.6





#73
Isopropylbenzene
Concen: 55.357 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

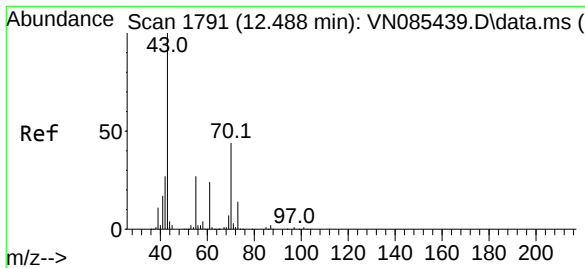
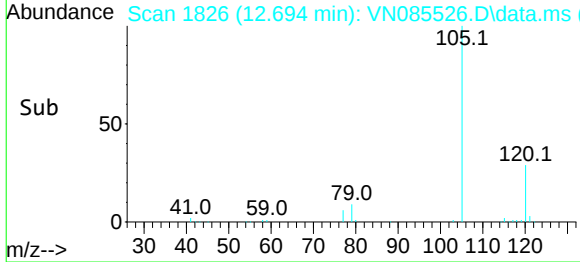
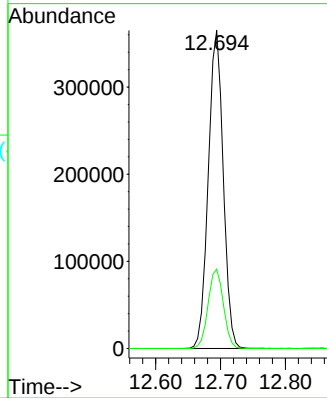
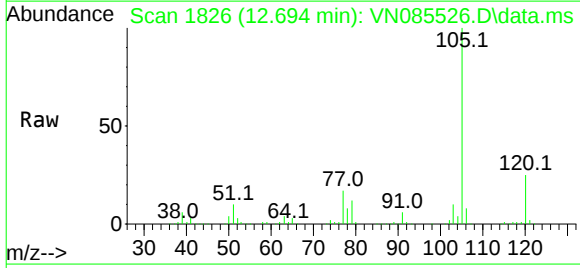
VSTDCCC050

Tgt Ion:105 Resp: 581759
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

Manual Integrations

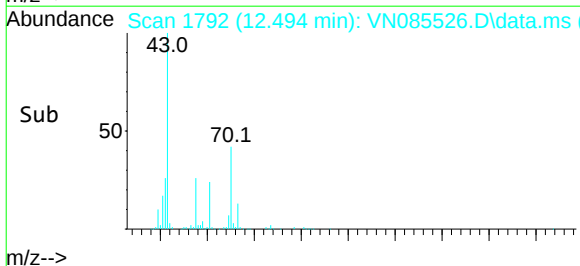
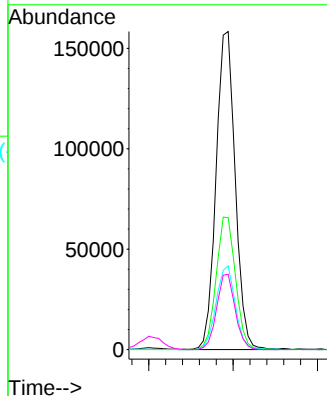
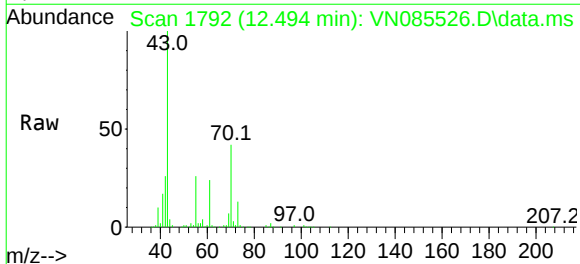
APPROVED

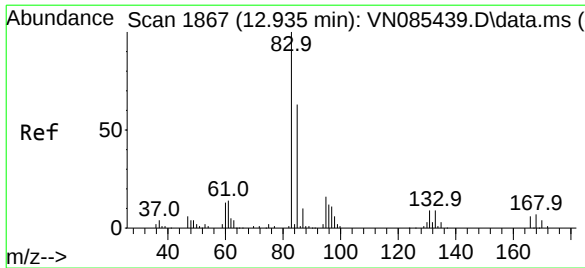
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#74
N-ethyl acetate
Concen: 52.919 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

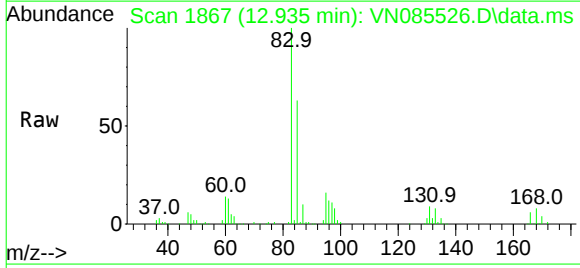
Tgt Ion: 43 Resp: 249973
Ion Ratio Lower Upper
43 100
70 42.1 34.0 51.0
55 26.4 21.4 32.2
61 22.9 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.089 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

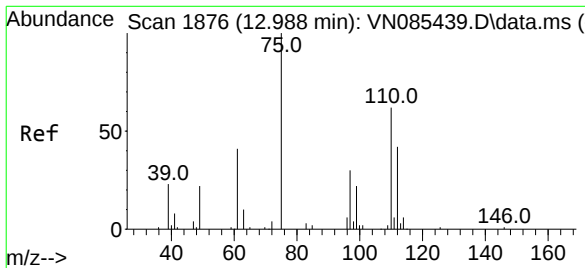
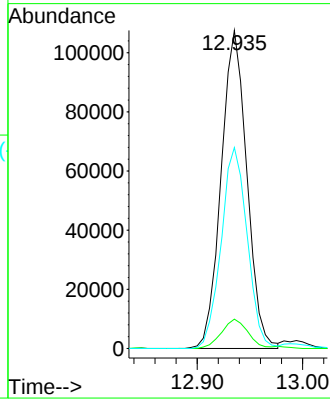
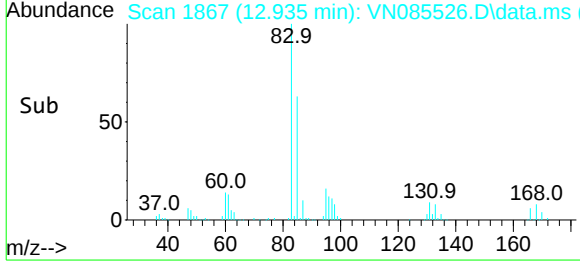
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	83	Resp	182235
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	63.9	32.2	96.6

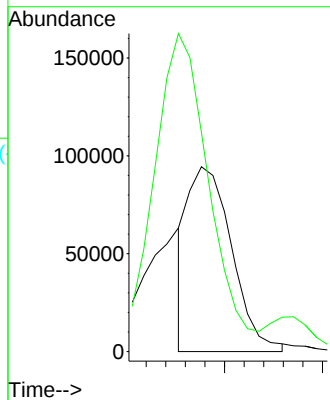
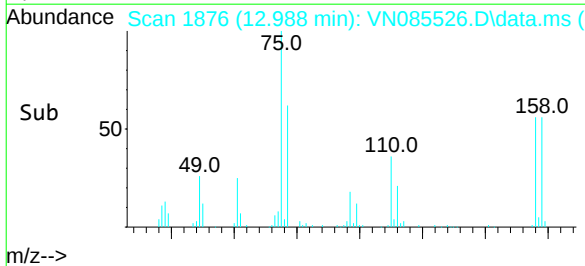
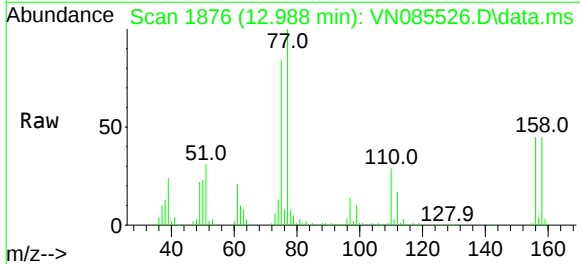
Manual Integrations
APPROVED

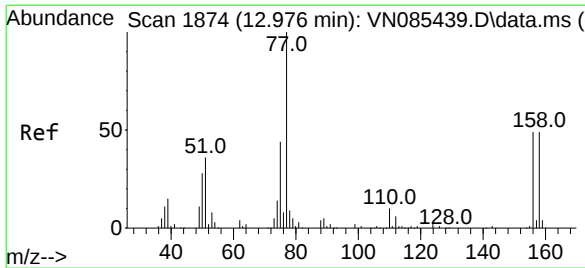
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#76
1,2,3-Trichloropropane
Concen: 46.478 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion	75	Resp	147100
Ion	Ratio	Lower	Upper
75	100		
77	216.6	109.7	329.2





#77

Bromobenzene

Concen: 50.547 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

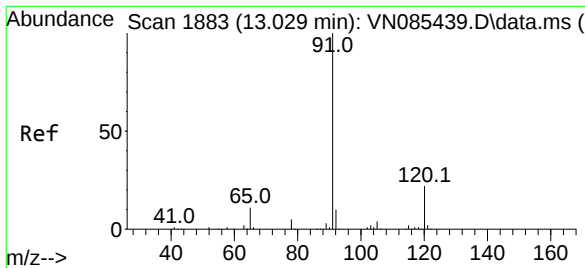
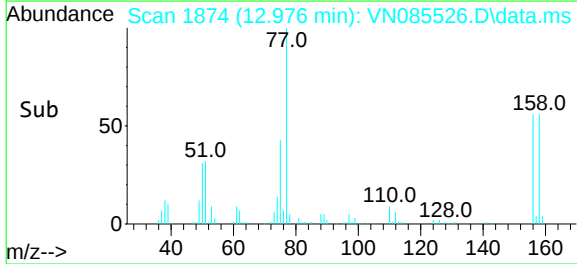
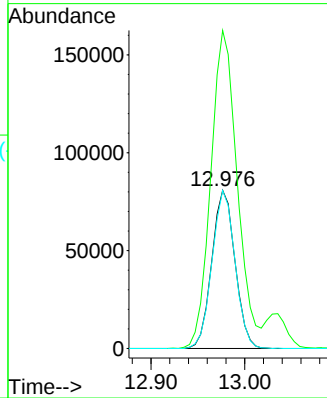
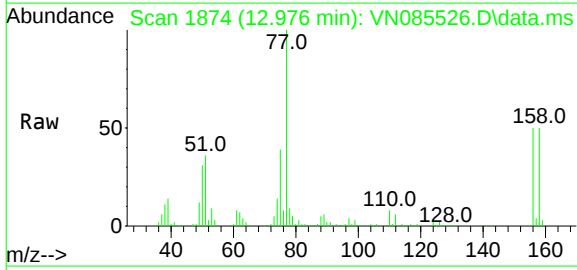
Tgt Ion:	156	Resp:	138788
Ion Ratio	Lower	Upper	
156	100		
77	229.6	114.1	342.4
158	98.7	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#78

n-propylbenzene

Concen: 56.362 ug/l

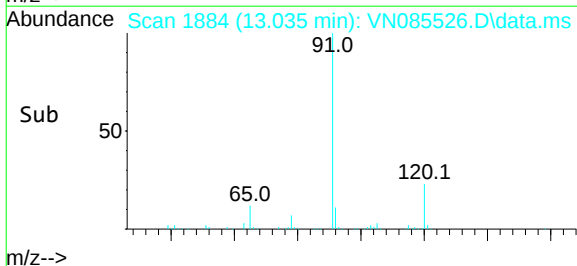
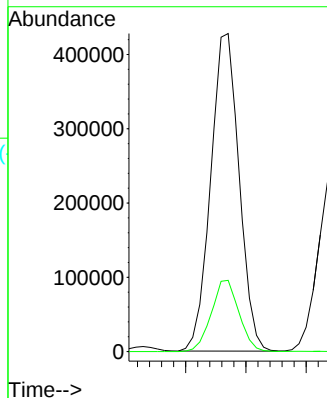
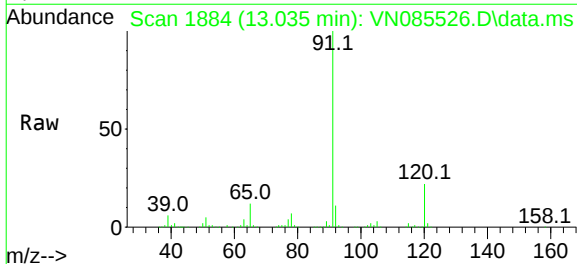
RT: 13.035 min Scan# 1884

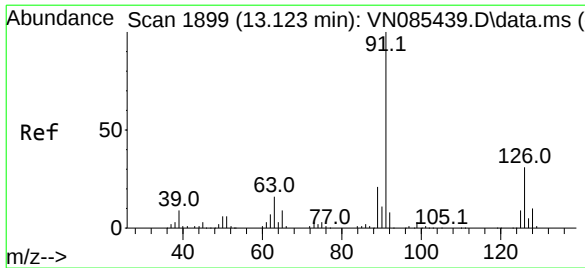
Delta R.T. 0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Tgt Ion:	91	Resp:	701218
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.6





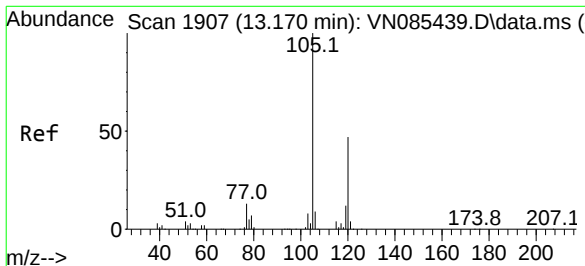
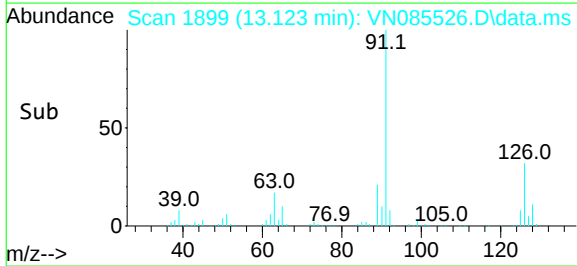
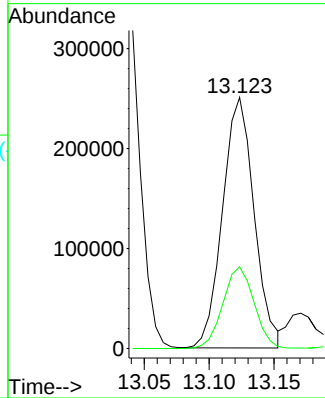
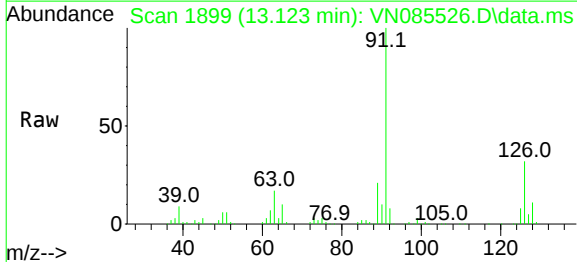
#79
2-Chlorotoluene
Concen: 52.764 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 424851
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1

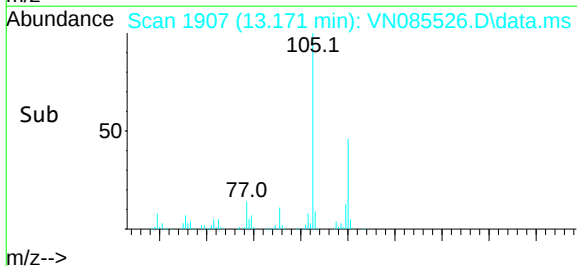
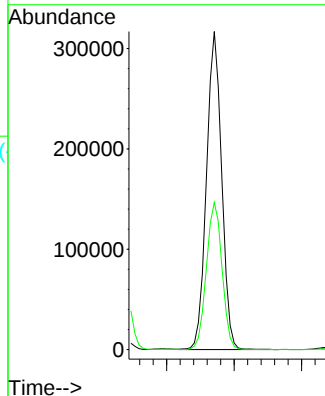
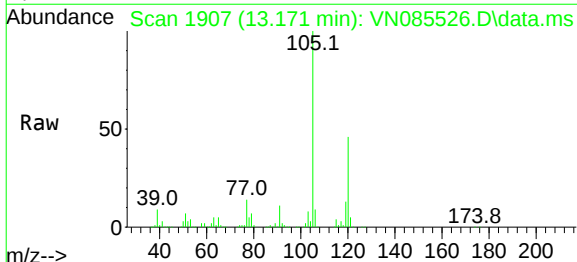
Manual Integrations
APPROVED

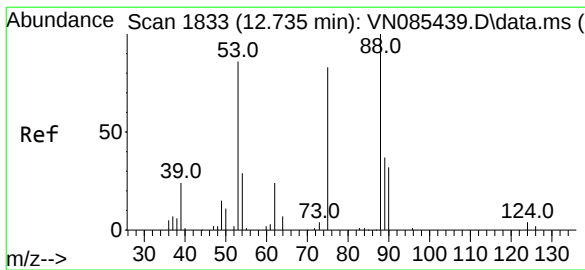
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.984 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:105 Resp: 494666
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7





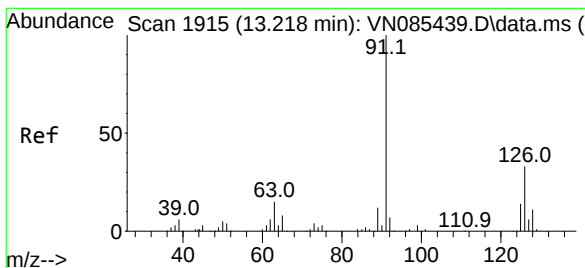
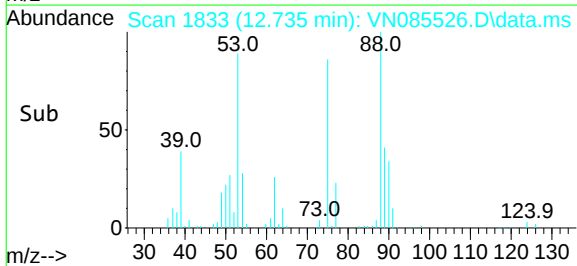
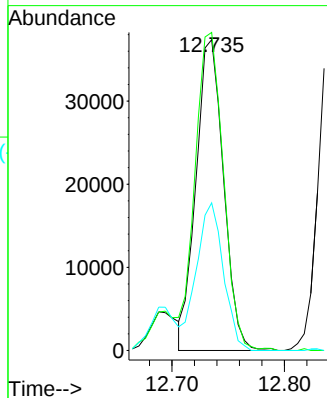
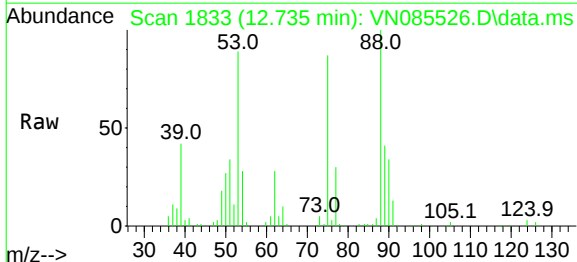
#81
trans-1,4-Dichloro-2-butene
Concen: 54.370 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 63601
Ion Ratio Lower Upper
75 100
53 107.1 95.6 143.4
89 46.8 37.0 55.6

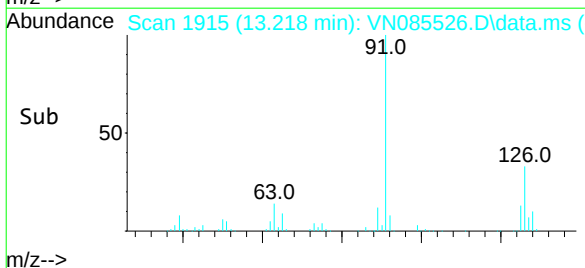
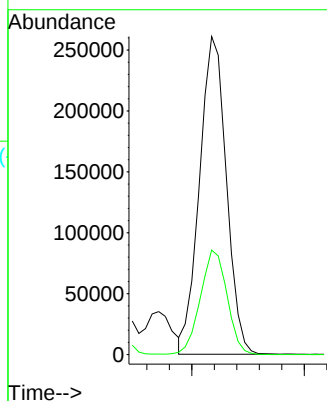
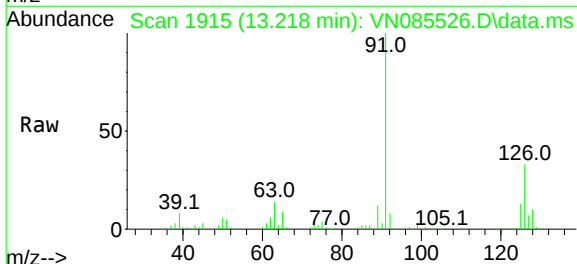
Manual Integrations
APPROVED

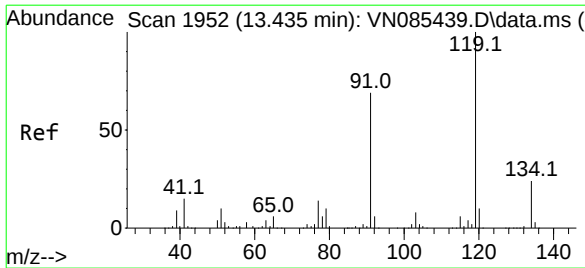
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#82
4-Chlorotoluene
Concen: 53.960 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion: 91 Resp: 432608
Ion Ratio Lower Upper
91 100
126 32.8 15.9 47.7





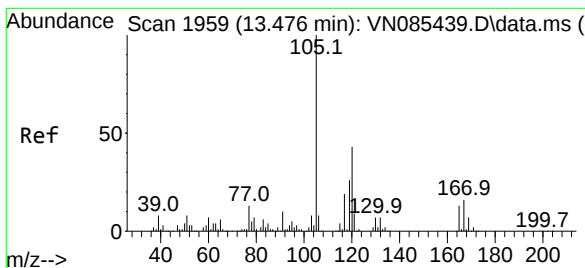
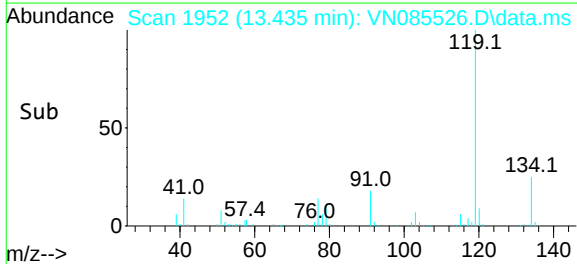
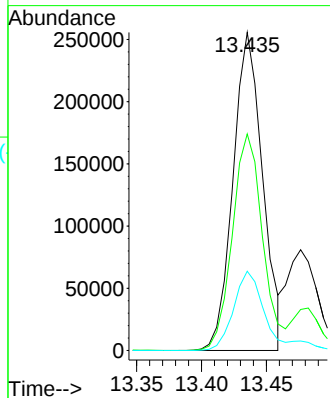
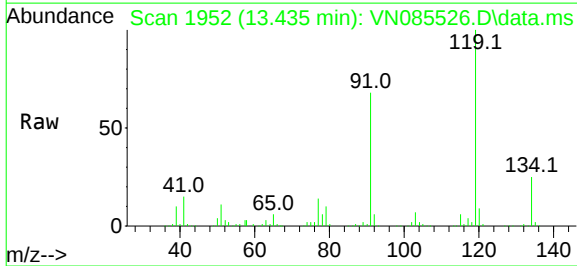
#83
tert-Butylbenzene
Concen: 55.641 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 405613
Ion Ratio Lower Upper
119 100
91 69.8 35.1 105.3
134 27.3 12.0 36.1

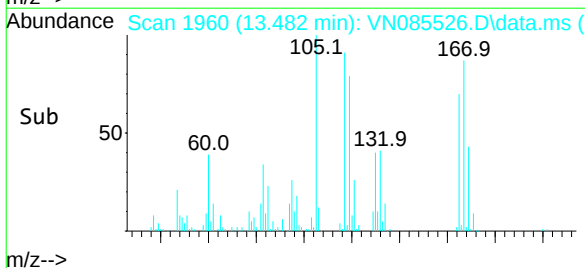
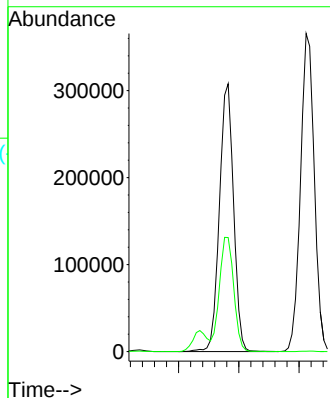
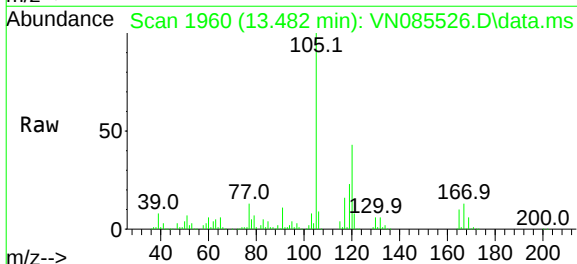
Manual Integrations
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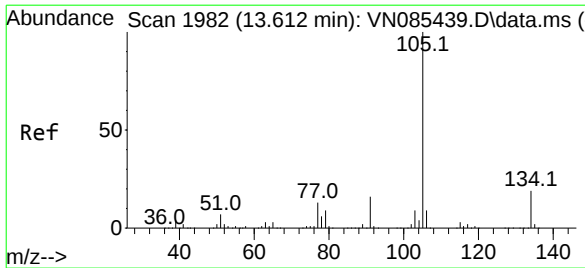
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 57.941 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:105 Resp: 501298
Ion Ratio Lower Upper
105 100
120 43.4 21.6 65.0





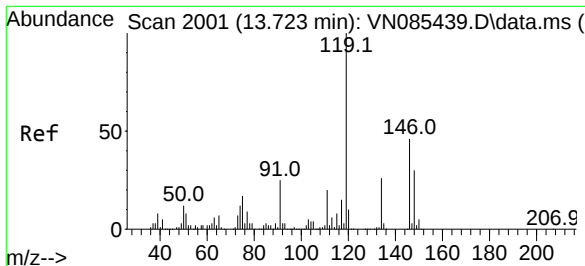
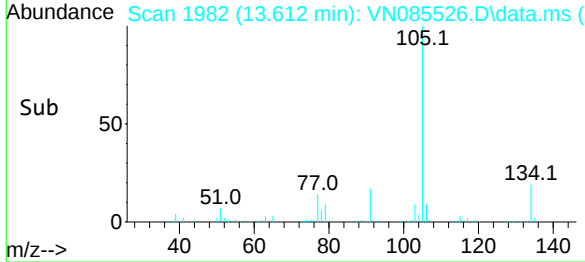
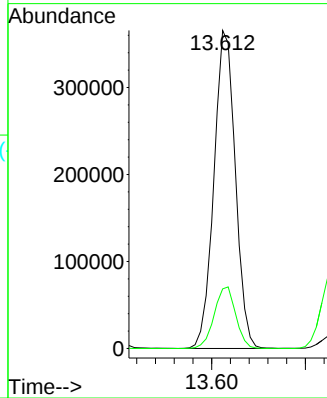
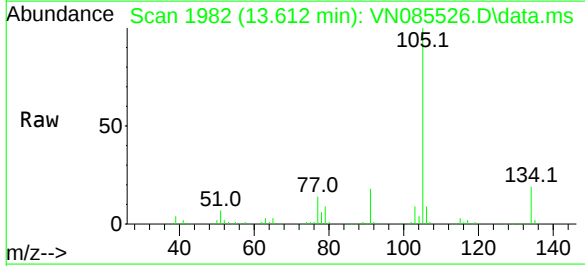
#85
 sec-Butylbenzene
 Concen: 57.499 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 580942
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

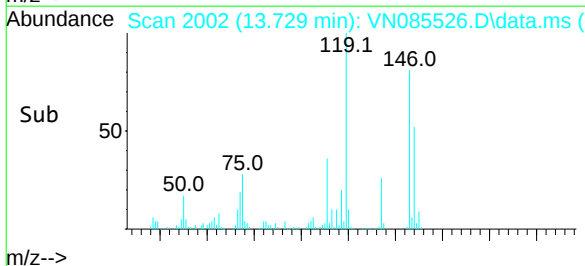
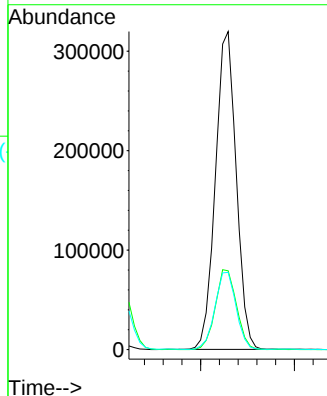
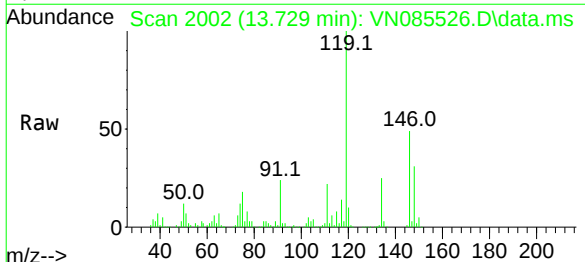
Manual Integrations
 APPROVED

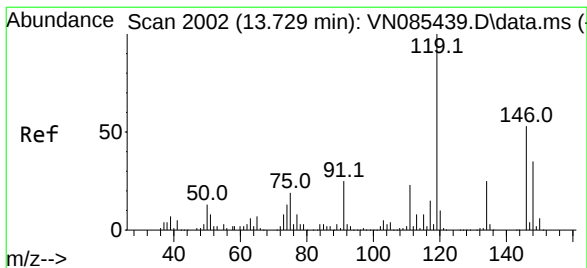
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#86
 p-Isopropyltoluene
 Concen: 53.532 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085526.D
 Acq: 28 Jan 2025 09:53

Tgt Ion:119 Resp: 491281
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 52.335 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085526.D

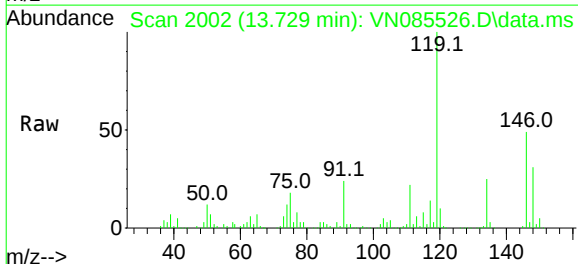
Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

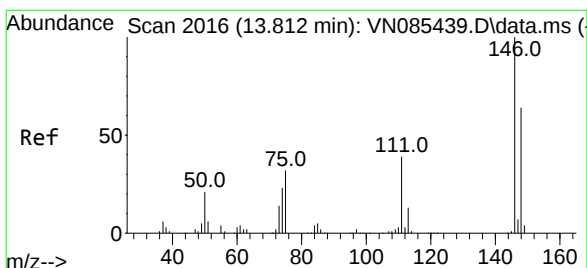
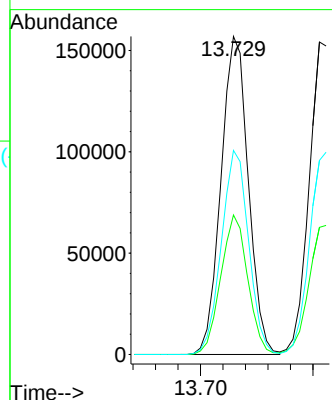
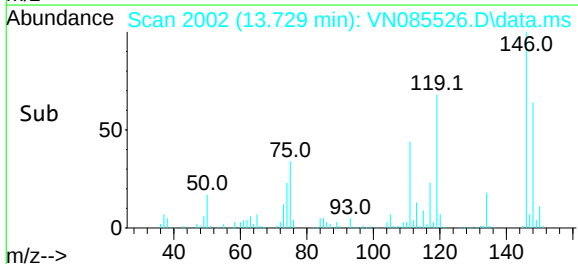
VSTDCCC050



Tgt Ion:	146	Resp:	264631
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	64.1	32.3	96.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#88

1,4-Dichlorobenzene

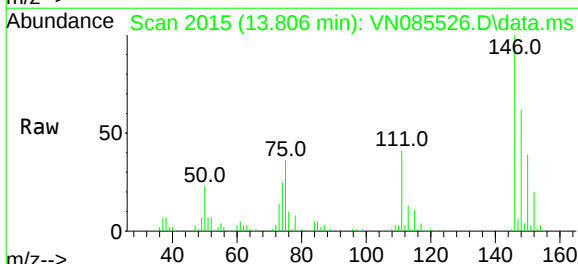
Concen: 50.507 ug/l

RT: 13.806 min Scan# 2015

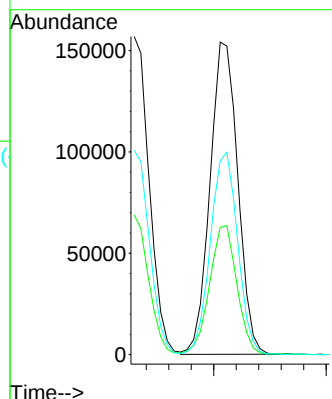
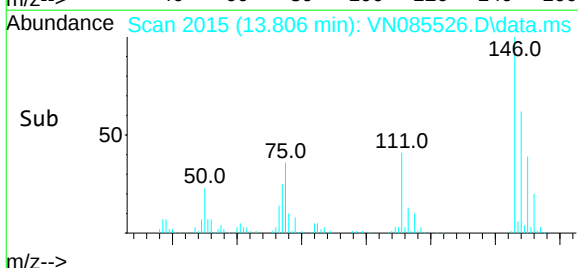
Delta R.T. -0.006 min

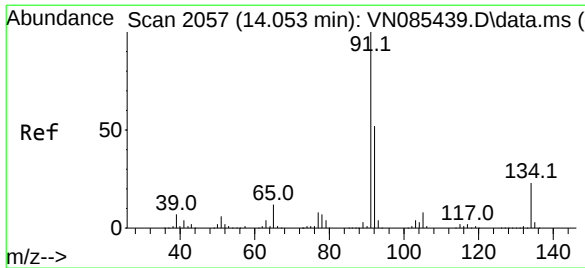
Lab File: VN085526.D

Acq: 28 Jan 2025 09:53



Tgt Ion:	146	Resp:	264719
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	63.7	32.4	97.0





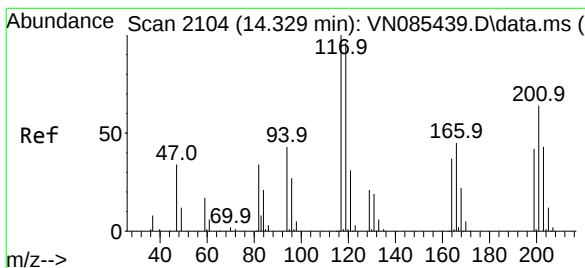
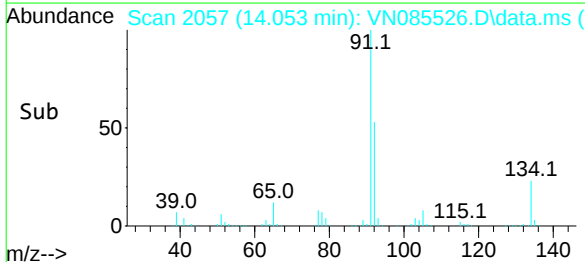
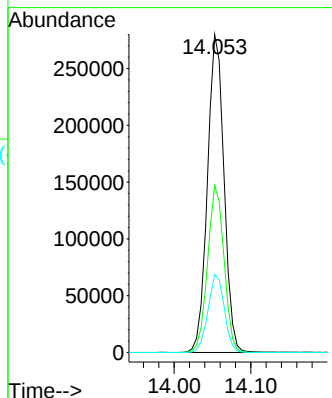
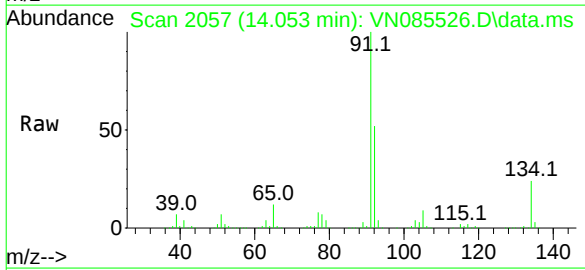
#89
n-Butylbenzene
Concen: 58.013 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 420498
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 24.2 11.7 35.1

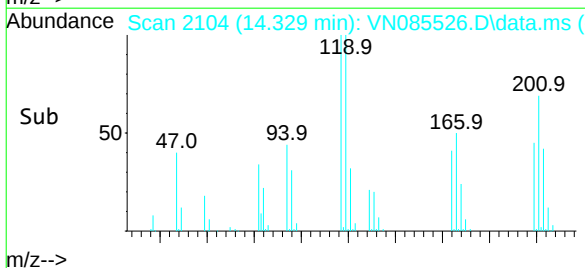
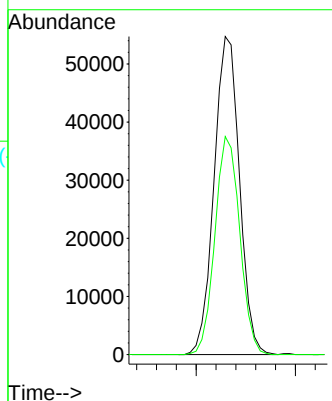
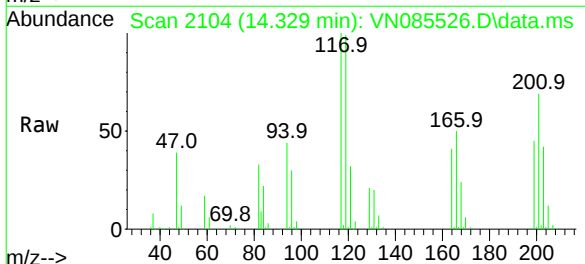
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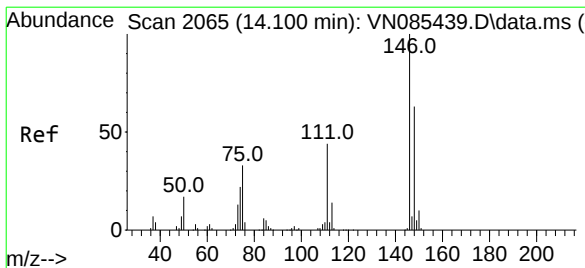
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#90
Hexachloroethane
Concen: 50.630 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:117 Resp: 97383
Ion Ratio Lower Upper
117 100
201 67.0 33.7 101.0





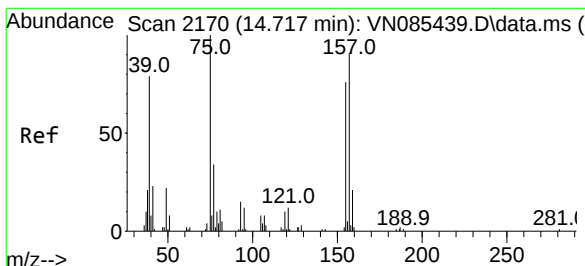
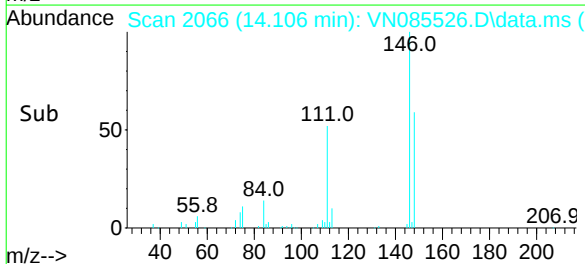
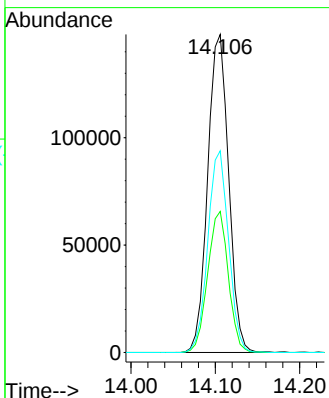
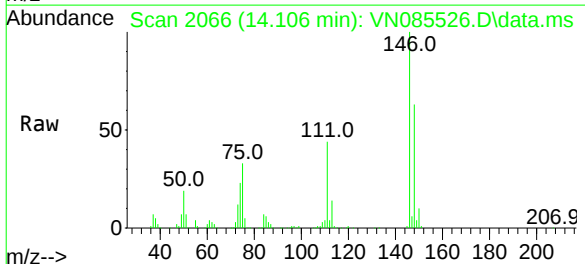
#91
1,2-Dichlorobenzene
Concen: 50.739 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 255916
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 62.7 31.4 94.2

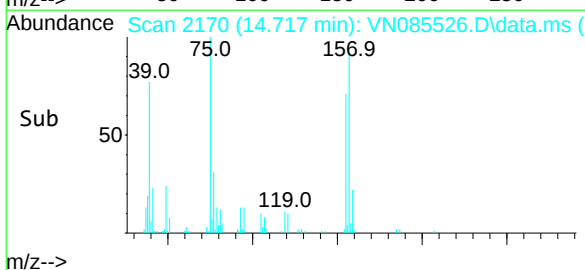
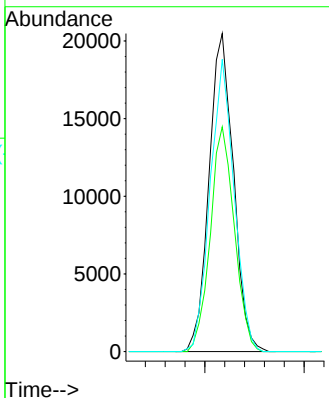
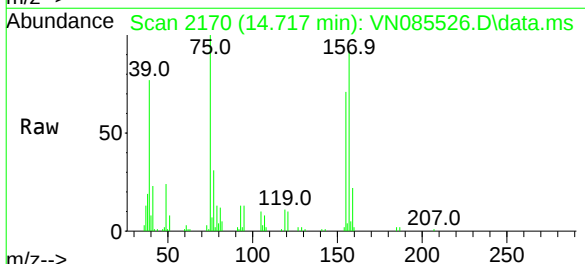
Manual Integrations
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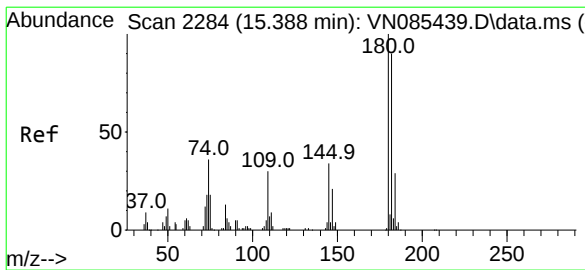
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.620 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

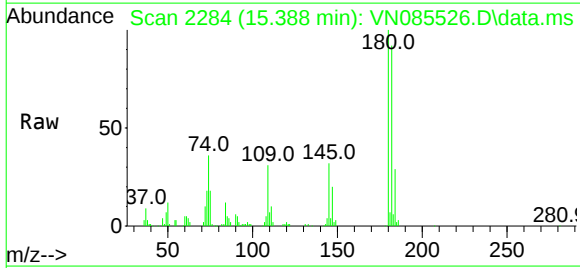
Tgt Ion: 75 Resp: 34993
Ion Ratio Lower Upper
75 100
155 69.5 36.4 109.2
157 90.0 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 54.246 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

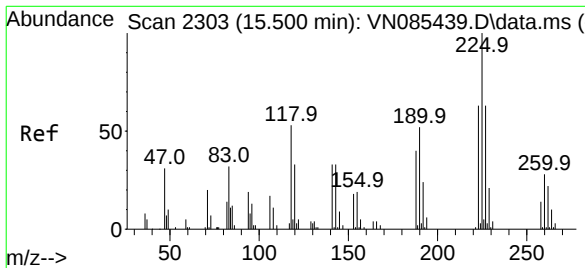
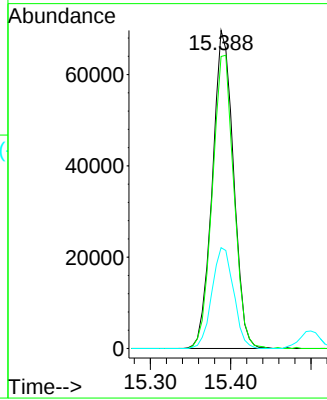
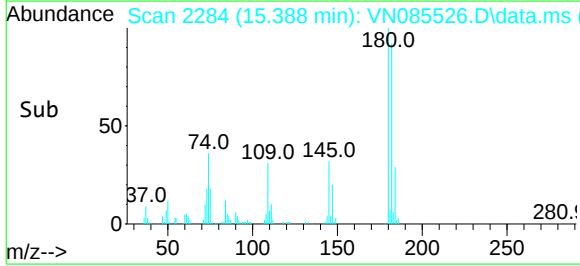
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 127164
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.3
145 32.5 16.0 48.0

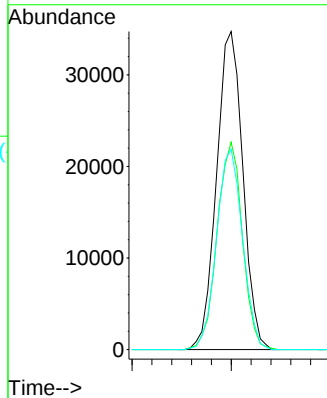
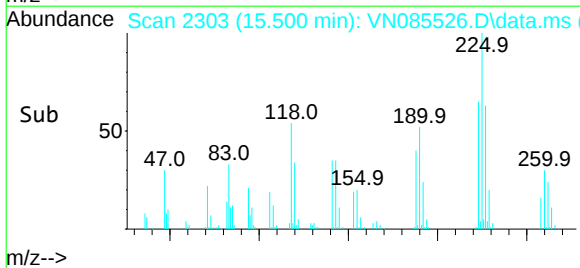
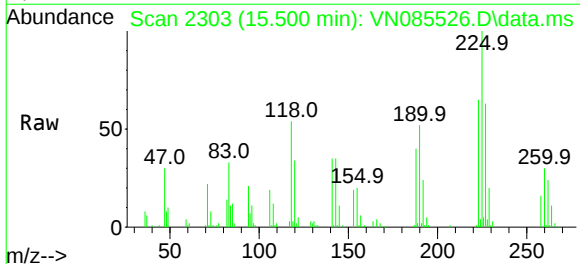
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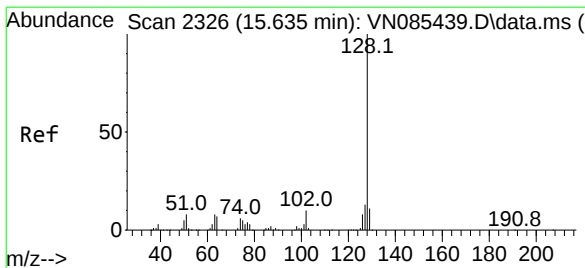
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#94
Hexachlorobutadiene
Concen: 51.348 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085526.D
Acq: 28 Jan 2025 09:53

Tgt Ion:225 Resp: 63906
Ion Ratio Lower Upper
225 100
223 62.8 30.7 92.1
227 62.3 30.9 92.5





#95

Naphthalene

Concen: 52.473 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

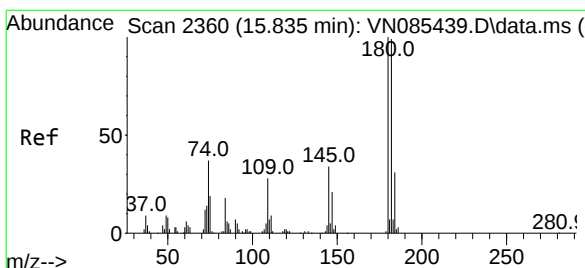
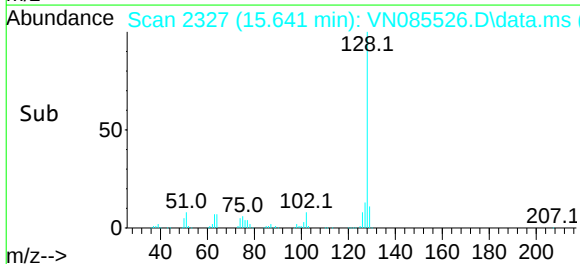
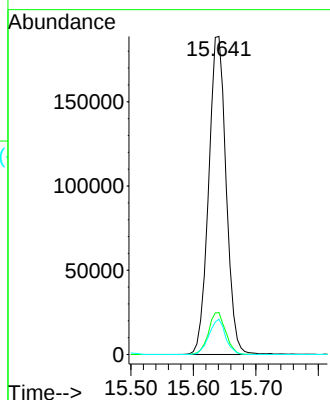
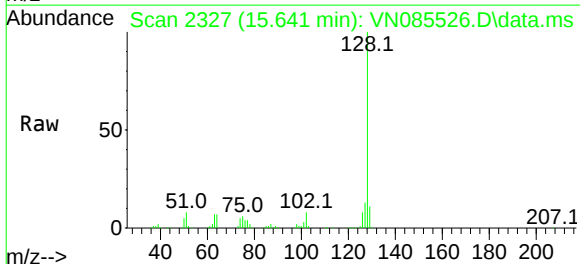
Tgt Ion:	128	Resp:	367063
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.230 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085526.D

Acq: 28 Jan 2025 09:53

Tgt Ion:	180	Resp:	121516
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.2
145	34.5	16.9	50.7

