

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085524.D
 Acq On : 27 Jan 2025 18:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:04:07 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	326438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149394	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	8.165	113	113261	50.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	10.565	98	408294	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.847	95	150152	54.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113811	42.998	ug/l	98
3) Chloromethane	2.359	50	120819	42.158	ug/l	99
4) Vinyl Chloride	2.512	62	125876	43.698	ug/l	99
5) Bromomethane	2.948	94	74346	42.728	ug/l	100
6) Chloroethane	3.112	64	78989	43.252	ug/l	99
7) Trichlorofluoromethane	3.495	101	197864	47.340	ug/l	98
8) Diethyl Ether	3.959	74	68794	47.644	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	114189	48.505	ug/l	97
10) Methyl Iodide	4.589	142	134191	49.776	ug/l	97
11) Tert butyl alcohol	5.512	59	103793	287.244	ug/l	100
12) 1,1-Dichloroethene	4.342	96	101977	48.605	ug/l	98
13) Acrolein	4.177	56	140674	285.191	ug/l	98
14) Allyl chloride	5.024	41	183005	53.754	ug/l	92
15) Acrylonitrile	5.712	53	303525	264.456	ug/l	100
16) Acetone	4.424	43	259629	254.635	ug/l	100
17) Carbon Disulfide	4.712	76	253961	39.313	ug/l	98
18) Methyl Acetate	5.018	43	172920	55.772	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	372873	54.733	ug/l	98
20) Methylene Chloride	5.271	84	117951	46.729	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	104013	46.388	ug/l	96
22) Diisopropyl ether	6.665	45	394458	52.201	ug/l	98
23) Vinyl Acetate	6.600	43	1433922	271.151	ug/l	100
24) 1,1-Dichloroethane	6.565	63	225849	49.016	ug/l	99
25) 2-Butanone	7.477	43	409881	273.172	ug/l	99
26) 2,2-Dichloropropane	7.489	77	194573	52.231	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	130270	49.327	ug/l	97
28) Bromochloromethane	7.812	49	100652	46.954	ug/l	98
29) Tetrahydrofuran	7.836	42	266013	279.634	ug/l	99
30) Chloroform	7.959	83	235754	49.506	ug/l	98
31) Cyclohexane	8.253	56	172463	43.064	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	207732	49.730	ug/l	97
36) 1,1-Dichloropropene	8.365	75	151368	47.624	ug/l	98
37) Ethyl Acetate	7.559	43	167621	52.248	ug/l	98
38) Carbon Tetrachloride	8.359	117	180906	49.716	ug/l	97
39) Methylcyclohexane	9.600	83	149308	49.990	ug/l	98
40) Benzene	8.600	78	476956	49.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	91194	54.637	ug/l	100
42) 1,2-Dichloroethane	8.665	62	183028	50.885	ug/l	99
43) Isopropyl Acetate	8.683	43	280044	54.477	ug/l	99
44) Trichloroethene	9.347	130	108863	48.970	ug/l	94
45) 1,2-Dichloropropane	9.618	63	123503	50.629	ug/l	100
46) Dibromomethane	9.706	93	86174	48.958	ug/l	96
47) Bromodichloromethane	9.883	83	187790	52.368	ug/l	99
48) Methyl methacrylate	9.677	41	134347	58.074	ug/l	99
49) 1,4-Dioxane	9.688	88	46159	1184.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	873433	292.802	ug/l	100
52) Toluene	10.630	92	294190	53.165	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	185443	54.722	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	194018	53.599	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	115506	52.745	ug/l	96
56) Ethyl methacrylate	10.871	69	184203	49.936	ug/l	99
57) 1,3-Dichloropropane	11.159	76	200950	52.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	358750	258.151	ug/l	100
59) 2-Hexanone	11.194	43	636837	303.408	ug/l	100
60) Dibromochloromethane	11.359	129	139426	52.737	ug/l	98
61) 1,2-Dibromoethane	11.465	107	113079	51.875	ug/l	100
64) Tetrachloroethene	11.100	164	98858	48.802	ug/l	98
65) Chlorobenzene	11.888	112	320979	49.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	119250	49.915	ug/l	98
67) Ethyl Benzene	11.959	91	562927	53.096	ug/l	97
68) m/p-Xylenes	12.071	106	430655	109.908	ug/l	100
69) o-Xylene	12.394	106	206706	55.201	ug/l	99
70) Styrene	12.412	104	355405	57.349	ug/l	99
71) Bromoform	12.576	173	93545	54.724	ug/l #	98
73) Isopropylbenzene	12.694	105	530349	53.288	ug/l	99
74) N-amyl acetate	12.494	43	242342	54.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	173604	49.380	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	140966m	47.032	ug/l	
77) Bromobenzene	12.976	156	128828	49.545	ug/l	100
78) n-propylbenzene	13.035	91	631069	53.561	ug/l	100
79) 2-Chlorotoluene	13.123	91	389778	51.116	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	448093	54.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	60076	54.230	ug/l	91
82) 4-Chlorotoluene	13.218	91	389984	51.364	ug/l	100
83) tert-Butylbenzene	13.435	119	370667	53.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	452976	55.284	ug/l	99
85) sec-Butylbenzene	13.612	105	522355	54.592	ug/l	100
86) p-Isopropyltoluene	13.729	119	433479	50.276	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	241073	50.343	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	235549	47.456	ug/l	98
89) n-Butylbenzene	14.053	91	360467	52.513	ug/l	99
90) Hexachloroethane	14.329	117	88199	48.421	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	232695	48.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34097	53.112	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	109935	49.520	ug/l	100
94) Hexachlorobutadiene	15.500	225	54675	46.389	ug/l	98
95) Naphthalene	15.635	128	343781	51.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	107148	47.699	ug/l	98

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

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

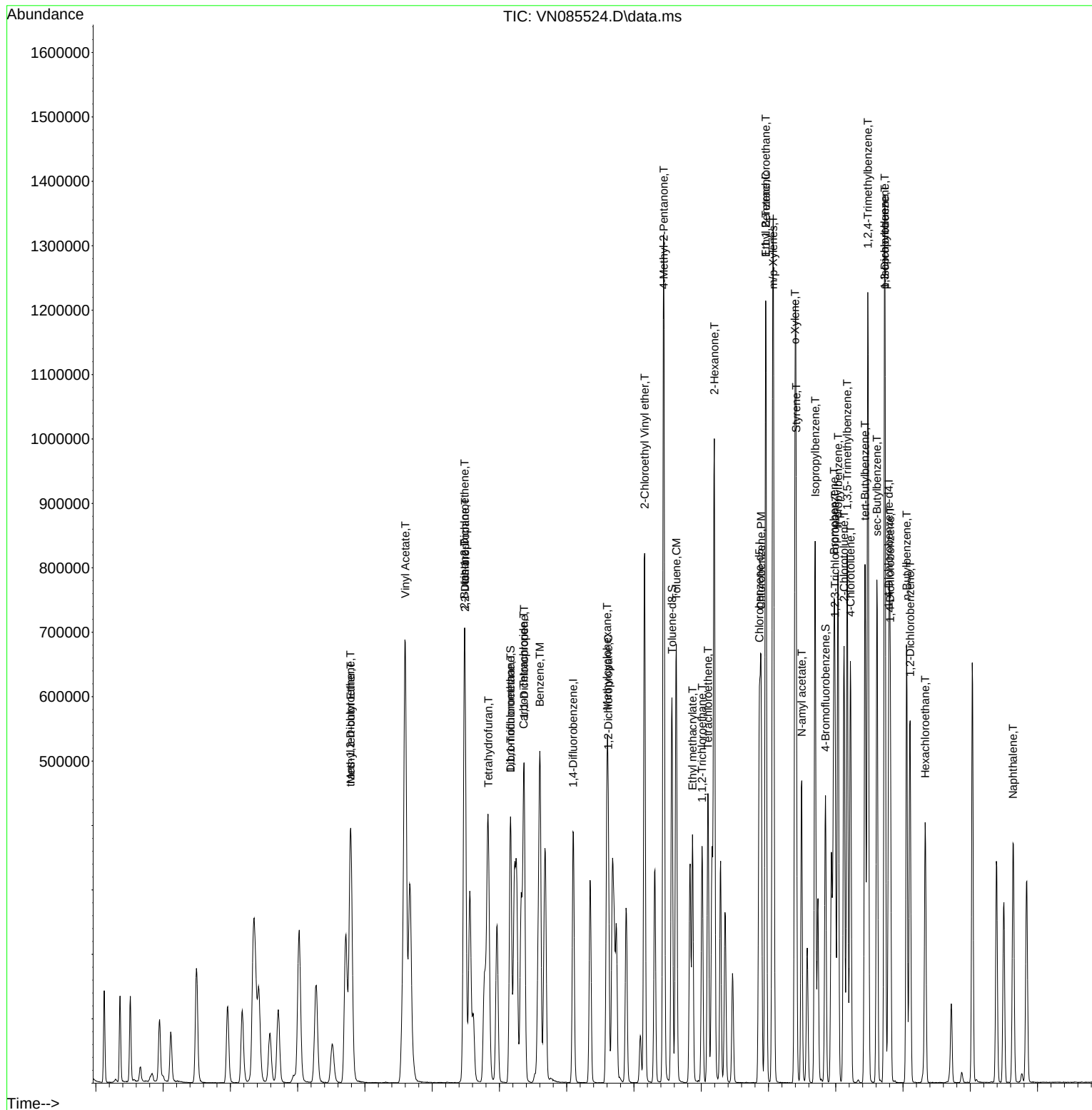
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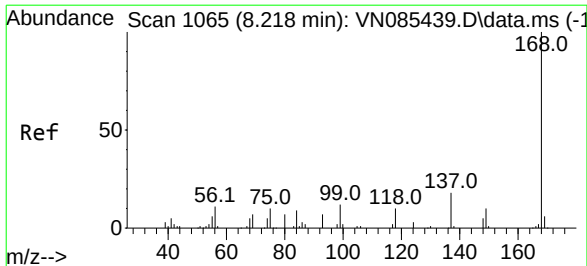
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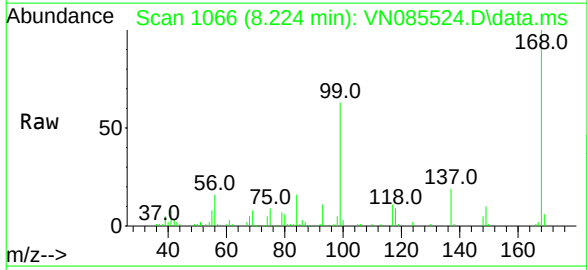
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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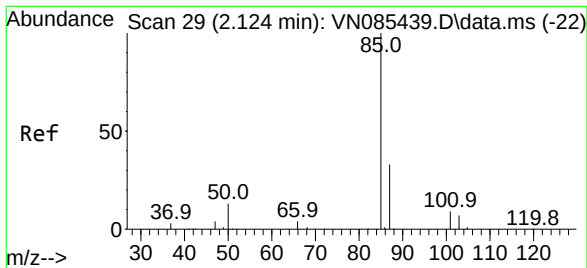
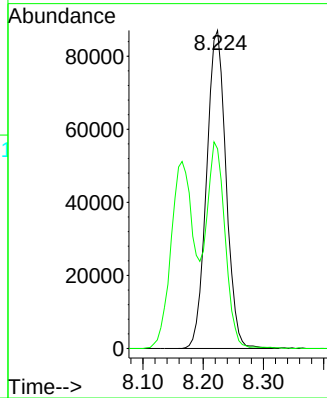
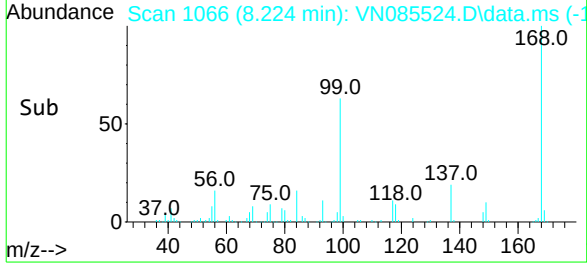
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Tgt Ion:168 Resp: 195491
Ion Ratio Lower Upper
168 100
99 62.5 53.6 80.4

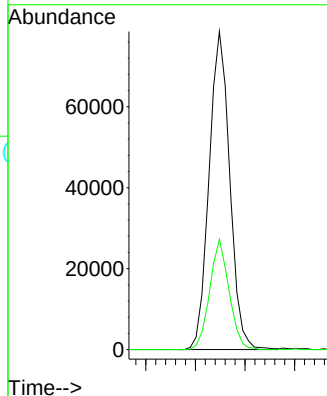
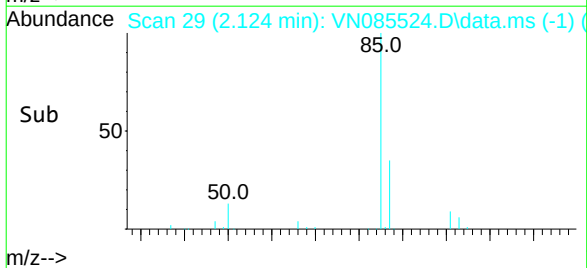
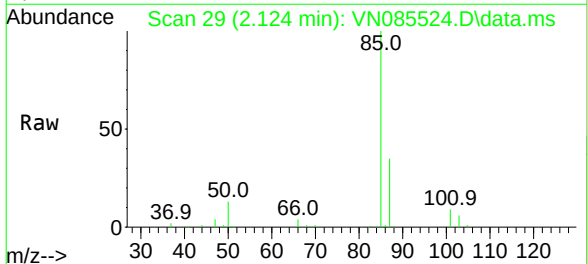
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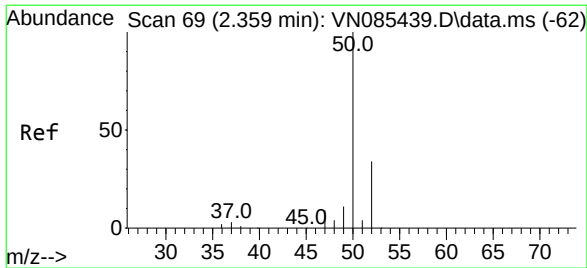
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#2
Dichlorodifluoromethane
Concen: 42.998 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 85 Resp: 113811
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1





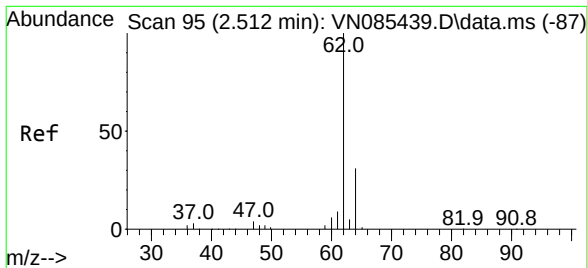
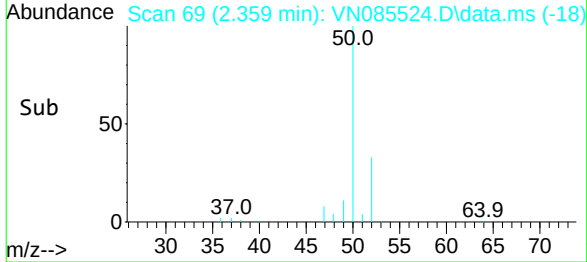
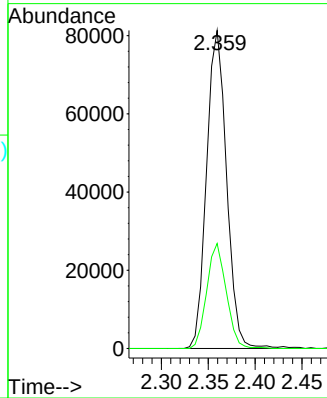
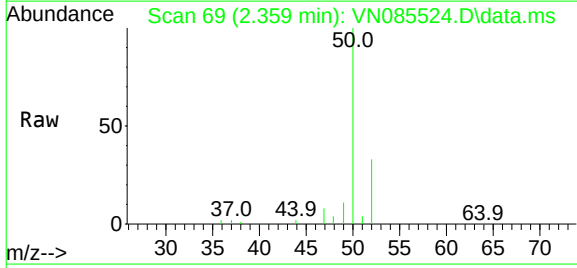
#3
Chloromethane
Concen: 42.158 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085524.D
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Tgt Ion: 50 Resp: 120819
Ion Ratio Lower Upper
50 100
52 33.0 27.0 40.6

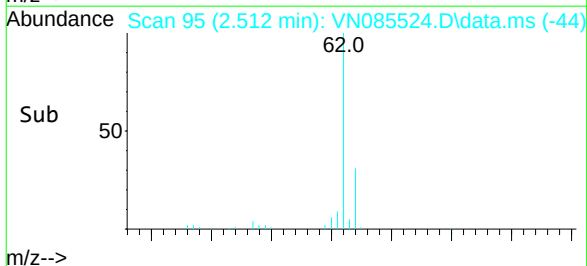
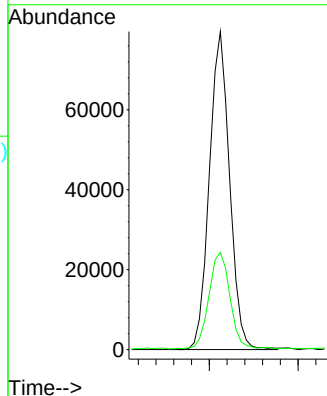
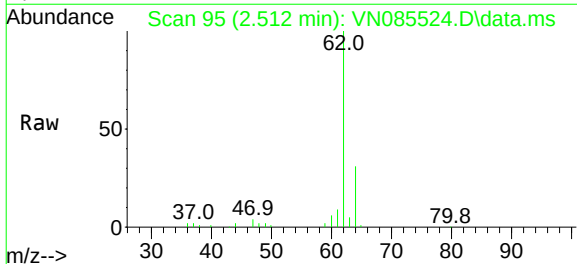
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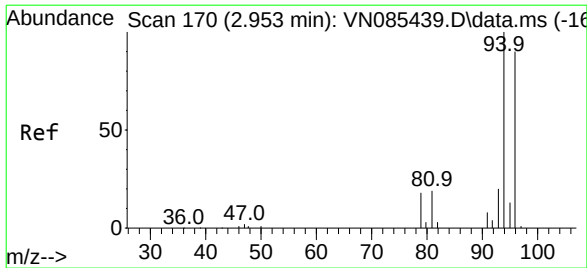
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#4
Vinyl Chloride
Concen: 43.698 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 62 Resp: 125876
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2





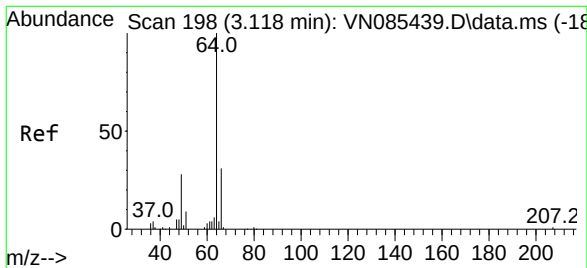
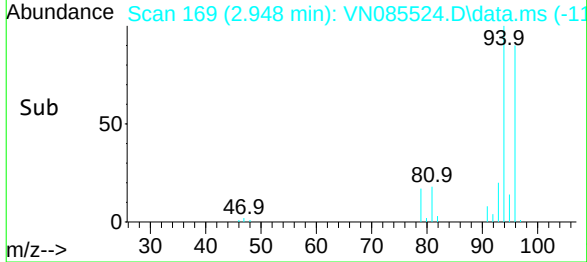
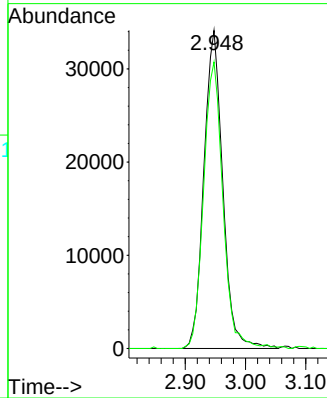
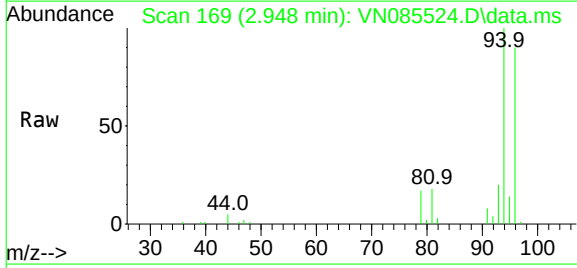
#5
Bromomethane
Concen: 42.728 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 74346
Ion Ratio Lower Upper
94 100
96 90.1 71.8 107.6

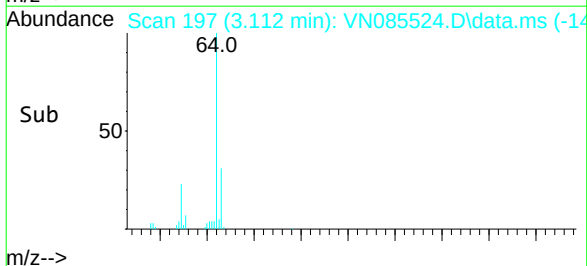
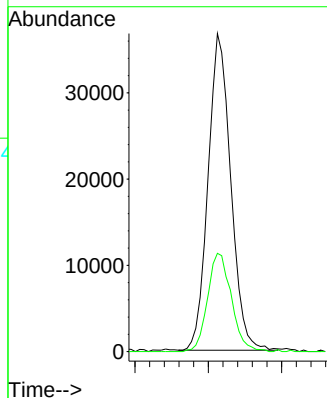
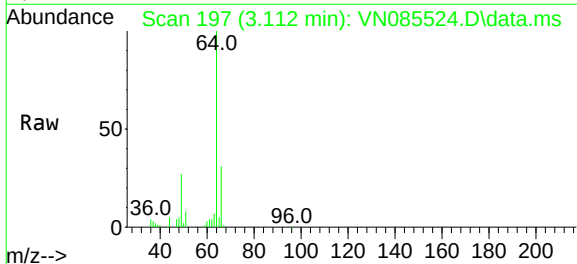
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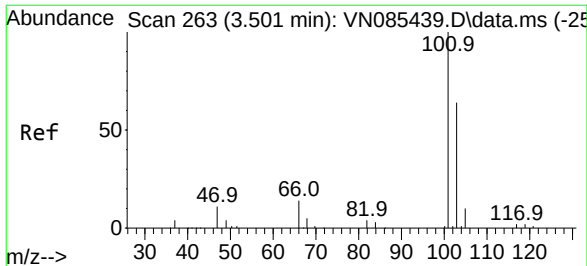
Reviewed By :John Carlone 01/28/2025
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#6
Chloroethane
Concen: 43.252 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085524.D
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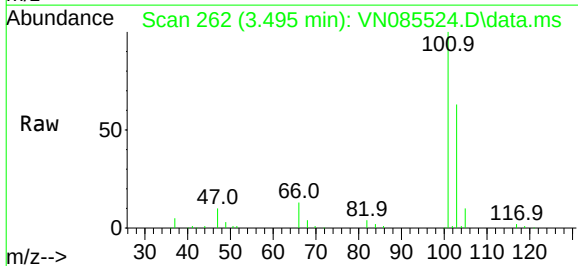
Tgt Ion: 64 Resp: 78989
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 47.340 ug/l
 RT: 3.495 min Scan# 26
 Delta R.T. -0.006 min
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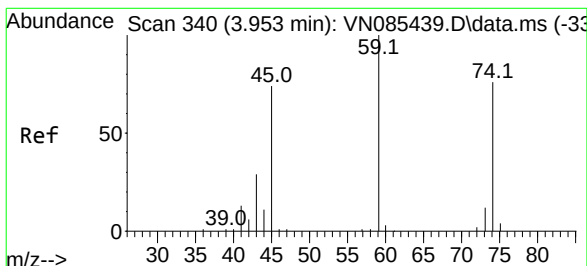
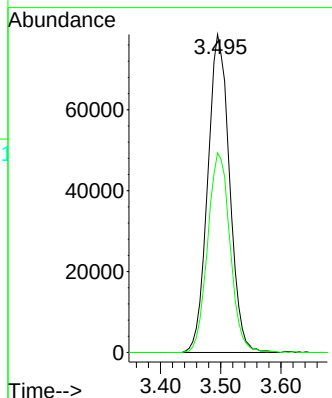
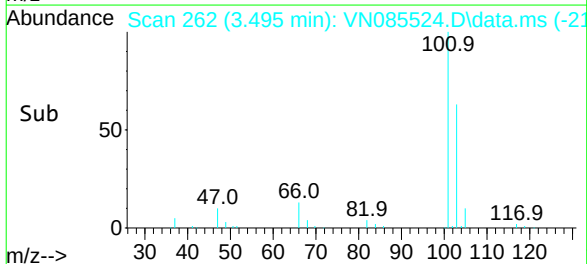
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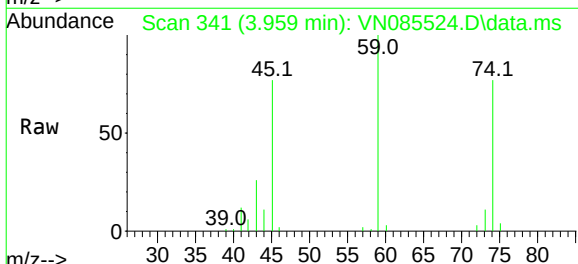
Tgt Ion:101 Resp: 197864
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.4 77.2

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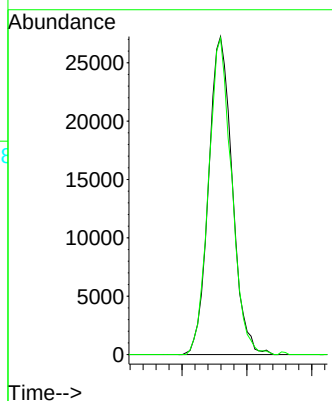
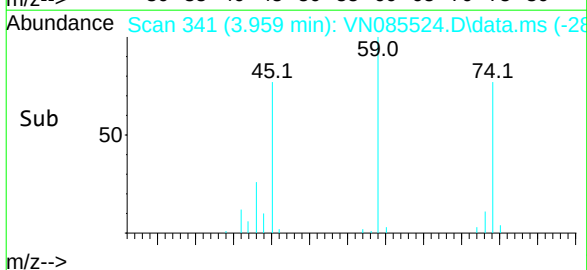
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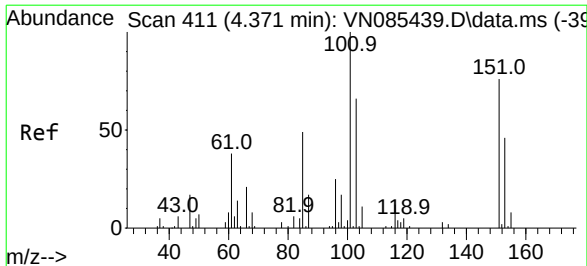


#8
 Diethyl Ether
 Concen: 47.644 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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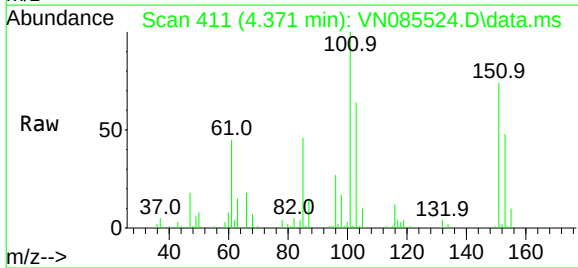
Tgt Ion: 74 Resp: 68794
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.505 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

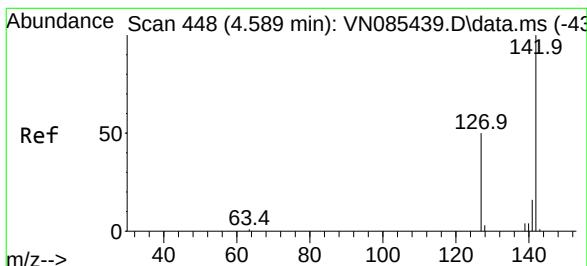
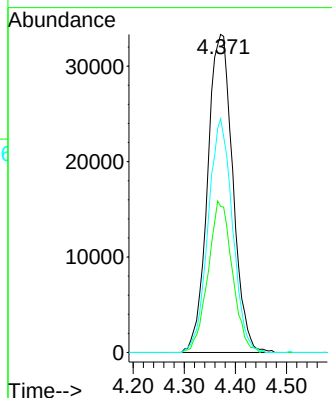
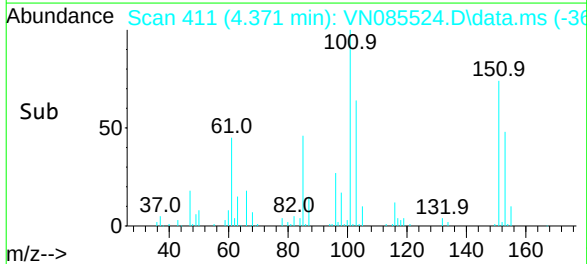
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 114189
Ion Ratio Lower Upper
101 100
85 45.8 37.8 56.8
151 70.9 58.8 88.2

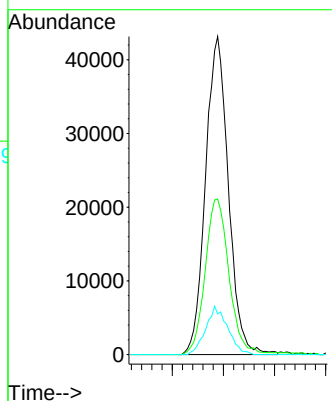
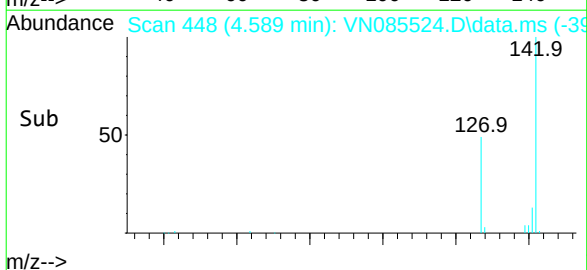
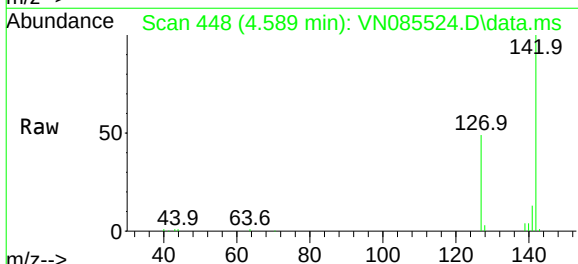
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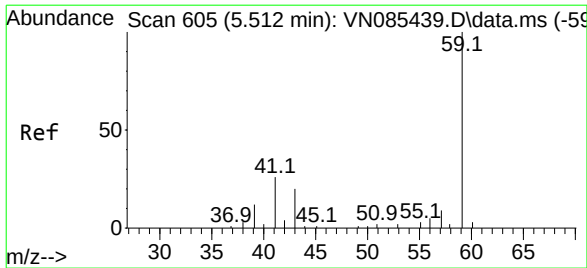
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#10
Methyl Iodide
Concen: 49.776 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:142 Resp: 134191
Ion Ratio Lower Upper
142 100
127 48.9 40.3 60.5
141 12.8 12.8 19.2





#11

Tert butyl alcohol

Concen: 287.244 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 103793

Ion Ratio Lower Upper

59 100

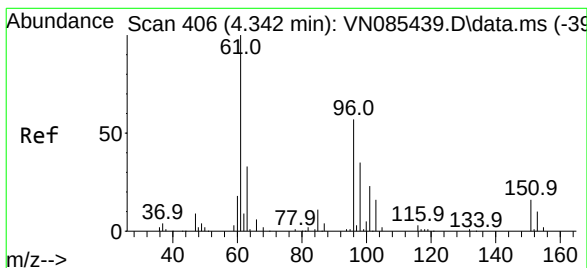
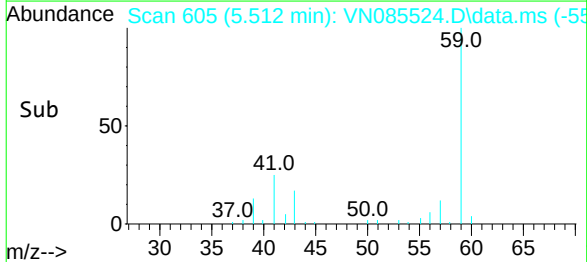
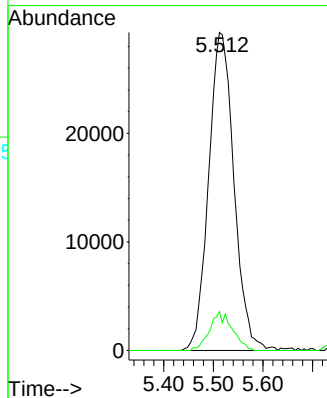
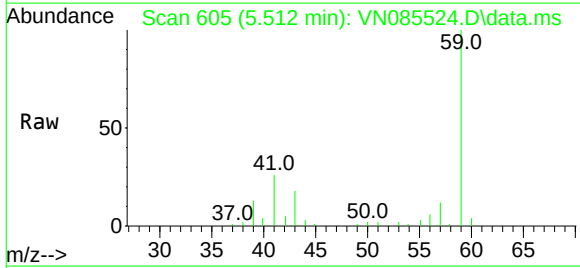
57 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#12

1,1-Dichloroethene

Concen: 48.605 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

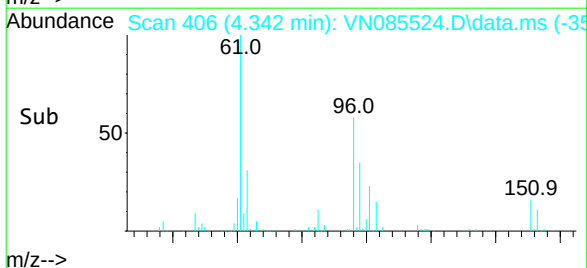
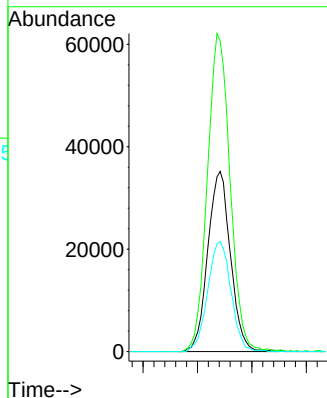
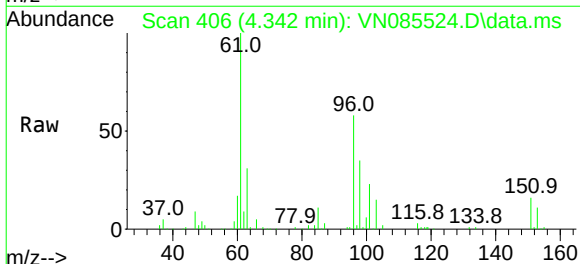
Tgt Ion: 96 Resp: 101977

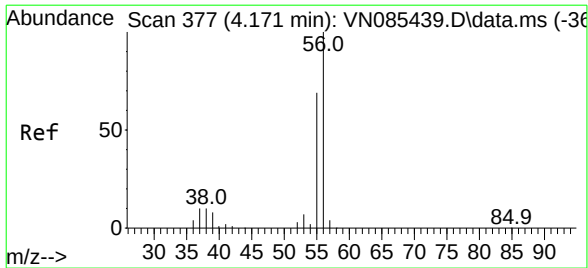
Ion Ratio Lower Upper

96 100

61 172.6 141.0 211.4

98 61.1 49.0 73.6





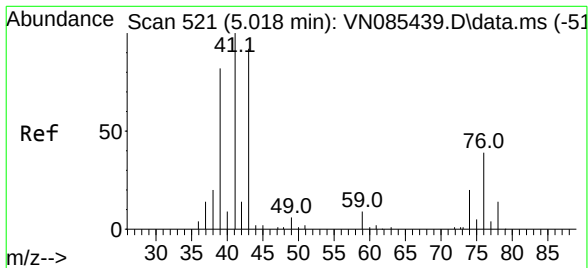
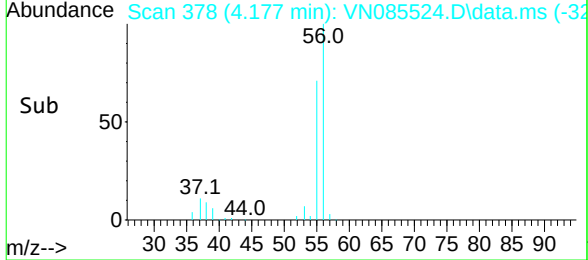
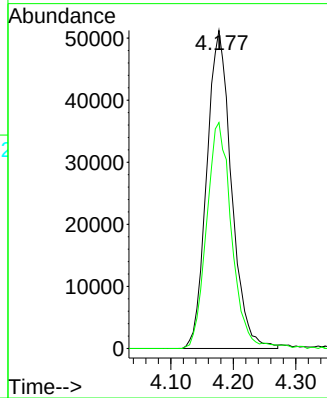
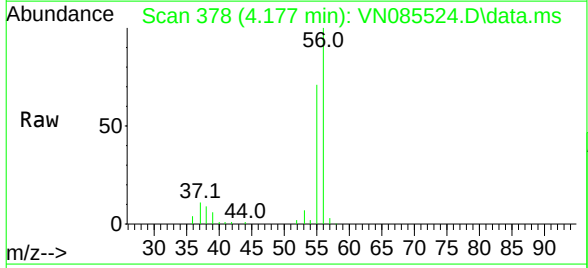
#13
Acrolein
Concen: 285.191 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 140674
Ion Ratio Lower Upper
56 100
55 72.1 56.3 84.5

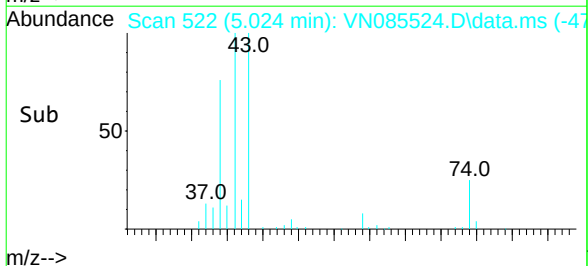
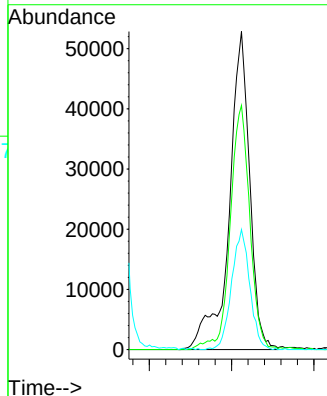
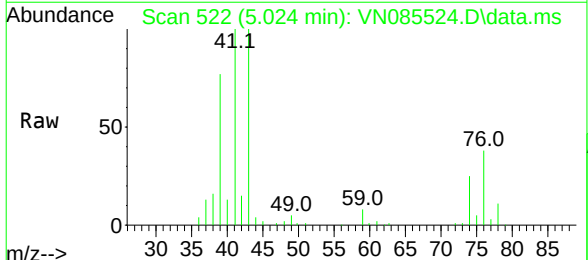
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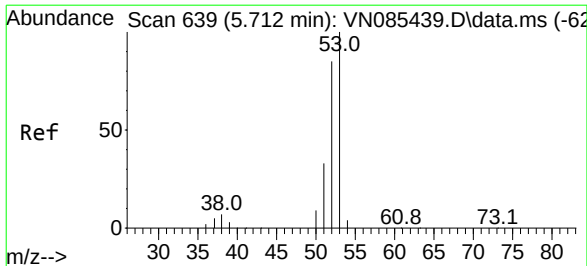
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#14
Allyl chloride
Concen: 53.754 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

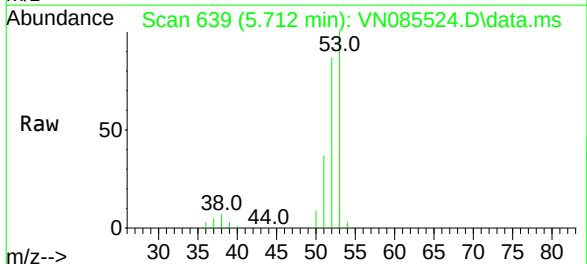
Tgt Ion: 41 Resp: 183005
Ion Ratio Lower Upper
41 100
39 73.2 64.4 96.6
76 33.4 30.5 45.7





#15
Acrylonitrile
Concen: 264.456 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

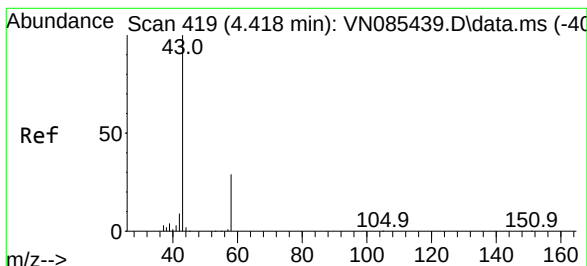
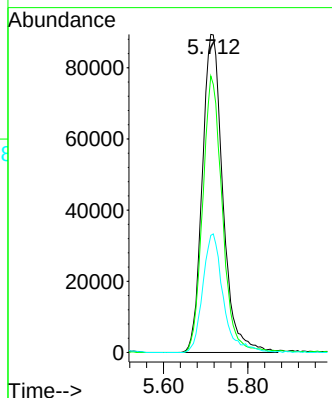
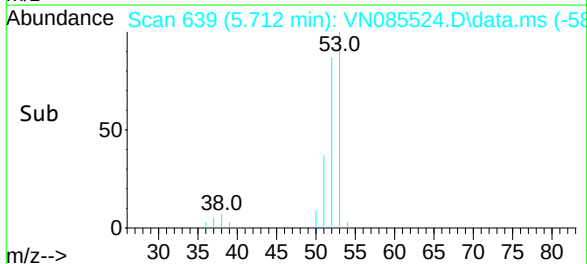
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 303525
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 37.1 29.8 44.8

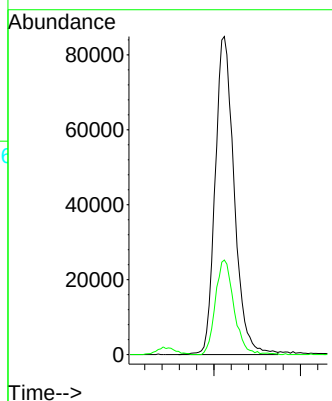
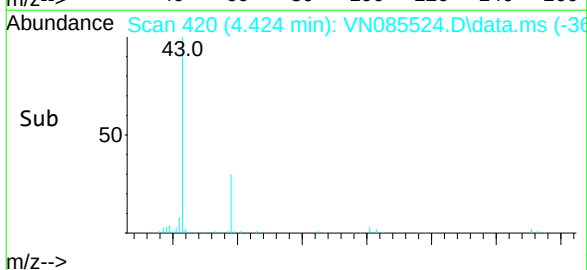
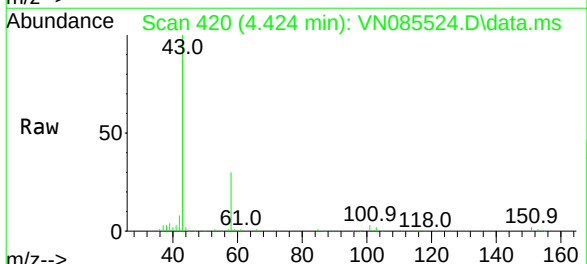
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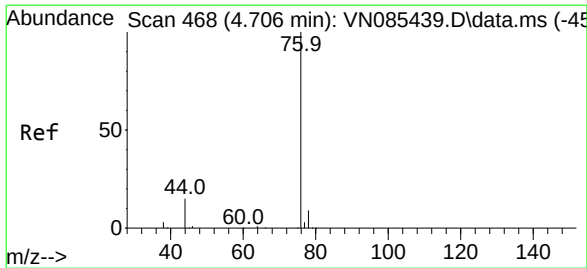
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#16
Acetone
Concen: 254.635 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 43 Resp: 259629
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.6





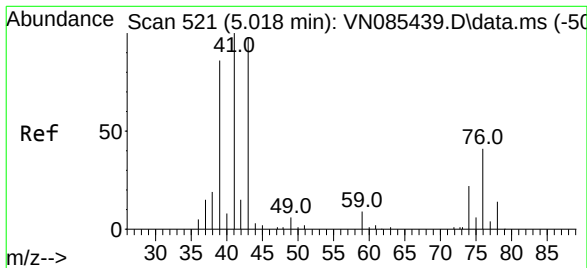
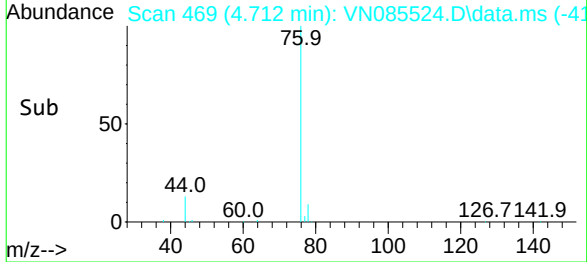
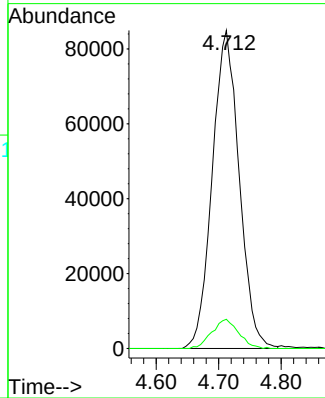
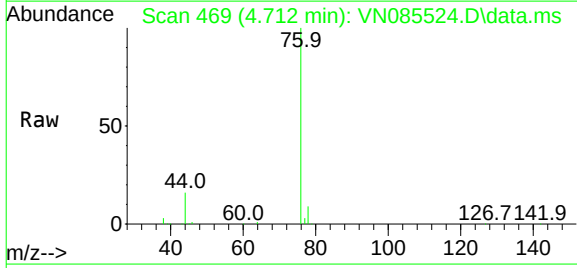
#17
Carbon Disulfide
Concen: 39.313 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 253961
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

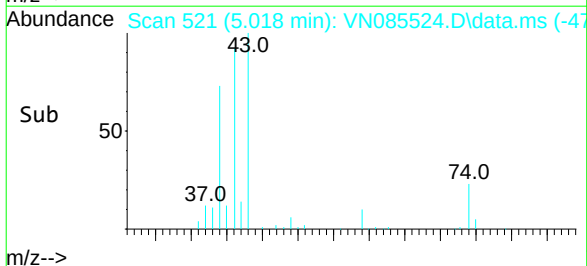
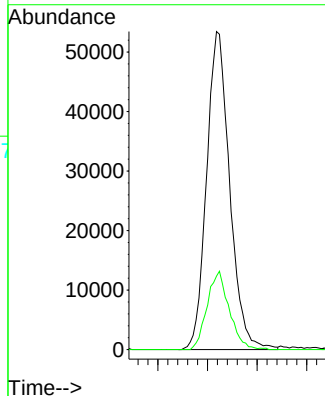
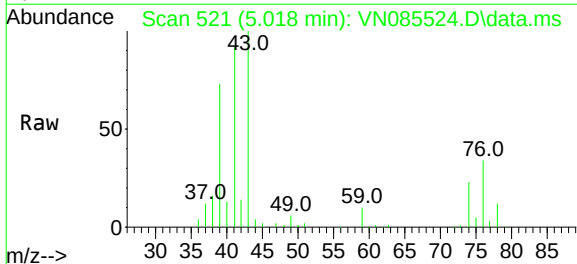
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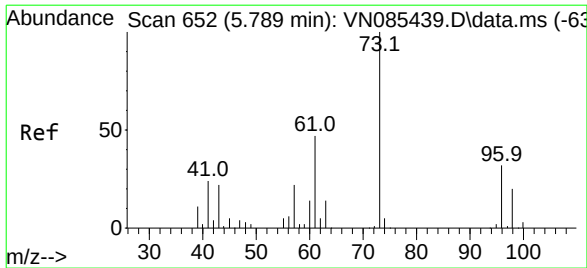
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#18
Methyl Acetate
Concen: 55.772 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 43 Resp: 172920
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 54.733 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 372873

Ion Ratio Lower Upper

73 100

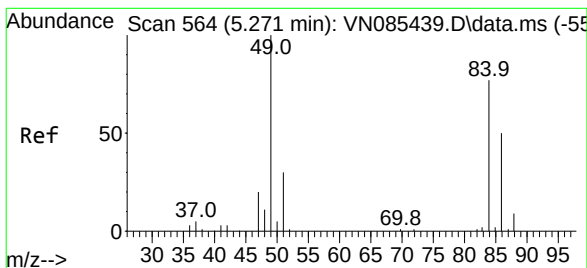
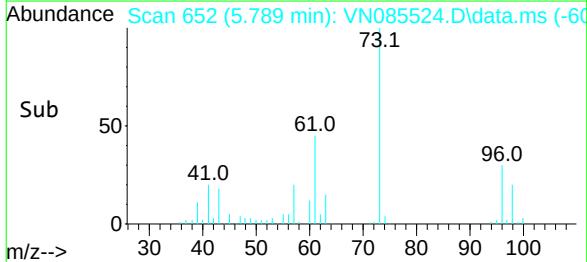
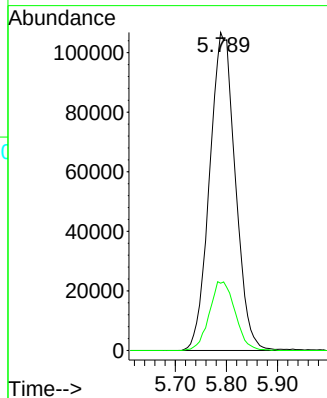
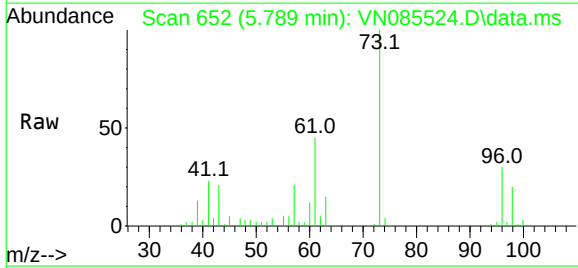
57 21.1 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#20

Methylene Chloride

Concen: 46.729 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Tgt Ion: 84 Resp: 117951

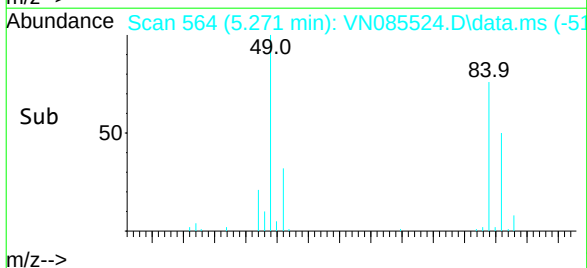
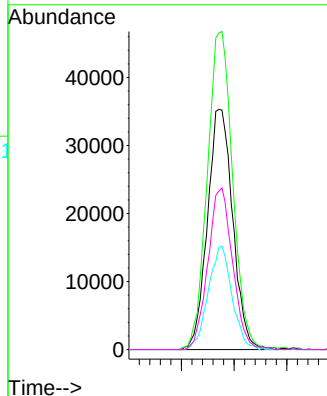
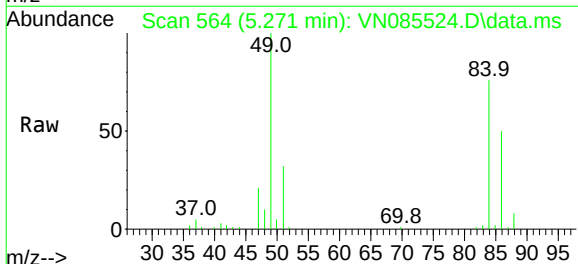
Ion Ratio Lower Upper

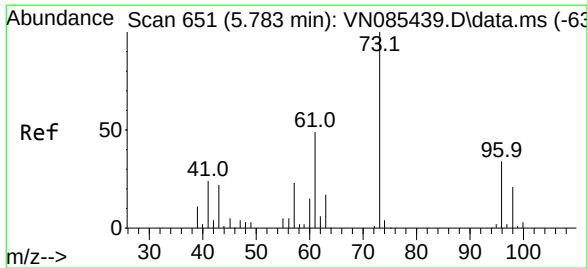
84 100

49 131.9 104.1 156.1

51 42.6 31.0 46.4

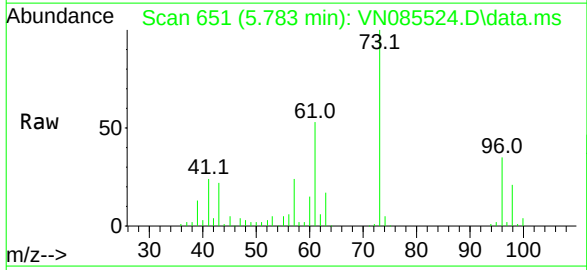
86 66.0 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 46.388 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

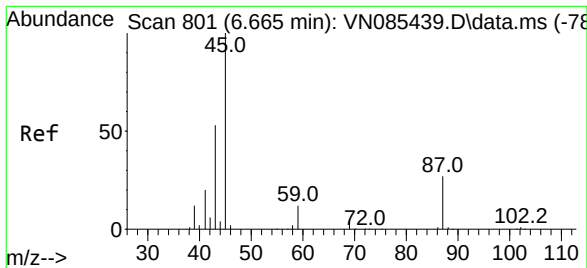
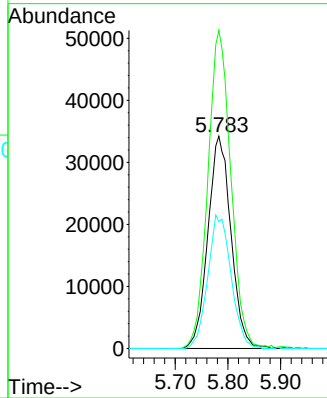
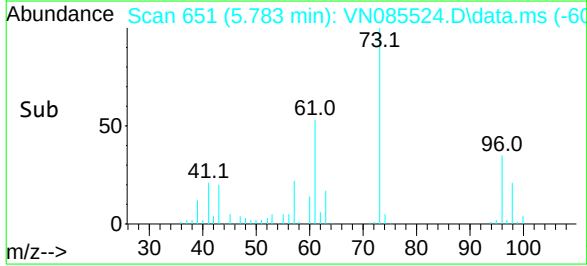
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



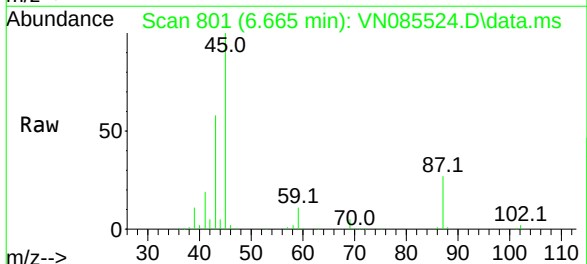
Tgt Ion: 96 Resp: 104013
Ion Ratio Lower Upper
96 100
61 149.8 115.7 173.5
98 59.8 49.8 74.8

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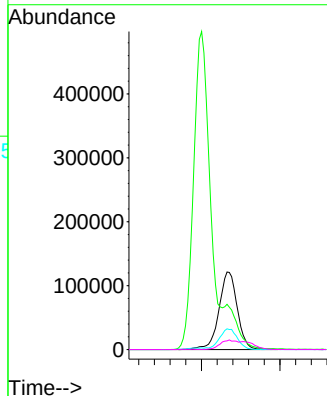
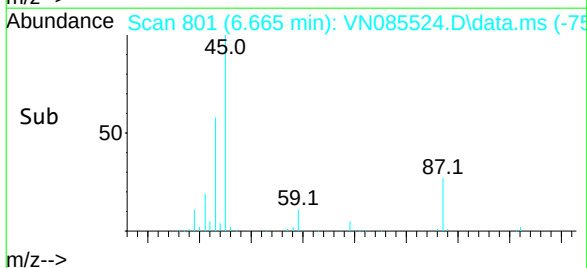
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

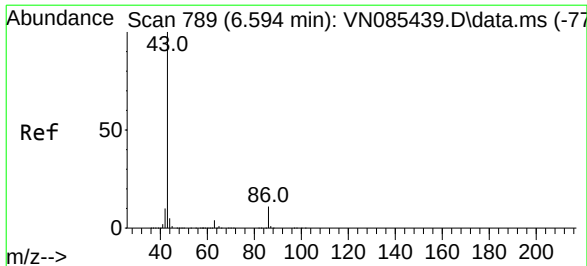


#22
Diisopropyl ether
Concen: 52.201 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22



Tgt Ion: 45 Resp: 394458
Ion Ratio Lower Upper
45 100
43 57.6 45.0 67.6
87 26.6 21.8 32.8
59 11.1 10.2 15.2





#23

Vinyl Acetate

Concen: 271.151 ug/l

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1433922

Ion Ratio Lower Upper

43 100

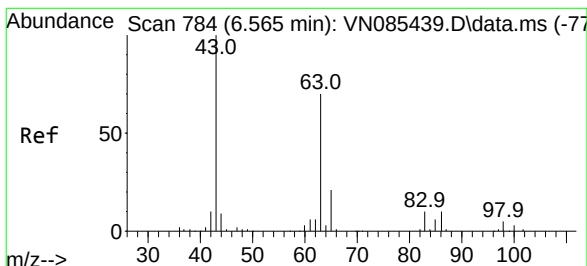
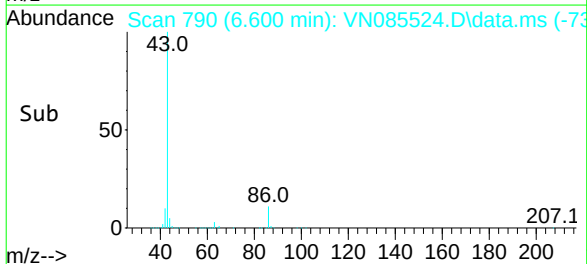
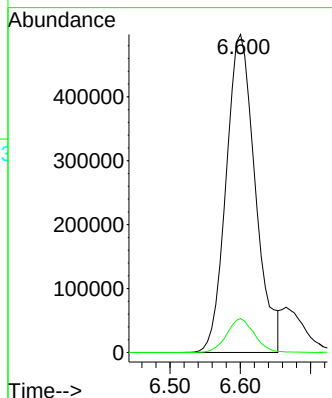
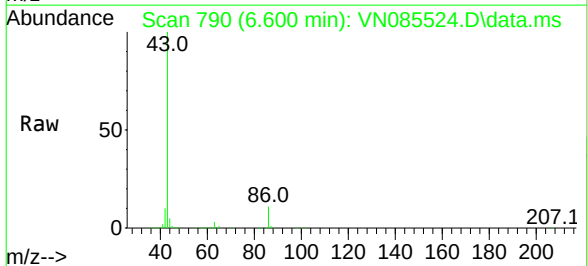
86 10.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#24

1,1-Dichloroethane

Concen: 49.016 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

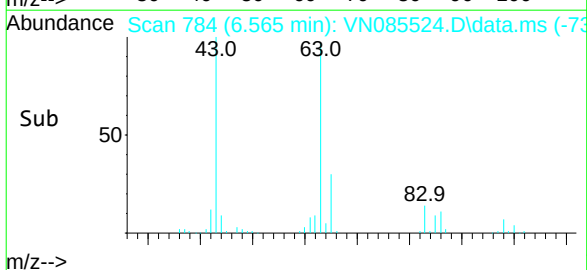
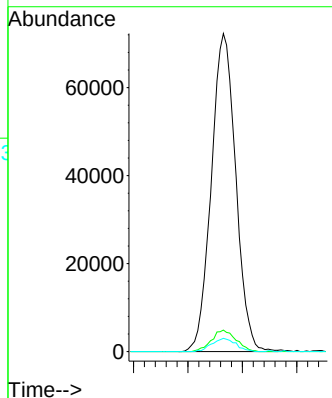
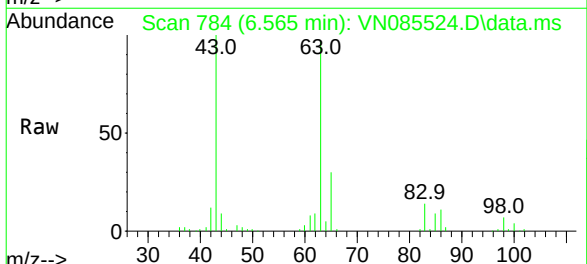
Tgt Ion: 63 Resp: 225849

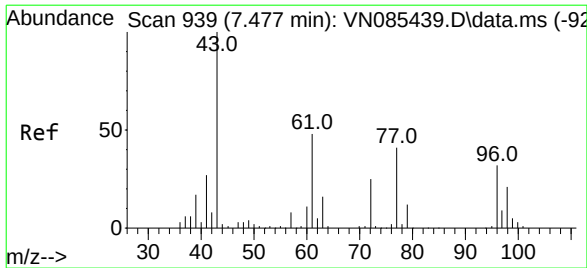
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.2 2.0 6.0





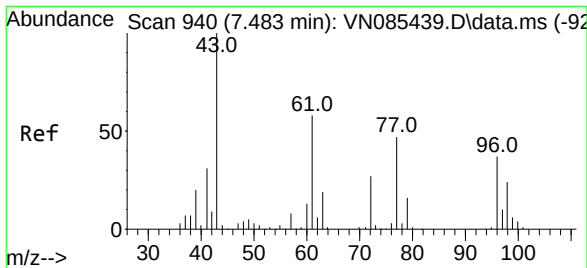
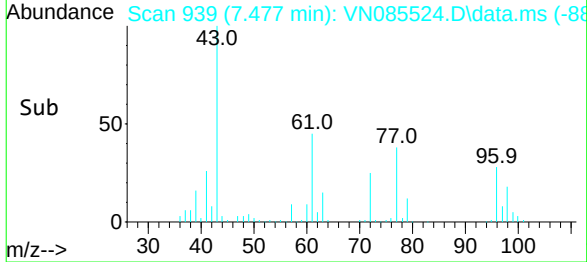
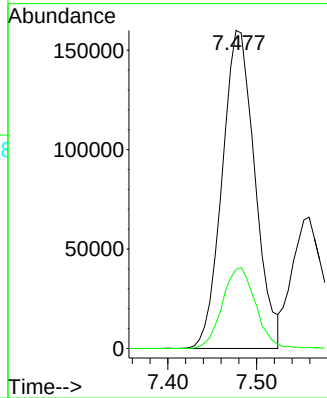
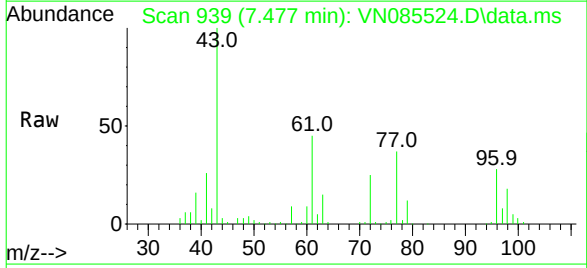
#25
2-Butanone
Concen: 273.172 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 409881
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.4

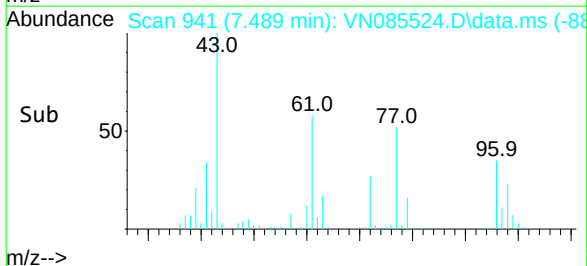
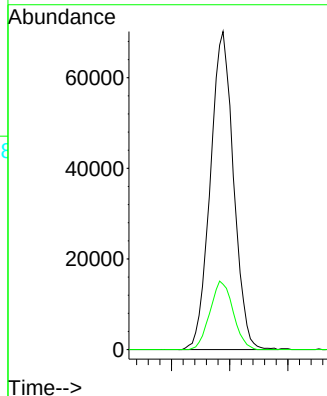
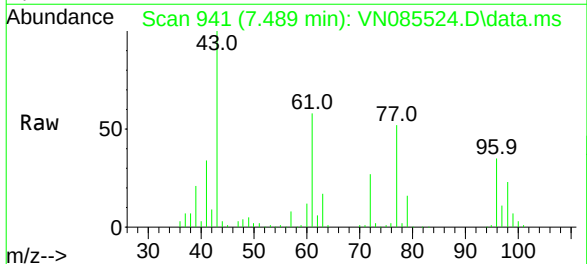
Manual Integrations
APPROVED

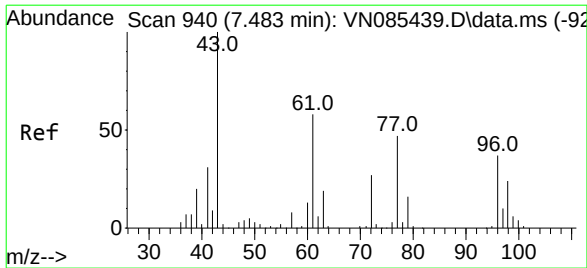
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#26
2,2-Dichloropropane
Concen: 52.231 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 77 Resp: 194573
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1





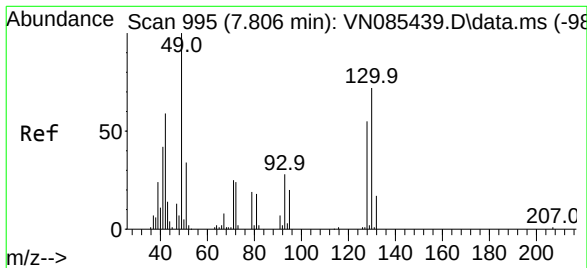
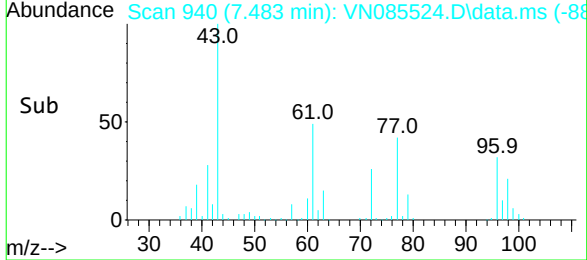
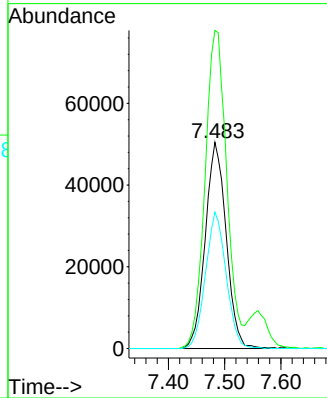
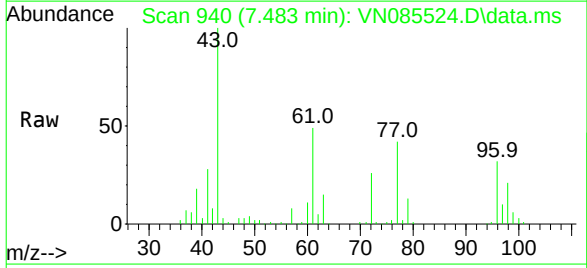
#27
 cis-1,2-Dichloroethene
 Concen: 49.327 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96	Resp: 130270
Ion Ratio	Lower Upper
96	100
61	160.4 0.0 311.8
98	65.4 0.0 126.0

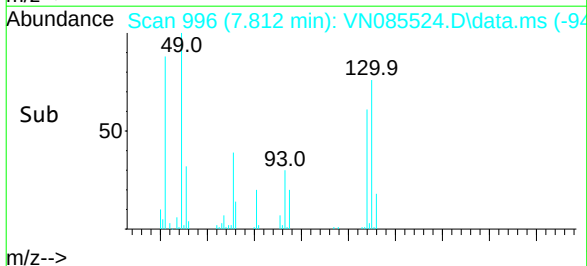
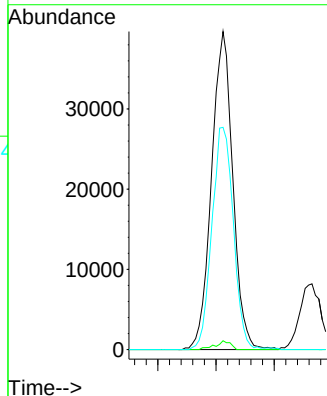
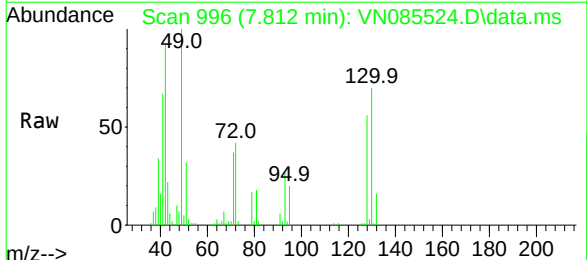
Manual Integrations
 APPROVED

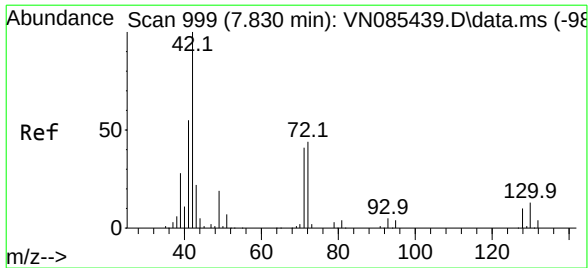
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025



#28
 Bromochloromethane
 Concen: 46.954 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

Tgt Ion: 49	Resp: 100652
Ion Ratio	Lower Upper
49	100
129	2.0 0.0 4.4
130	70.5 55.0 82.4





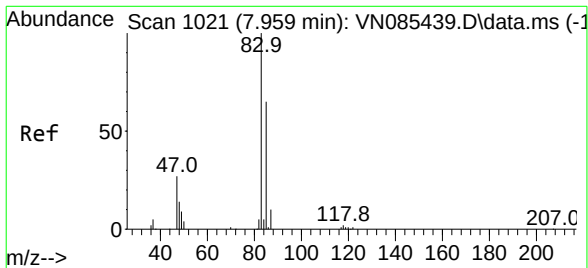
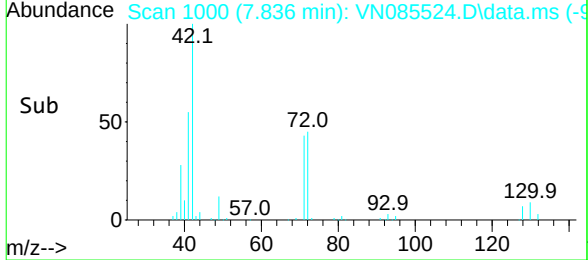
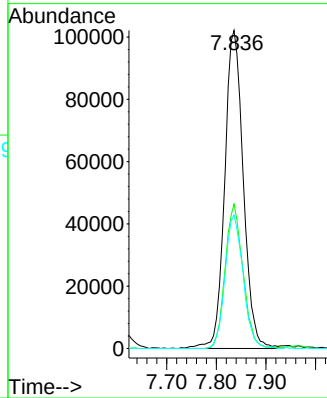
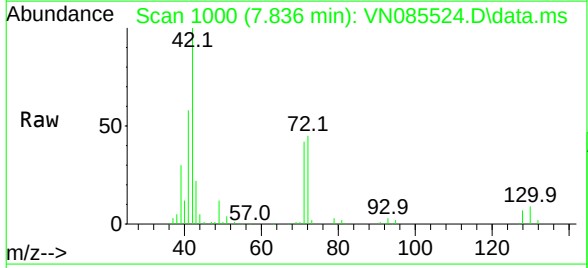
#29
Tetrahydrofuran
Concen: 279.634 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 266013
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.2
71 40.8 32.5 48.7

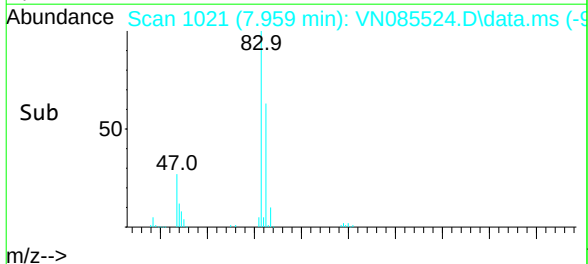
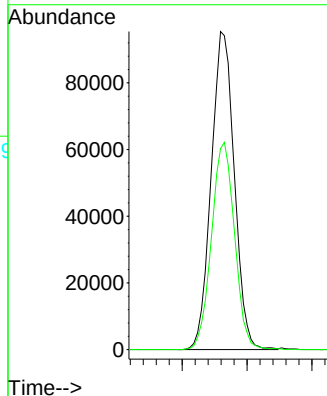
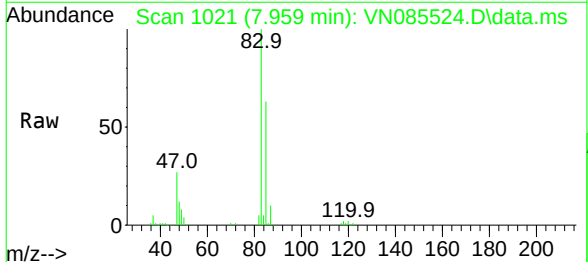
Manual Integrations
APPROVED

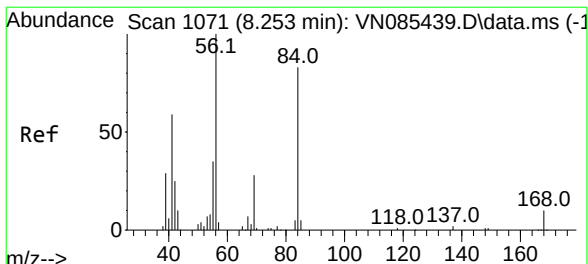
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#30
Chloroform
Concen: 49.506 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

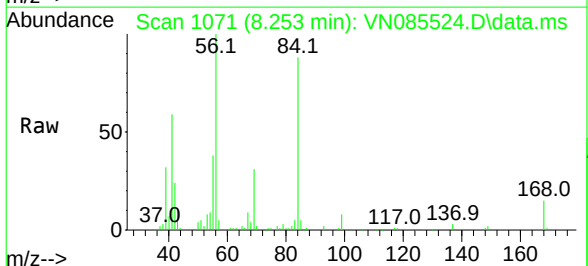
Tgt Ion: 83 Resp: 235754
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6





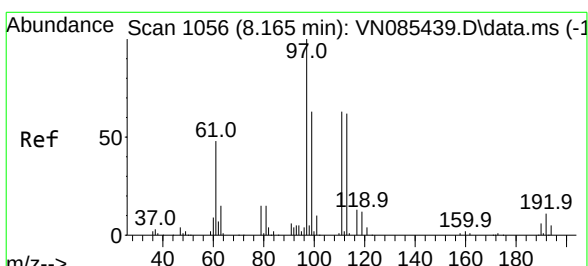
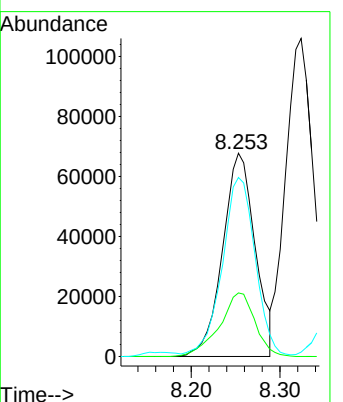
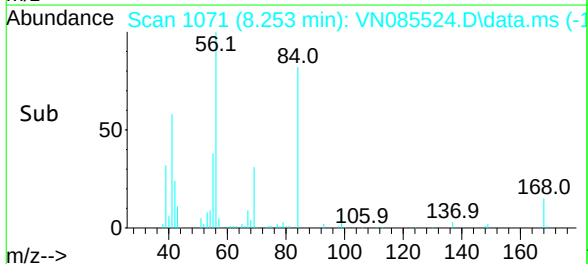
#31
Cyclohexane
Concen: 43.064 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

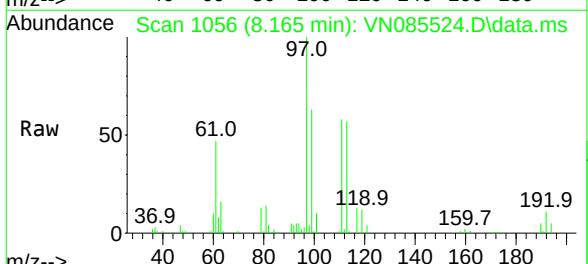


Tgt Ion:	56	Resp:	172463
Ion	Ratio	Lower	Upper
56	100		
69	31.3	22.2	33.4
84	86.2	66.4	99.6

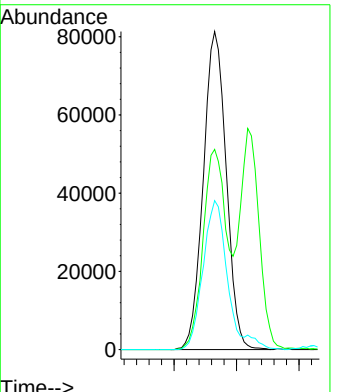
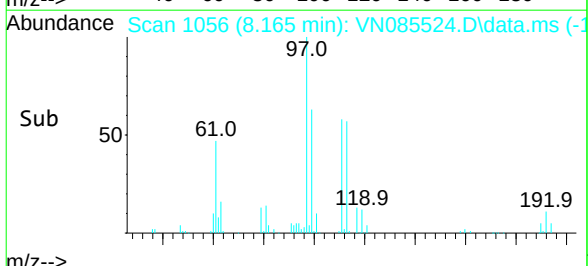
Manual Integrations
APPROVED
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

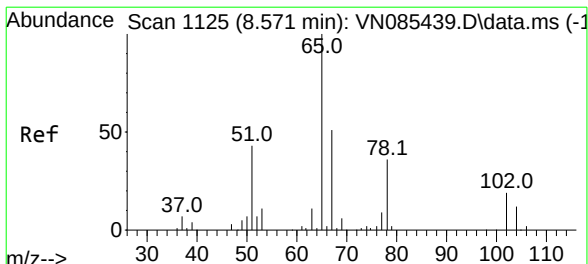


#32
1,1,1-Trichloroethane
Concen: 49.730 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22



Tgt Ion:	97	Resp:	207732
Ion	Ratio	Lower	Upper
97	100		
99	64.9	49.8	74.6
61	50.1	41.4	62.2





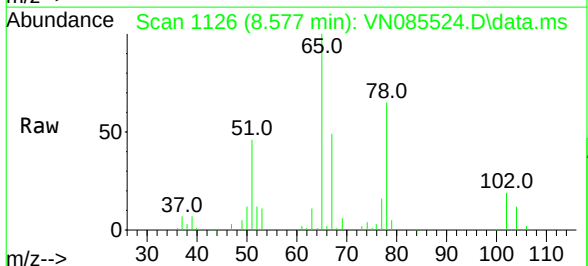
#33
 1,2-Dichloroethane-d4
 Concen: 47.342 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

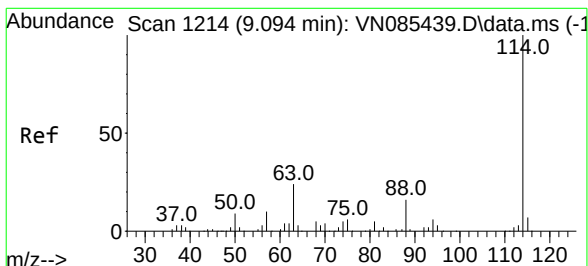
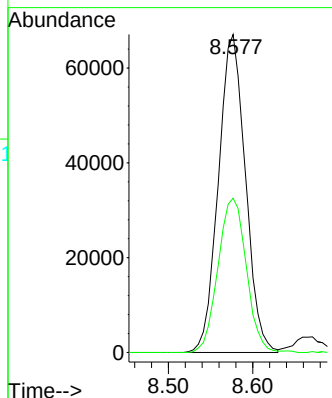
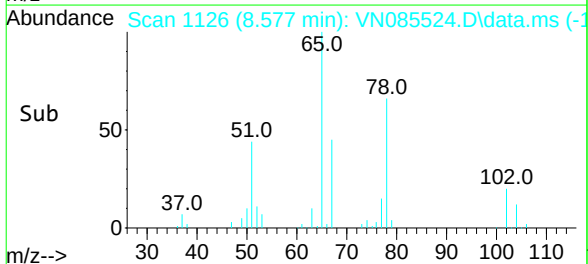
VSTDCCC050EC



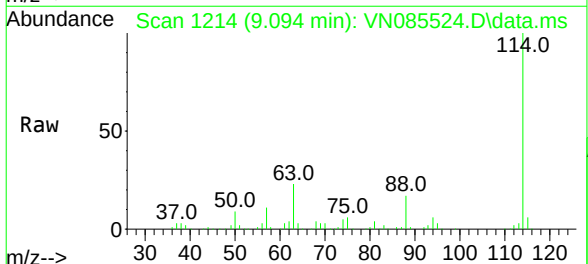
Tgt Ion: 65 Resp: 149394
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6

Manual Integrations
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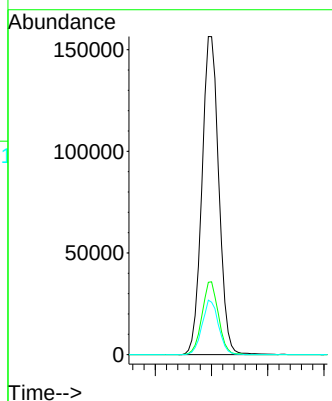
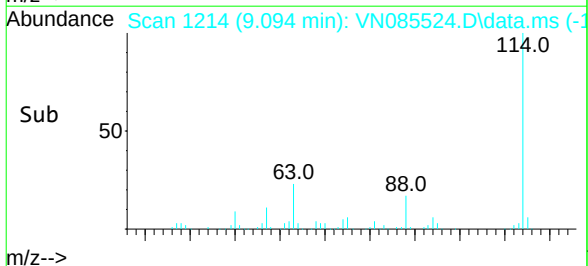
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

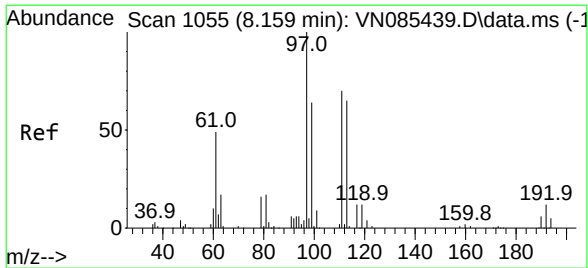


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22



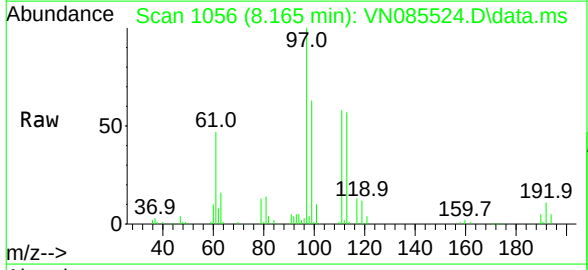
Tgt Ion:114 Resp: 326438
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.6
 88 17.1 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 50.012 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

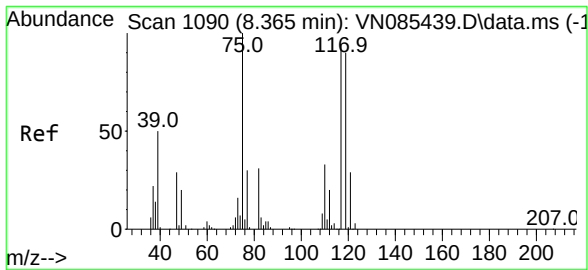
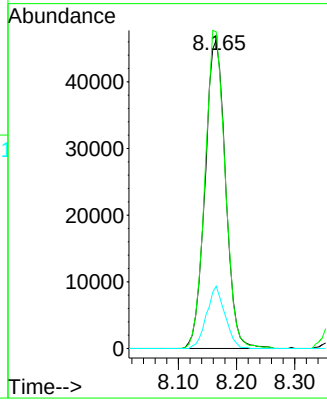
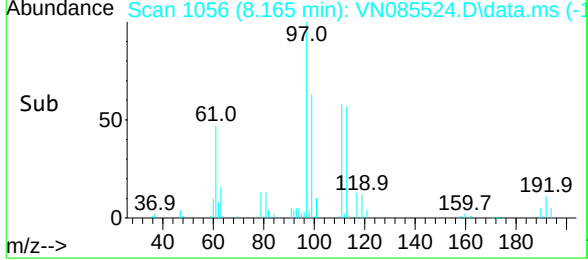
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	113261
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	18.1	14.3	21.5

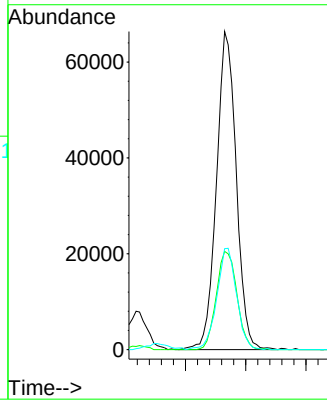
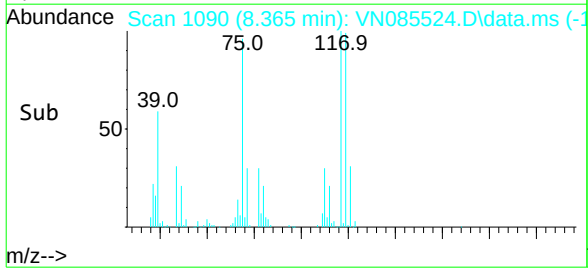
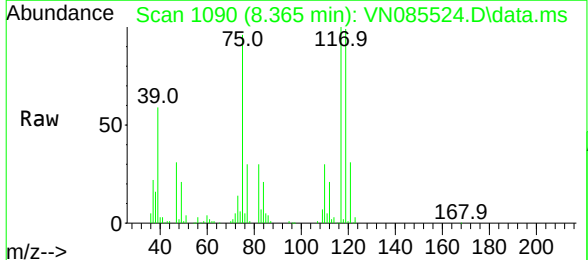
Manual Integrations
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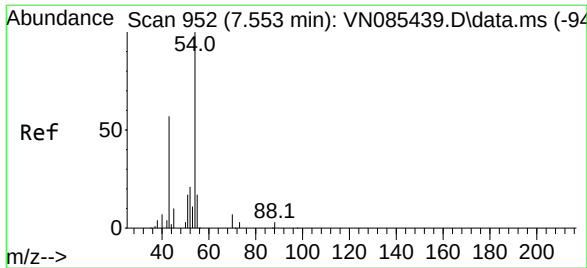
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025



#36
 1,1-Dichloropropene
 Concen: 47.624 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

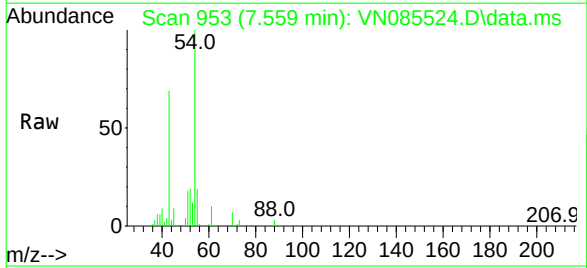
Tgt Ion:	75	Resp:	151368
Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.5	49.5
77	31.7	24.4	36.6





#37
Ethyl Acetate
Concen: 52.248 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

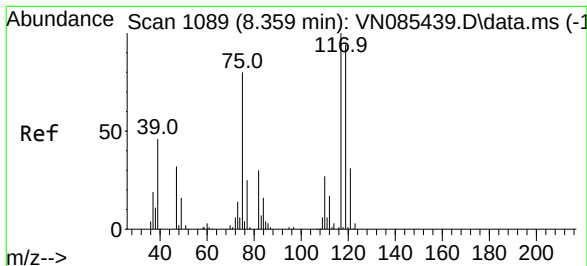
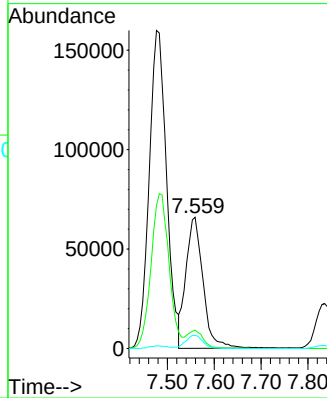
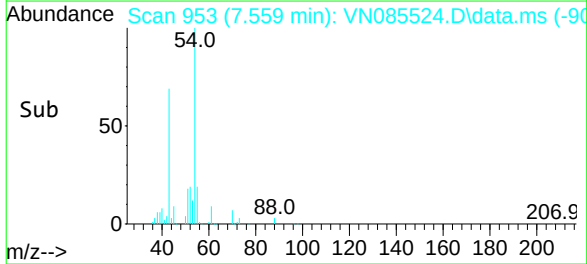
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 167621
Ion Ratio Lower Upper
43 100
61 12.7 10.9 16.3
70 10.1 7.5 11.3

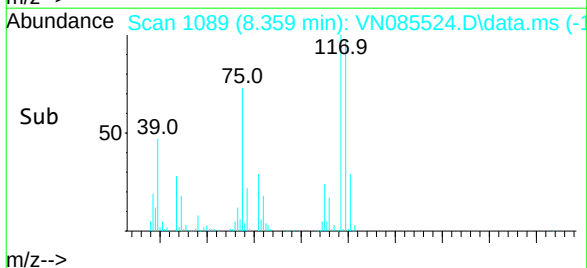
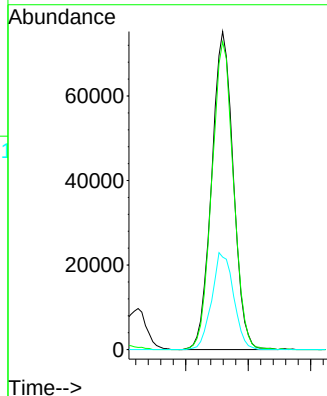
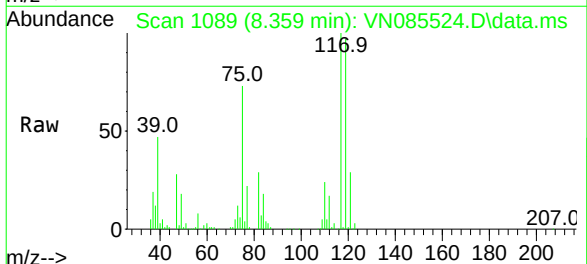
Manual Integrations
APPROVED

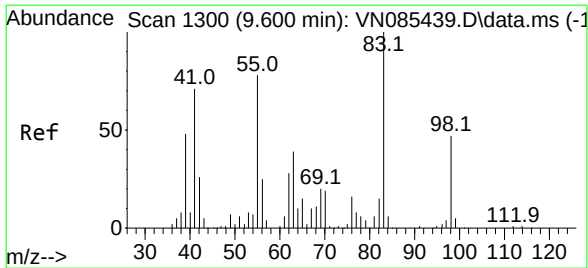
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#38
Carbon Tetrachloride
Concen: 49.716 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:117 Resp: 180906
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.2
121 29.1 24.6 37.0





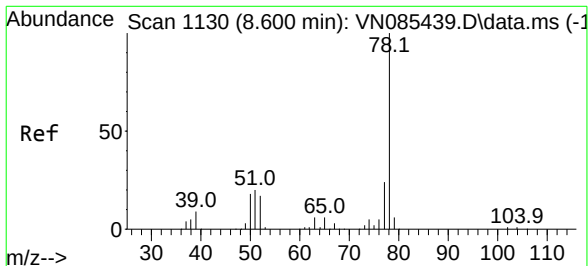
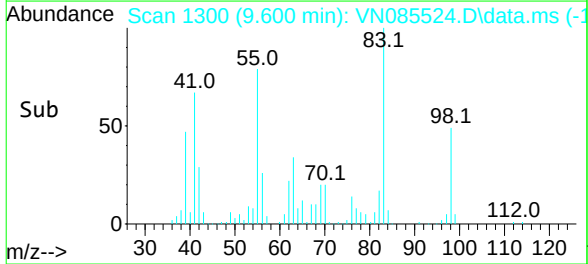
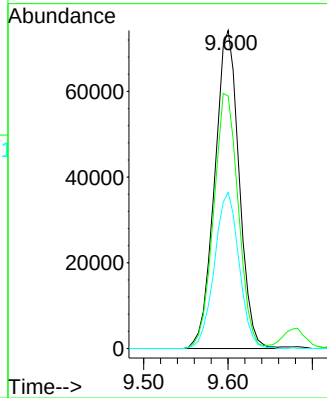
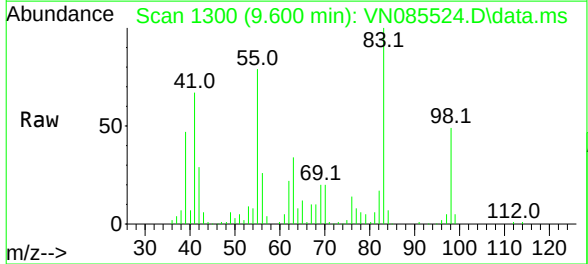
#39
Methylcyclohexane
Concen: 49.990 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149308
Ion Ratio Lower Upper
83 100
55 79.4 62.6 94.0
98 49.1 37.7 56.5

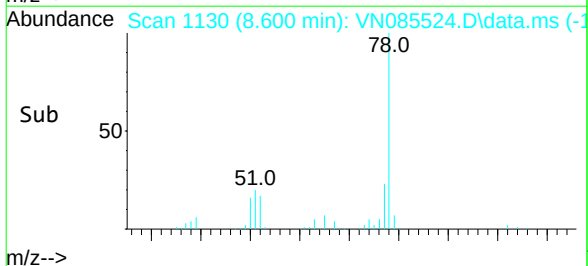
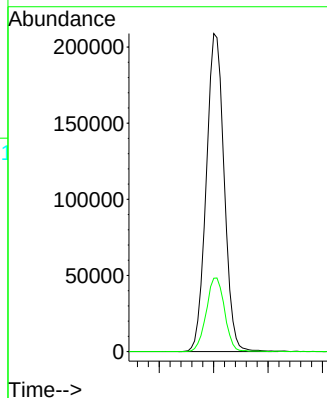
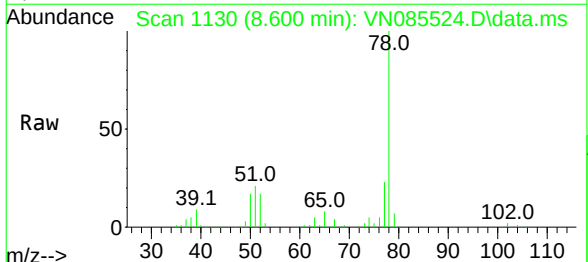
Manual Integrations
APPROVED

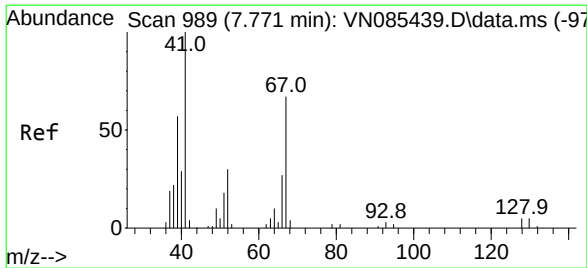
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#40
Benzene
Concen: 49.942 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 78 Resp: 476956
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





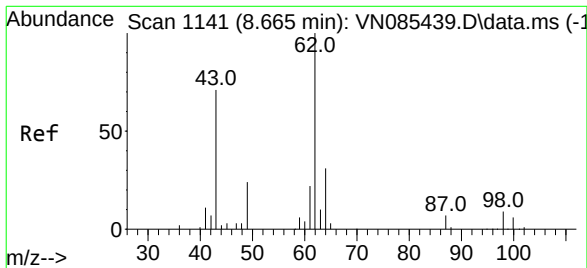
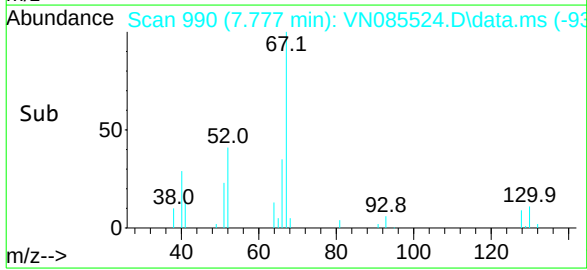
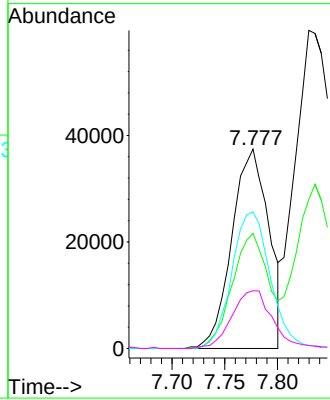
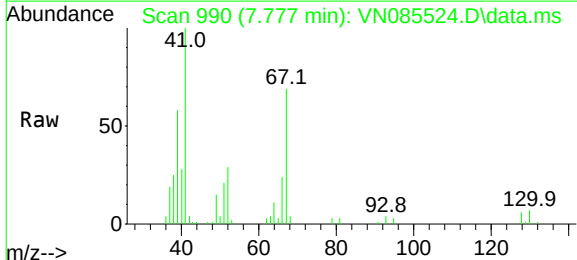
#41
Methacrylonitrile
Concen: 54.637 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	91194
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.0	69.0
67	71.7	57.4	86.2
52	32.2	25.5	38.3

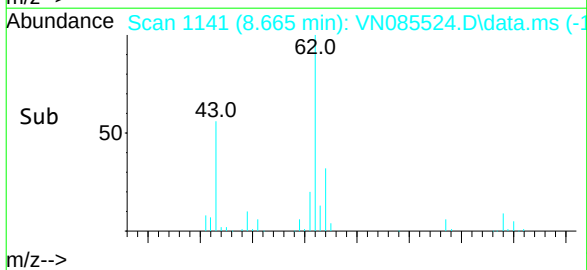
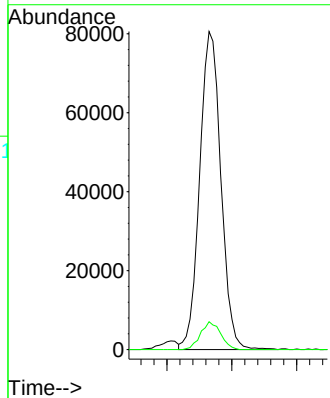
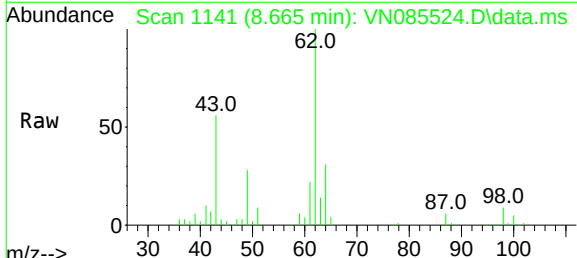
Manual Integrations
APPROVED

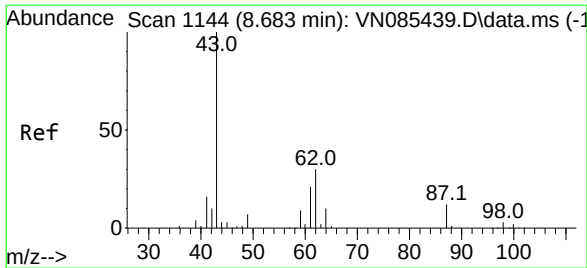
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#42
1,2-Dichloroethane
Concen: 50.885 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:	62	Resp:	183028
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





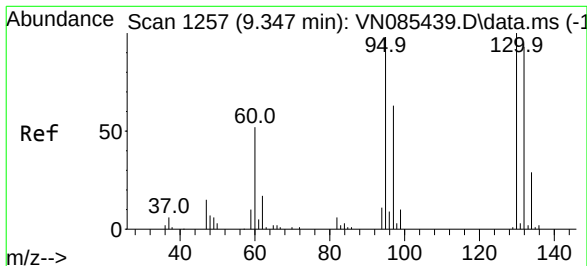
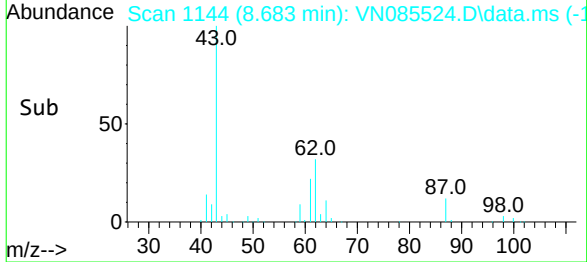
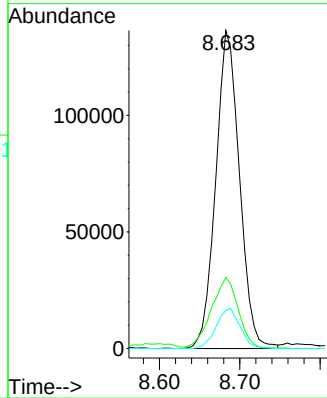
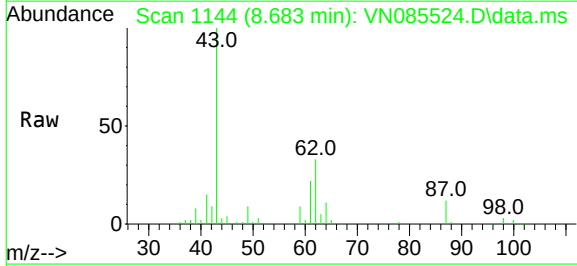
#43
Isopropyl Acetate
Concen: 54.477 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 280044
Ion Ratio Lower Upper
43 100
61 25.5 20.7 31.1
87 12.7 9.8 14.8

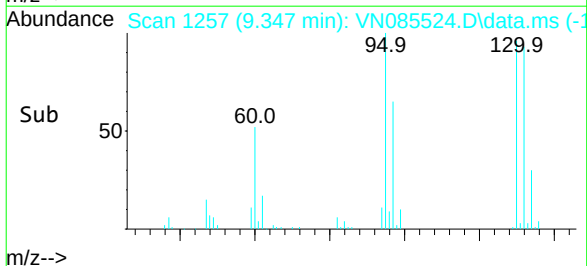
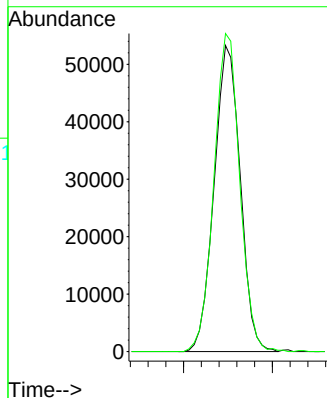
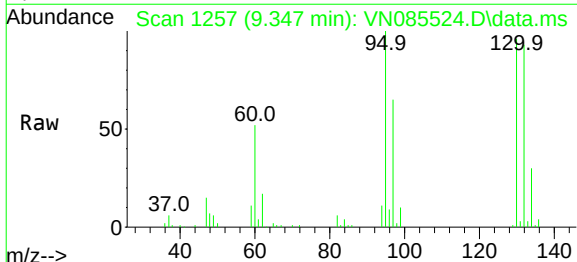
Manual Integrations
APPROVED

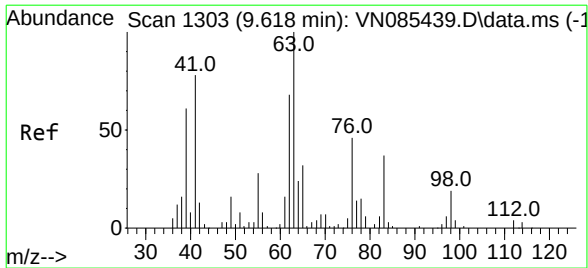
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#44
Trichloroethene
Concen: 48.970 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:130 Resp: 108863
Ion Ratio Lower Upper
130 100
95 103.9 0.0 195.8





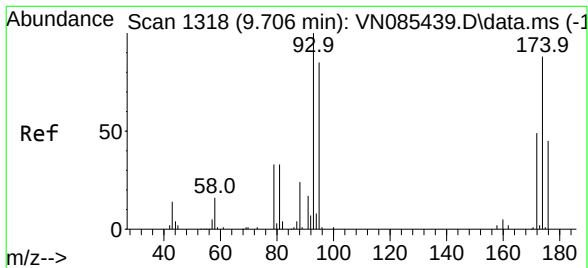
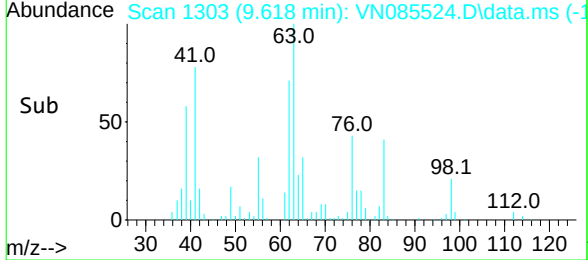
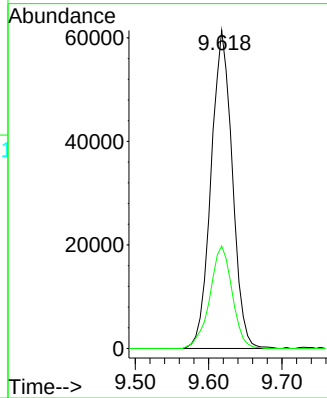
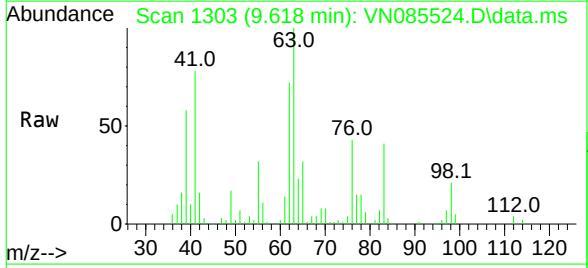
#45
1,2-Dichloropropane
Concen: 50.629 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 123503
Ion Ratio Lower Upper
63 100
65 32.2 25.6 38.4

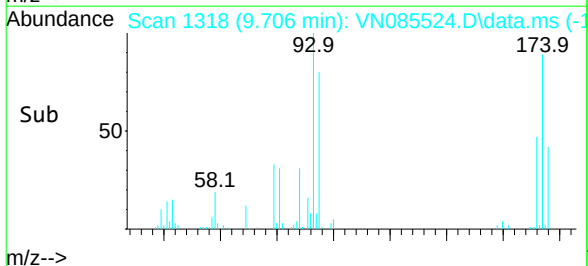
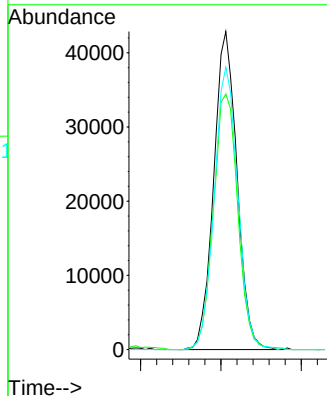
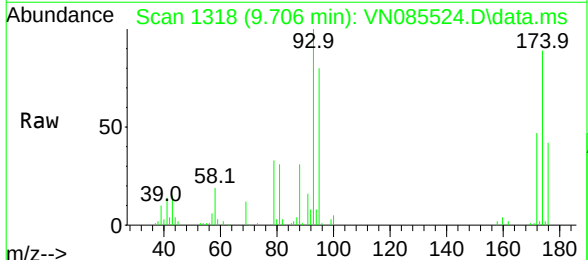
Manual Integrations
APPROVED

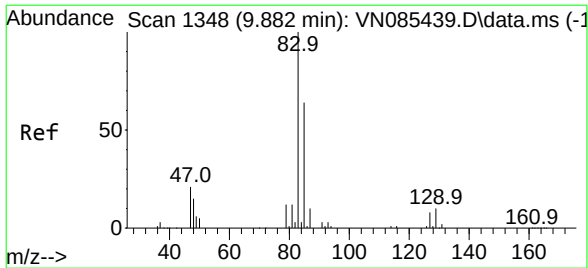
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#46
Dibromomethane
Concen: 48.958 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 93 Resp: 86174
Ion Ratio Lower Upper
93 100
95 84.3 64.7 97.1
174 90.0 69.0 103.4





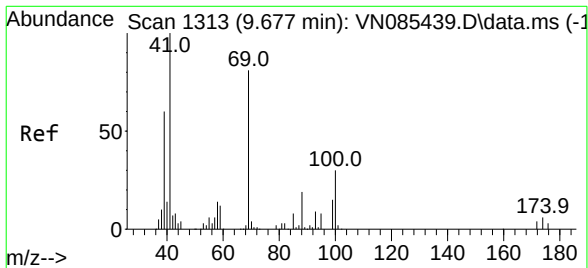
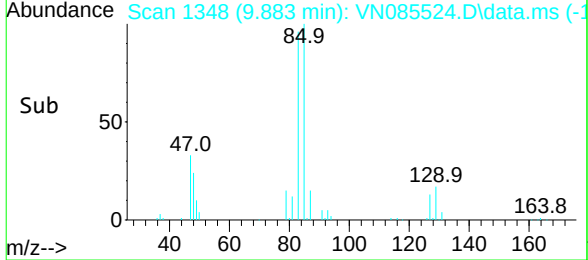
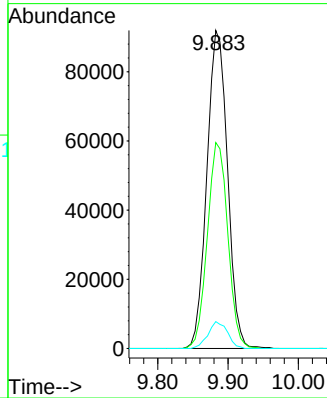
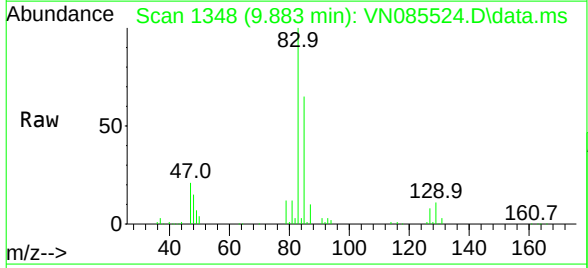
#47
Bromodichloromethane
Concen: 52.368 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.001 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 187796
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 8.5 6.5 9.7

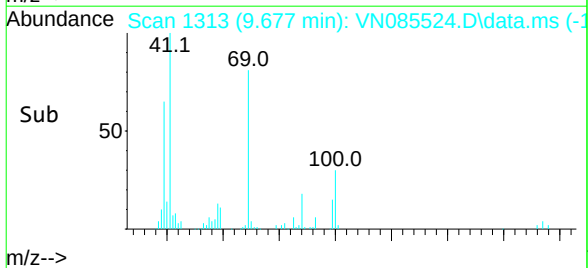
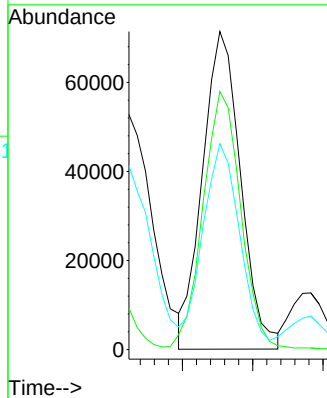
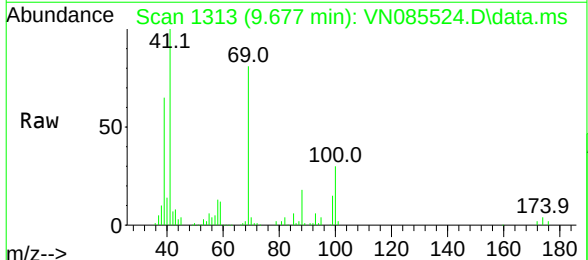
Manual Integrations
APPROVED

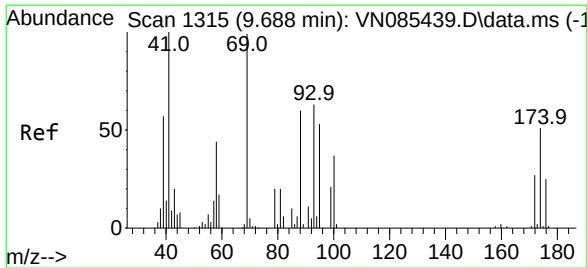
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#48
Methyl methacrylate
Concen: 58.074 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

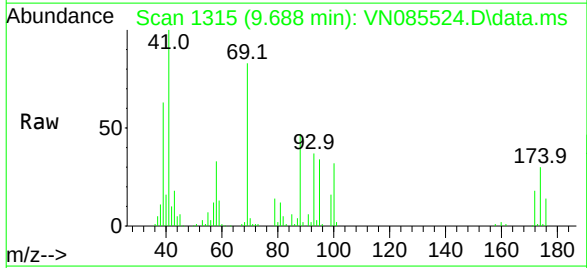
Tgt Ion: 41 Resp: 134347
Ion Ratio Lower Upper
41 100
69 81.2 64.7 97.1
39 63.5 49.0 73.6





#49
1,4-Dioxane
Concen: 1184.868 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

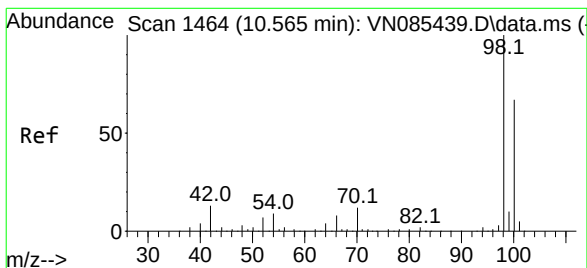
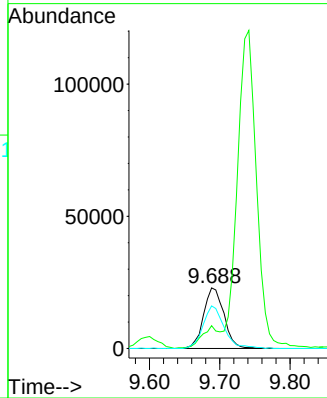
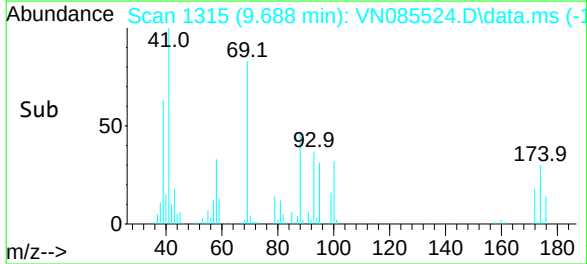
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



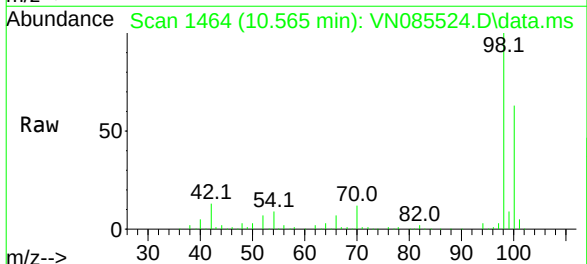
Tgt Ion: 88 Resp: 46159
Ion Ratio Lower Upper
88 100
43 31.4 26.6 39.8
58 73.0 59.5 89.3

Manual Integrations
APPROVED

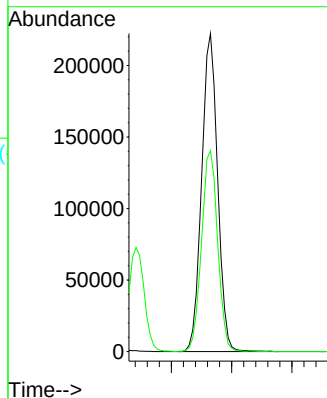
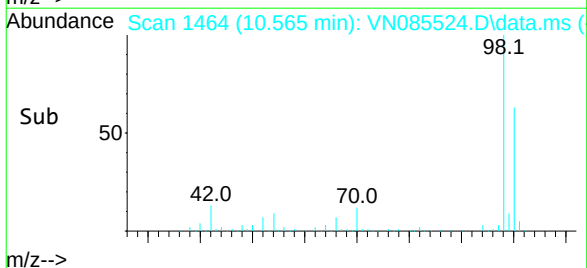
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

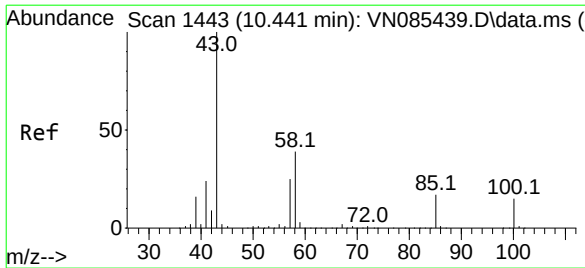


#50
Toluene-d8
Concen: 50.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22



Tgt Ion: 98 Resp: 408294
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4





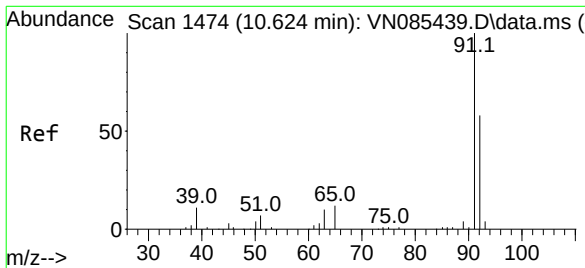
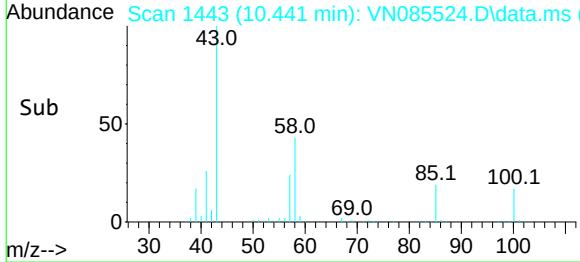
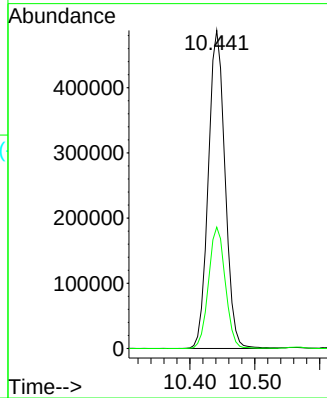
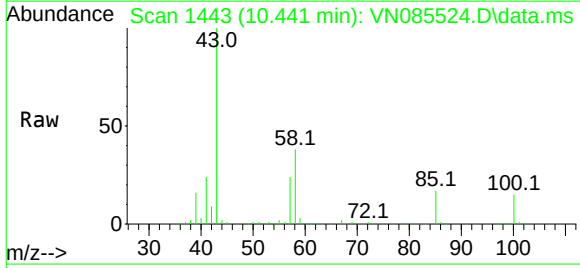
#51
4-Methyl-2-Pentanone
Concen: 292.802 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 873433
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

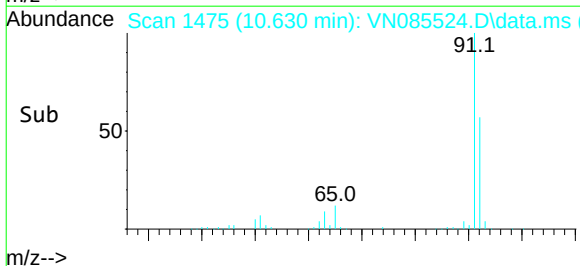
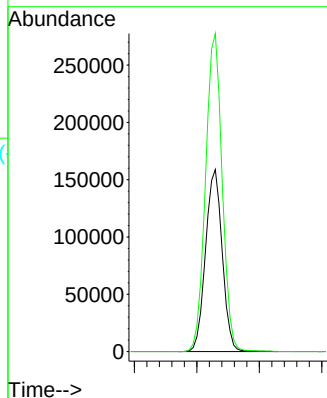
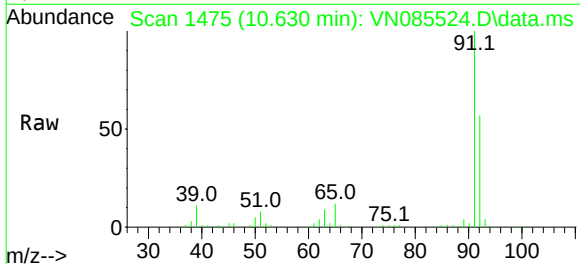
Manual Integrations
APPROVED

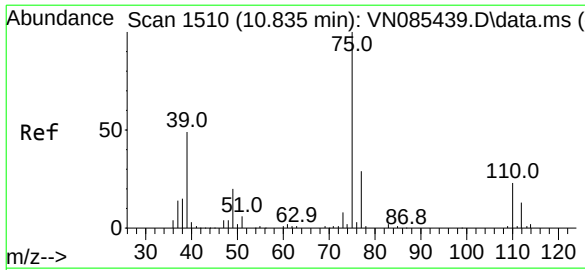
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#52
Toluene
Concen: 53.165 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

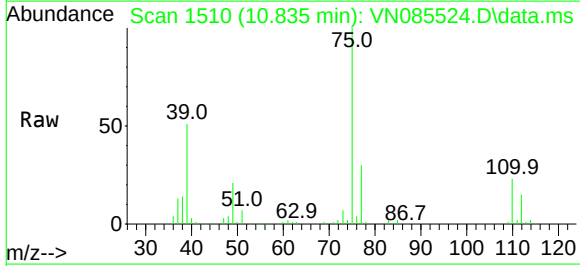
Tgt Ion: 92 Resp: 294190
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 54.722 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

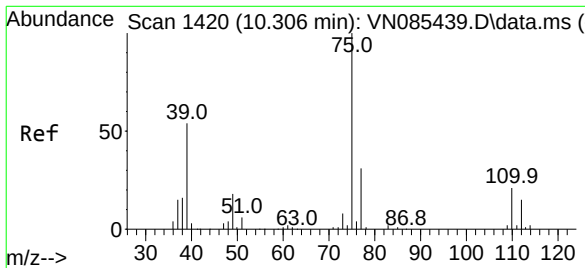
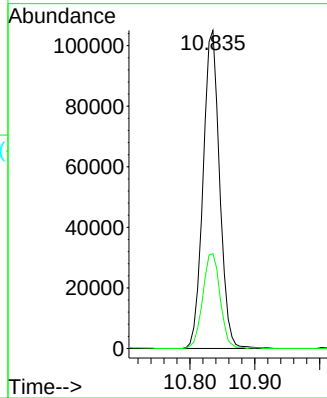
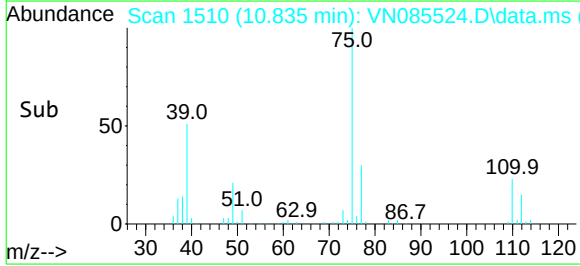
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



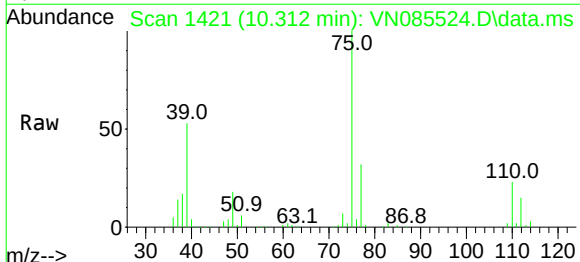
Tgt Ion: 75 Resp: 185443
 Ion Ratio Lower Upper
 75 100
 77 29.8 23.5 35.3

Manual Integrations
 APPROVED

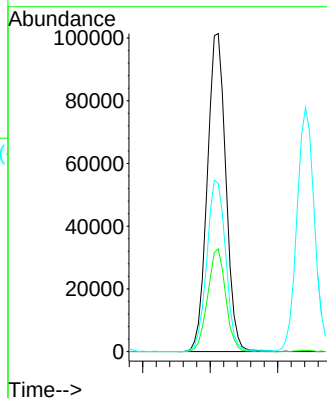
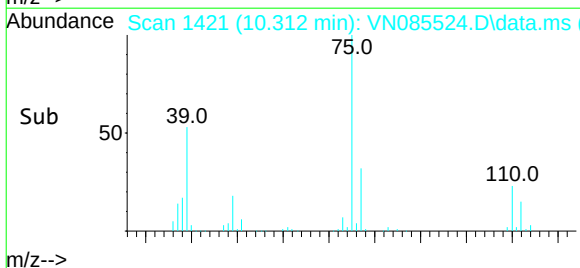
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

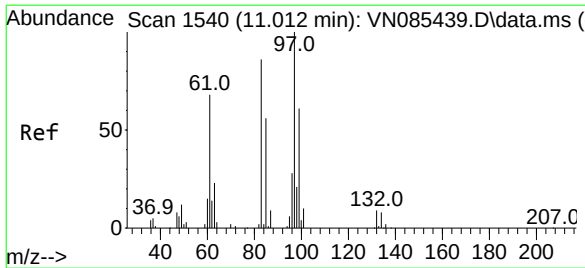


#54
 cis-1,3-Dichloropropene
 Concen: 53.599 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22



Tgt Ion: 75 Resp: 194018
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4
 39 52.9 43.1 64.7





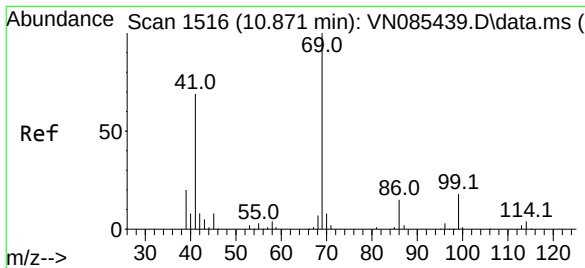
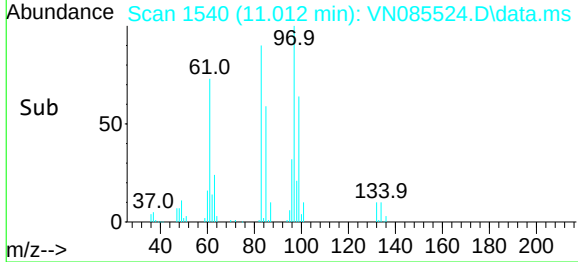
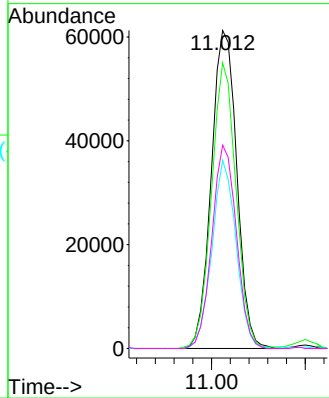
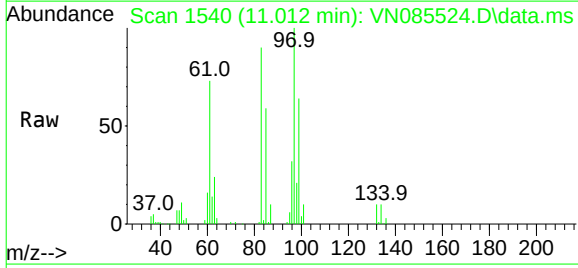
#55
1,1,2-Trichloroethane
Concen: 52.745 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	115506
Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.6
85	59.2	44.6	66.8
99	63.9	48.6	72.8

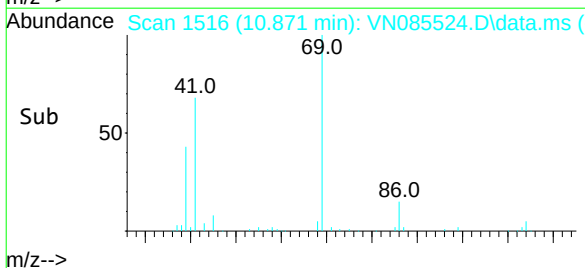
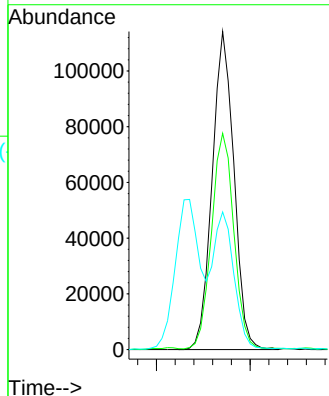
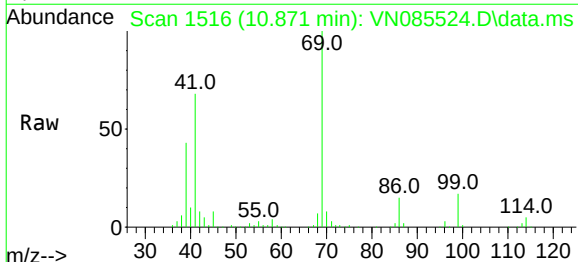
Manual Integrations
APPROVED

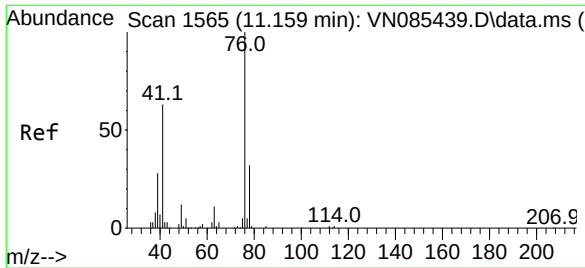
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#56
Ethyl methacrylate
Concen: 49.936 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

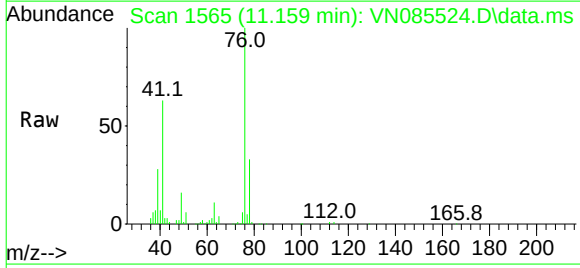
Tgt Ion:	69	Resp:	184203
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.6	82.0
39	41.0	32.4	48.6





#57
1,3-Dichloropropane
Concen: 52.773 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

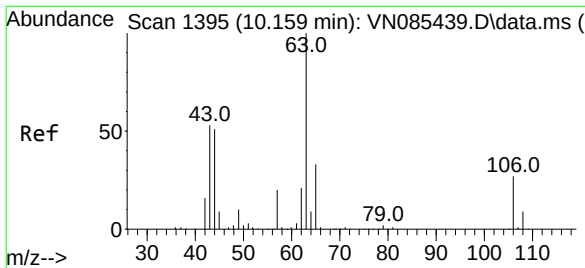
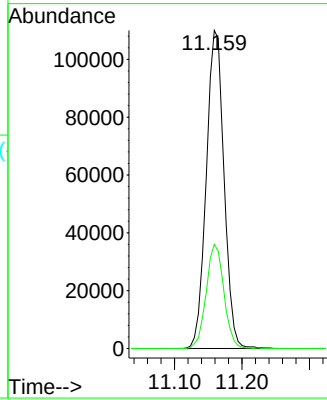
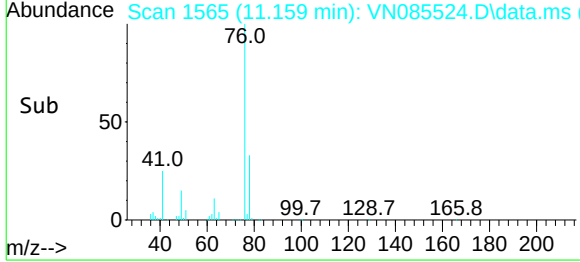
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 200950
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

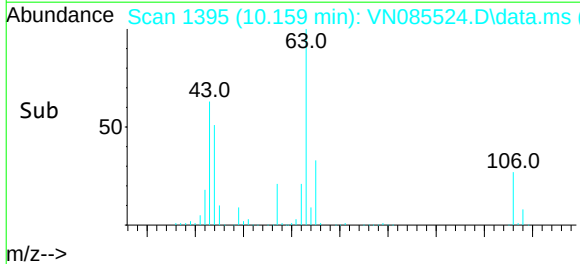
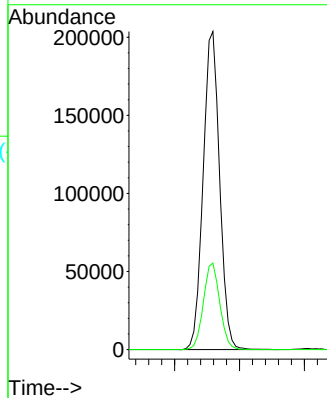
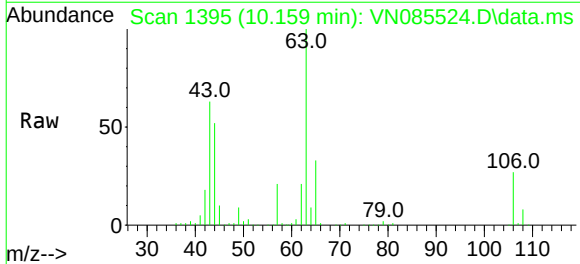
Manual Integrations
APPROVED

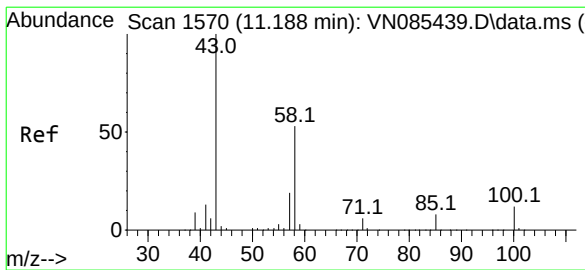
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 258.151 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 63 Resp: 358750
Ion Ratio Lower Upper
63 100
106 27.0 21.6 32.4





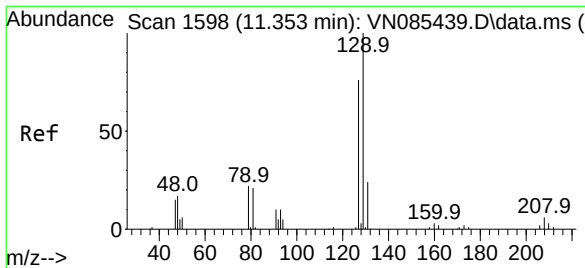
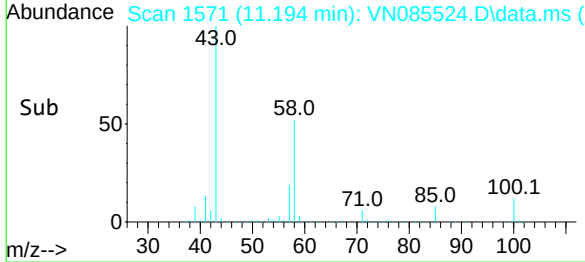
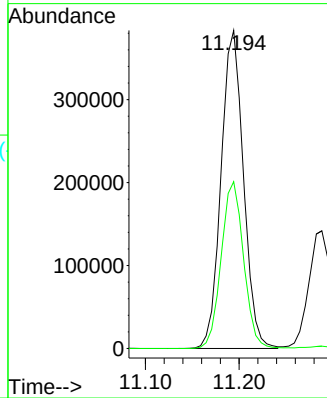
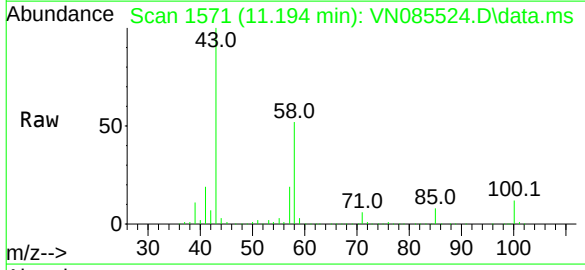
#59
2-Hexanone
Concen: 303.408 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 636837
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.6

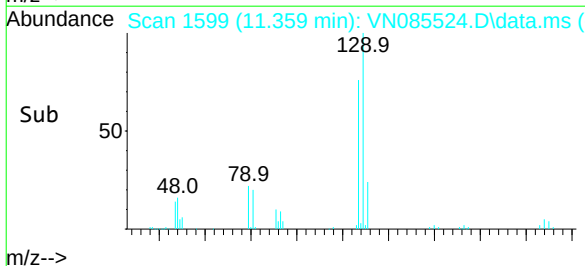
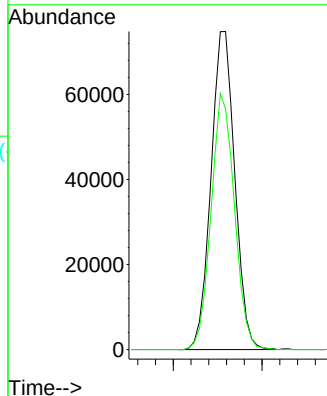
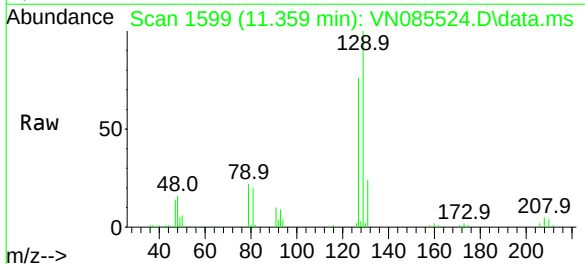
Manual Integrations
APPROVED

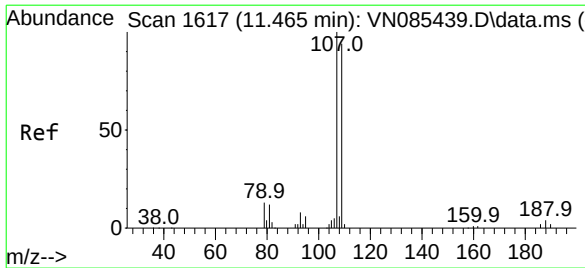
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#60
Dibromochloromethane
Concen: 52.737 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

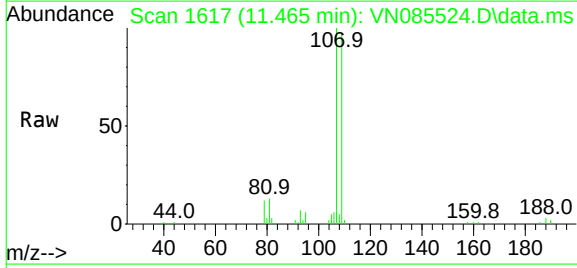
Tgt Ion:129 Resp: 139426
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.875 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

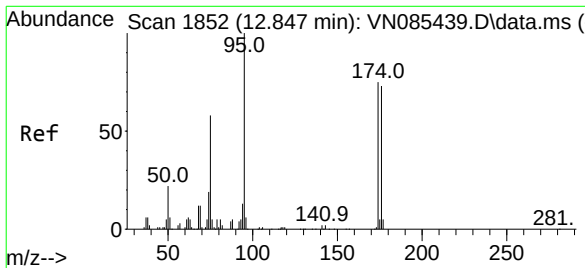
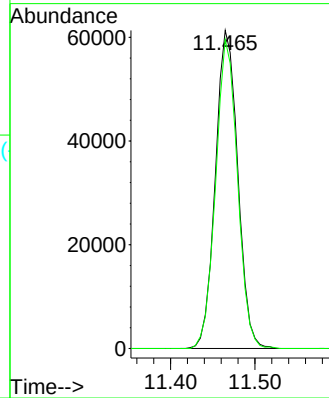
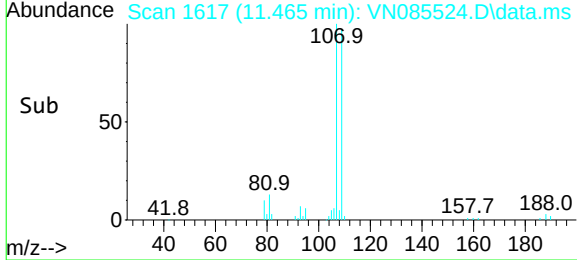
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 113079
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

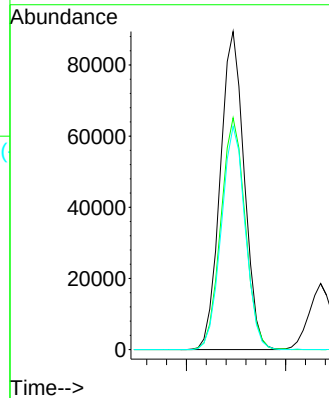
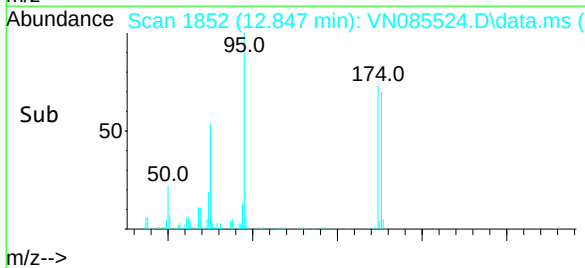
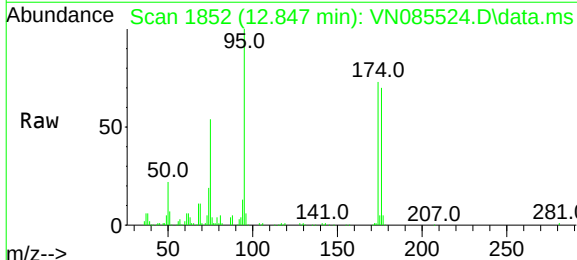
Manual Integrations
APPROVED

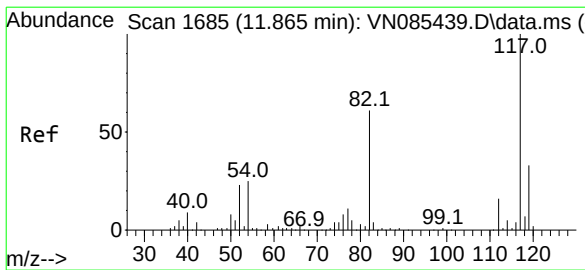
Reviewed By : John Carlone 01/28/2025
Supervised By : Mahesh Dadoda 01/28/2025



#62
4-Bromofluorobenzene
Concen: 54.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 95 Resp: 150152
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.0
176 69.9 0.0 142.4





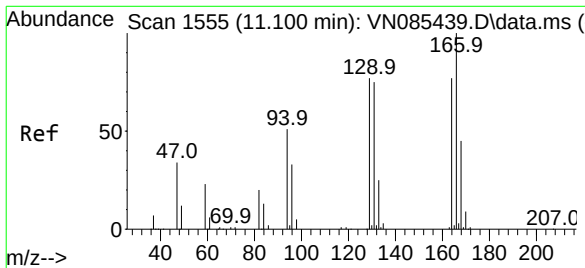
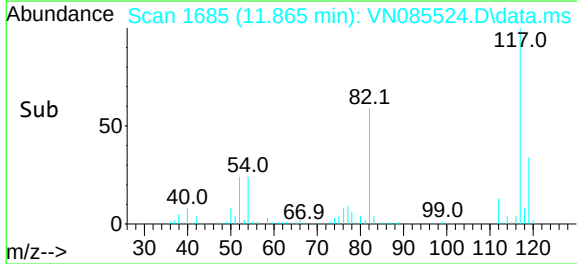
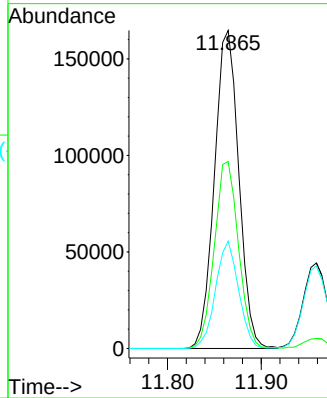
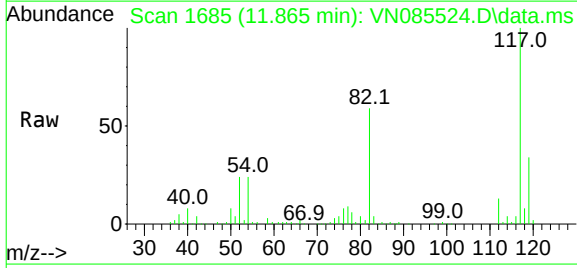
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	297138
Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.6	72.8
119	33.8	26.6	39.8

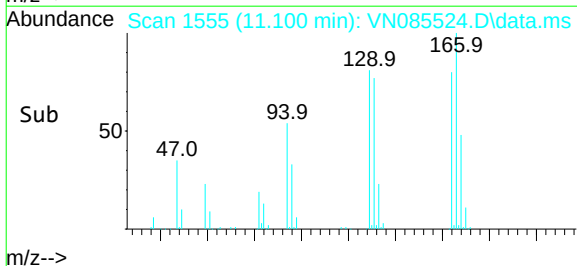
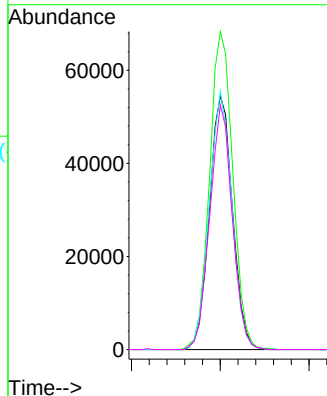
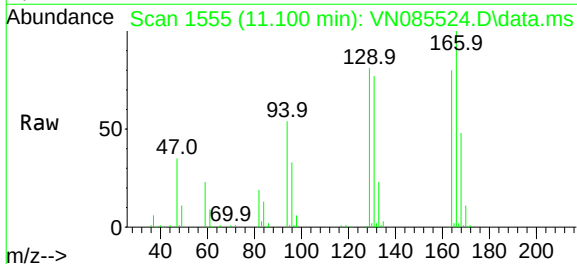
Manual Integrations
APPROVED

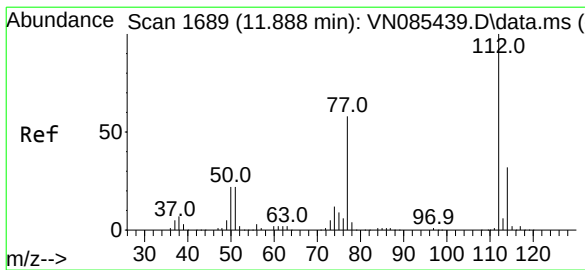
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#64
Tetrachloroethene
Concen: 48.802 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:	164	Resp:	98858
Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.4	155.2
129	101.6	79.2	118.8
131	96.4	77.1	115.7





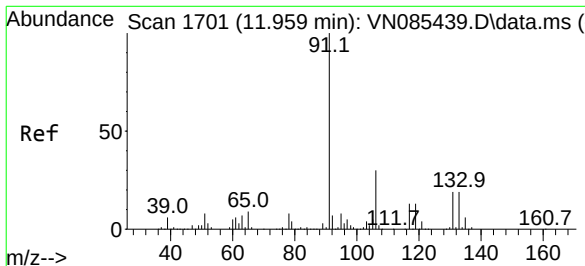
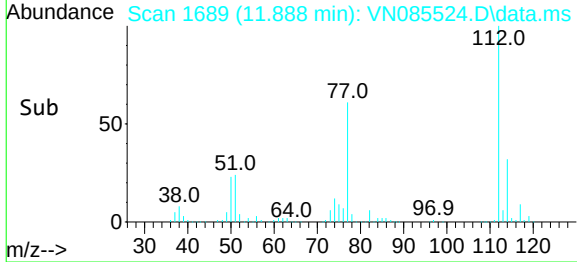
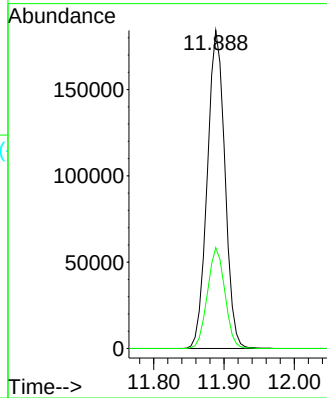
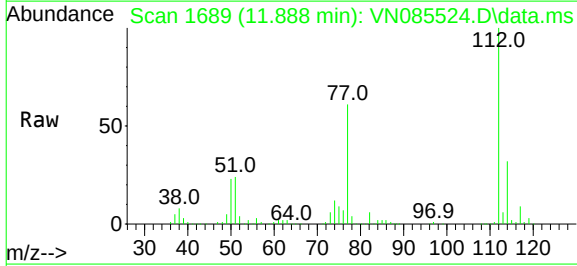
#65
Chlorobenzene
Concen: 49.311 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 320979
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

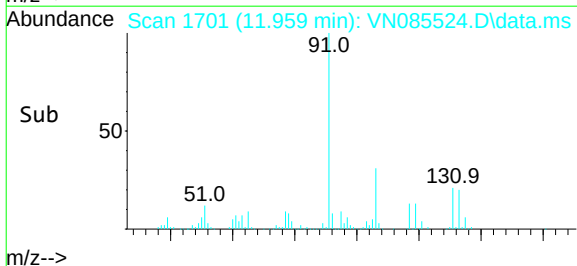
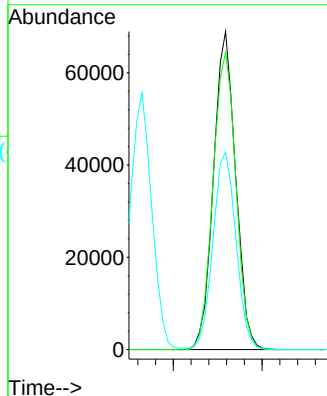
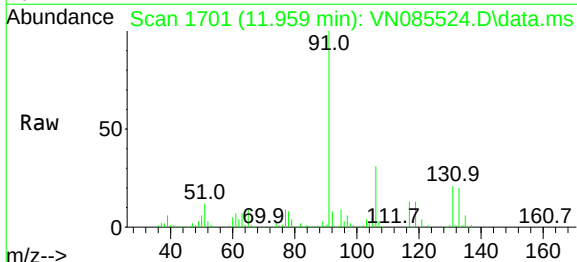
Manual Integrations
APPROVED

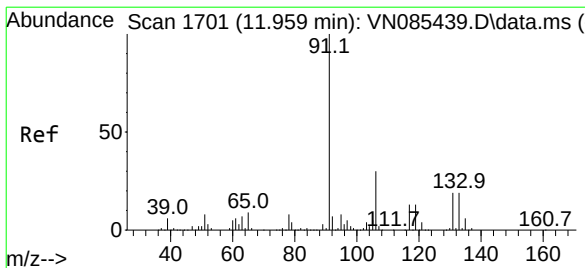
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.915 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:131 Resp: 119250
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.3
119 64.6 33.1 99.5





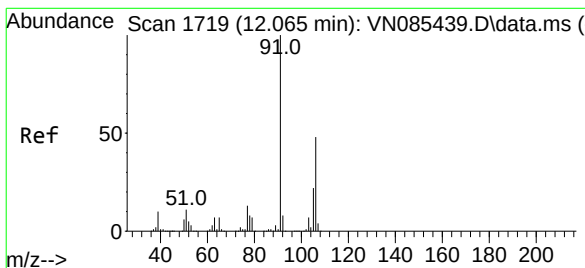
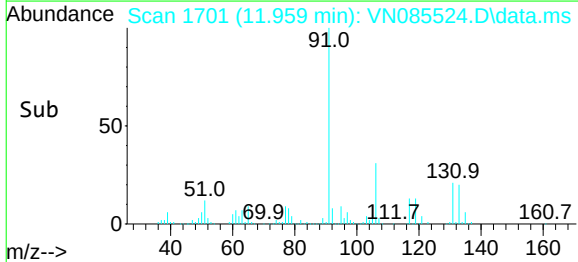
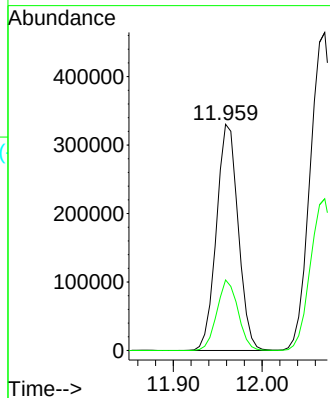
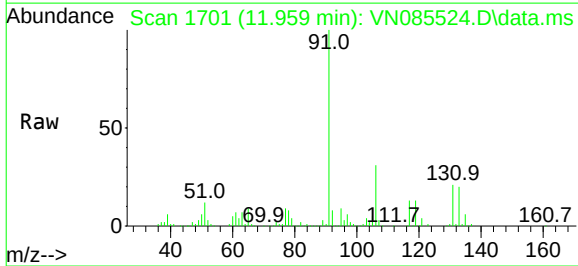
#67
Ethyl Benzene
Concen: 53.096 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 562927
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.8

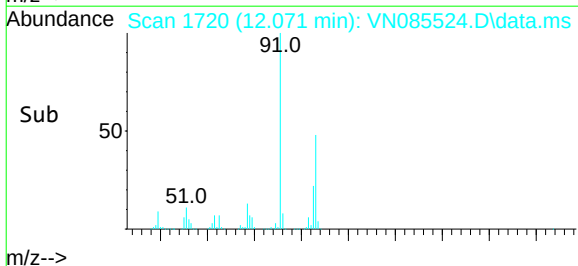
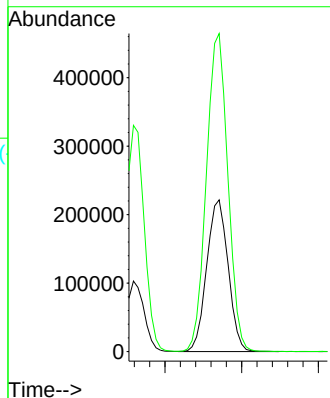
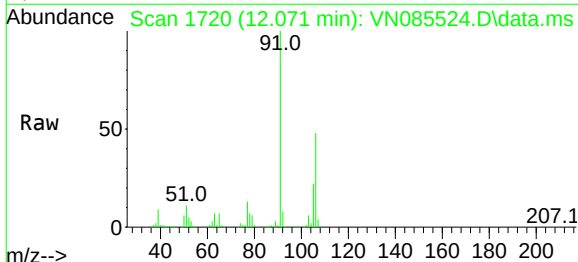
Manual Integrations
APPROVED

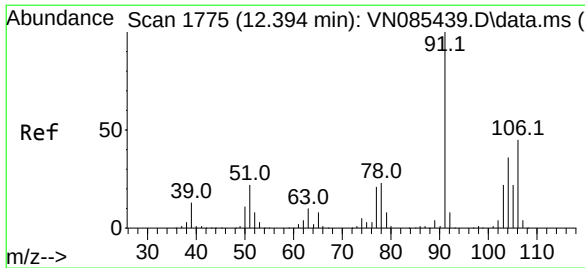
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#68
m/p-Xylenes
Concen: 109.908 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:106 Resp: 430655
Ion Ratio Lower Upper
106 100
91 209.7 167.7 251.5





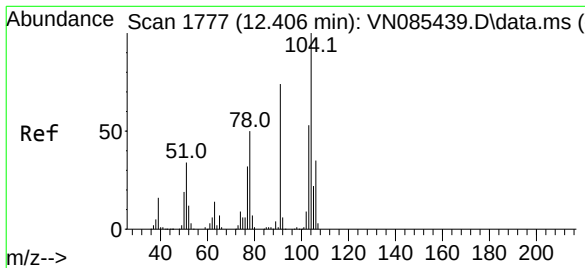
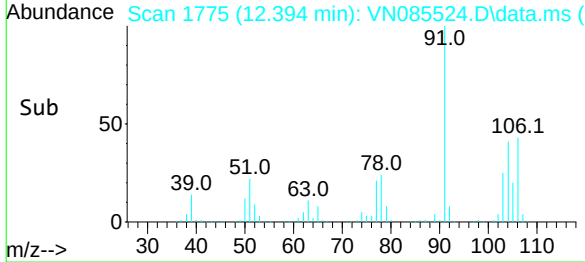
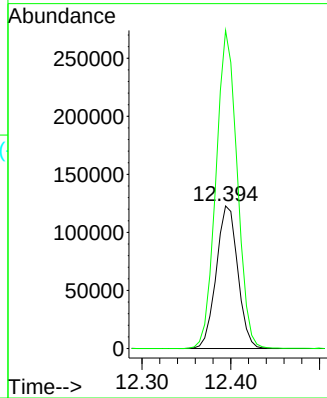
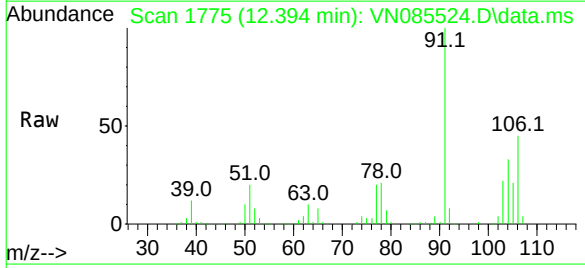
#69
o-Xylene
Concen: 55.201 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 206706
Ion Ratio Lower Upper
106 100
91 219.9 110.4 331.2

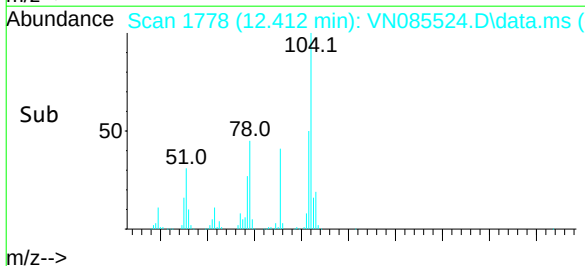
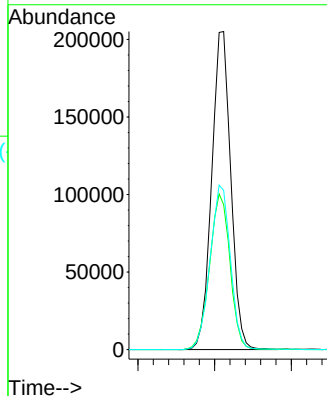
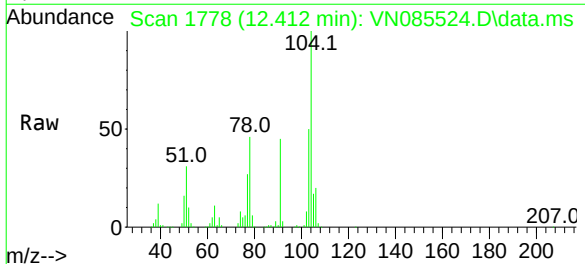
Manual Integrations
APPROVED

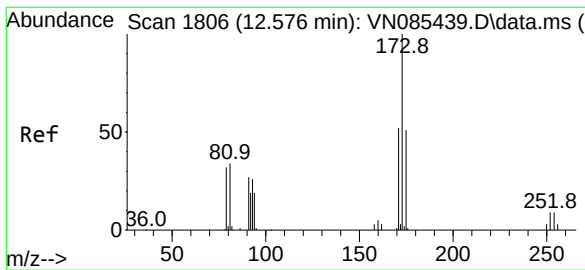
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#70
Styrene
Concen: 57.349 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:104 Resp: 355405
Ion Ratio Lower Upper
104 100
78 52.2 42.5 63.7
103 54.8 43.8 65.8





#71

Bromoform

Concen: 54.724 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

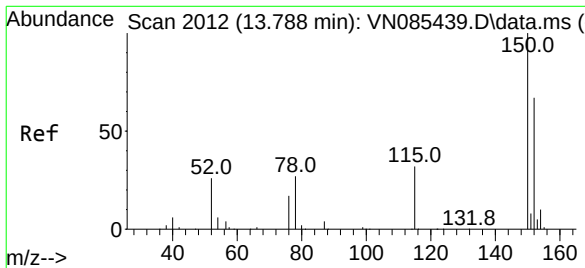
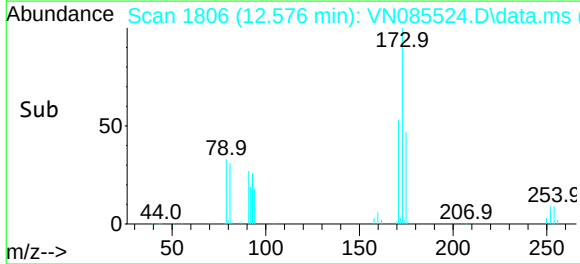
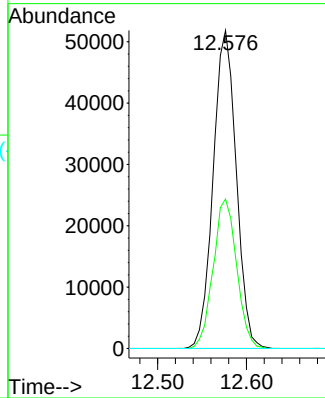
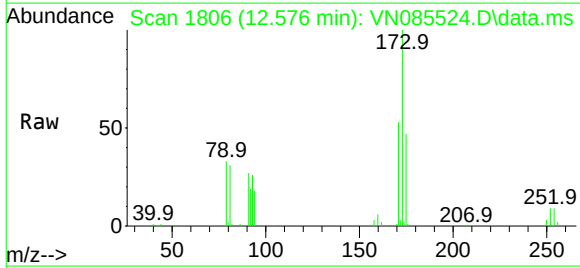
Tgt Ion:	173	Resp:	93545
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

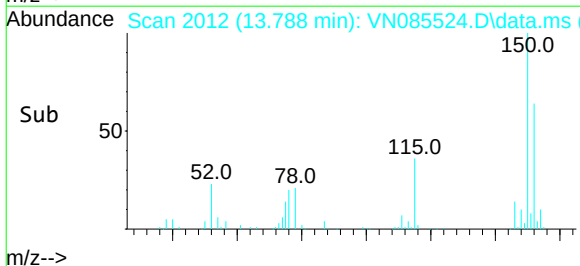
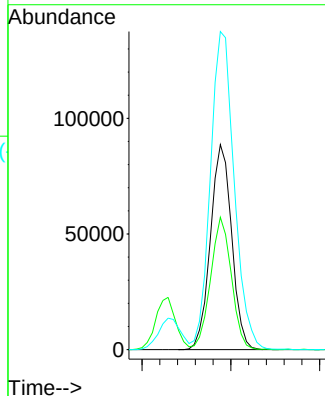
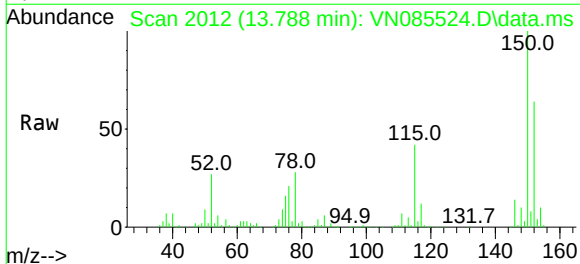
RT: 13.788 min Scan# 2012

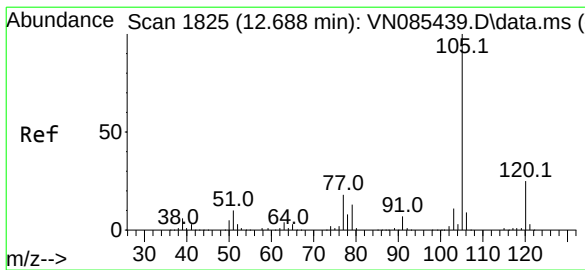
Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Tgt Ion:	152	Resp:	147464
Ion Ratio	Lower	Upper	
152	100		
115	63.1	31.1	93.3
150	174.1	0.0	343.6





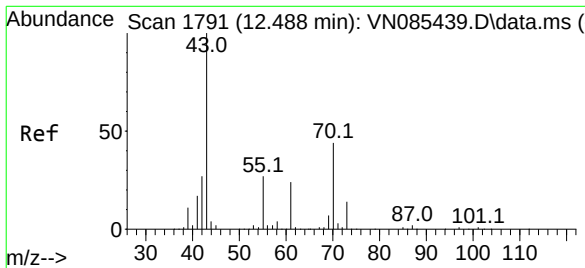
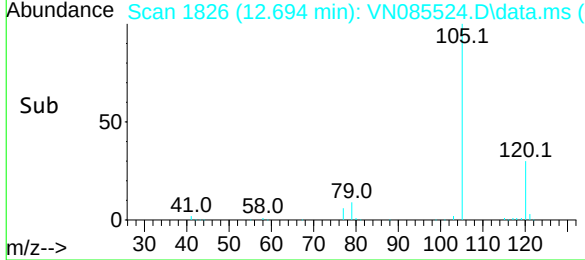
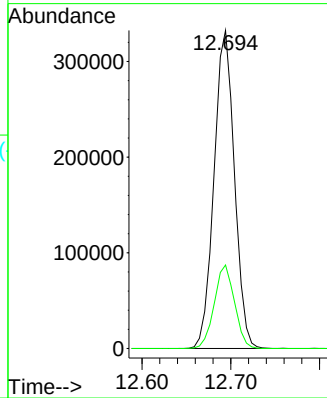
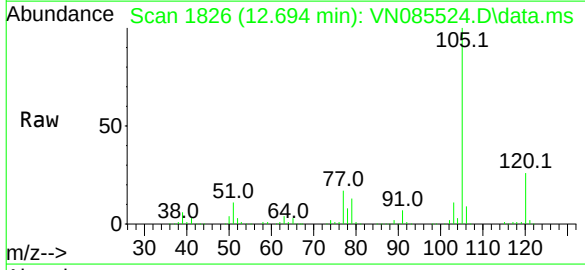
#73
Isopropylbenzene
Concen: 53.288 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 530349
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

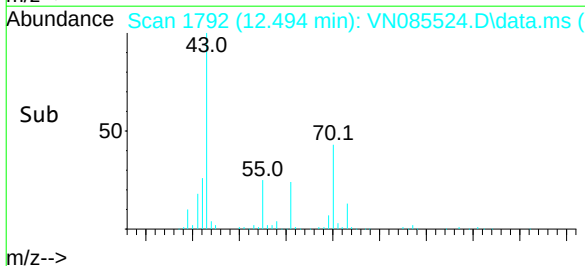
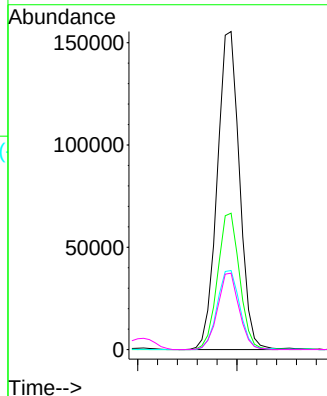
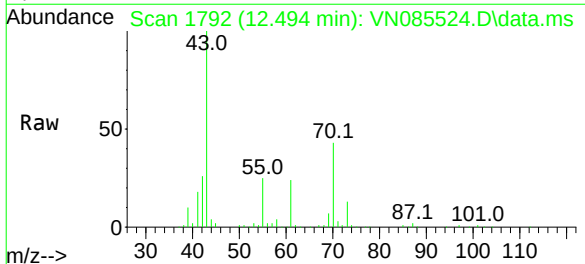
Manual Integrations
APPROVED

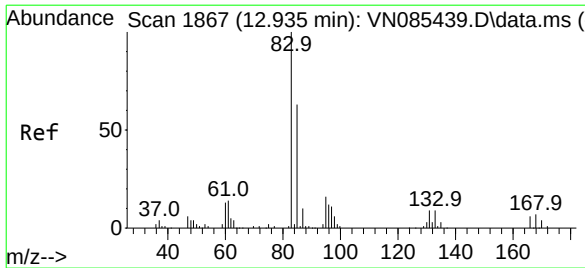
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#74
N-ethyl acetate
Concen: 54.173 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 43 Resp: 242342
Ion Ratio Lower Upper
43 100
70 42.4 34.0 51.0
55 25.3 21.4 32.2
61 23.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.380 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

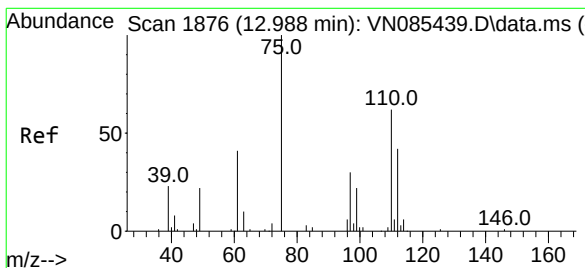
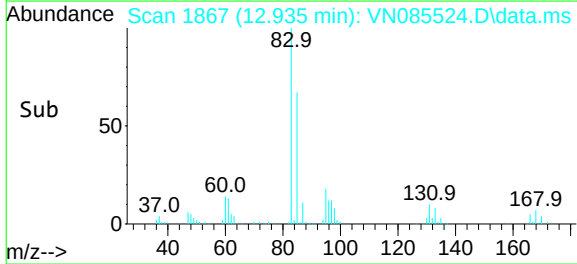
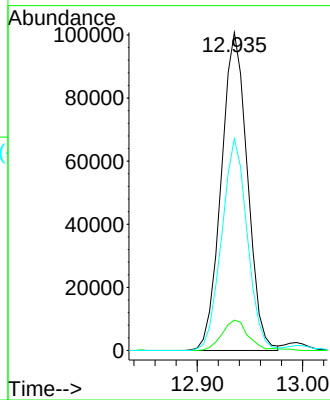
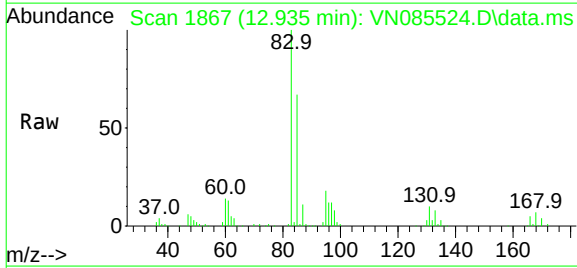
Tgt Ion:	83	Resp:	173604
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	65.1	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#76

1,2,3-Trichloropropane

Concen: 47.032 ug/l m

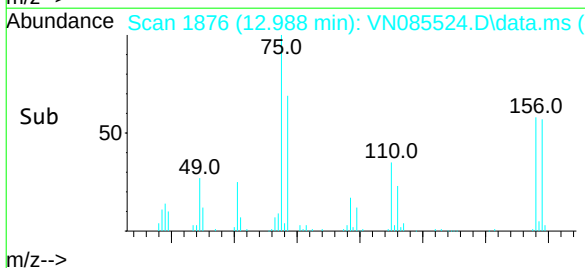
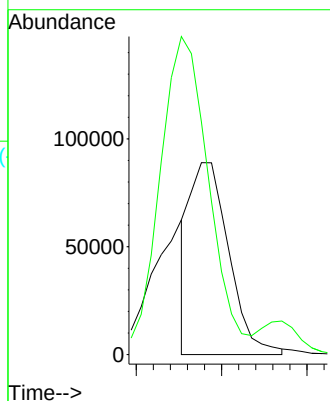
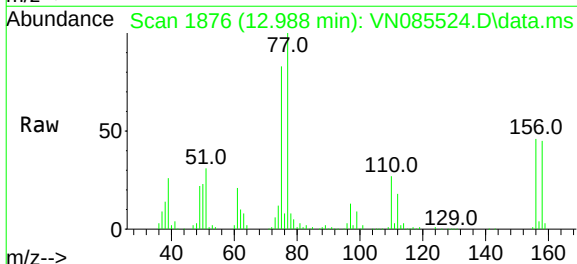
RT: 12.988 min Scan# 1876

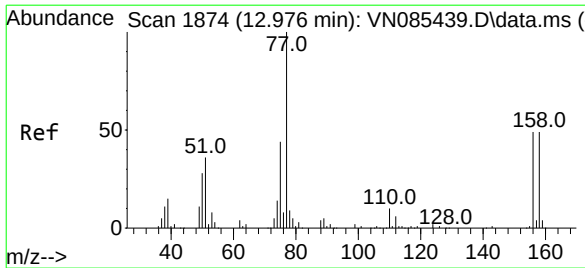
Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

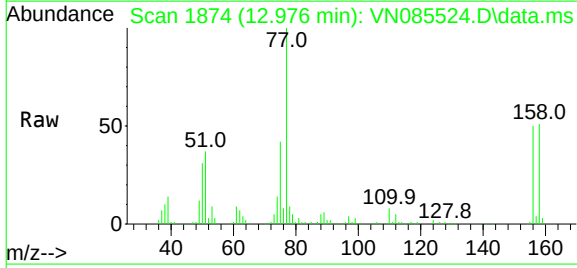
Tgt Ion:	75	Resp:	140966
Ion	Ratio	Lower	Upper
75	100		
77	209.0	109.7	329.2





#77
Bromobenzene
Concen: 49.545 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

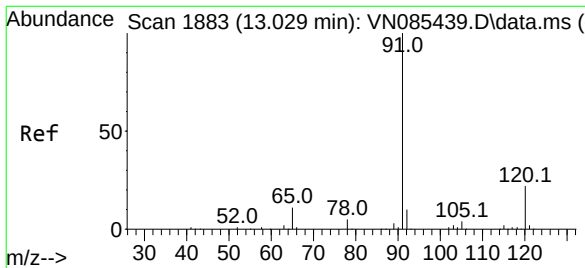
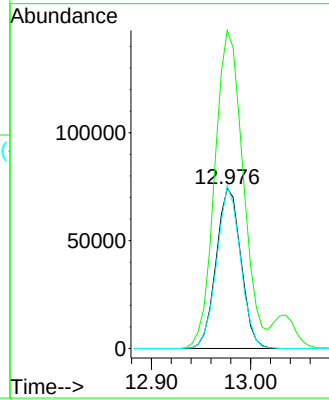
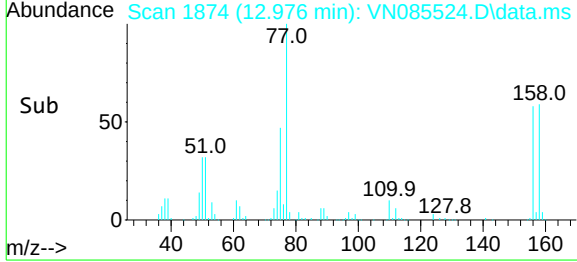
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 128828
Ion Ratio Lower Upper
156 100
77 228.7 114.1 342.4
158 97.4 48.9 146.8

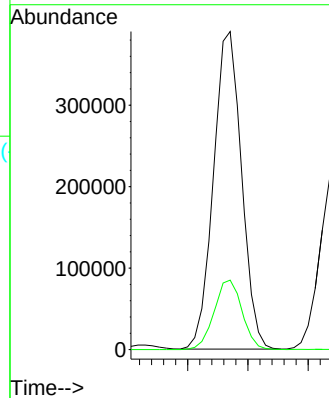
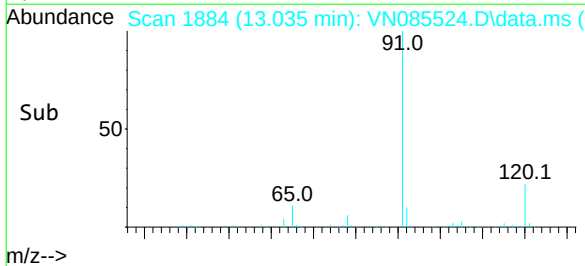
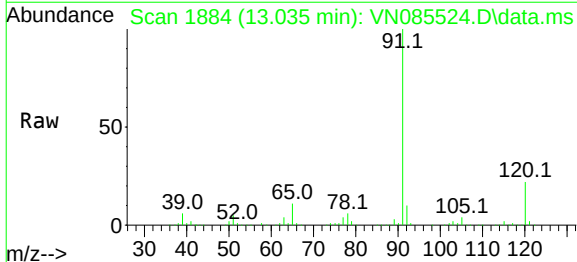
Manual Integrations
APPROVED

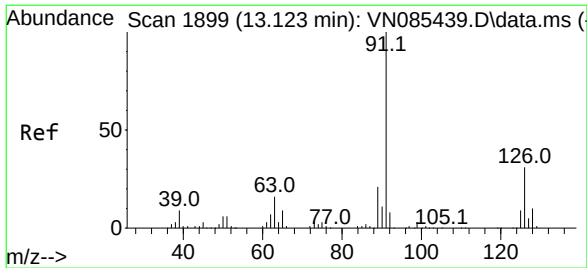
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#78
n-propylbenzene
Concen: 53.561 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 91 Resp: 631069
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





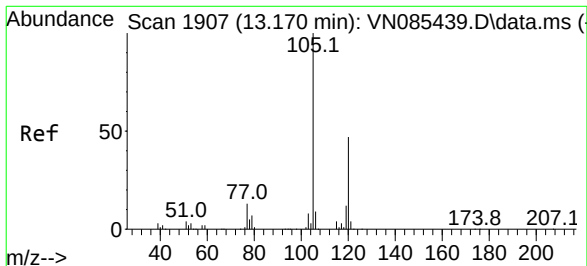
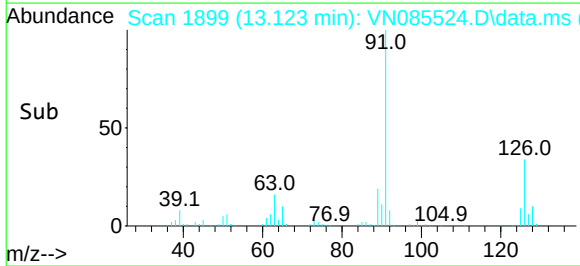
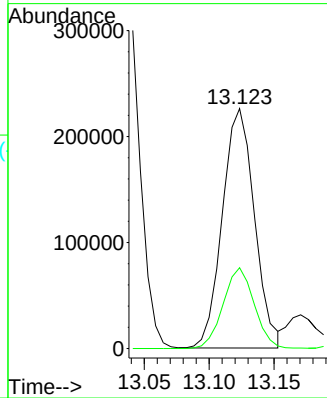
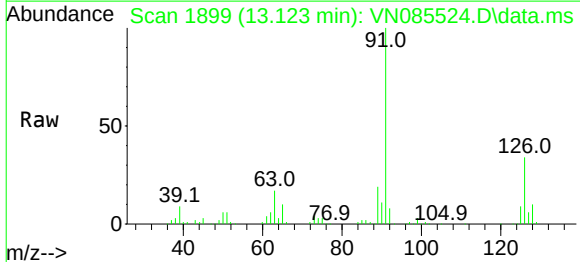
#79
2-Chlorotoluene
Concen: 51.116 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 389778
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1

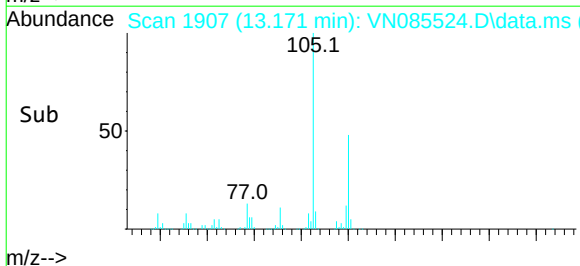
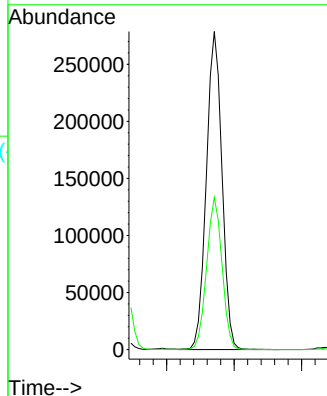
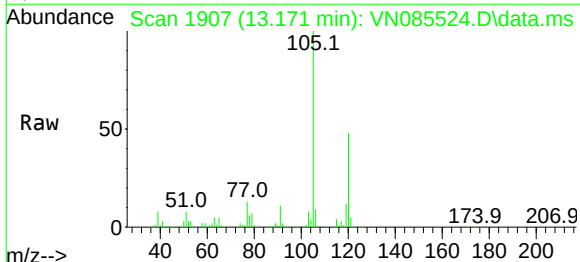
Manual Integrations
APPROVED

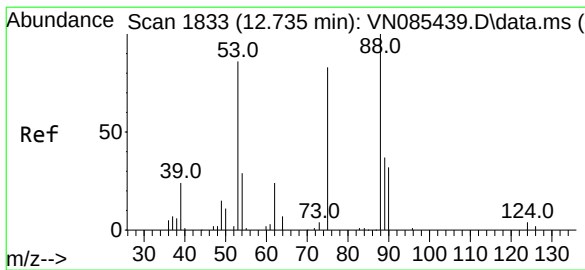
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.507 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:105 Resp: 448093
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.7





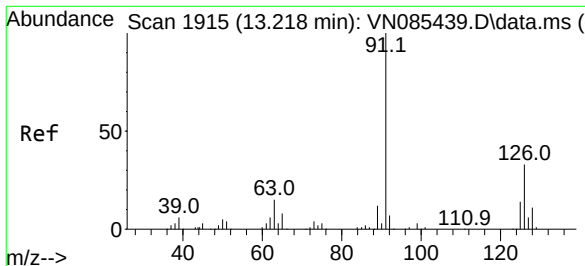
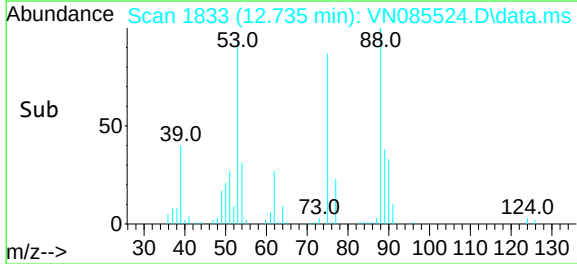
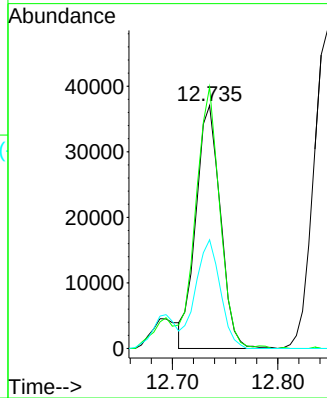
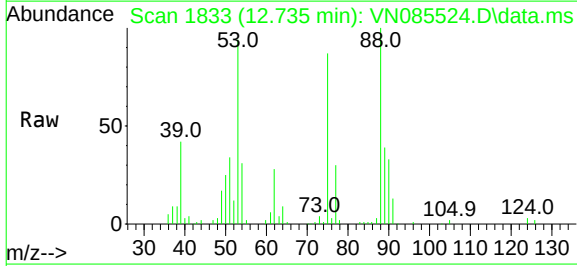
#81
trans-1,4-Dichloro-2-butene
Concen: 54.230 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 60076
Ion Ratio Lower Upper
75 100
53 105.8 95.6 143.4
89 45.1 37.0 55.6

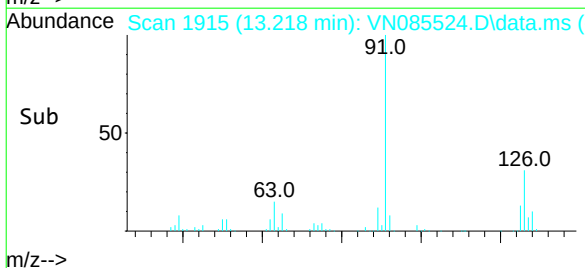
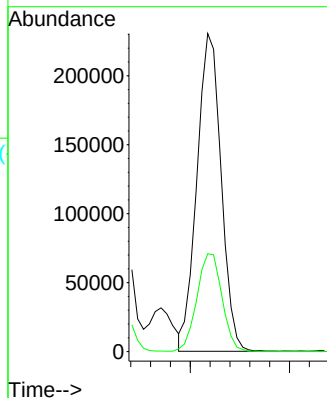
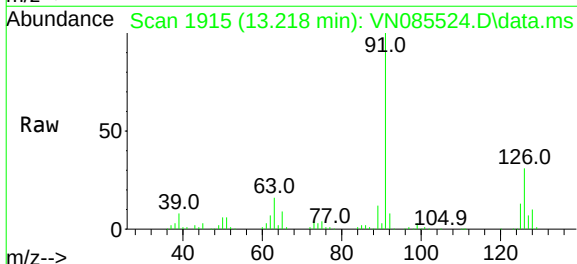
Manual Integrations
APPROVED

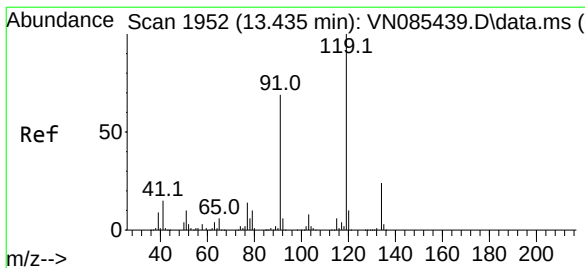
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#82
4-Chlorotoluene
Concen: 51.364 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion: 91 Resp: 389984
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7





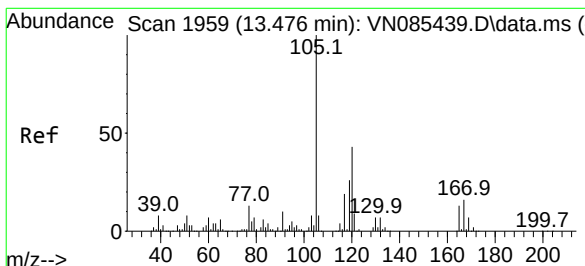
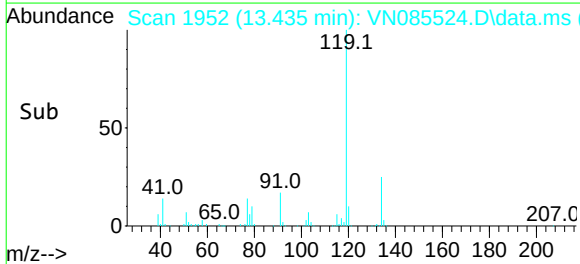
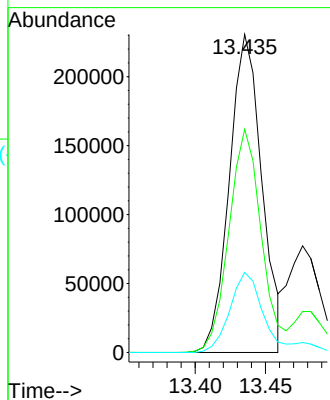
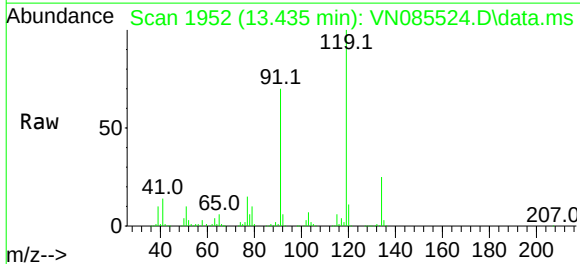
#83
tert-Butylbenzene
Concen: 53.691 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 370667
Ion Ratio Lower Upper
119 100
91 70.4 35.1 105.3
134 27.5 12.0 36.1

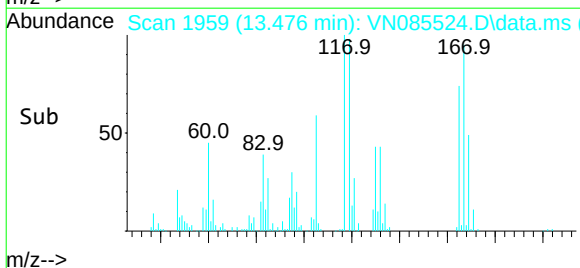
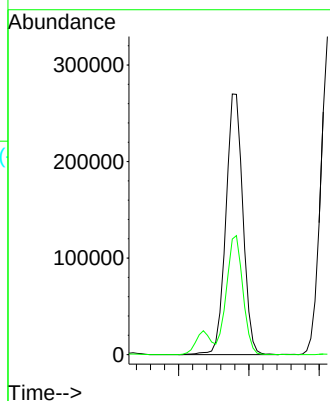
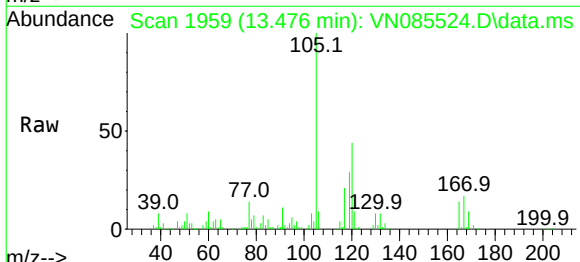
Manual Integrations
APPROVED

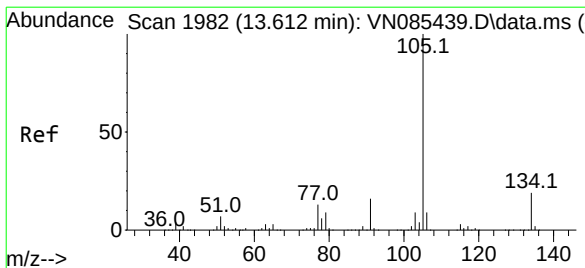
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.284 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:105 Resp: 452976
Ion Ratio Lower Upper
105 100
120 44.1 21.6 65.0





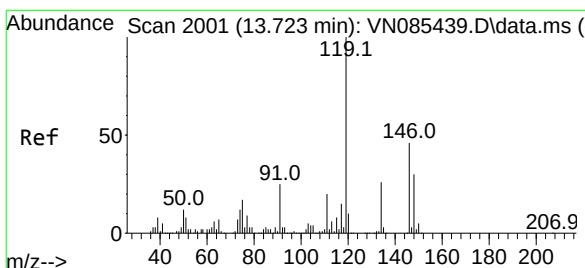
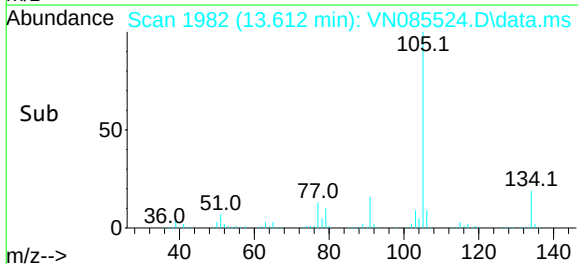
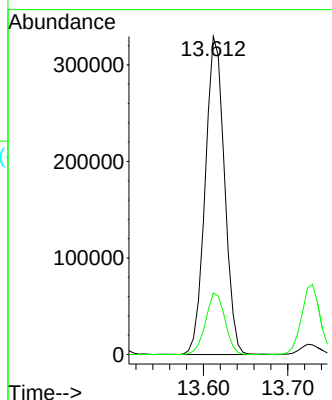
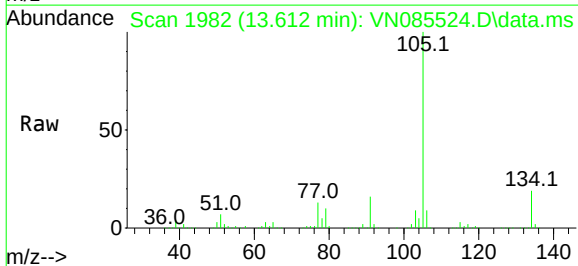
#85
 sec-Butylbenzene
 Concen: 54.592 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 522355
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

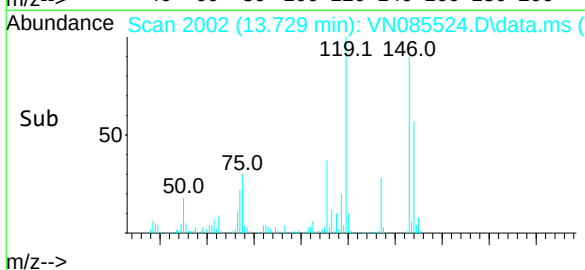
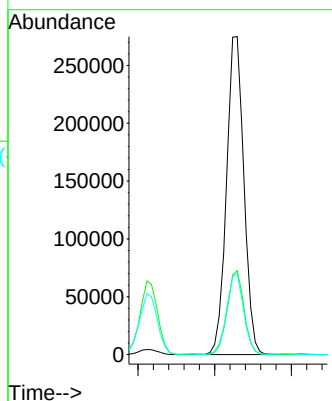
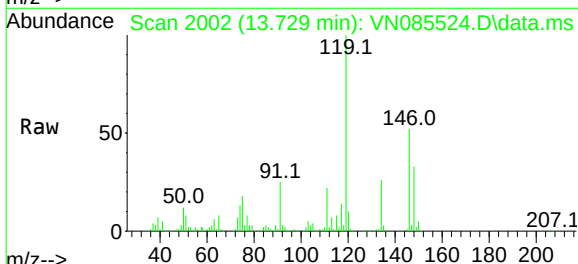
Manual Integrations
 APPROVED

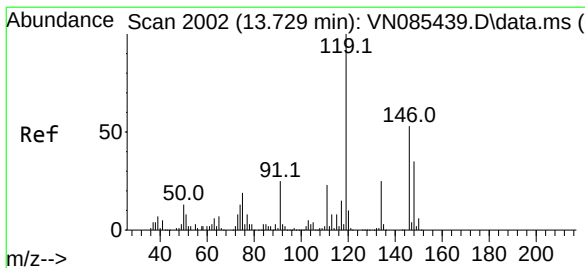
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025



#86
 p-Isopropyltoluene
 Concen: 50.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085524.D
 Acq: 27 Jan 2025 18:22

Tgt Ion:119 Resp: 433479
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.343 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

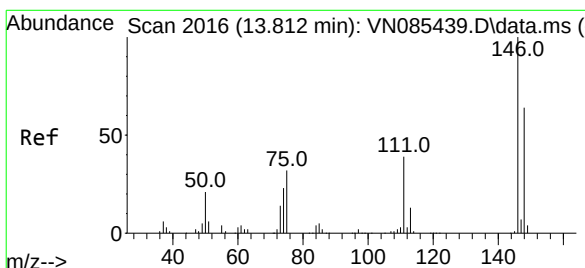
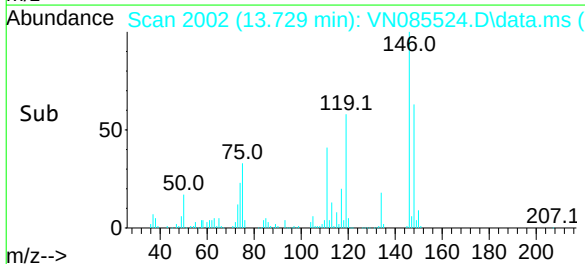
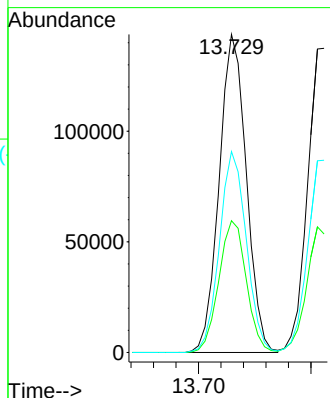
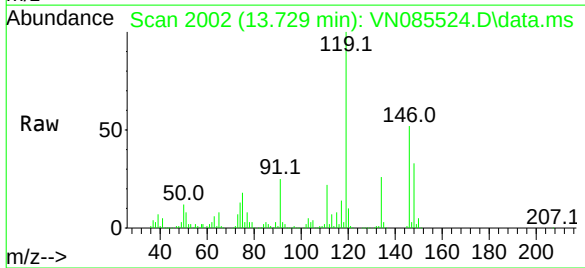
Tgt Ion:	146	Resp:	241073
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.4	64.3
148	62.7	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#88

1,4-Dichlorobenzene

Concen: 47.456 ug/l

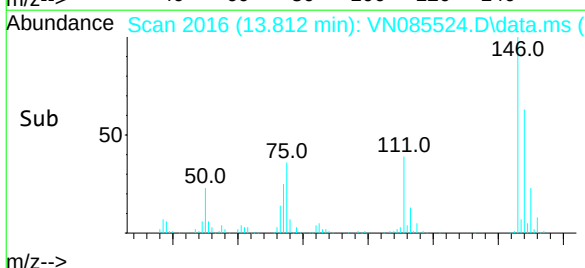
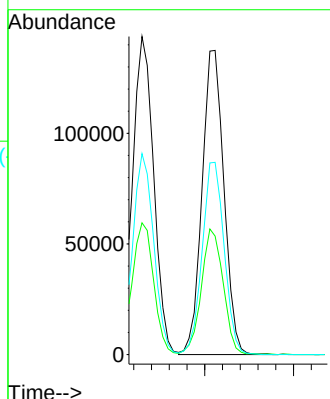
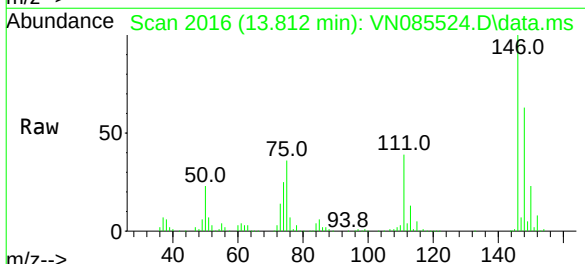
RT: 13.812 min Scan# 2016

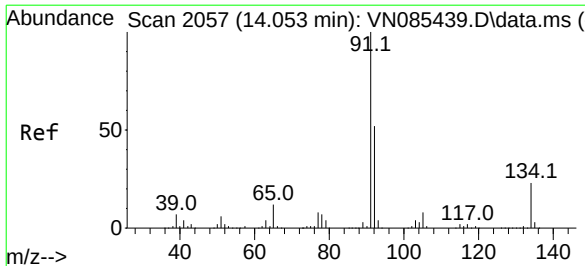
Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Tgt Ion:	146	Resp:	235549
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	63.7
148	63.7	32.4	97.0





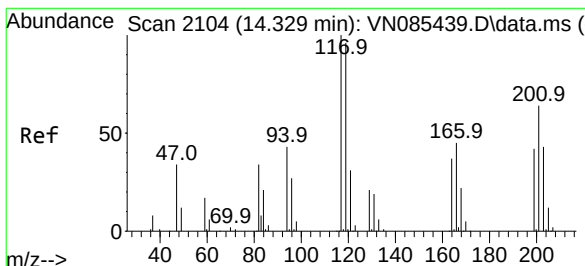
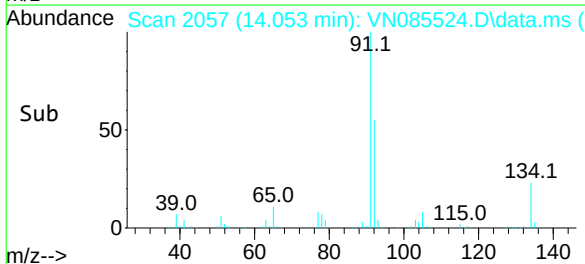
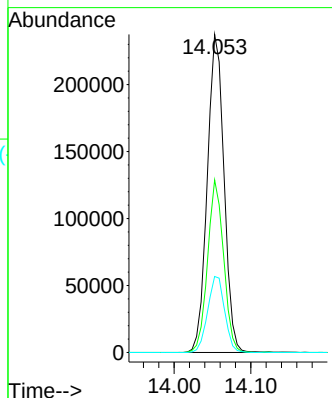
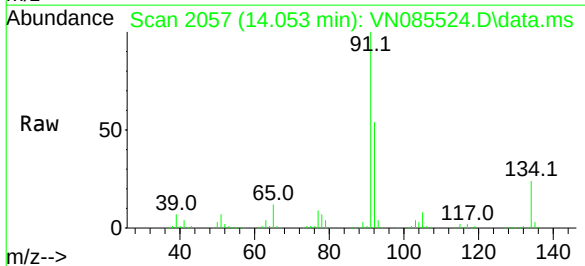
#89
n-Butylbenzene
Concen: 52.513 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	360467
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	24.2	11.7	35.1

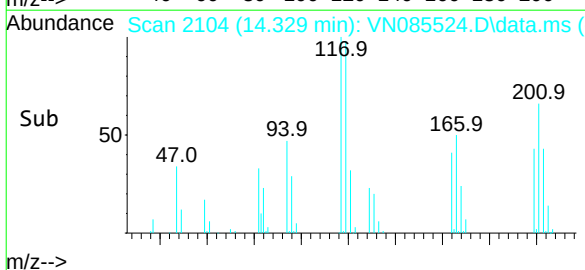
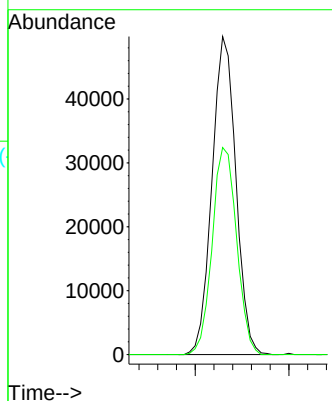
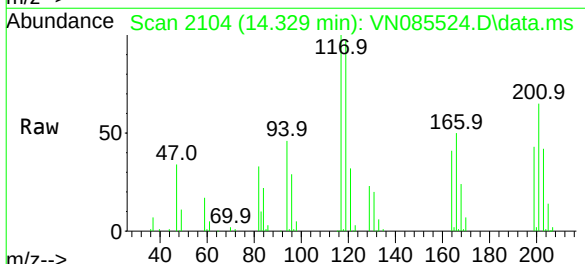
Manual Integrations
APPROVED

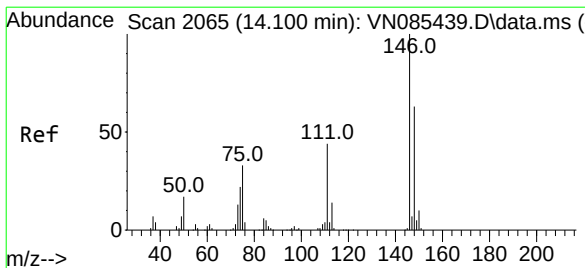
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#90
Hexachloroethane
Concen: 48.421 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Tgt Ion:	117	Resp:	88199
Ion	Ratio	Lower	Upper
117	100		
201	66.6	33.7	101.0





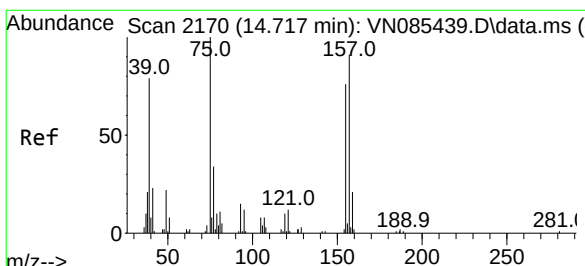
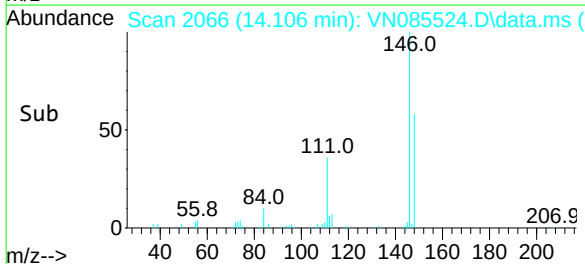
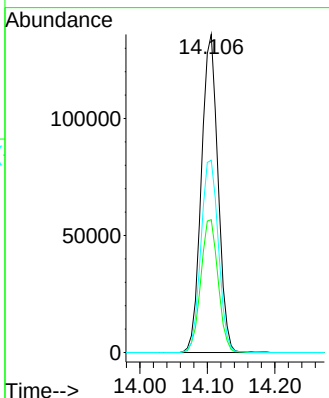
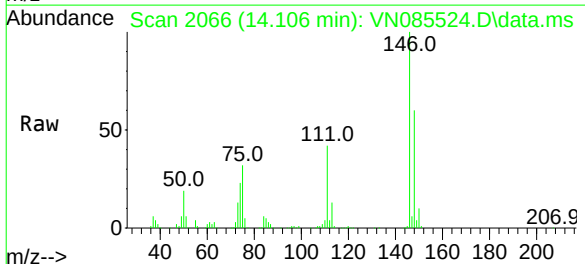
#91
1,2-Dichlorobenzene
Concen: 48.716 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 232695
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 63.6 31.4 94.2

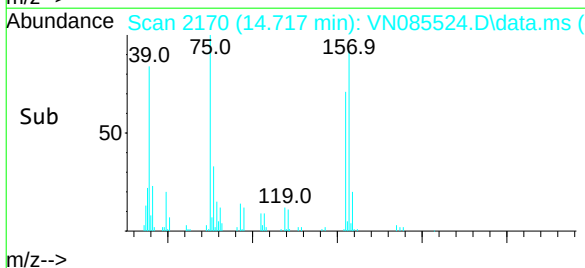
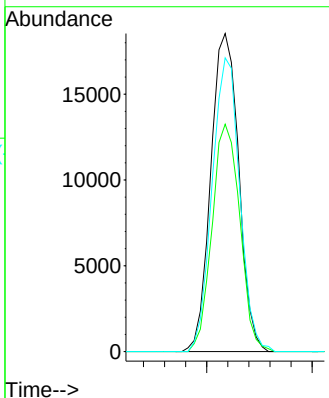
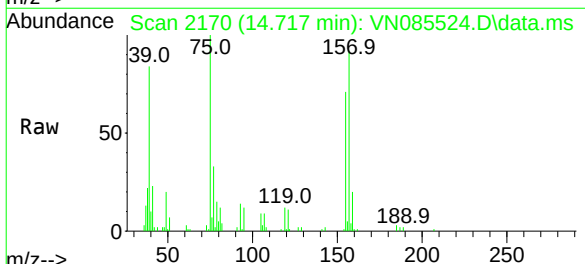
Manual Integrations
APPROVED

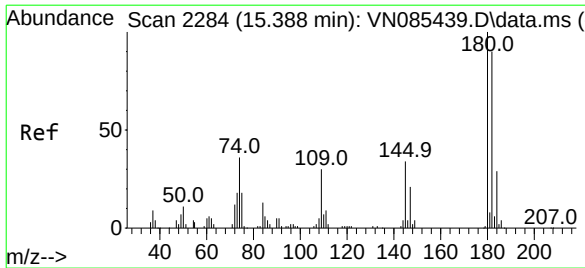
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.112 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

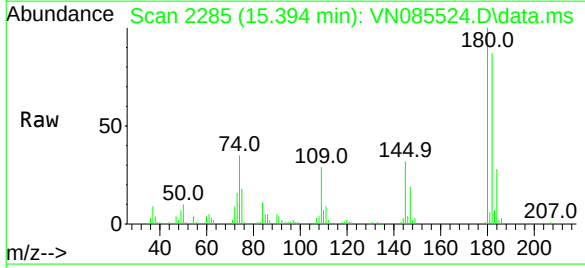
Tgt Ion: 75 Resp: 34097
Ion Ratio Lower Upper
75 100
155 71.2 36.4 109.2
157 91.2 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 49.520 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22

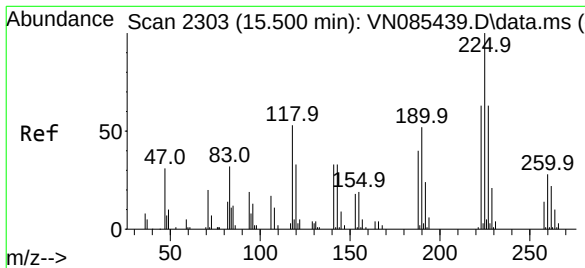
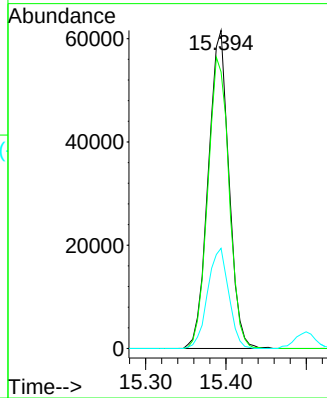
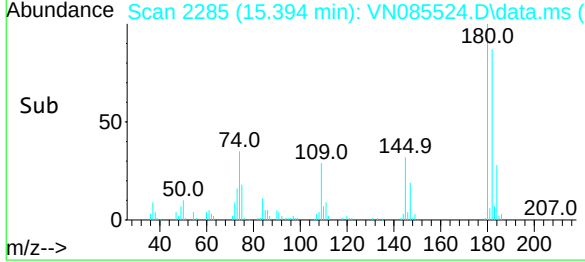
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



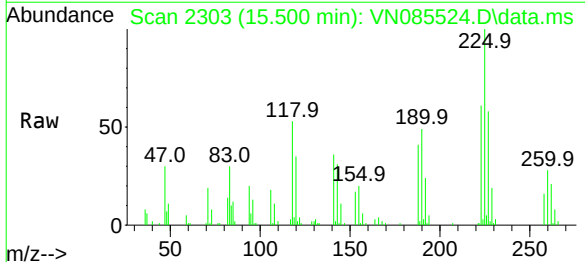
Tgt Ion:180 Resp: 109935
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.3
145 32.1 16.0 48.0

Manual Integrations
APPROVED

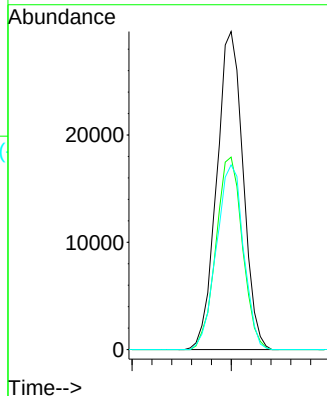
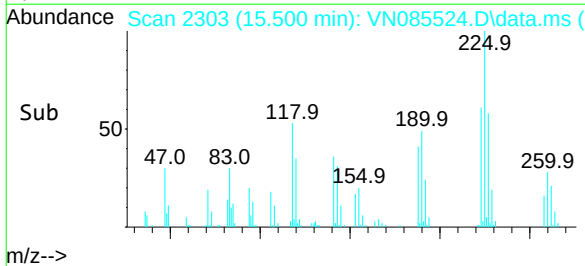
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

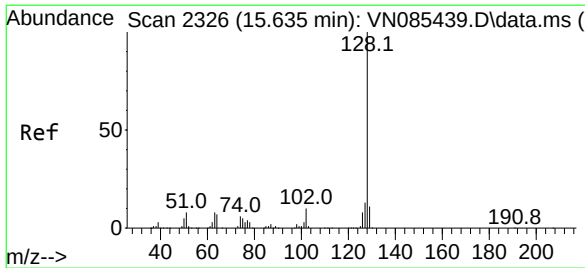


#94
Hexachlorobutadiene
Concen: 46.389 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085524.D
Acq: 27 Jan 2025 18:22



Tgt Ion:225 Resp: 54675
Ion Ratio Lower Upper
225 100
223 60.9 30.7 92.1
227 59.6 30.9 92.5





#95

Naphthalene

Concen: 51.894 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

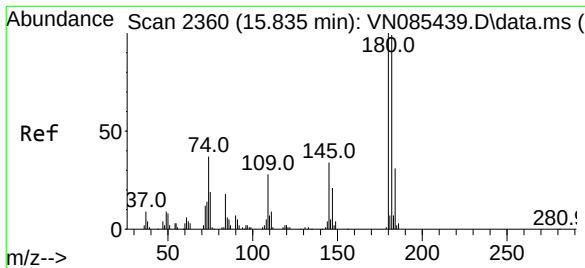
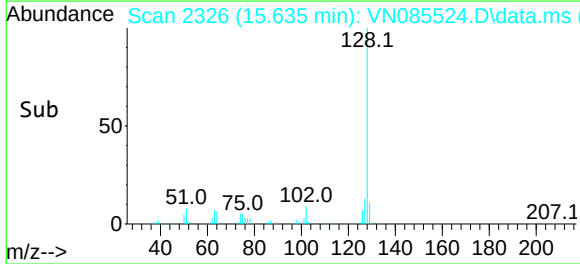
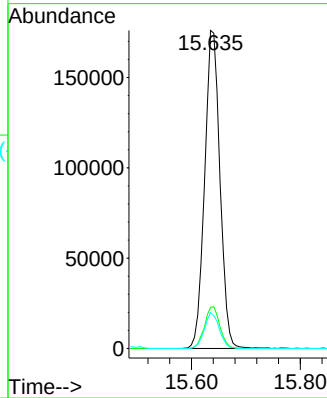
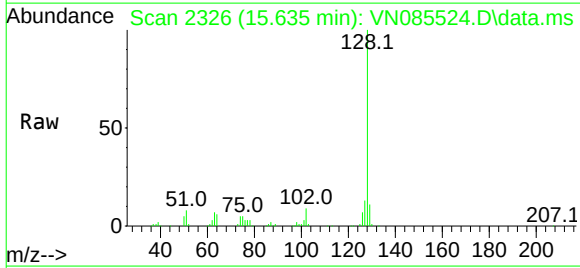
Tgt Ion:	128	Resp:	343781
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.699 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085524.D

Acq: 27 Jan 2025 18:22

Tgt Ion:	180	Resp:	107148
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.4	142.2
145	34.3	16.9	50.7

