

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085529.D
 Acq On : 28 Jan 2025 11:15
 Operator : JC\MD
 Sample : VN0128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 00:35:38 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	185562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153168	51.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.280%
35) Dibromofluoromethane	8.165	113	113571	53.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.565	98	410056	54.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.180%
62) 4-Bromofluorobenzene	12.847	95	134929	52.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45881	18.261	ug/l	99
3) Chloromethane	2.359	50	46936	17.254	ug/l	98
4) Vinyl Chloride	2.512	62	49715	18.182	ug/l	98
5) Bromomethane	2.965	94	32217	19.506	ug/l	93
6) Chloroethane	3.118	64	34288	19.780	ug/l	95
7) Trichlorofluoromethane	3.501	101	82151	20.707	ug/l	94
8) Diethyl Ether	3.959	74	26345	19.222	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	45774	20.484	ug/l	98
10) Methyl Iodide	4.589	142	50026	19.549	ug/l	95
11) Tert butyl alcohol	5.512	59	37334	108.849	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37952	19.057	ug/l	93
13) Acrolein	4.177	56	39646	84.676	ug/l	98
14) Allyl chloride	5.024	41	59056	18.275	ug/l	98
15) Acrylonitrile	5.712	53	116207	106.667	ug/l	98
16) Acetone	4.424	43	101360	104.730	ug/l	94
17) Carbon Disulfide	4.706	76	100344	16.364	ug/l	98
18) Methyl Acetate	5.018	43	66988	22.762	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	135056	20.885	ug/l	97
20) Methylene Chloride	5.277	84	47487	19.820	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	40233	18.903	ug/l	94
22) Diisopropyl ether	6.671	45	147403	20.550	ug/l	97
23) Vinyl Acetate	6.600	43	516002	102.796	ug/l	99
24) 1,1-Dichloroethane	6.565	63	87952	20.110	ug/l	99
25) 2-Butanone	7.477	43	153642	107.876	ug/l	98
26) 2,2-Dichloropropane	7.488	77	78263	22.133	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	49822	19.875	ug/l	99
28) Bromochloromethane	7.812	49	32851	16.145	ug/l	96
29) Tetrahydrofuran	7.836	42	102010	112.971	ug/l	99
30) Chloroform	7.965	83	92905	20.553	ug/l	93
31) Cyclohexane	8.253	56	67069	17.643	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	80919	20.408	ug/l	97
36) 1,1-Dichloropropene	8.365	75	58916	19.673	ug/l	99
37) Ethyl Acetate	7.553	43	62638	20.722	ug/l	98
38) Carbon Tetrachloride	8.359	117	70429	20.543	ug/l	97
39) Methylcyclohexane	9.600	83	53089	18.865	ug/l	96
40) Benzene	8.606	78	186111	20.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33670	21.410	ug/l	98
42) 1,2-Dichloroethane	8.665	62	71068	20.970	ug/l	100
43) Isopropyl Acetate	8.688	43	105036	21.686	ug/l	99
44) Trichloroethene	9.347	130	42674	20.374	ug/l	97
45) 1,2-Dichloropropane	9.618	63	47674	20.743	ug/l	98
46) Dibromomethane	9.706	93	33823	20.395	ug/l	97
47) Bromodichloromethane	9.882	83	73309	21.697	ug/l	97
48) Methyl methacrylate	9.677	41	47567	21.823	ug/l	98
49) 1,4-Dioxane	9.694	88	15432	420.430	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	324778	115.555	ug/l	100
52) Toluene	10.629	92	113994	21.864	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	68322	21.398	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	73429	21.530	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	45212	21.912	ug/l	94
56) Ethyl methacrylate	10.871	69	62727	19.281	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78623	21.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	114984	87.817	ug/l	100
59) 2-Hexanone	11.194	43	234494	118.574	ug/l	98
60) Dibromochloromethane	11.359	129	52835	21.210	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42361	20.625	ug/l	99
64) Tetrachloroethene	11.100	164	40019	21.658	ug/l	99
65) Chlorobenzene	11.888	112	122235	20.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	46034	21.124	ug/l	99
67) Ethyl Benzene	11.959	91	201123	20.797	ug/l	98
68) m/p-Xylenes	12.071	106	154069	43.106	ug/l	99
69) o-Xylene	12.394	106	71535	20.943	ug/l	100
70) Styrene	12.412	104	120125	21.250	ug/l	99
71) Bromoform	12.576	173	35108	22.516	ug/l #	99
73) Isopropylbenzene	12.694	105	178577	20.880	ug/l	98
74) N-amyl acetate	12.488	43	80633	20.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	65405	21.649	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60066m	23.321	ug/l	
77) Bromobenzene	12.976	156	47665	21.332	ug/l	99
78) n-propylbenzene	13.035	91	217855	21.517	ug/l	99
79) 2-Chlorotoluene	13.123	91	138138	21.081	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	154258	21.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21965	23.073	ug/l	87
82) 4-Chlorotoluene	13.218	91	139420	21.369	ug/l	100
83) tert-Butylbenzene	13.435	119	124147	20.926	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155548	22.092	ug/l	98
85) sec-Butylbenzene	13.612	105	178351	21.691	ug/l	100
86) p-Isopropyltoluene	13.729	119	143953	20.952	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	85729	20.833	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	84406	19.789	ug/l	99
89) n-Butylbenzene	14.053	91	115181	19.526	ug/l	100
90) Hexachloroethane	14.329	117	30558	19.522	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	83529	20.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12961	23.494	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	36081	18.913	ug/l	95
94) Hexachlorobutadiene	15.494	225	20163	19.907	ug/l	98
95) Naphthalene	15.641	128	104713	18.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36634	18.978	ug/l	98

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QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

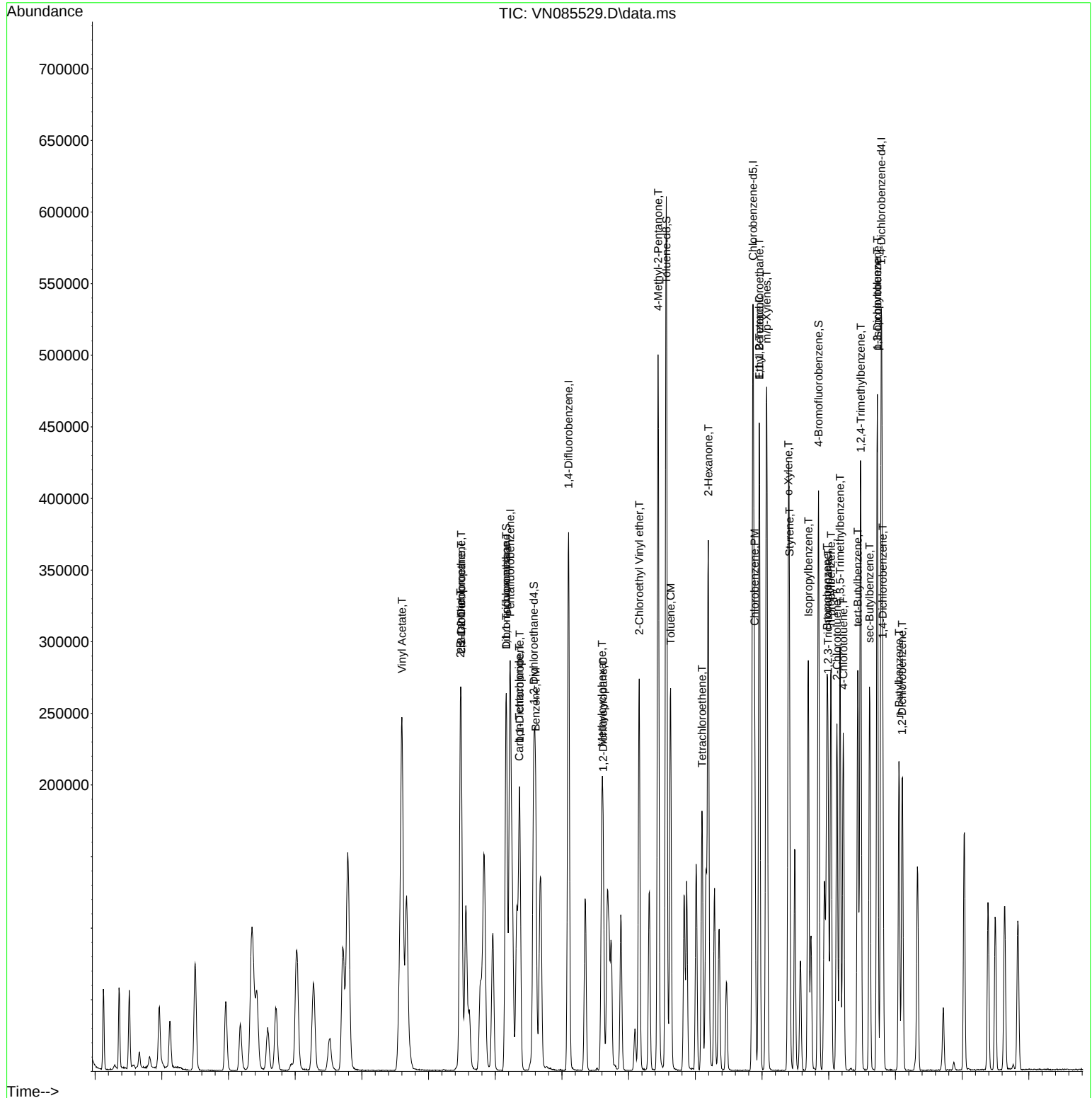
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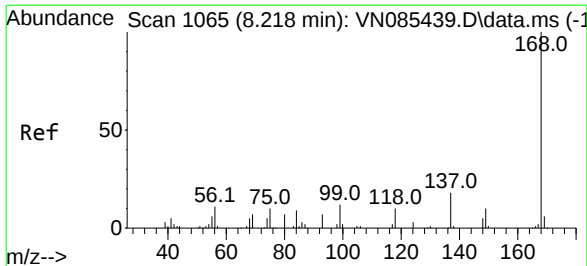
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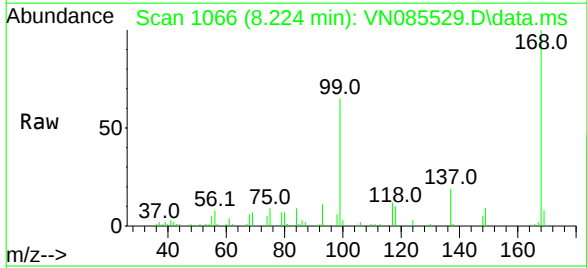
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085529.D
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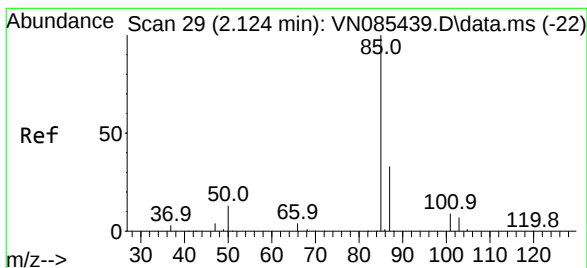
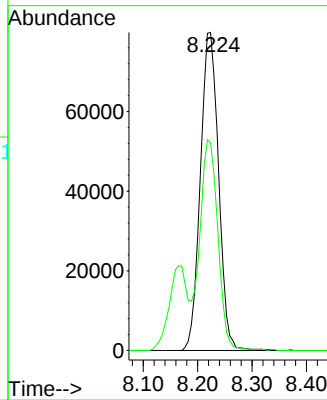
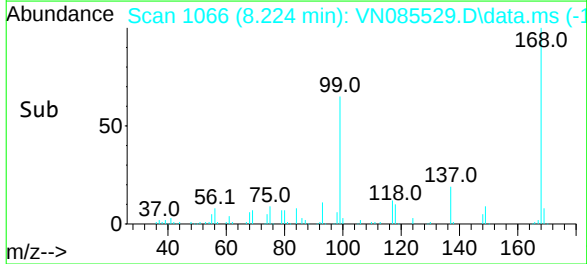
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 168 Resp: 185562
Ion Ratio Lower Upper
168 100
99 65.3 53.6 80.4

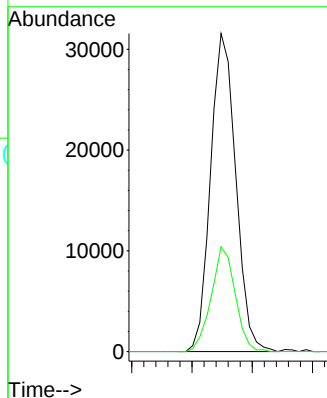
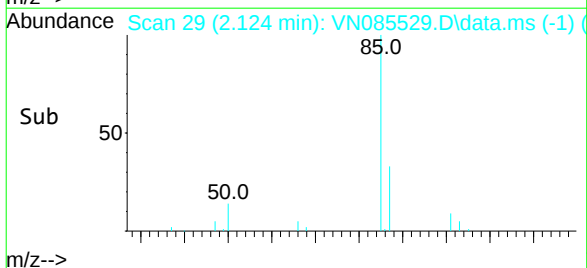
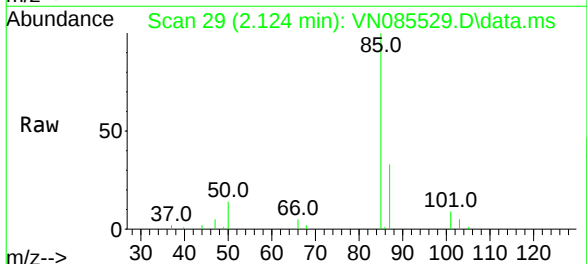
Manual Integrations
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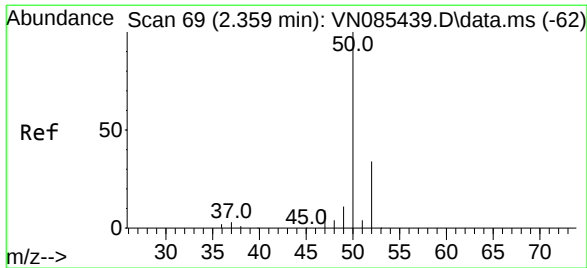
Reviewed By : John Carlone 01/29/2025
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#2
Dichlorodifluoromethane
Concen: 18.261 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

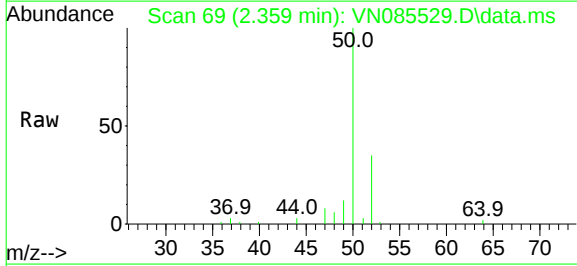
Tgt Ion: 85 Resp: 45881
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





#3
Chloromethane
Concen: 17.254 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

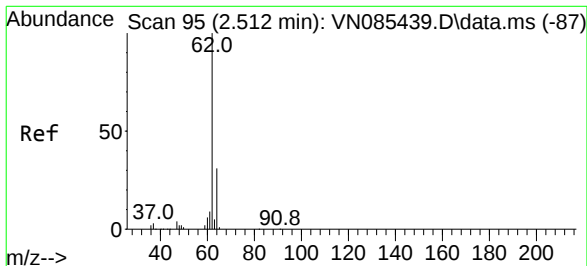
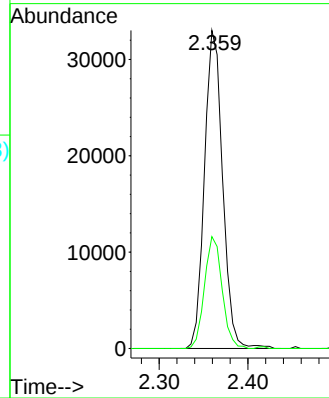
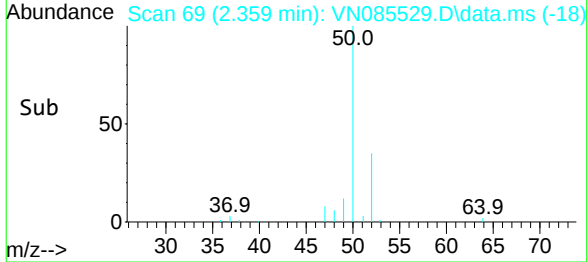
Instrument :
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Tgt Ion: 50 Resp: 46936
Ion Ratio Lower Upper
50 100
52 35.2 27.0 40.6

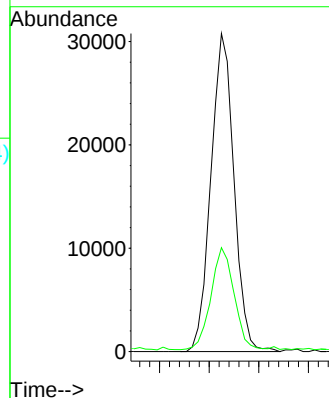
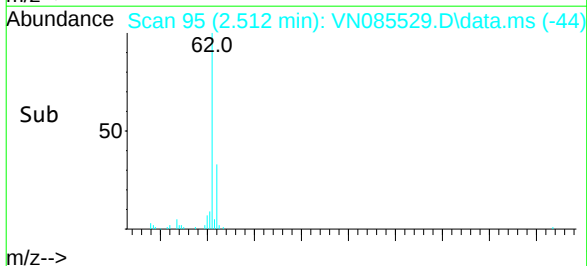
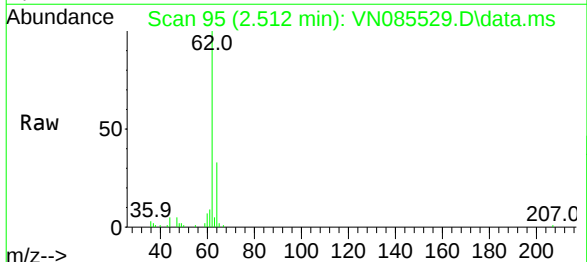
Manual Integrations
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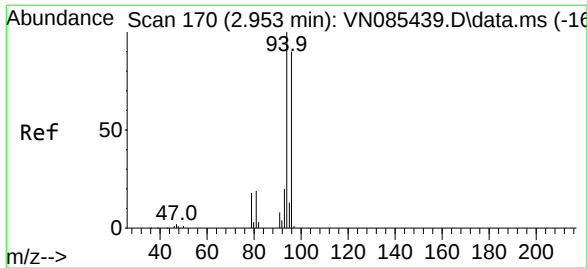
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#4
Vinyl Chloride
Concen: 18.182 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

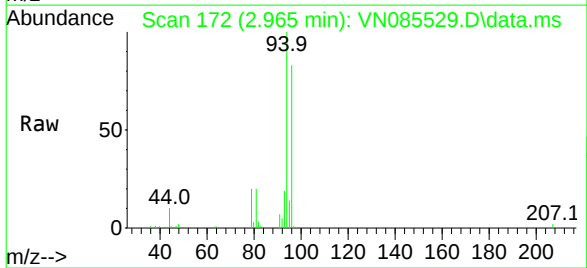
Tgt Ion: 62 Resp: 49715
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2





#5
Bromomethane
Concen: 19.506 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.012 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

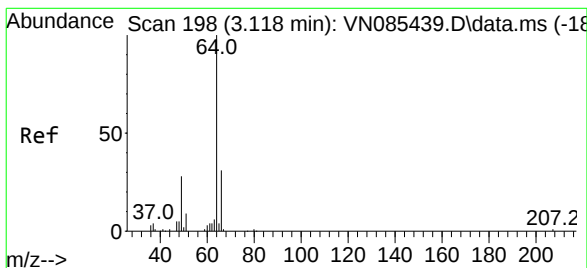
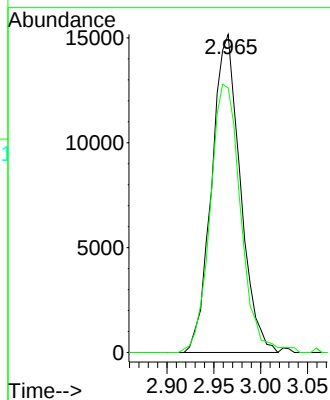
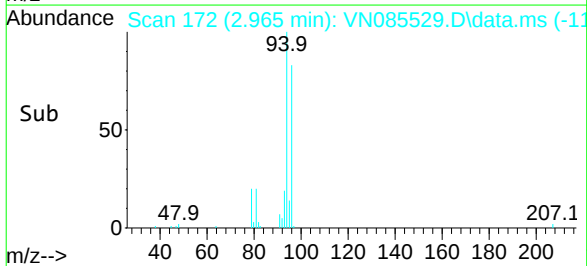
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Tgt Ion: 94 Resp: 32217
Ion Ratio Lower Upper
94 100
96 83.2 71.8 107.6

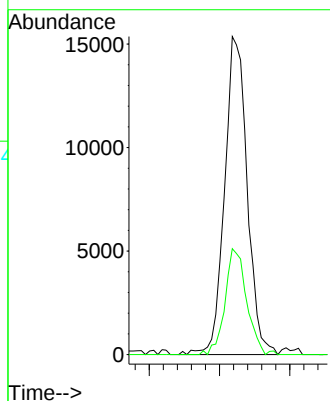
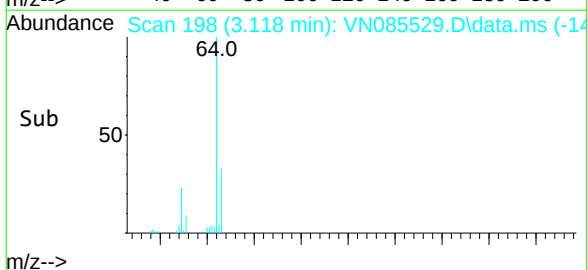
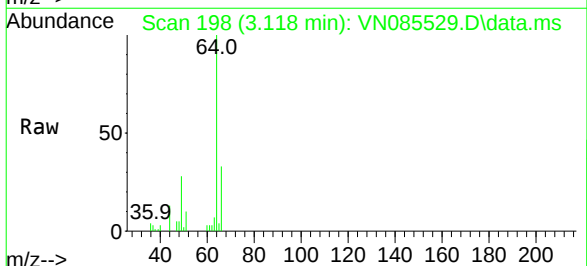
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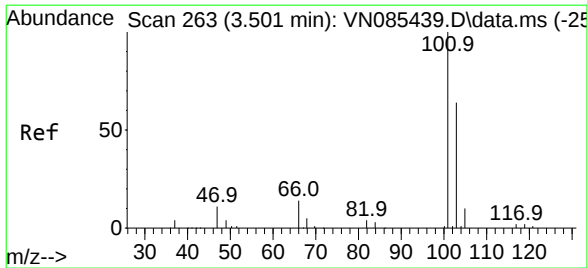
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#6
Chloroethane
Concen: 19.780 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

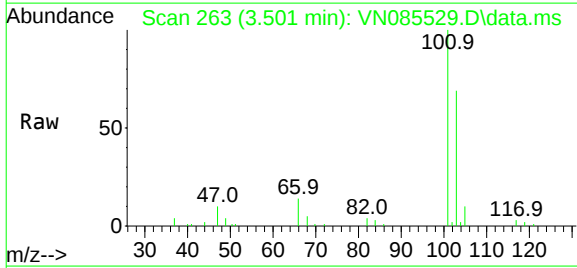
Tgt Ion: 64 Resp: 34288
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.707 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

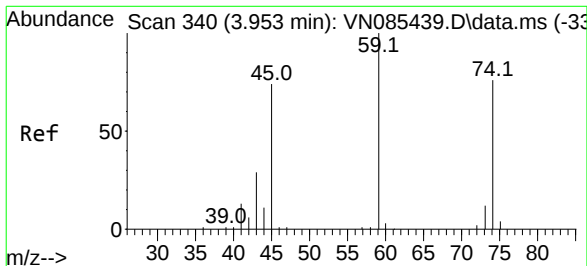
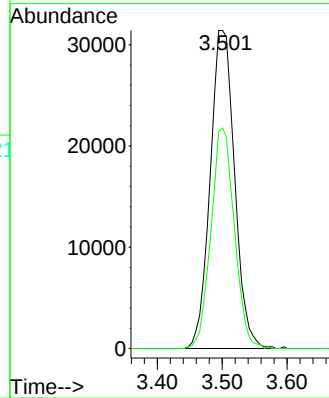
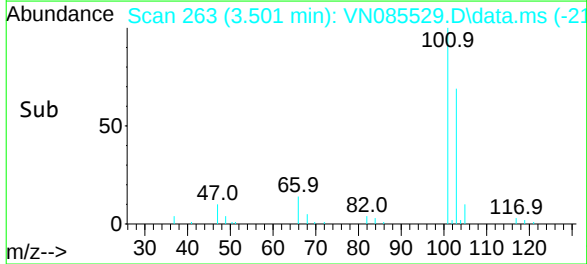
Instrument :
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Tgt Ion: 101 Resp: 82151
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.4 77.2

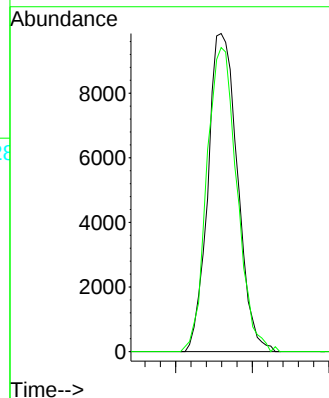
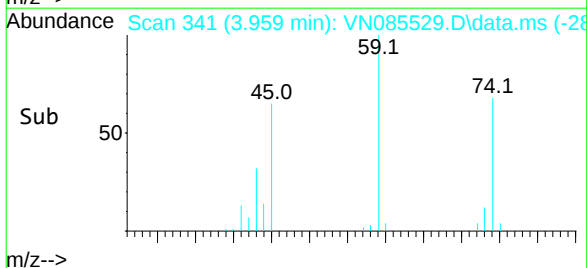
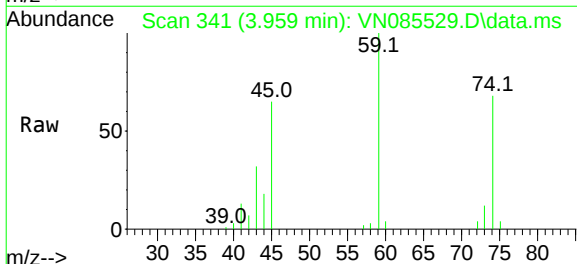
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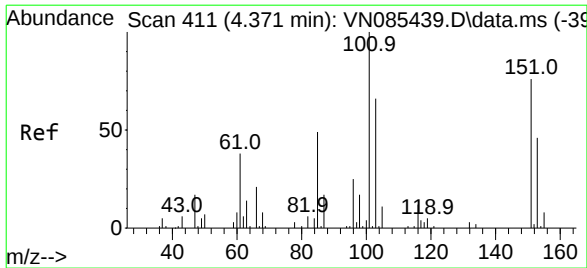
Reviewed By : John Carlone 01/29/2025
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#8
 Diethyl Ether
 Concen: 19.222 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

Tgt Ion: 74 Resp: 26345
 Ion Ratio Lower Upper
 74 100
 45 97.4 49.7 149.1





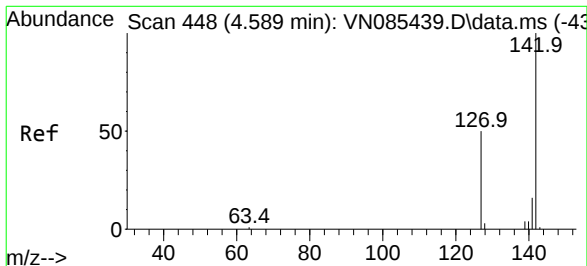
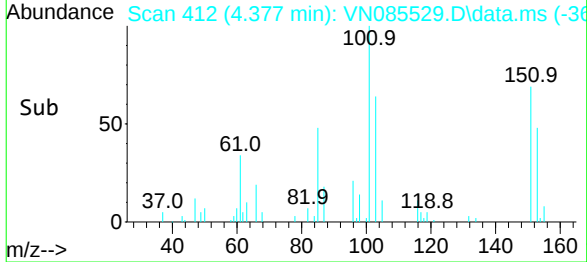
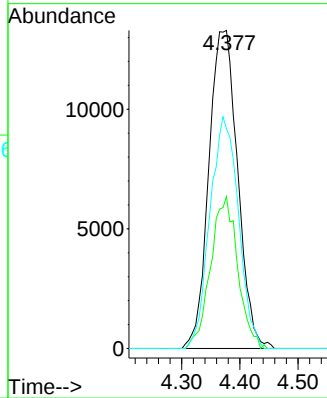
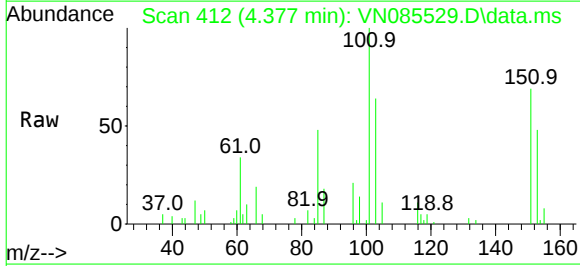
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.484 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:101 Resp: 45774
Ion Ratio Lower Upper
101 100
85 44.9 37.8 56.8
151 72.0 58.8 88.2

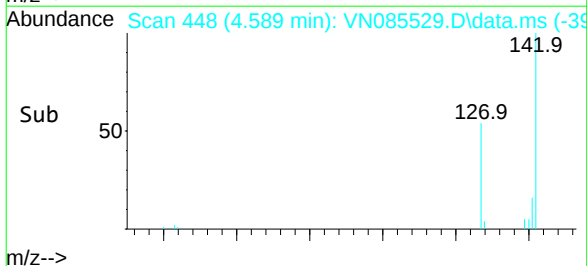
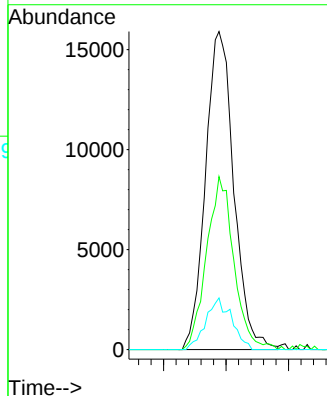
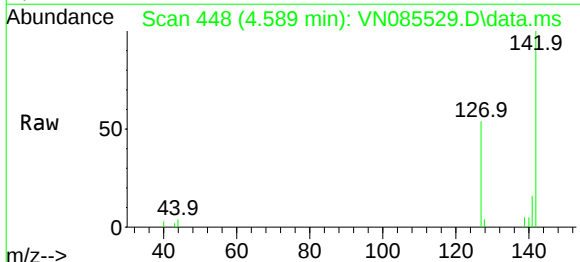
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 19.549 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:142 Resp: 50026
Ion Ratio Lower Upper
142 100
127 54.4 40.3 60.5
141 16.2 12.8 19.2





#11

Tert butyl alcohol

Concen: 108.849 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion: 59 Resp: 37334

Ion Ratio Lower Upper

59 100

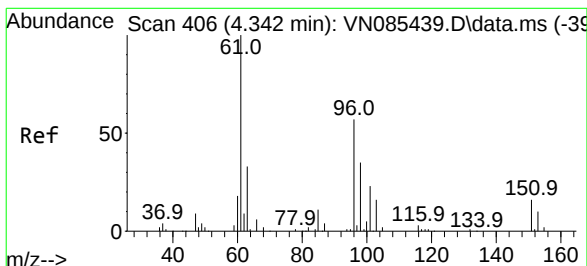
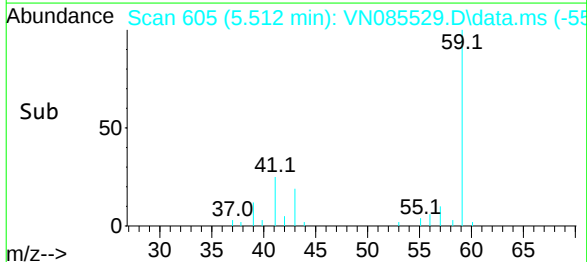
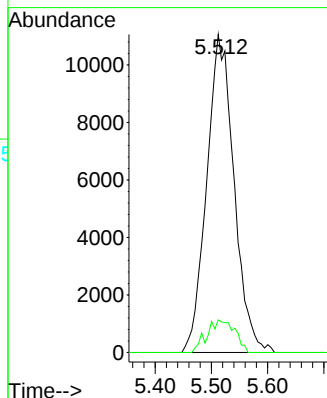
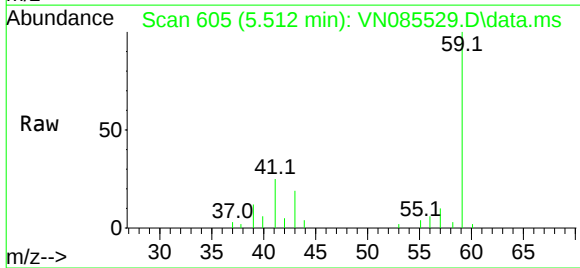
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#12

1,1-Dichloroethene

Concen: 19.057 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

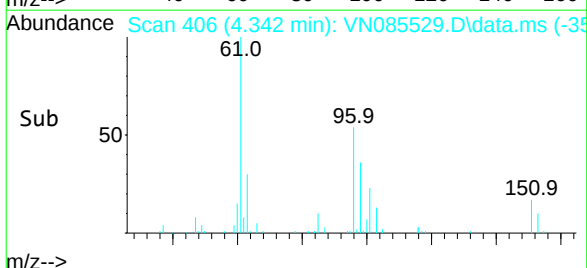
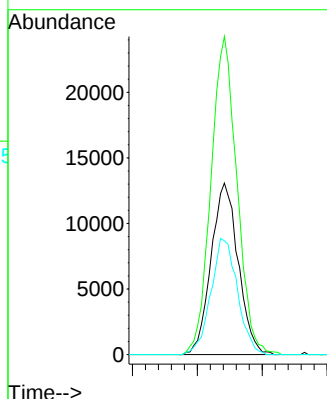
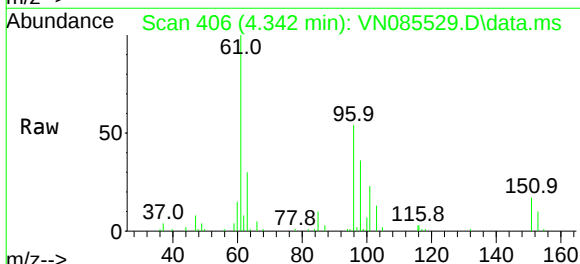
Tgt Ion: 96 Resp: 37952

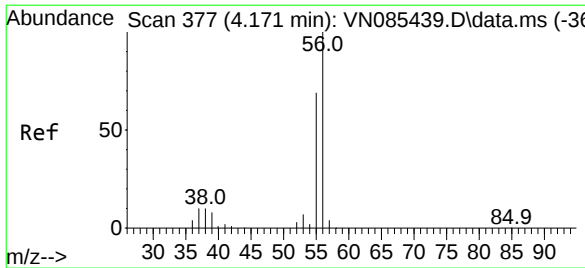
Ion Ratio Lower Upper

96 100

61 185.5 141.0 211.4

98 66.4 49.0 73.6





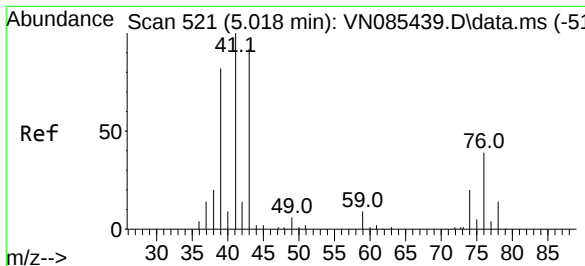
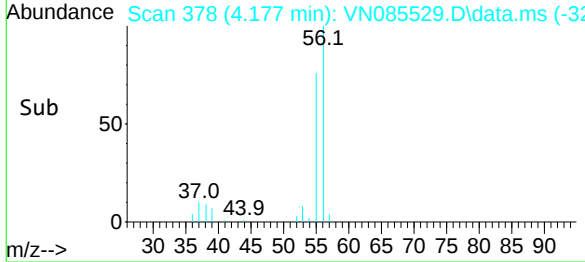
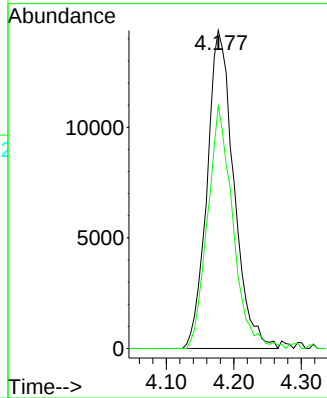
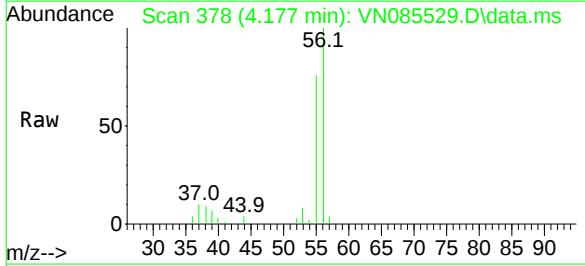
#13
Acrolein
Concen: 84.676 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 56 Resp: 39646
Ion Ratio Lower Upper
56 100
55 71.9 56.3 84.5

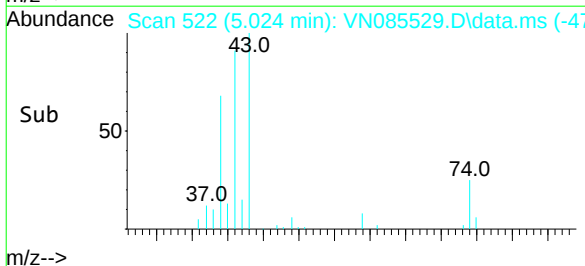
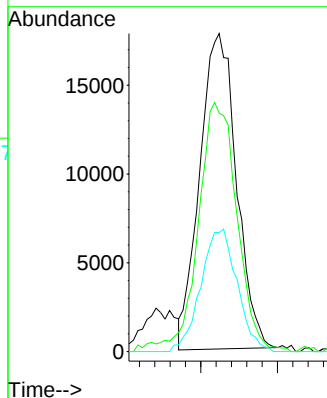
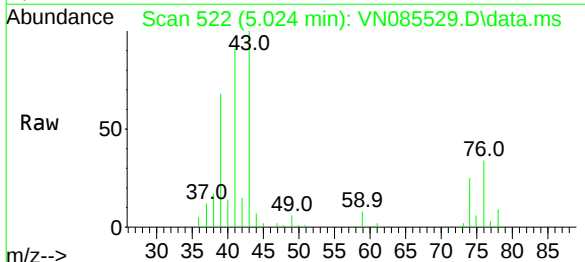
Manual Integrations
APPROVED

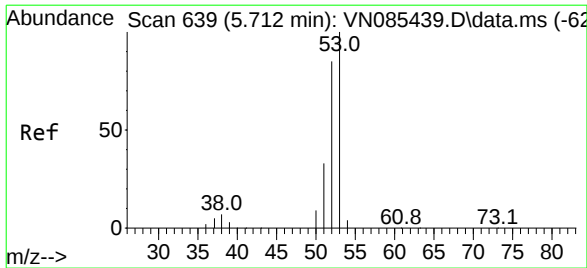
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#14
Allyl chloride
Concen: 18.275 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

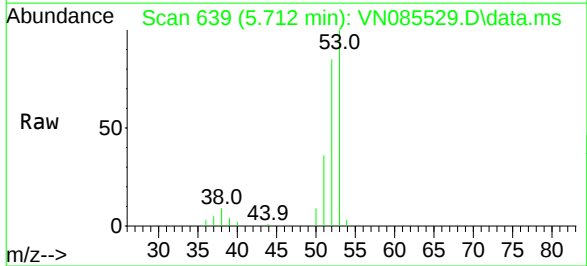
Tgt Ion: 41 Resp: 59056
Ion Ratio Lower Upper
41 100
39 83.5 64.4 96.6
76 38.4 30.5 45.7





#15
Acrylonitrile
Concen: 106.667 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

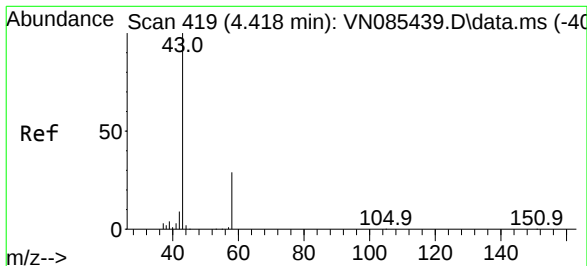
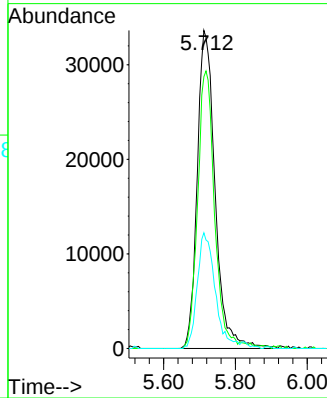
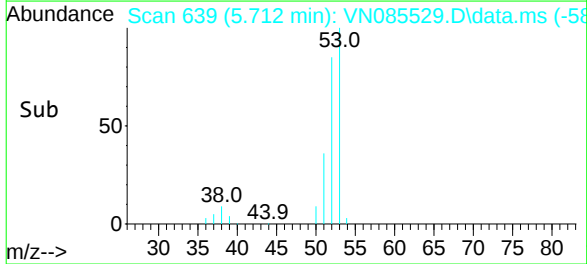
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



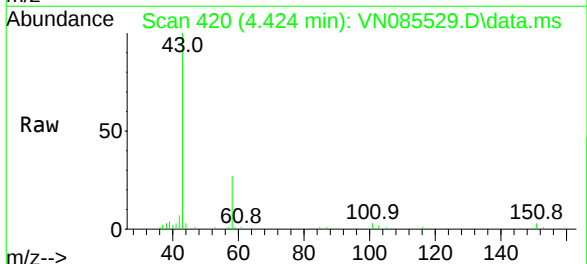
Tgt Ion: 53 Resp: 116207
Ion Ratio Lower Upper
53 100
52 83.3 65.5 98.3
51 36.3 29.8 44.8

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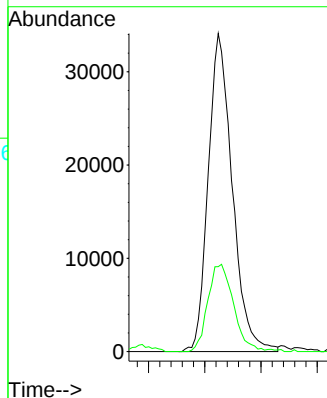
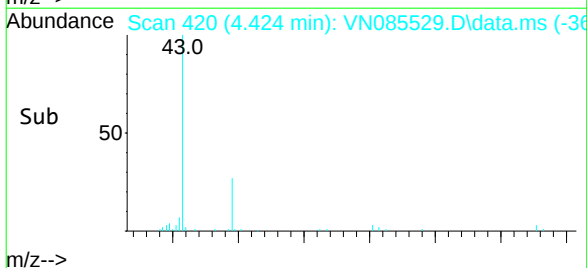
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

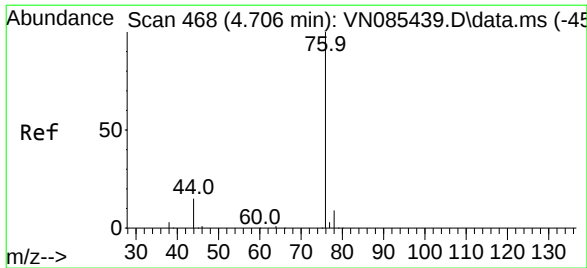


#16
Acetone
Concen: 104.730 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



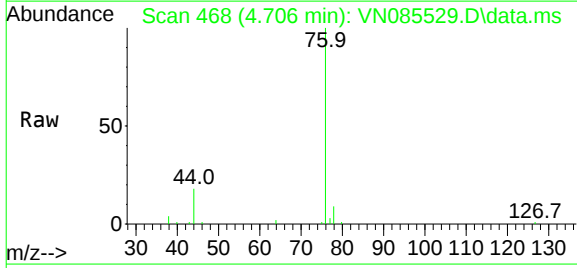
Tgt Ion: 43 Resp: 101360
Ion Ratio Lower Upper
43 100
58 26.7 23.8 35.6





#17
Carbon Disulfide
Concen: 16.364 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

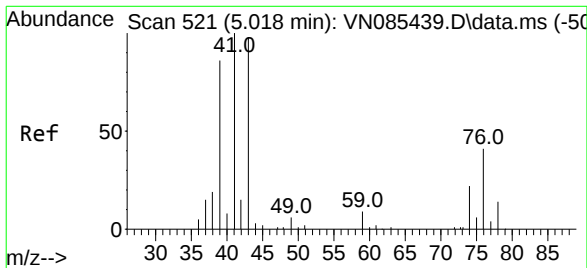
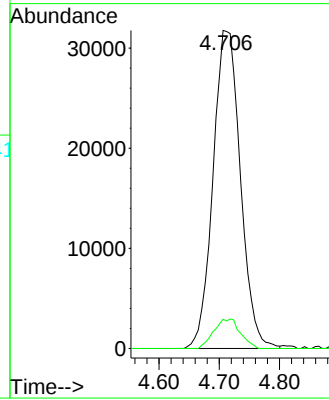
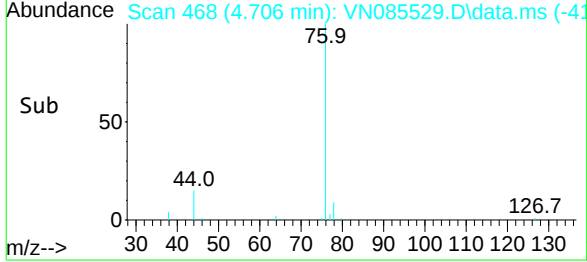
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 76 Resp: 100344
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

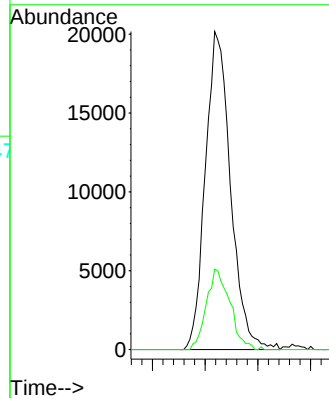
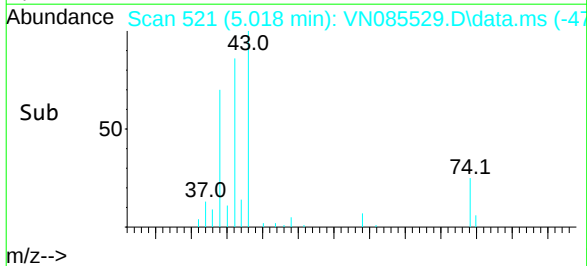
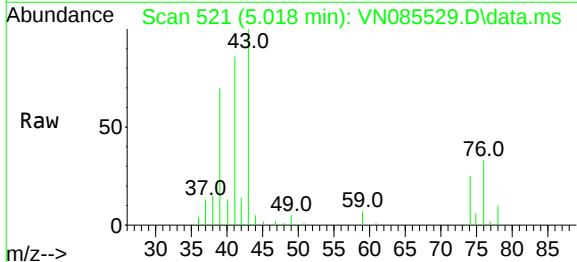
Manual Integrations
APPROVED

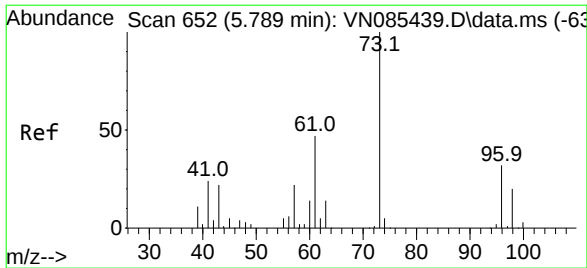
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#18
Methyl Acetate
Concen: 22.762 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

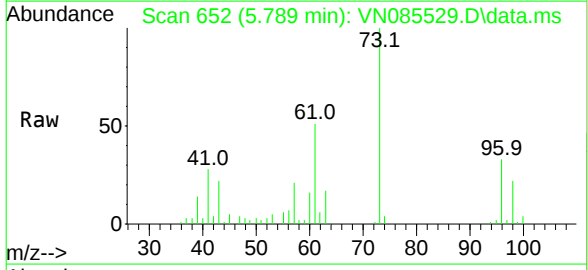
Tgt Ion: 43 Resp: 66988
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 20.885 ug/l
RT: 5.789 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

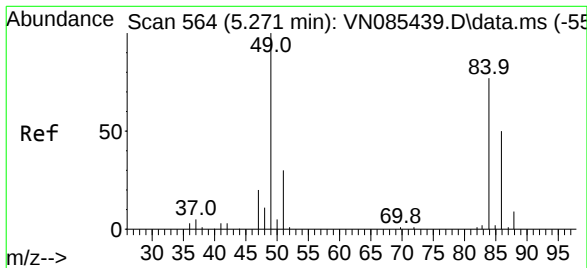
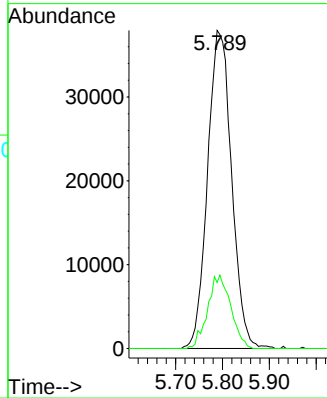
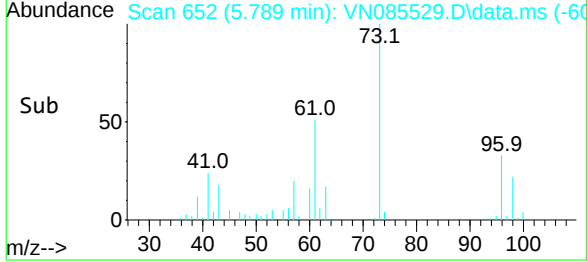
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



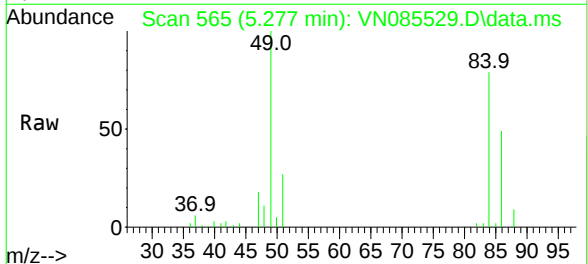
Tgt Ion: 73 Resp: 135056
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.8

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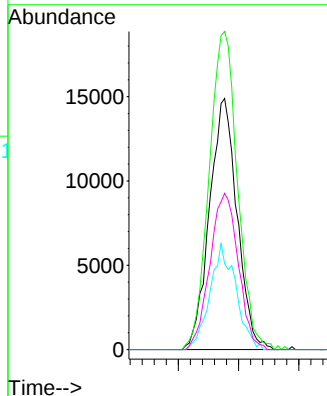
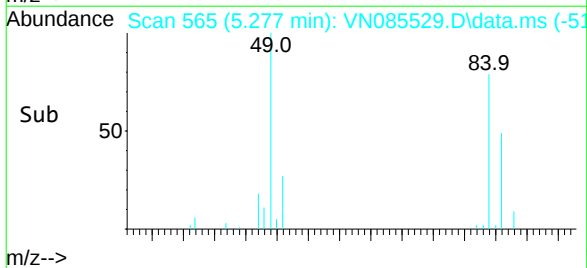
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

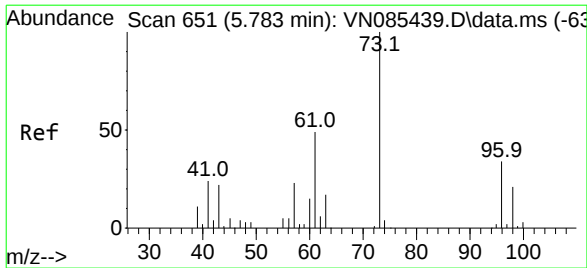


#20
Methylene Chloride
Concen: 19.820 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



Tgt Ion: 84 Resp: 47487
Ion Ratio Lower Upper
84 100
49 126.6 104.1 156.1
51 34.2 31.0 46.4
86 62.2 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 18.903 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion: 96 Resp: 40233

Ion Ratio Lower Upper

96 100

61 152.9 115.7 173.5

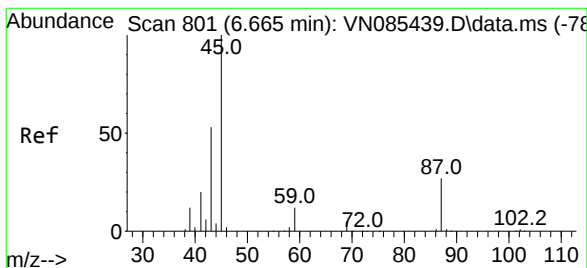
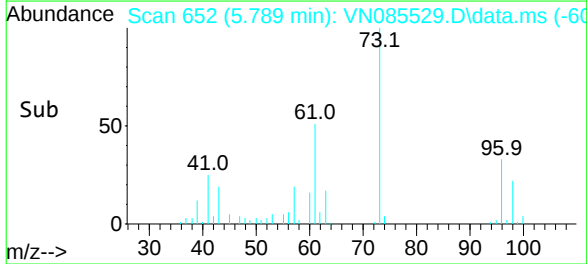
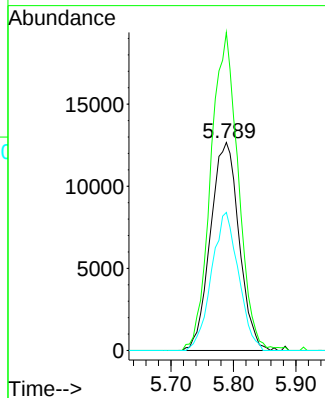
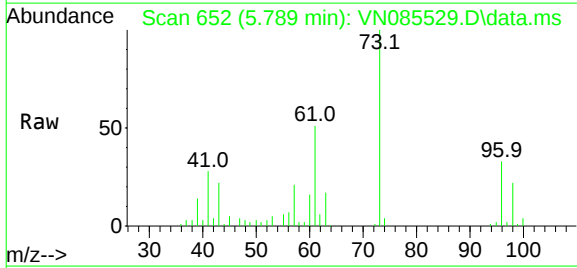
98 66.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#22

Diisopropyl ether

Concen: 20.550 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Tgt Ion: 45 Resp: 147403

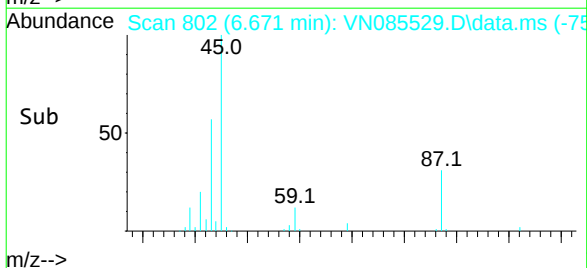
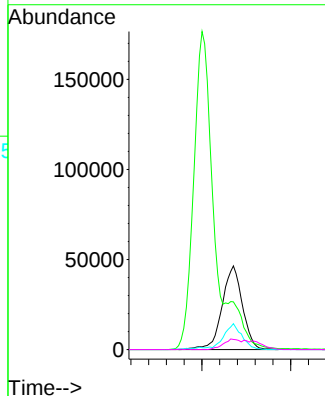
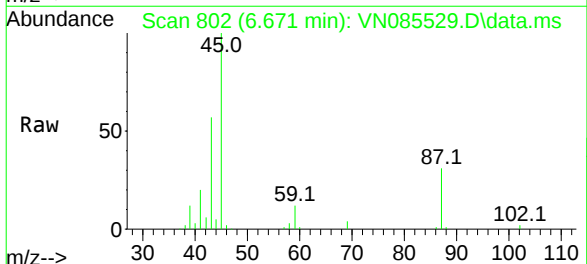
Ion Ratio Lower Upper

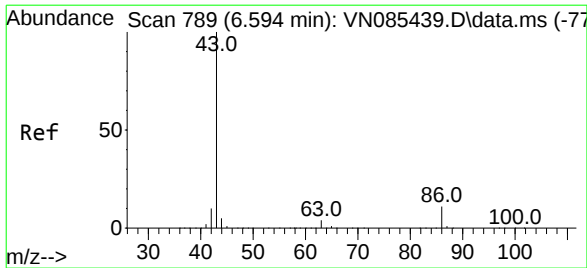
45 100

43 55.8 45.0 67.6

87 31.0 21.8 32.8

59 11.8 10.2 15.2





#23

Vinyl Acetate

Concen: 102.796 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

Tgt Ion: 43 Resp: 516002

Ion Ratio Lower Upper

43 100

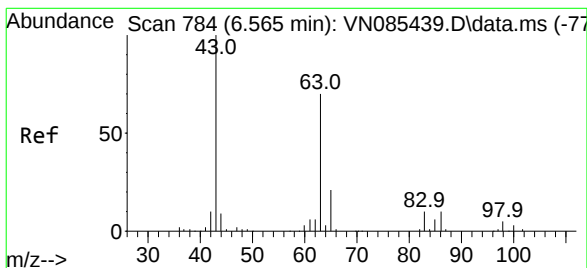
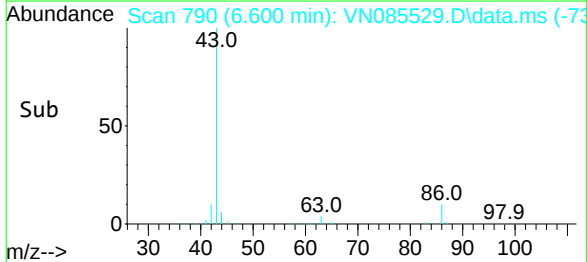
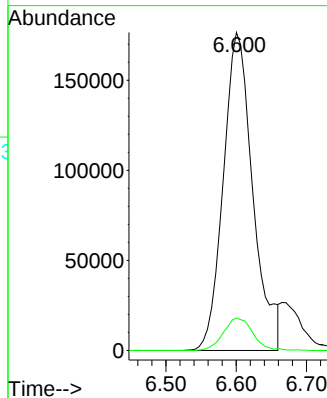
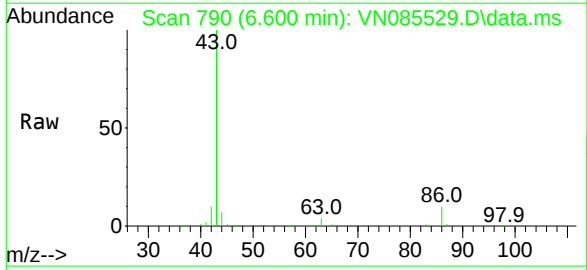
86 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#24

1,1-Dichloroethane

Concen: 20.110 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

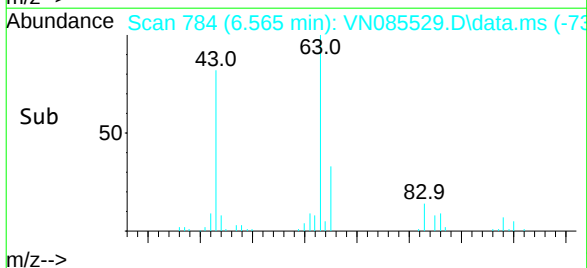
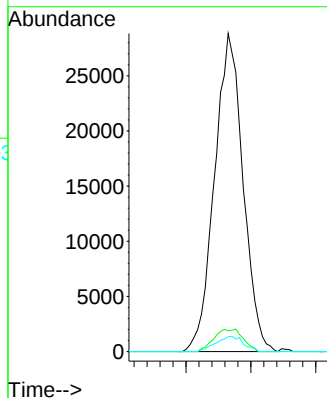
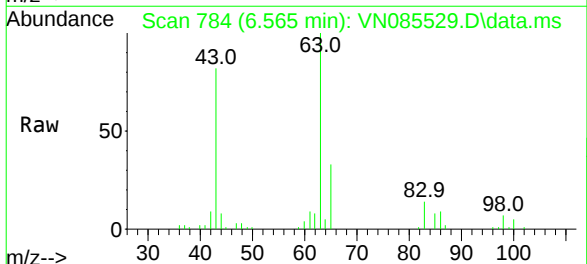
Tgt Ion: 63 Resp: 87952

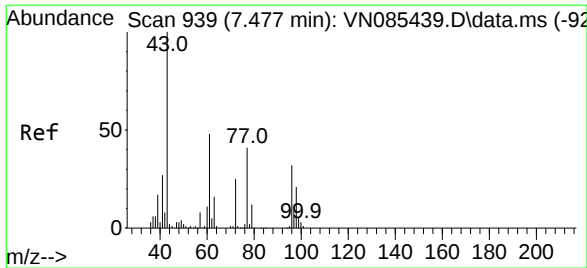
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

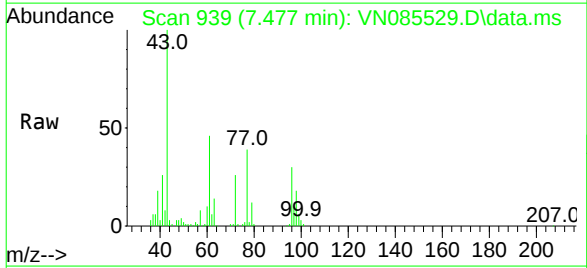
100 4.7 2.0 6.0





#25
2-Butanone
Concen: 107.876 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

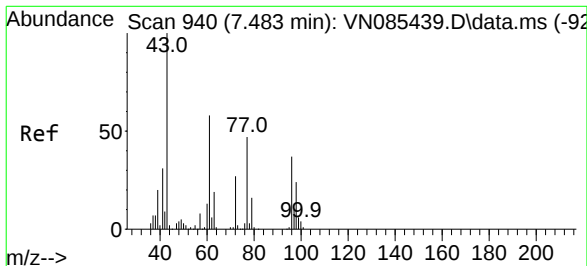
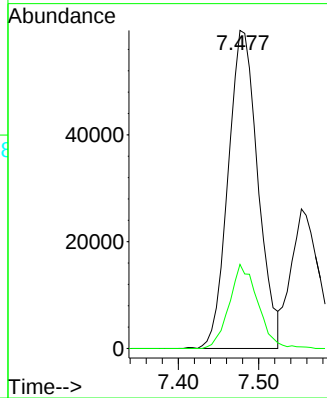
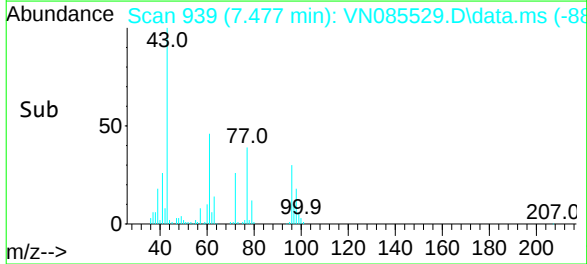
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



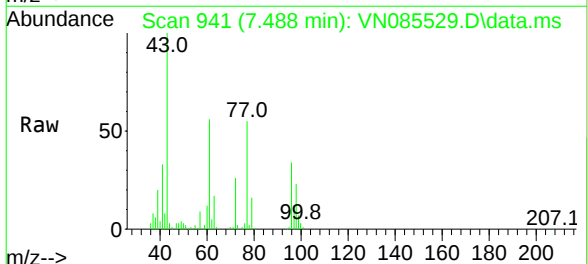
Tgt Ion: 43 Resp: 153642
Ion Ratio Lower Upper
43 100
72 26.4 20.2 30.4

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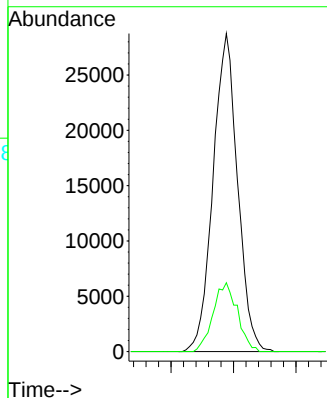
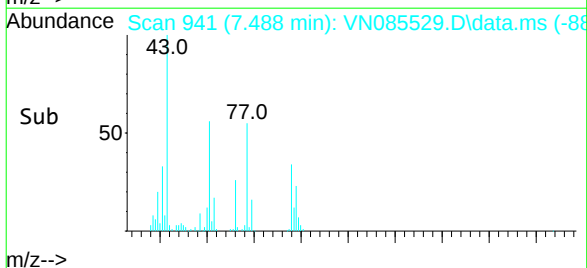
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

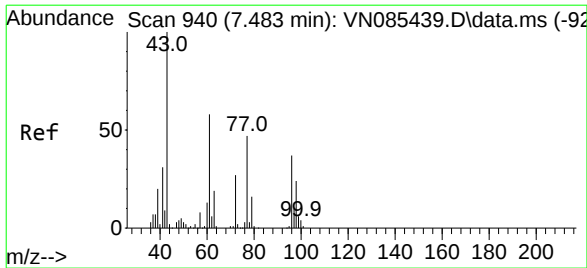


#26
2,2-Dichloropropane
Concen: 22.133 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



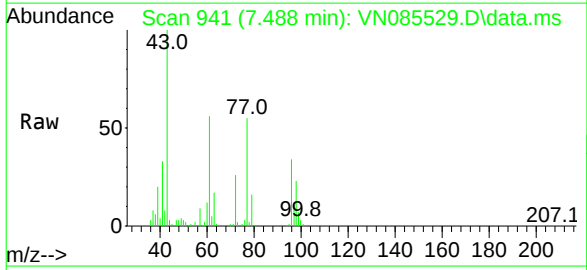
Tgt Ion: 77 Resp: 78263
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 19.875 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

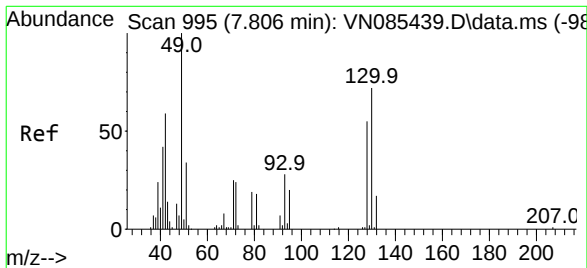
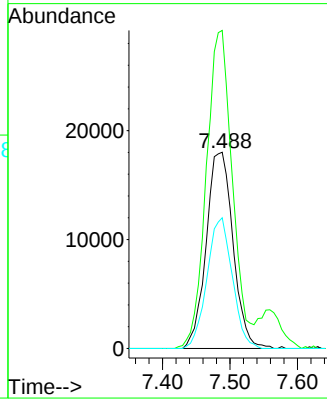
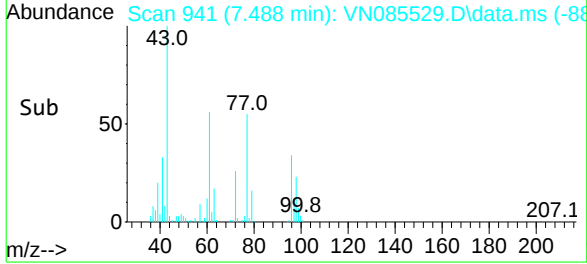
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 96 Resp: 49822
Ion Ratio Lower Upper
96 100
61 157.4 0.0 311.8
98 62.7 0.0 126.0

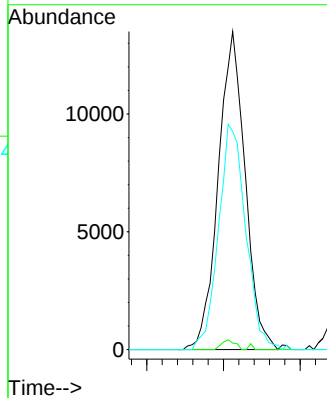
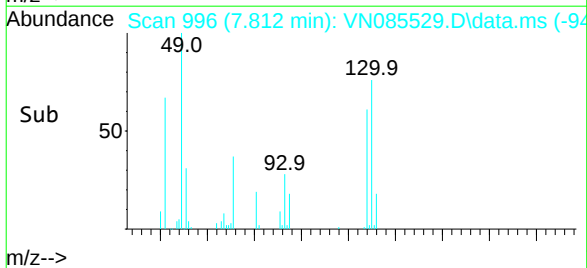
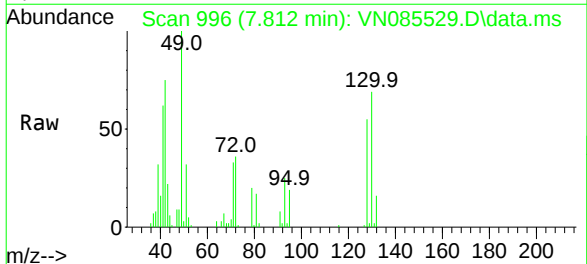
Manual Integrations
APPROVED

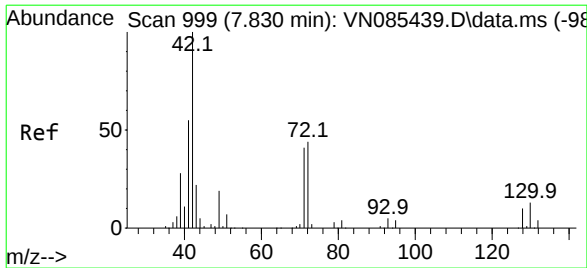
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#28
Bromochloromethane
Concen: 16.145 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion: 49 Resp: 32851
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.4
130 72.0 55.0 82.4





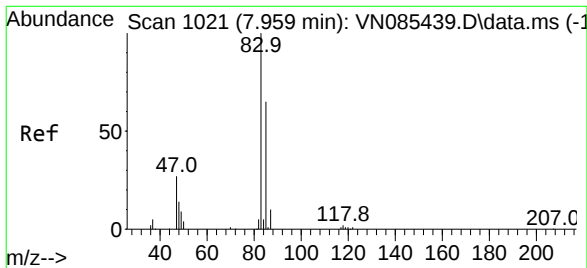
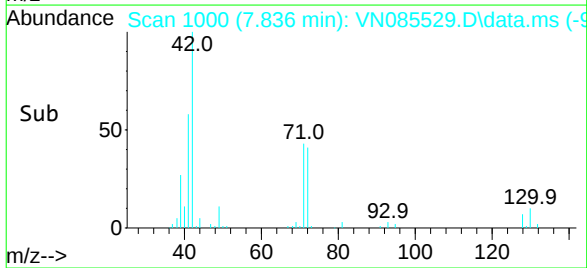
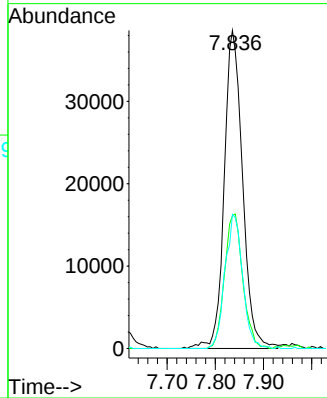
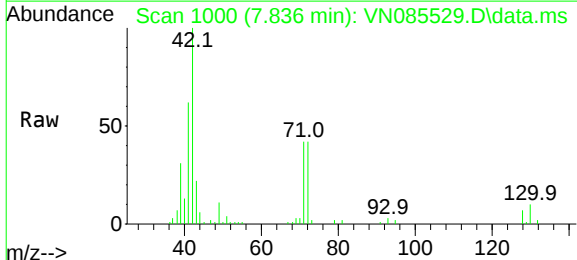
#29
Tetrahydrofuran
Concen: 112.971 ug/l
RT: 7.836 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 42 Resp: 102010
Ion Ratio Lower Upper
42 100
72 41.9 34.2 51.2
71 40.5 32.5 48.7

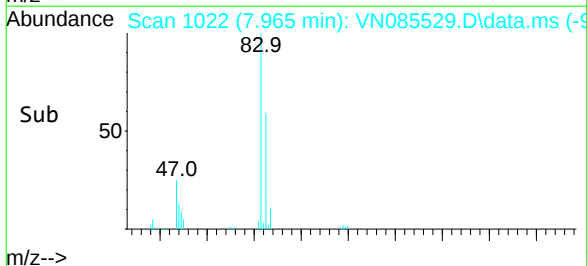
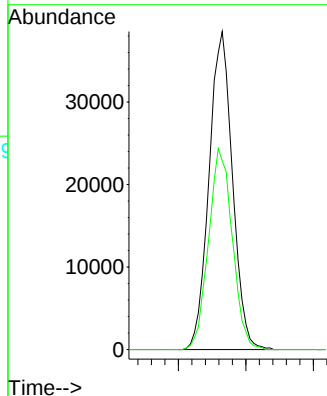
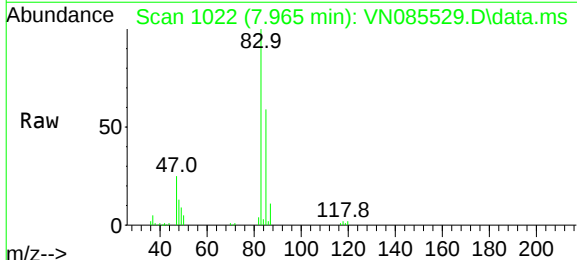
Manual Integrations
APPROVED

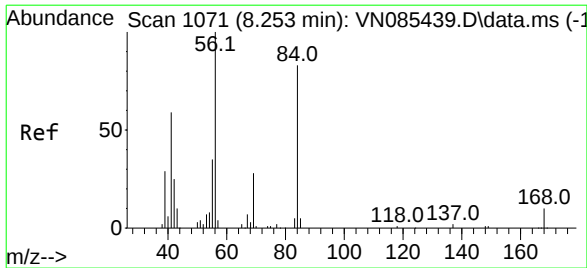
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#30
Chloroform
Concen: 20.553 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion: 83 Resp: 92905
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.6





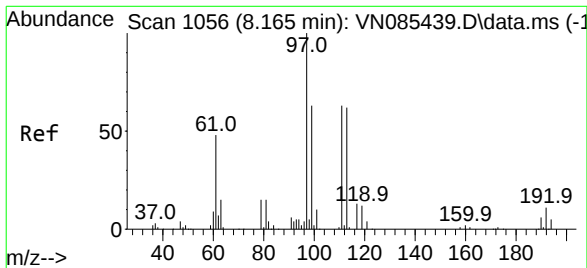
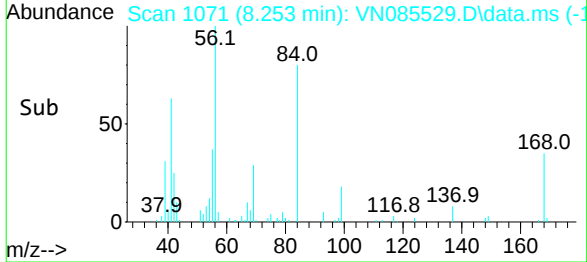
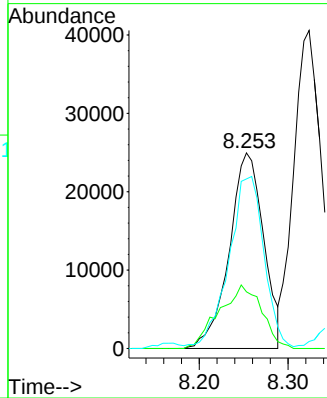
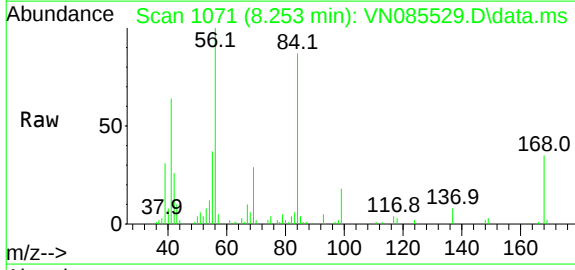
#31
Cyclohexane
Concen: 17.643 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:	56	Resp:	67069
Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.2	33.4
84	84.8	66.4	99.6

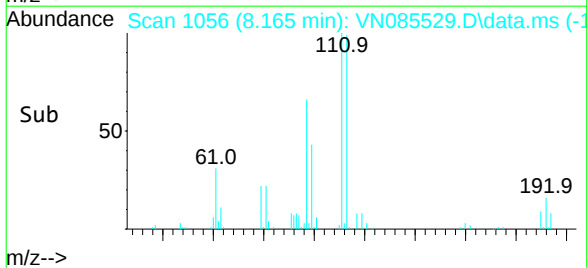
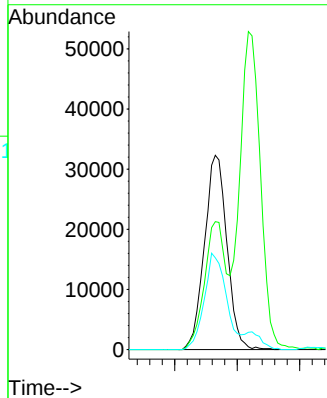
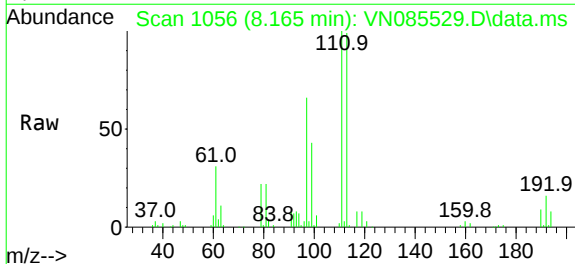
Manual Integrations
APPROVED

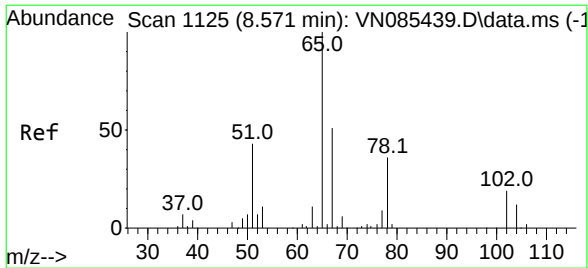
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#32
1,1,1-Trichloroethane
Concen: 20.408 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

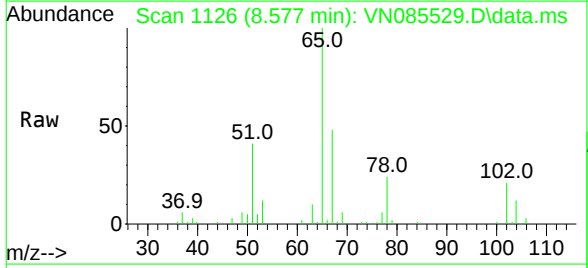
Tgt Ion:	97	Resp:	80919
Ion	Ratio	Lower	Upper
97	100		
99	63.9	49.8	74.6
61	48.7	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 51.135 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

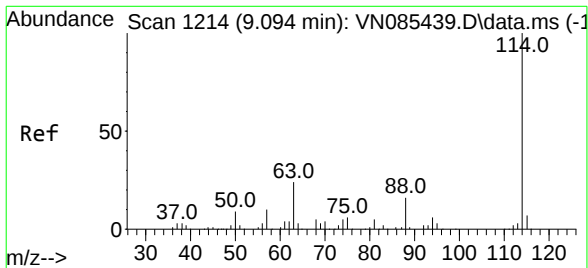
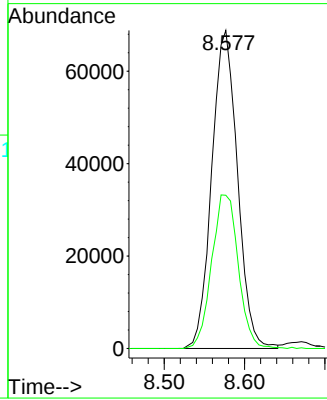
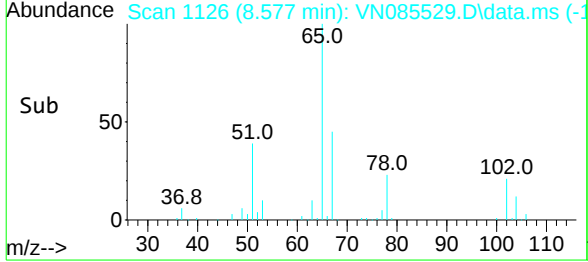
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



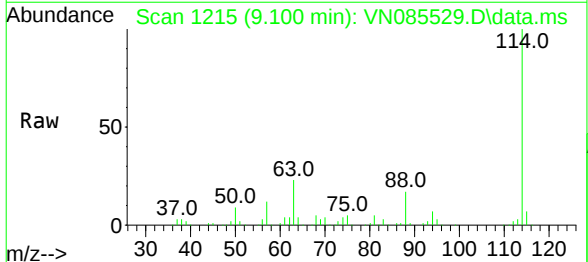
Tgt Ion: 65 Resp: 153168
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6

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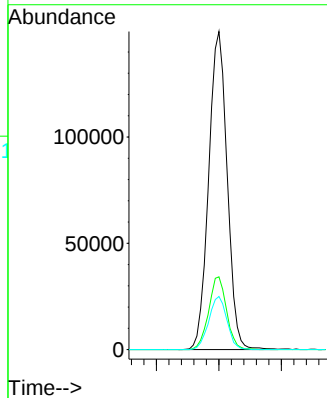
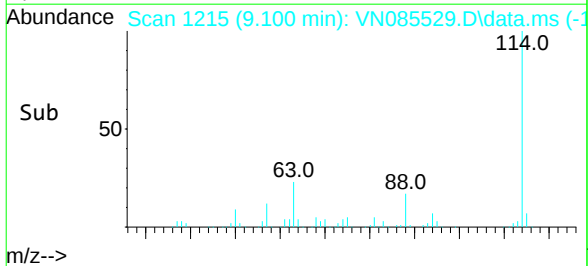
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

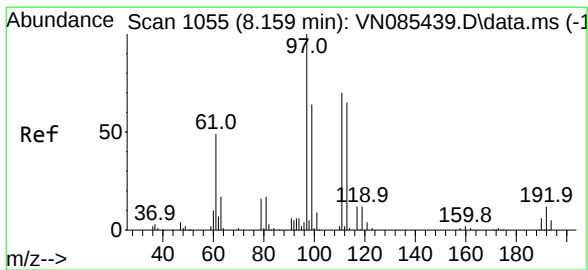


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



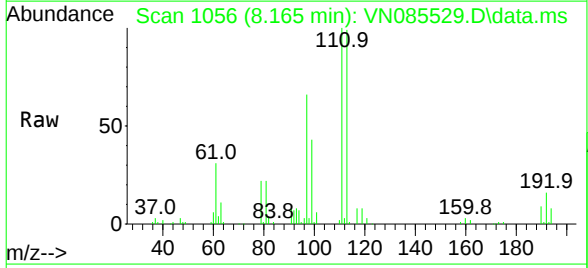
Tgt Ion:114 Resp: 307569
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.6
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.225 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

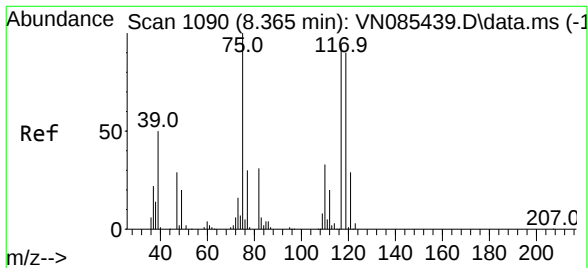
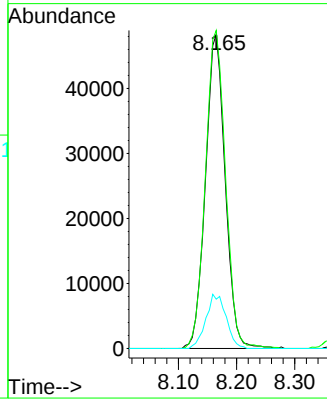
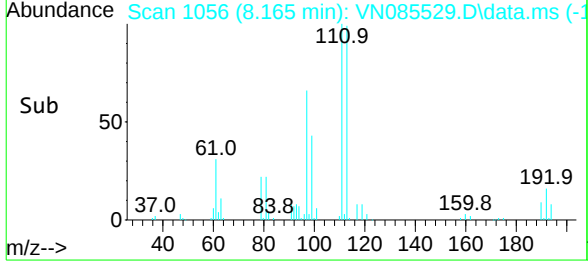
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



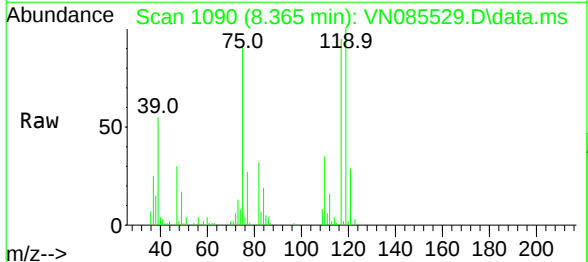
Tgt Ion: 113 Resp: 113571
Ion Ratio Lower Upper
113 100
111 103.6 82.7 124.1
192 17.7 14.3 21.5

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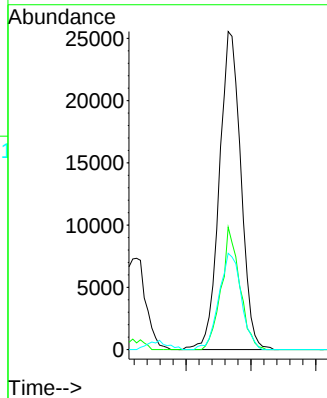
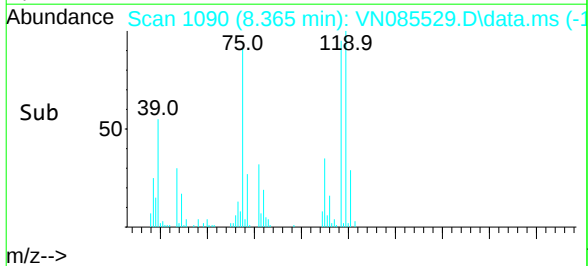
Reviewed By : John Carlone 01/29/2025
Supervised By : Semsettin Yesilyurt 01/29/2025



#36
1,1-Dichloropropene
Concen: 19.673 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



Tgt Ion: 75 Resp: 58916
Ion Ratio Lower Upper
75 100
110 33.1 16.5 49.5
77 31.4 24.4 36.6





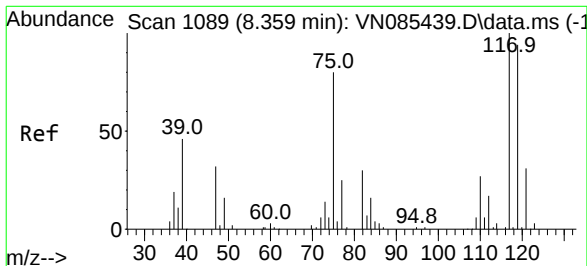
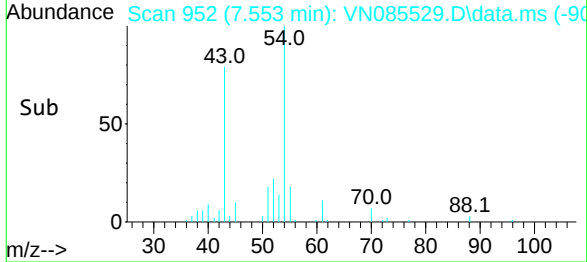
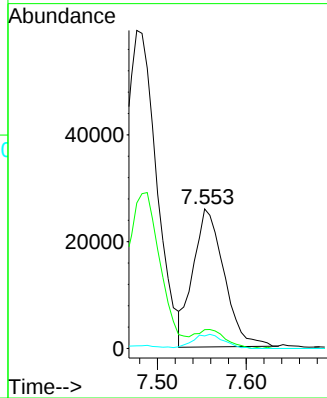
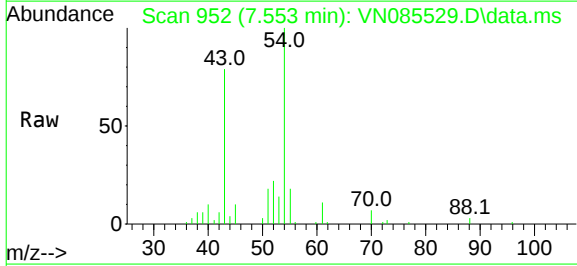
#37
Ethyl Acetate
Concen: 20.722 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:	43	Resp:	62638
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.3	7.5	11.3

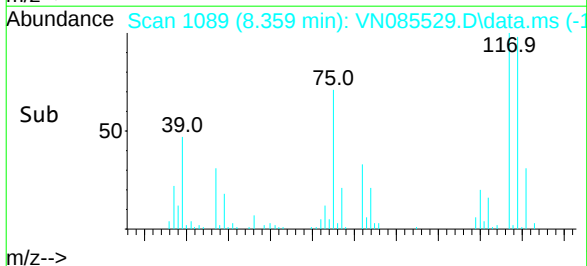
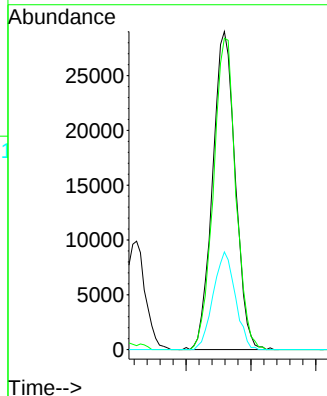
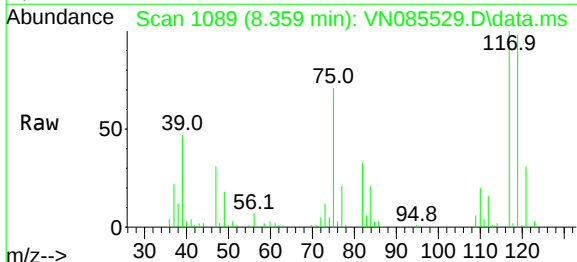
Manual Integrations
APPROVED

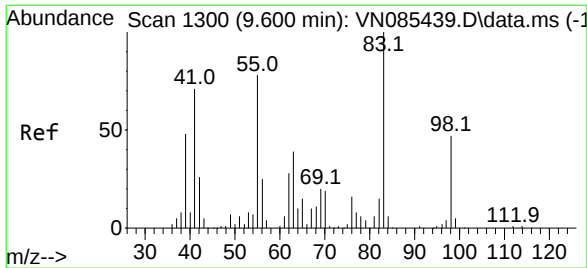
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#38
Carbon Tetrachloride
Concen: 20.543 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:	117	Resp:	70429
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.2
121	30.7	24.6	37.0





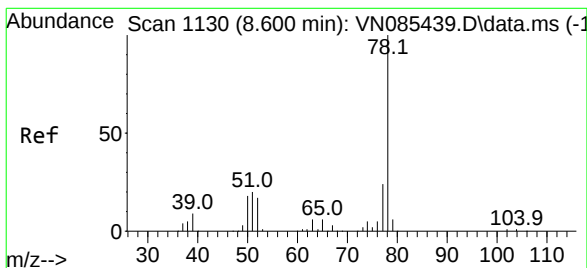
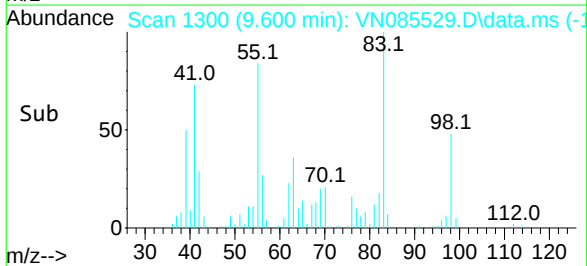
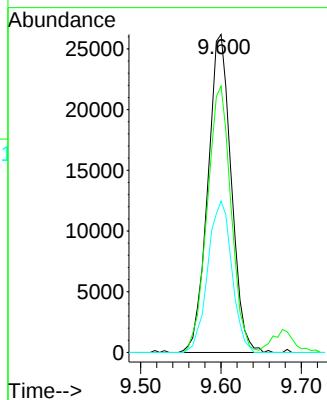
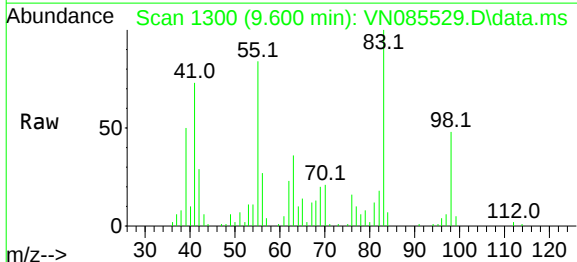
#39
Methylcyclohexane
Concen: 18.865 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.8	62.6	94.0
98	47.6	37.7	56.5

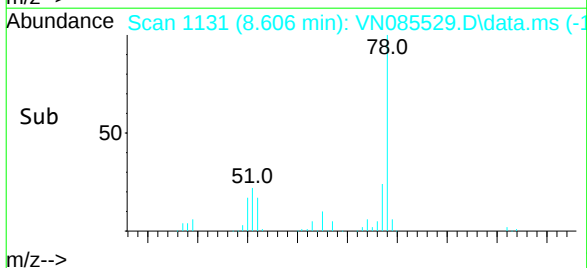
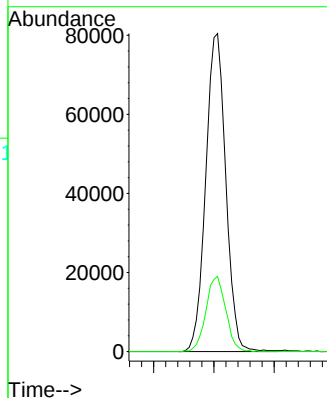
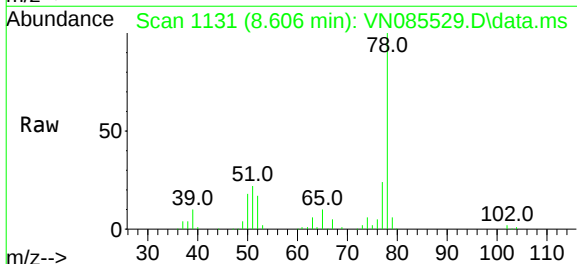
Manual Integrations
APPROVED

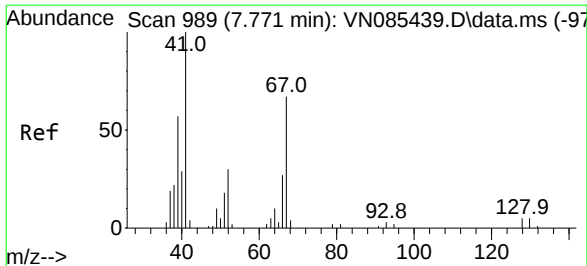
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#40
Benzene
Concen: 20.683 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





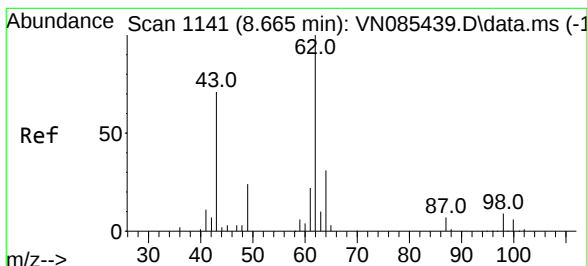
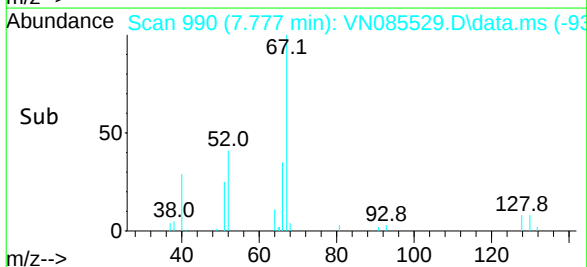
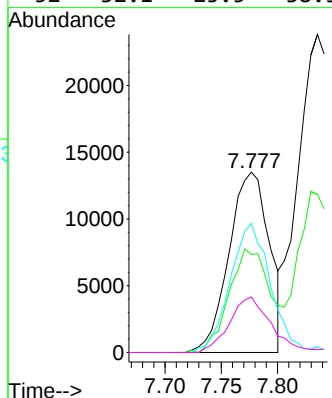
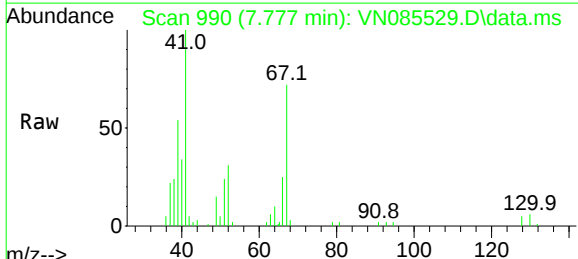
#41
Methacrylonitrile
Concen: 21.410 ug/l
RT: 7.777 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:	41	Resp:	33670
Ion	Ratio	Lower	Upper
41	100		
39	60.5	46.0	69.0
67	71.9	57.4	86.2
52	32.1	25.5	38.3

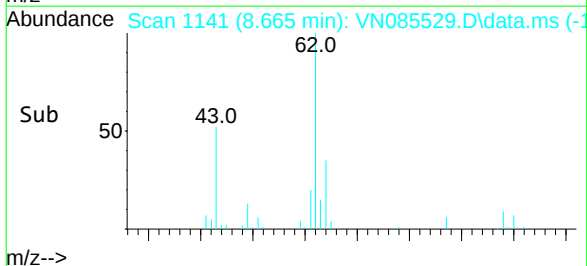
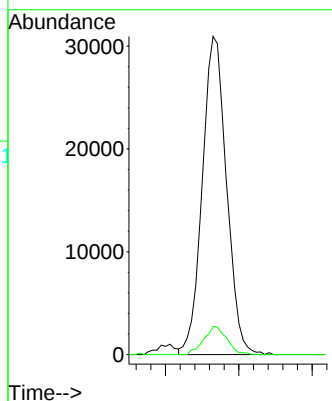
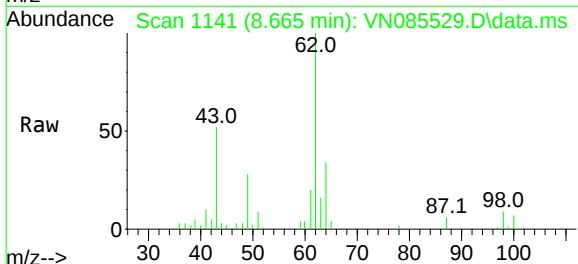
Manual Integrations
APPROVED

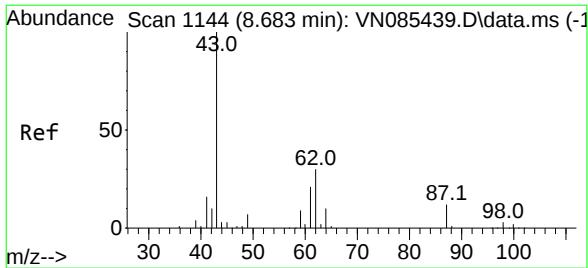
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#42
1,2-Dichloroethane
Concen: 20.970 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:	62	Resp:	71068
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





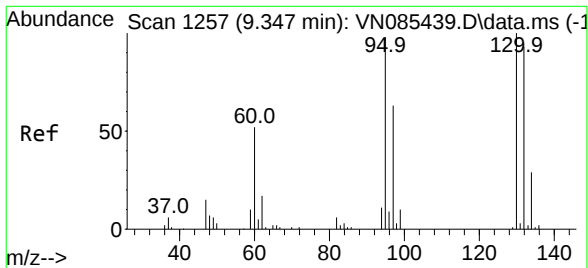
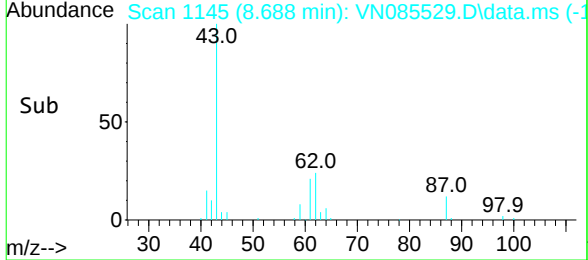
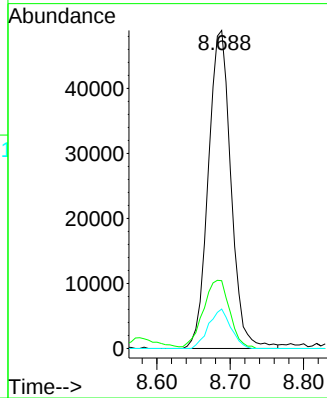
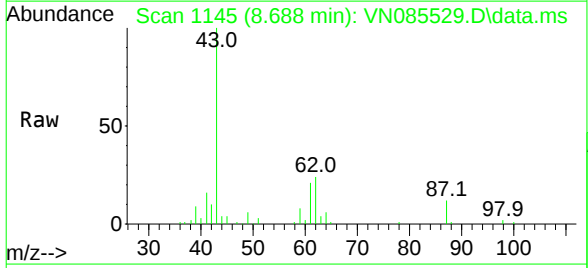
#43
Isopropyl Acetate
Concen: 21.686 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 43 Resp: 105036
Ion Ratio Lower Upper
43 100
61 25.2 20.7 31.1
87 12.1 9.8 14.8

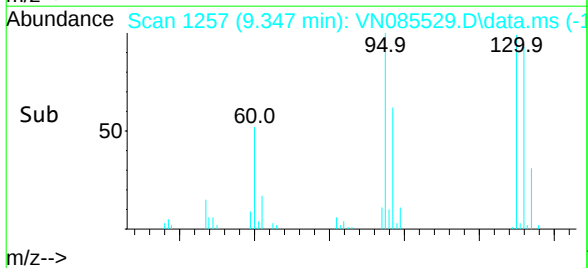
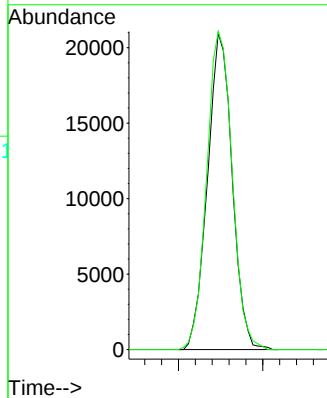
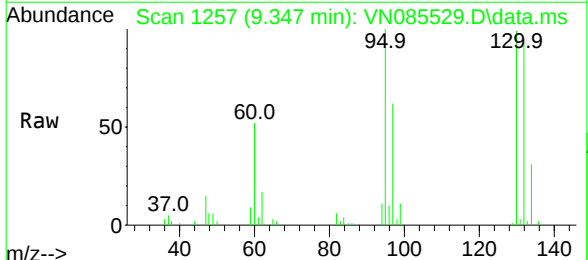
Manual Integrations
APPROVED

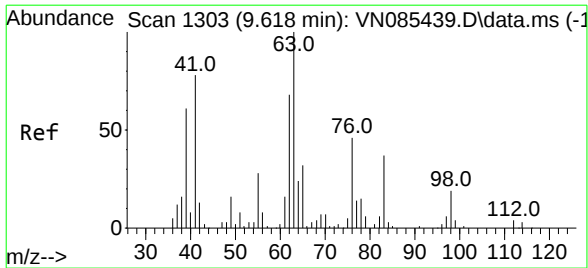
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#44
Trichloroethene
Concen: 20.374 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:130 Resp: 42674
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.8





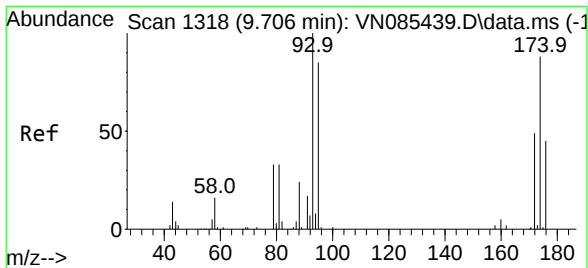
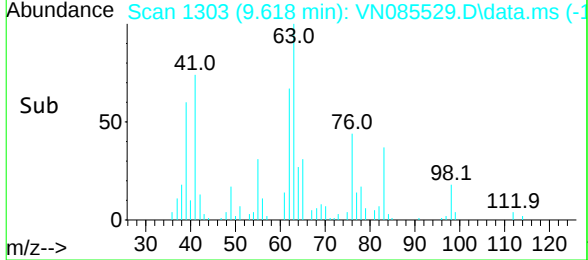
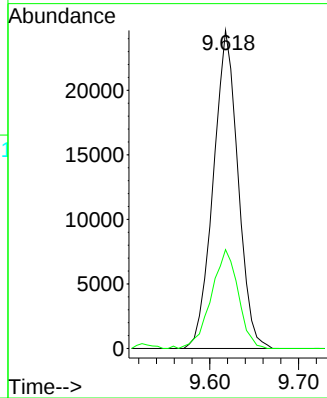
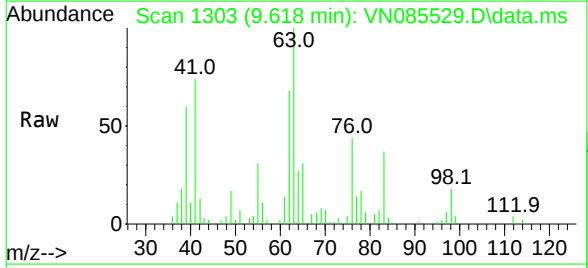
#45
1,2-Dichloropropane
Concen: 20.743 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 63 Resp: 47674
Ion Ratio Lower Upper
63 100
65 31.1 25.6 38.4

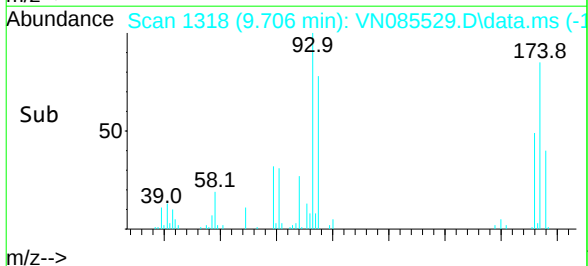
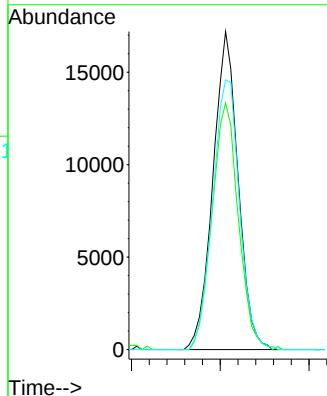
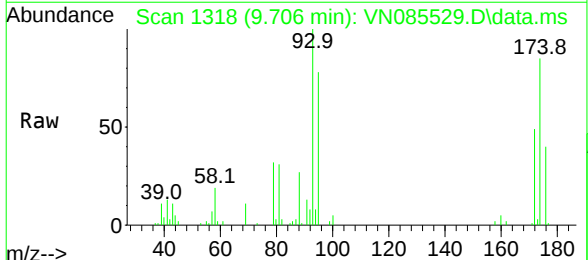
Manual Integrations
APPROVED

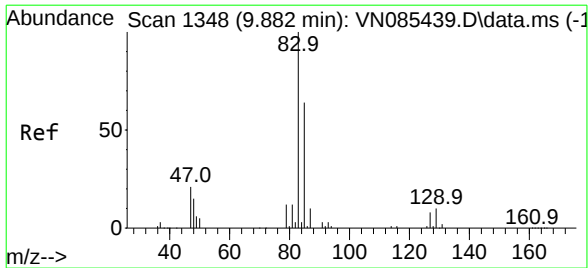
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#46
Dibromomethane
Concen: 20.395 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion: 93 Resp: 33823
Ion Ratio Lower Upper
93 100
95 81.5 64.7 97.1
174 90.4 69.0 103.4





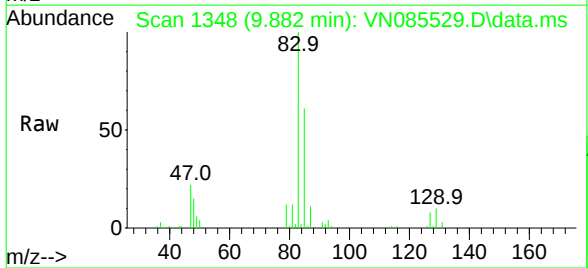
#47
 Bromodichloromethane
 Concen: 21.697 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

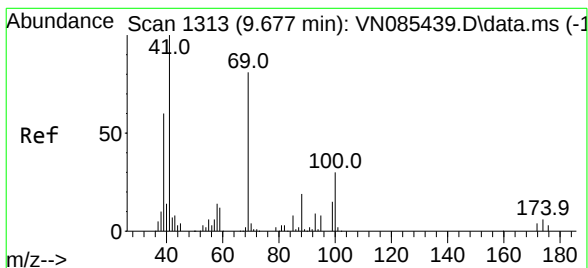
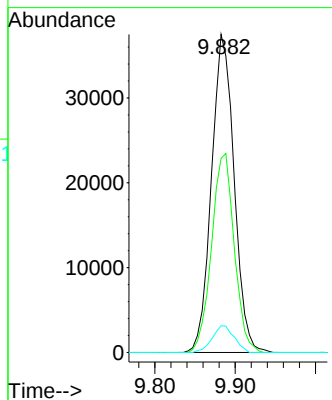
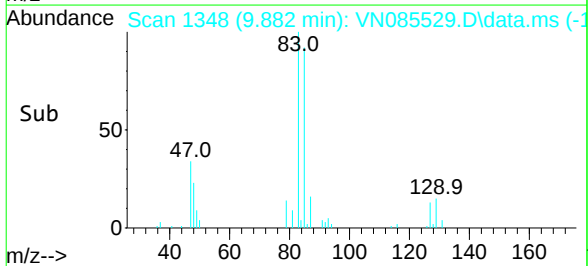
VN0128WBS01



Tgt Ion:	83	Resp:	73309
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.2	76.8
127	8.4	6.5	9.7

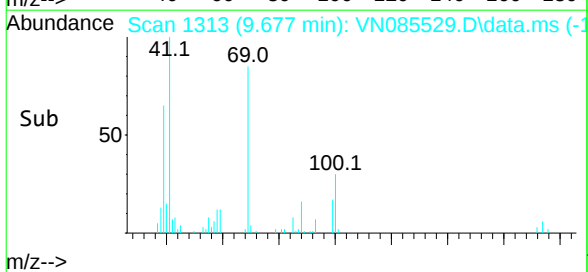
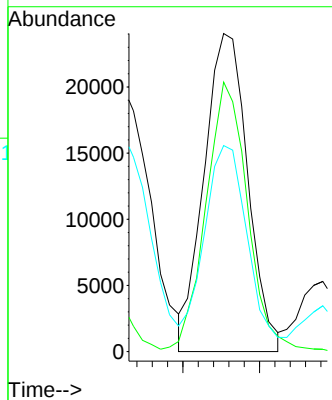
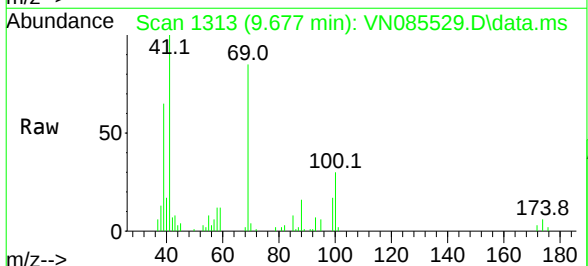
Manual Integrations
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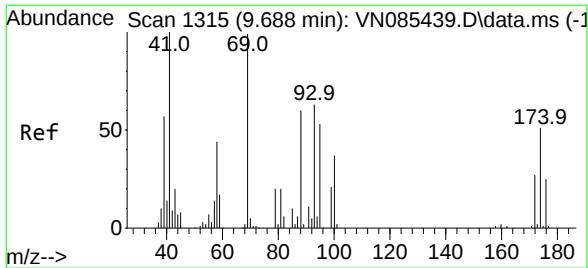
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#48
 Methyl methacrylate
 Concen: 21.823 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

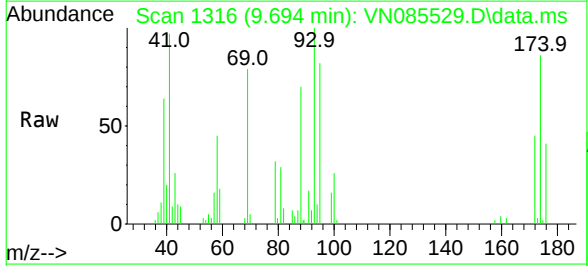
Tgt Ion:	41	Resp:	47567
Ion	Ratio	Lower	Upper
41	100		
69	81.0	64.7	97.1
39	65.5	49.0	73.6





#49
1,4-Dioxane
Concen: 420.430 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

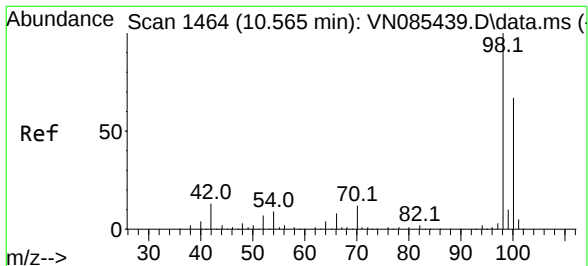
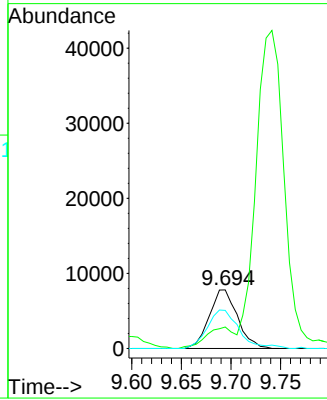
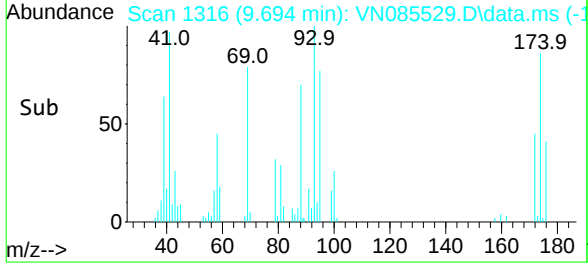
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 88 Resp: 15432
Ion Ratio Lower Upper
88 100
43 37.0 26.6 39.8
58 74.0 59.5 89.3

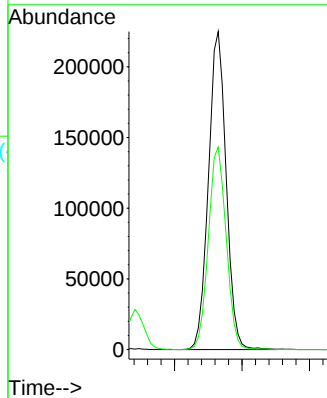
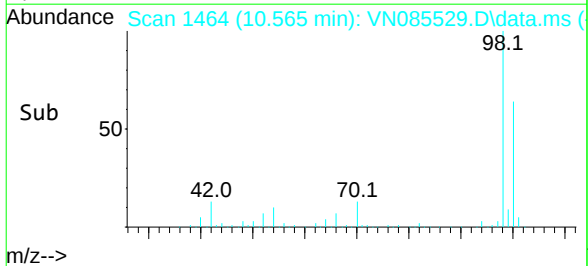
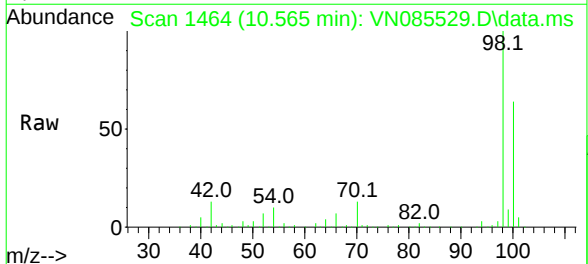
Manual Integrations
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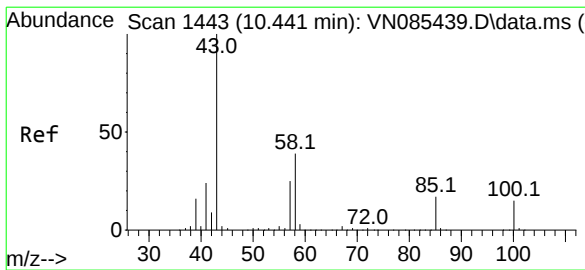
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#50
Toluene-d8
Concen: 54.088 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion: 98 Resp: 410056
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





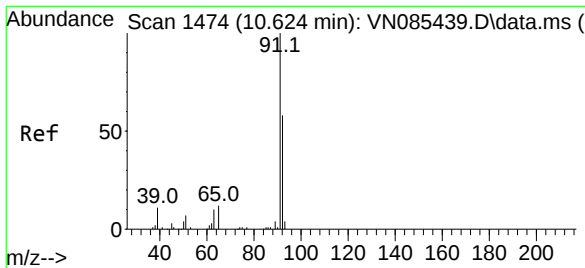
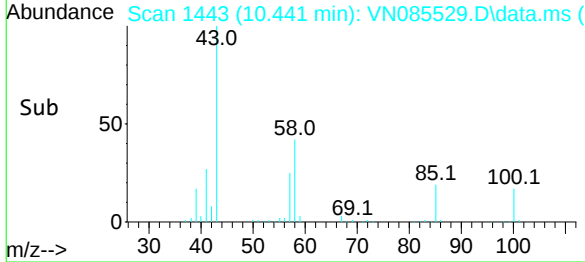
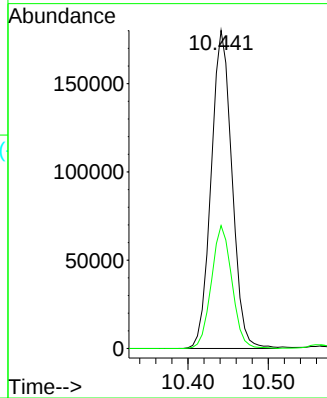
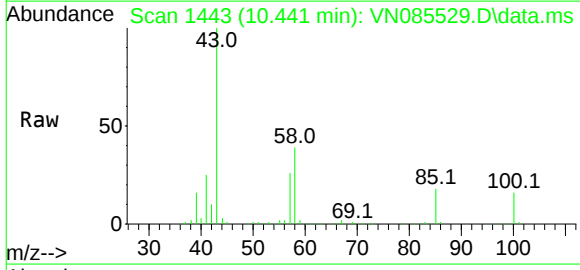
#51
4-Methyl-2-Pentanone
Concen: 115.555 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 43 Resp: 324778
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

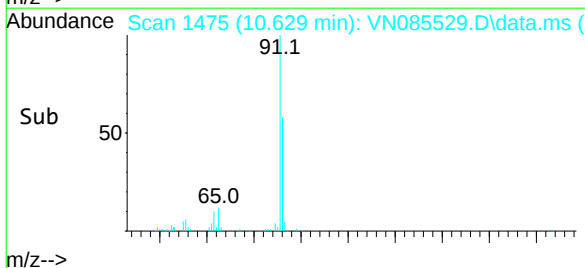
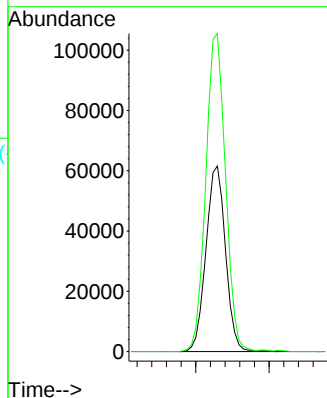
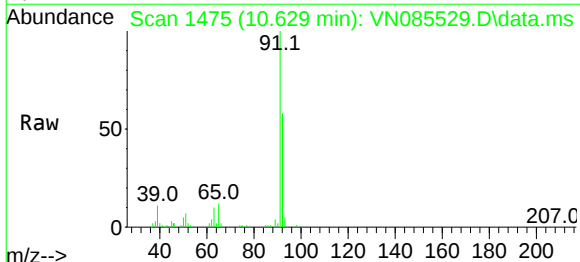
Manual Integrations
APPROVED

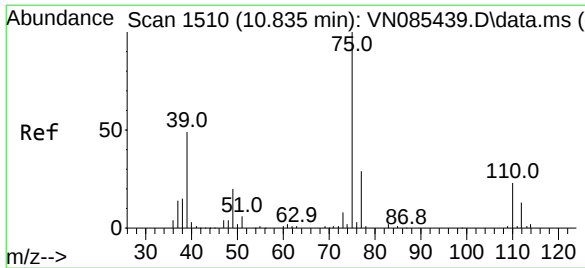
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#52
Toluene
Concen: 21.864 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

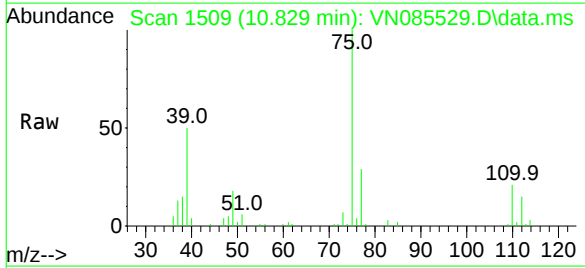
Tgt Ion: 92 Resp: 113994
Ion Ratio Lower Upper
92 100
91 172.4 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 21.398 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

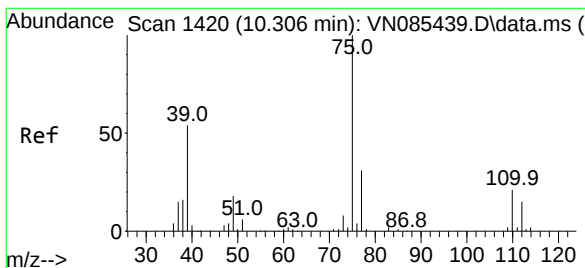
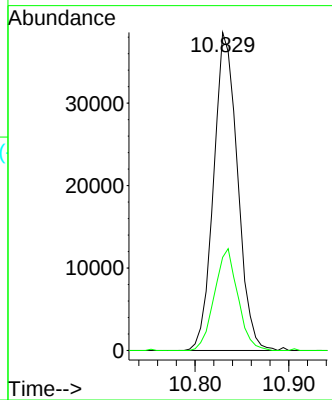
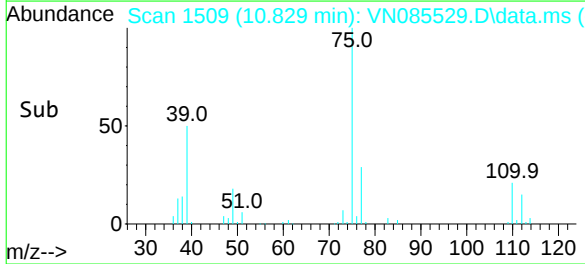
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01



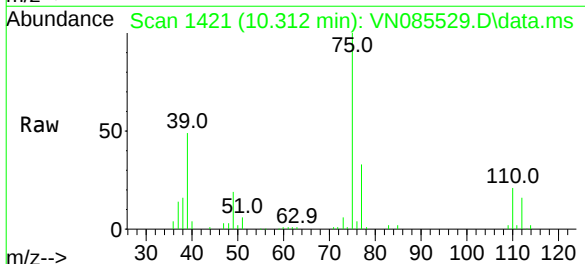
Tgt Ion: 75 Resp: 68322
 Ion Ratio Lower Upper
 75 100
 77 29.3 23.5 35.3

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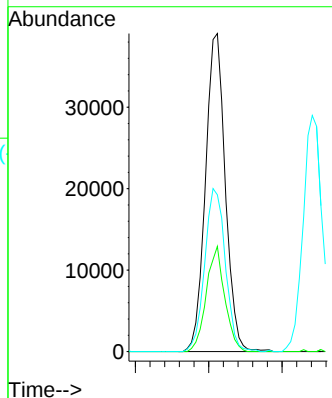
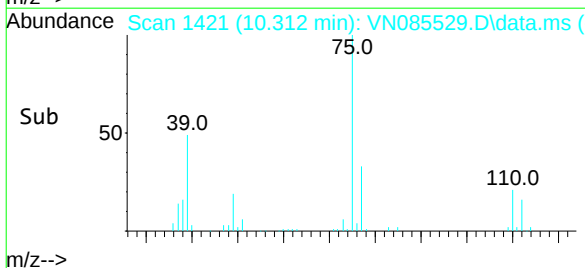
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

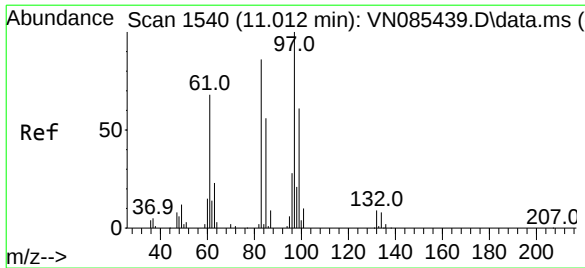


#54
 cis-1,3-Dichloropropene
 Concen: 21.530 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15



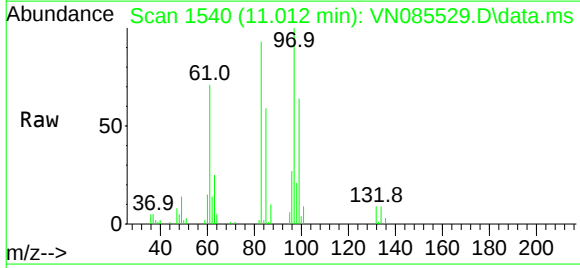
Tgt Ion: 75 Resp: 73429
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4
 39 49.3 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 21.912 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

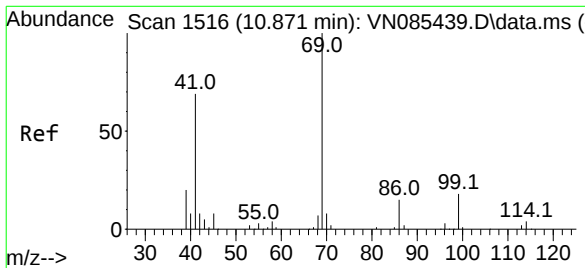
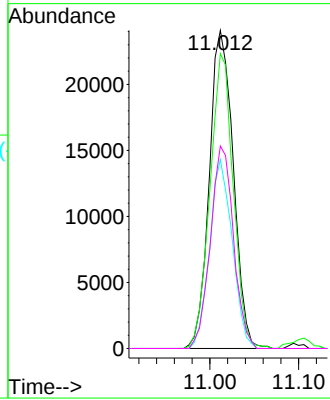
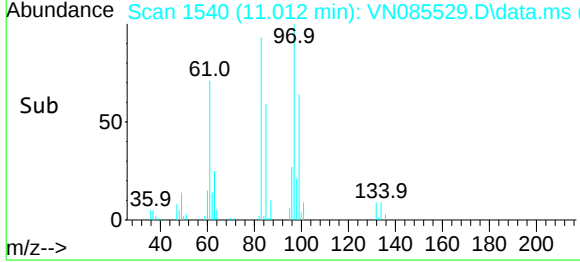
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



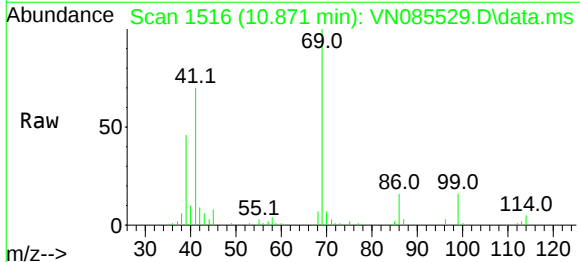
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	69.0	103.6
85	59.4	44.6	66.8
99	63.7	48.6	72.8

Manual Integrations
APPROVED

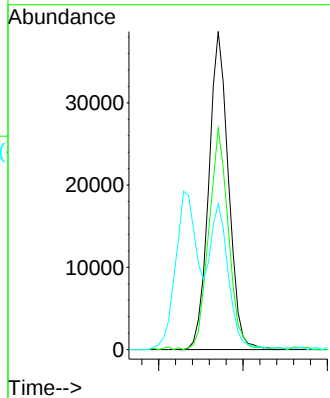
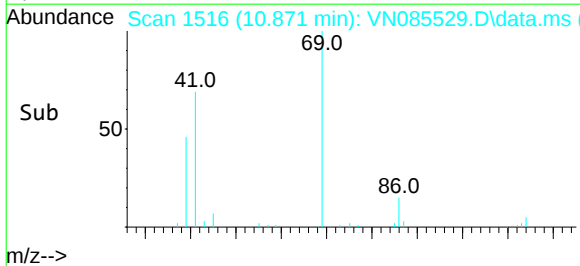
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

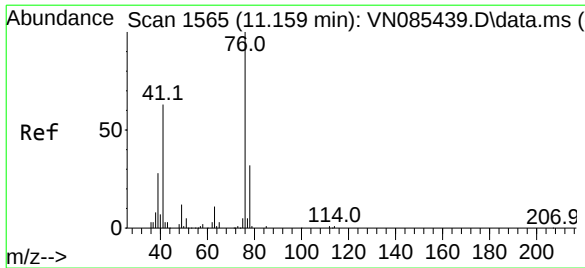


#56
Ethyl methacrylate
Concen: 19.281 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



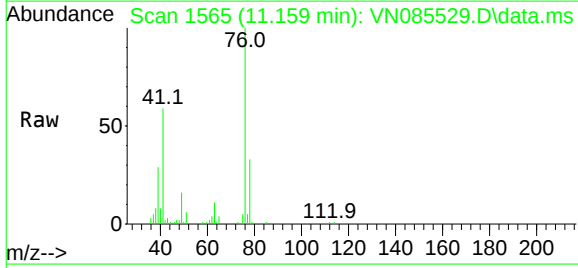
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	82.0
39	42.9	32.4	48.6





#57
1,3-Dichloropropane
Concen: 21.915 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

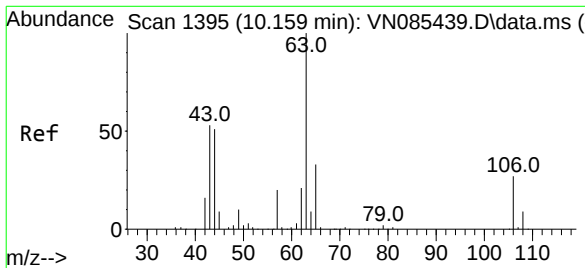
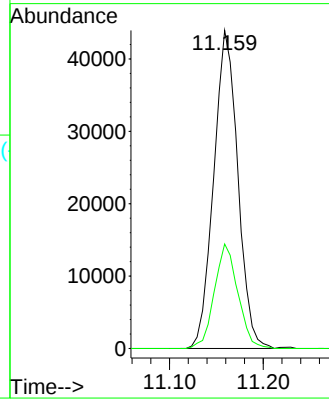
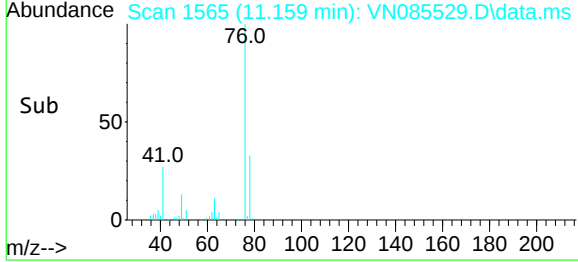
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion: 76 Resp: 78623
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

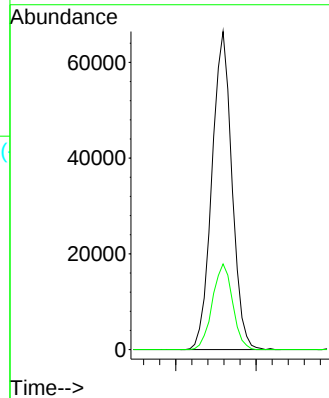
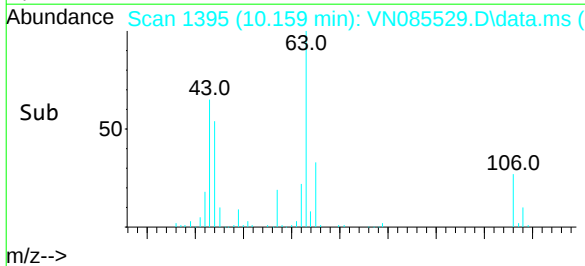
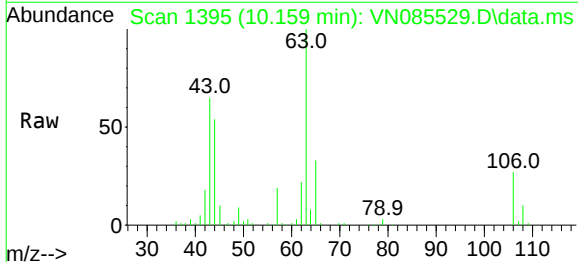
Manual Integrations
APPROVED

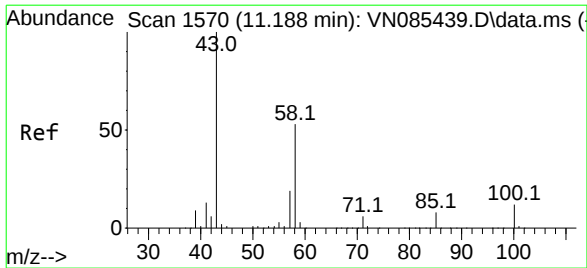
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 87.817 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion: 63 Resp: 114984
Ion Ratio Lower Upper
63 100
106 27.1 21.6 32.4





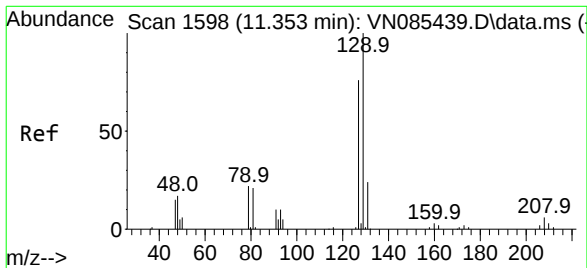
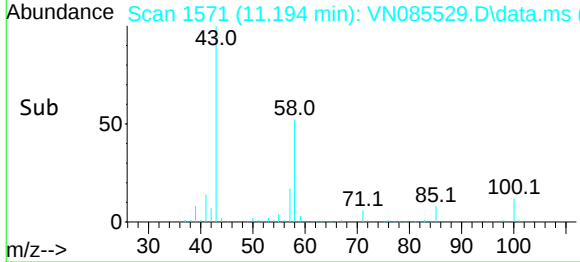
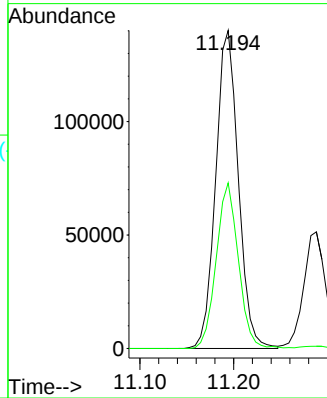
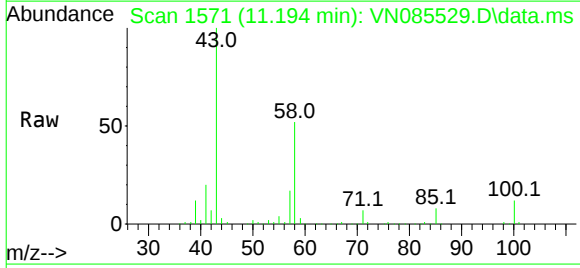
#59
2-Hexanone
Concen: 118.574 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 43 Resp: 234494
Ion Ratio Lower Upper
43 100
58 51.0 26.2 78.6

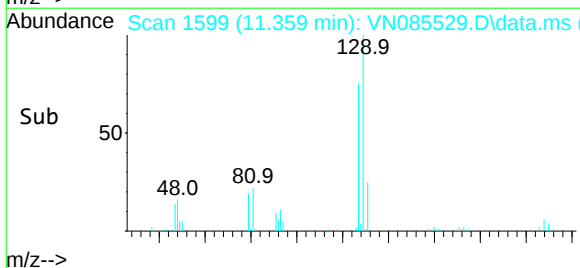
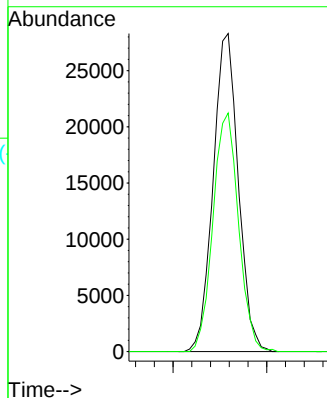
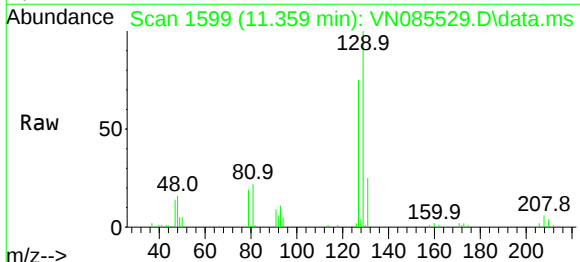
Manual Integrations
APPROVED

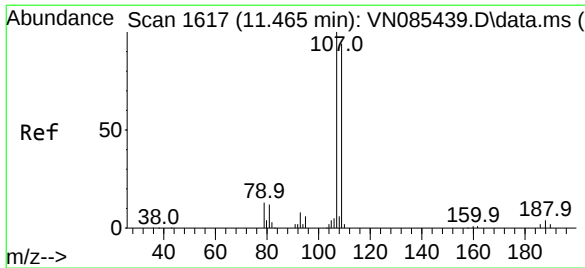
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#60
Dibromochloromethane
Concen: 21.210 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:129 Resp: 52835
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





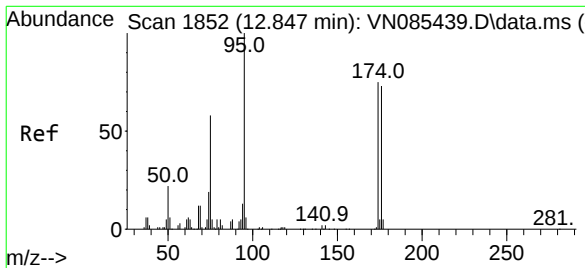
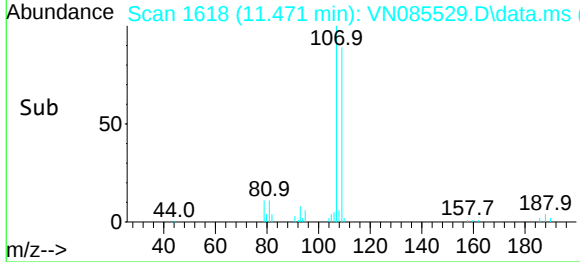
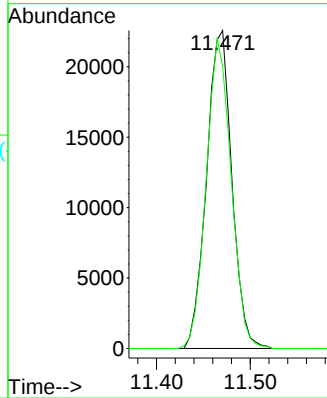
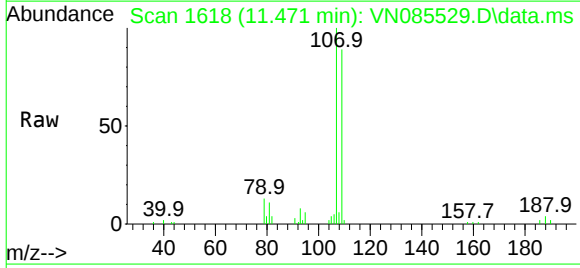
#61
1,2-Dibromoethane
Concen: 20.625 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 107 Resp: 42361
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9

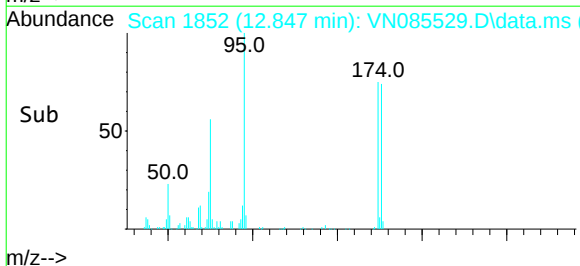
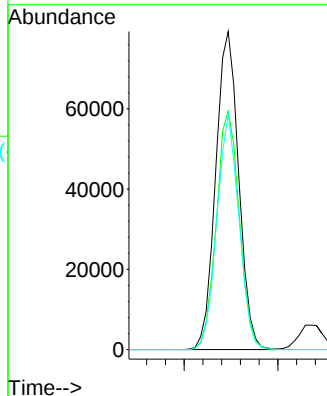
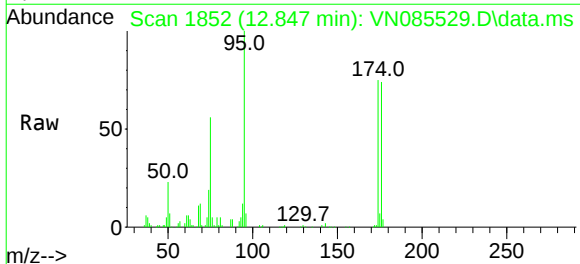
Manual Integrations
APPROVED

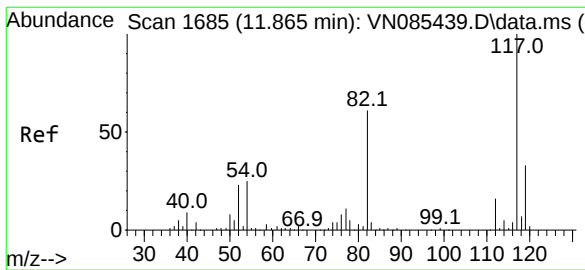
Reviewed By : John Carlone 01/29/2025
Supervised By : Semsettin Yesilyurt 01/29/2025



#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

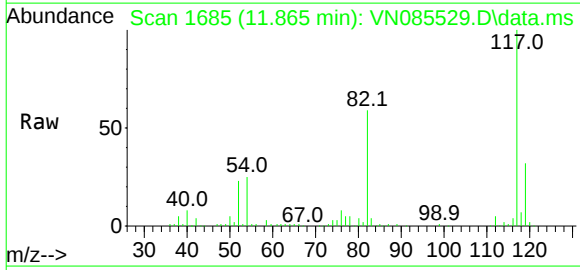
Tgt Ion: 95 Resp: 134929
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.0
176 70.9 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

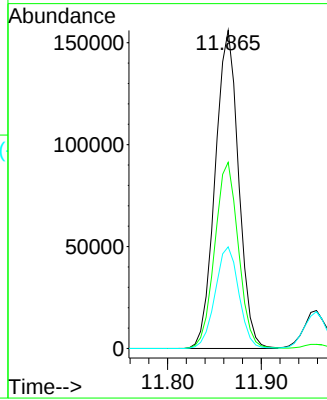
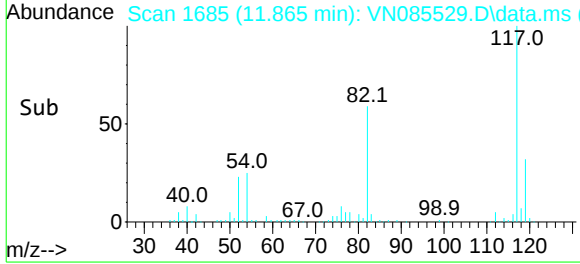
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



Tgt Ion:117 Resp: 271043
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 31.9 26.6 39.8

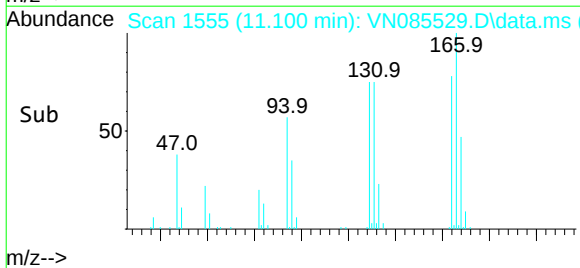
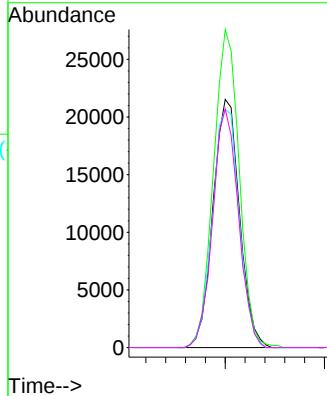
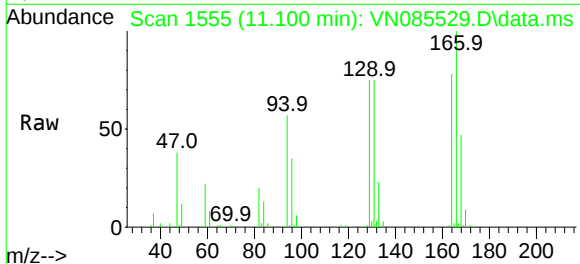
Manual Integrations
APPROVED

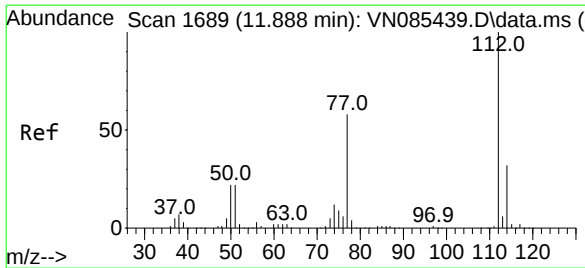
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#64
Tetrachloroethene
Concen: 21.658 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:164 Resp: 40019
Ion Ratio Lower Upper
164 100
166 128.2 103.4 155.2
129 95.9 79.2 118.8
131 96.1 77.1 115.7





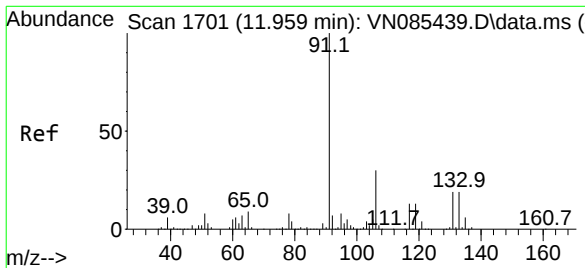
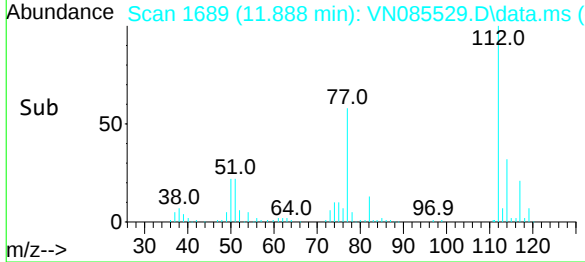
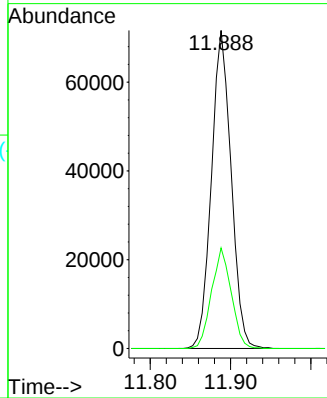
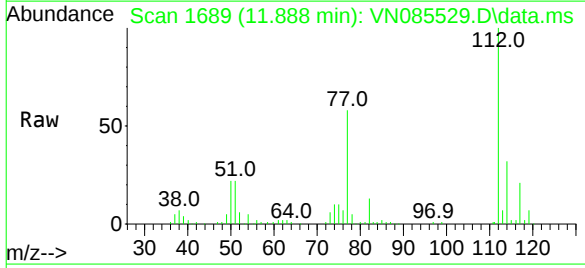
#65
Chlorobenzene
Concen: 20.586 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:112 Resp: 122235
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

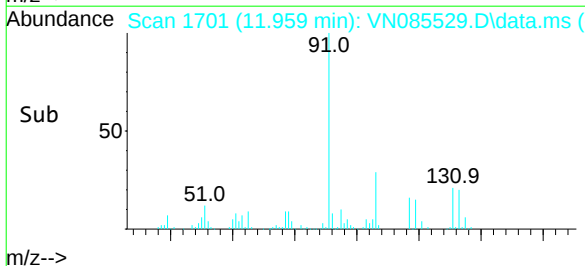
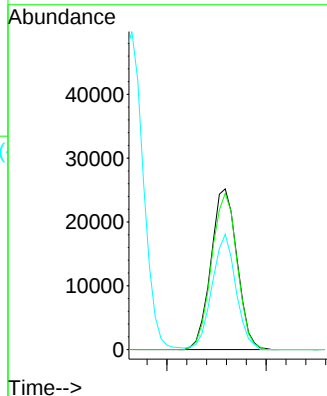
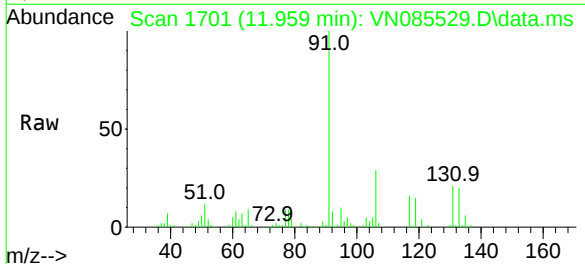
Manual Integrations
APPROVED

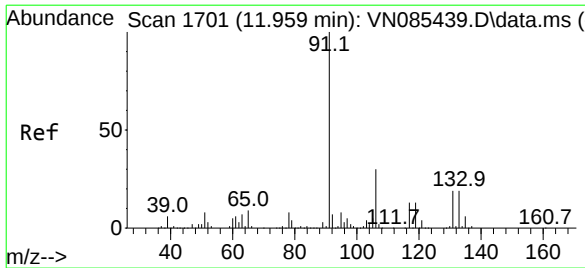
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

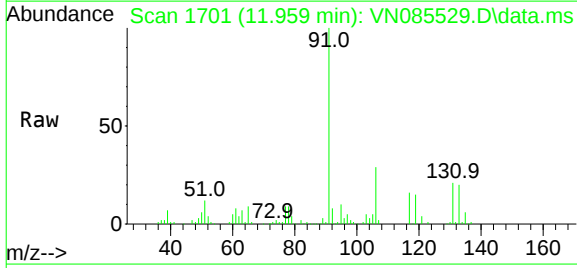
Tgt Ion:131 Resp: 46034
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 65.4 33.1 99.5





#67
Ethyl Benzene
Concen: 20.797 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

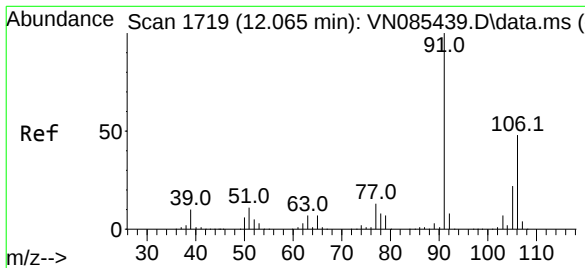
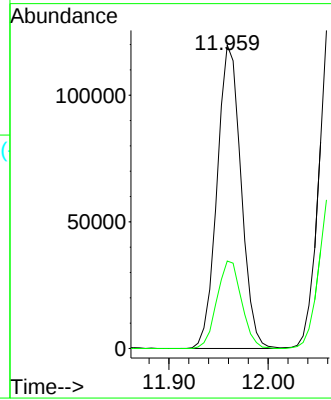
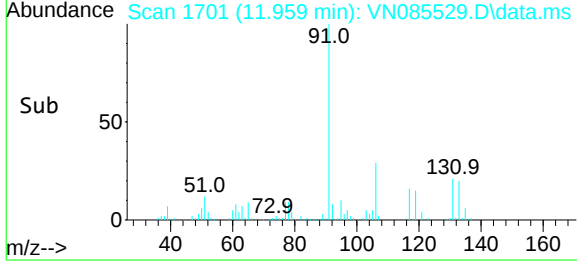
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



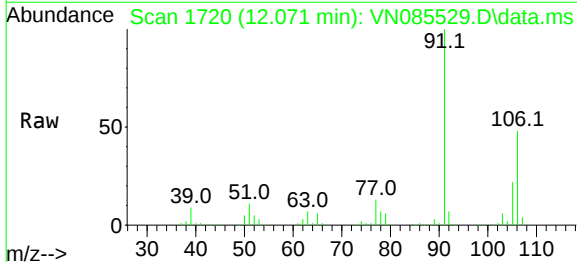
Tgt Ion: 91 Resp: 201123
Ion Ratio Lower Upper
91 100
106 28.8 23.8 35.8

Manual Integrations
APPROVED

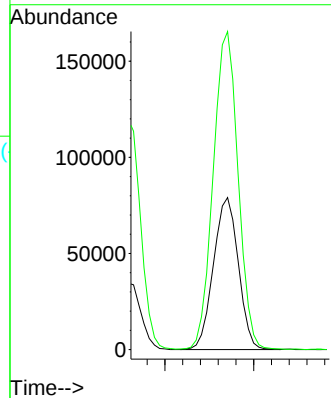
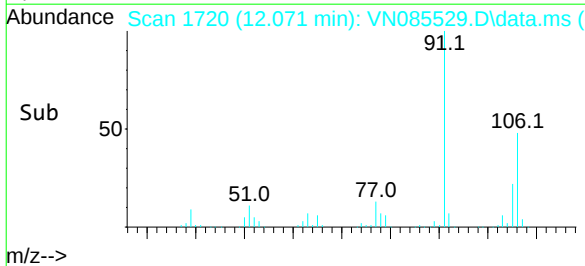
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#68
m/p-Xylenes
Concen: 43.106 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



Tgt Ion:106 Resp: 154069
Ion Ratio Lower Upper
106 100
91 208.4 167.7 251.5





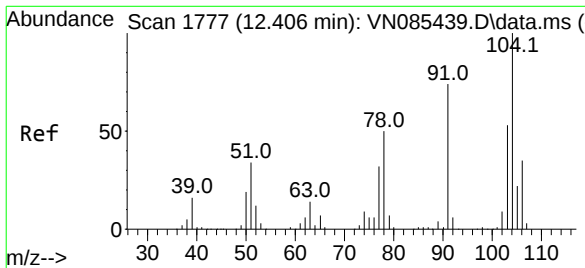
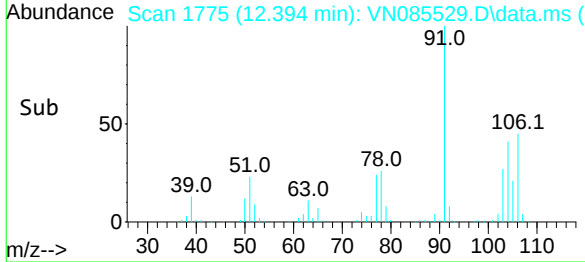
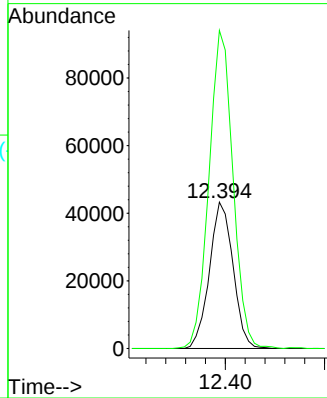
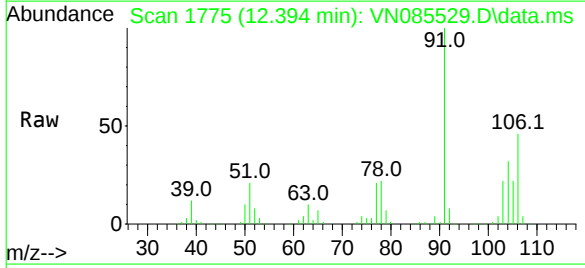
#69
o-Xylene
Concen: 20.943 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:106 Resp: 71535
Ion Ratio Lower Upper
106 100
91 220.7 110.4 331.2

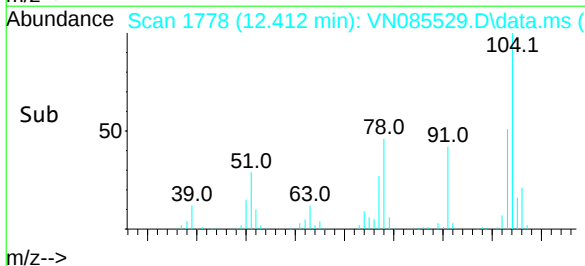
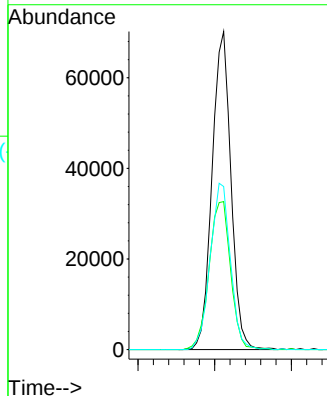
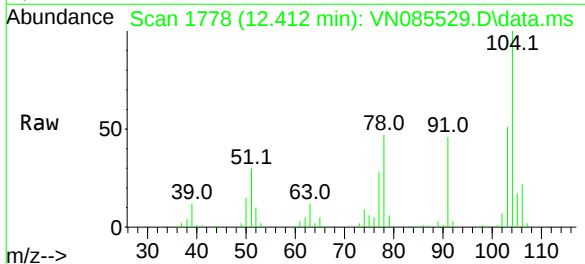
Manual Integrations
APPROVED

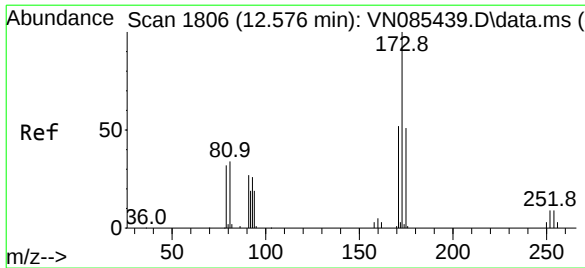
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#70
Styrene
Concen: 21.250 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:104 Resp: 120125
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.9 43.8 65.8





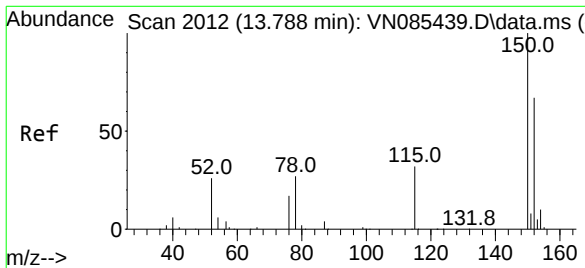
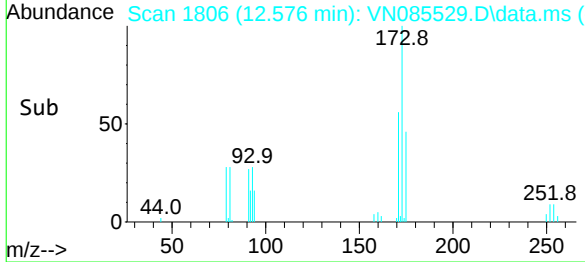
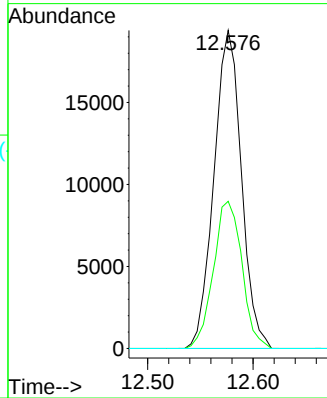
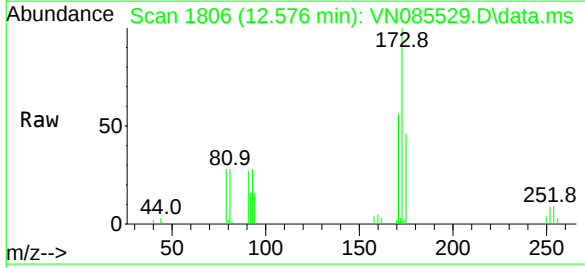
#71
Bromoform
Concen: 22.516 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.0	0.0	0.0

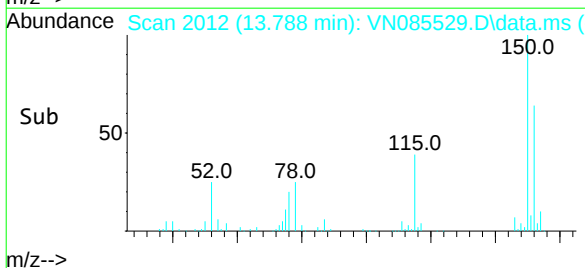
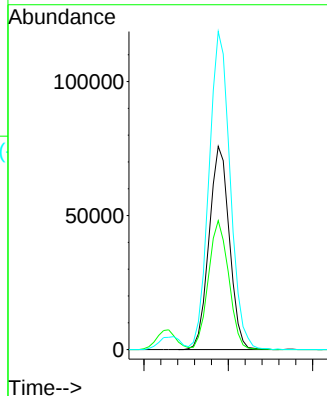
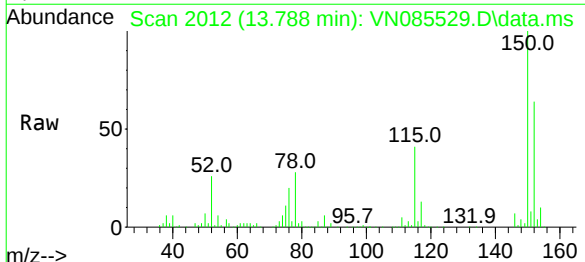
Manual Integrations
APPROVED

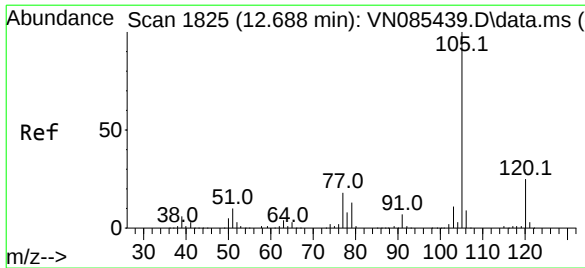
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.1	93.3
150	163.7	0.0	343.6





#73

Isopropylbenzene

Concen: 20.880 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

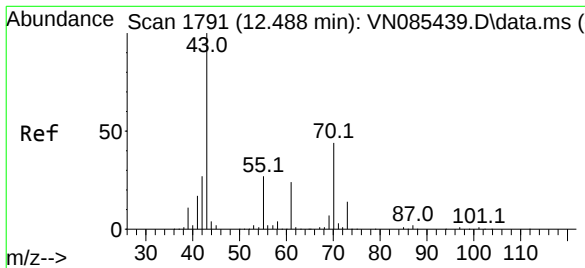
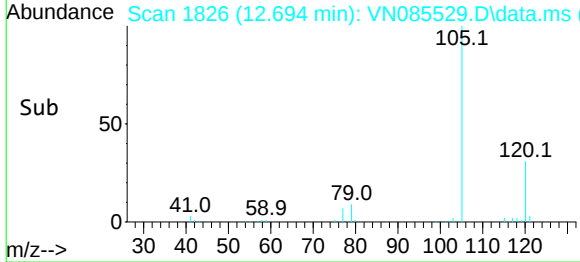
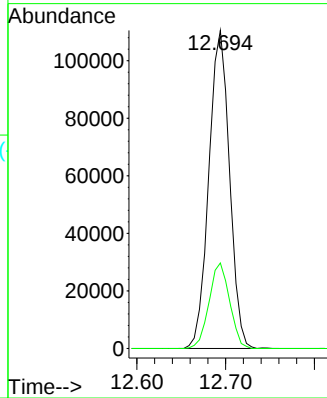
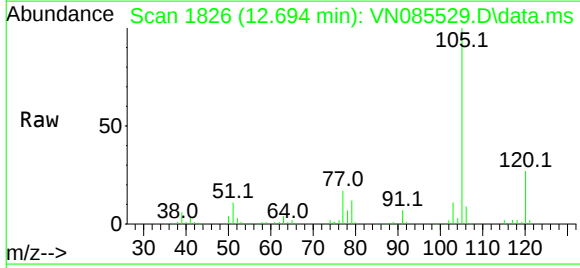
Tgt Ion: 105 Resp: 178577
 Ion Ratio Lower Upper
 105 100
 120 26.7 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#74

N-ethyl acetate

Concen: 20.975 ug/l

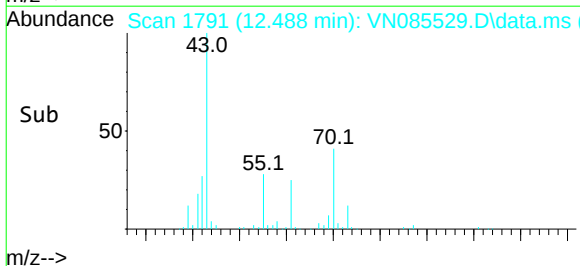
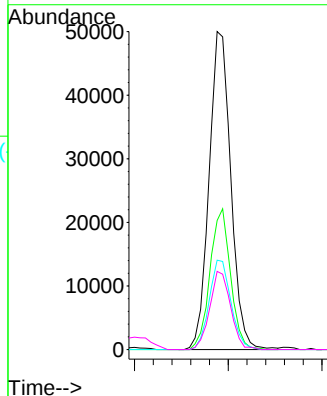
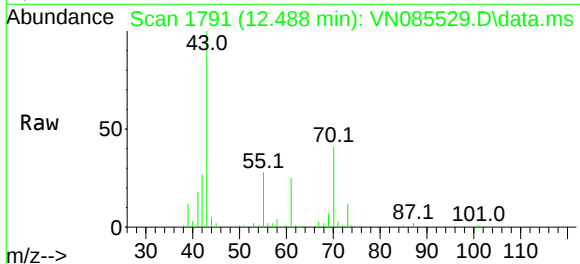
RT: 12.488 min Scan# 1791

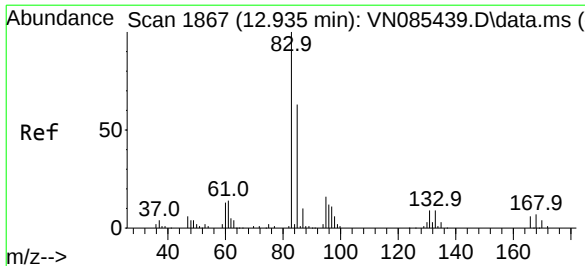
Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Tgt Ion: 43 Resp: 80633
 Ion Ratio Lower Upper
 43 100
 70 41.7 34.0 51.0
 55 28.0 21.4 32.2
 61 23.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.649 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

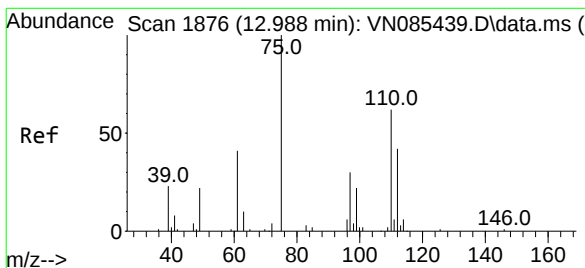
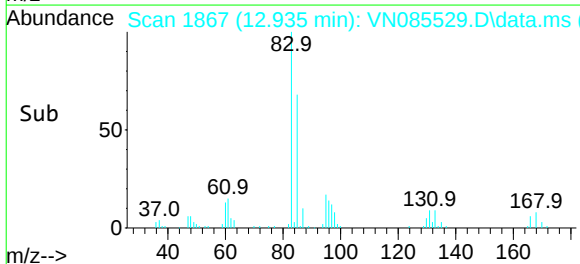
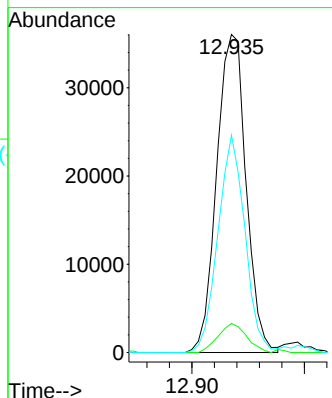
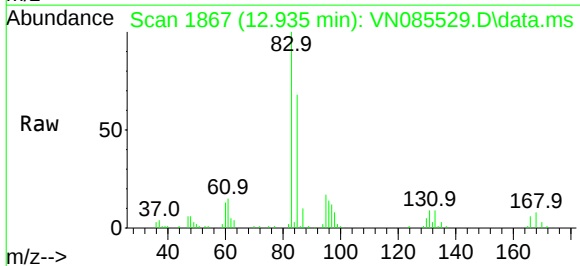
Tgt Ion: 83	Resp: 65405
Ion Ratio	Lower Upper
83 100	
131 8.8	4.8 14.4
85 62.7	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#76

1,2,3-Trichloropropane

Concen: 23.321 ug/l m

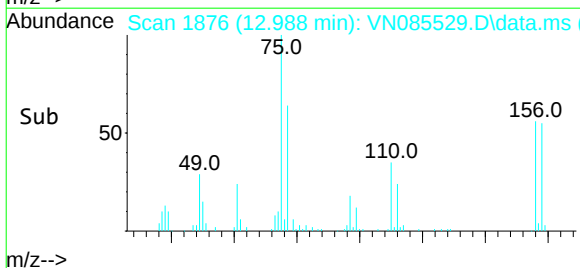
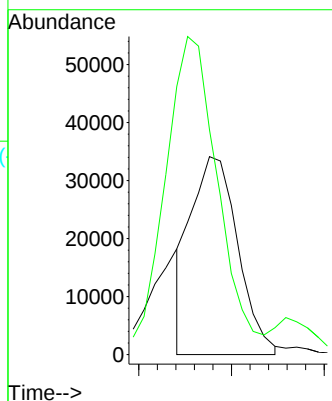
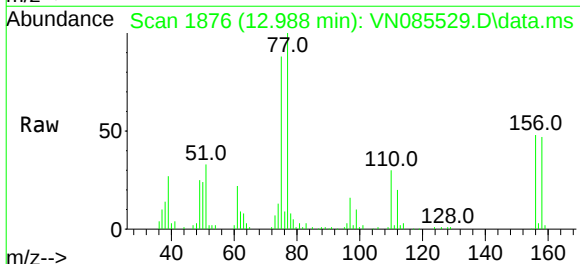
RT: 12.988 min Scan# 1876

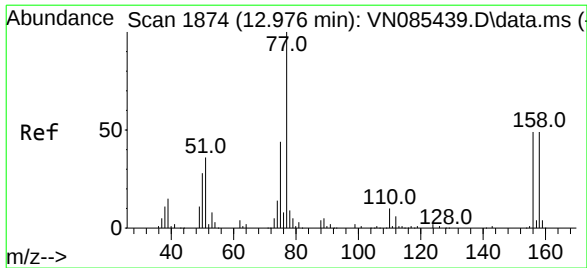
Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Tgt Ion: 75	Resp: 60066
Ion Ratio	Lower Upper
75 100	
77 181.2	109.7 329.2





#77

Bromobenzene

Concen: 21.332 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

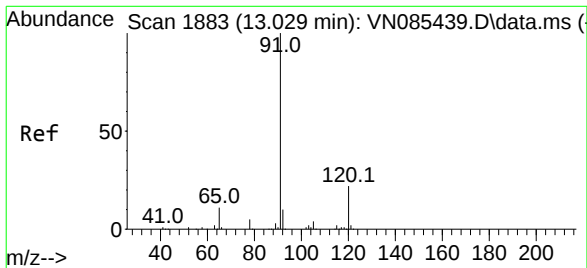
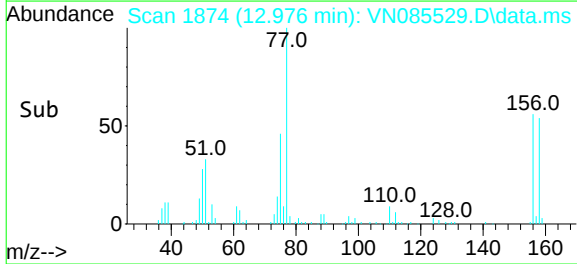
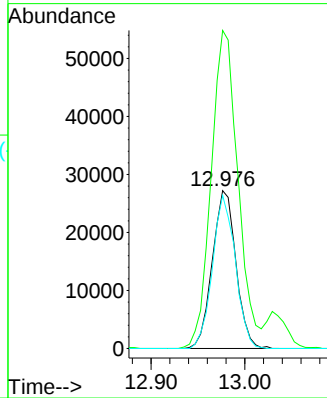
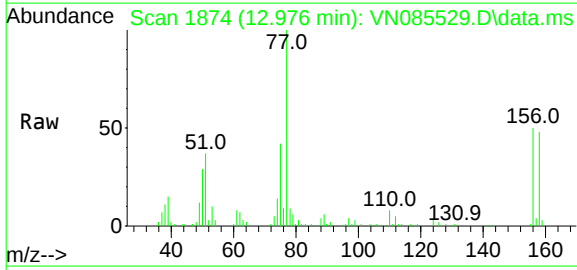
Tgt Ion:	156	Resp:	47665
Ion Ratio	Lower	Upper	
156	100		
77	228.4	114.1	342.4
158	94.0	48.9	146.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/29/2025



#78

n-propylbenzene

Concen: 21.517 ug/l

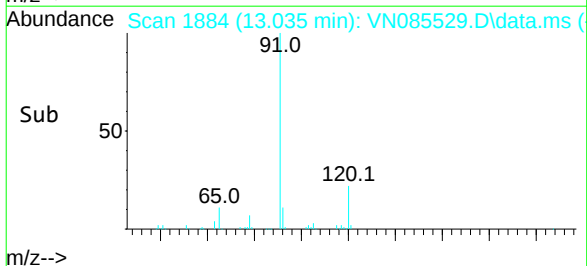
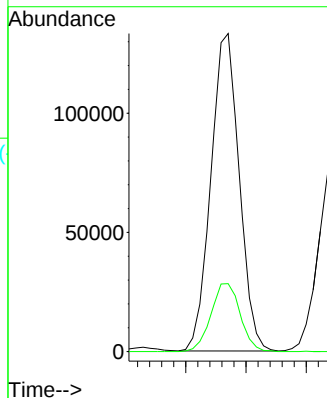
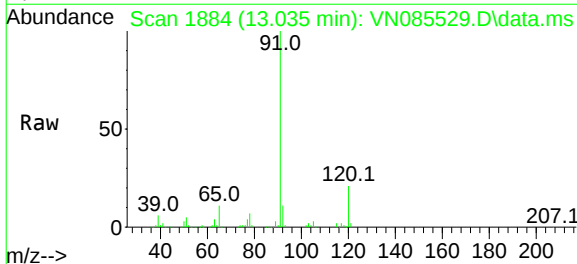
RT: 13.035 min Scan# 1884

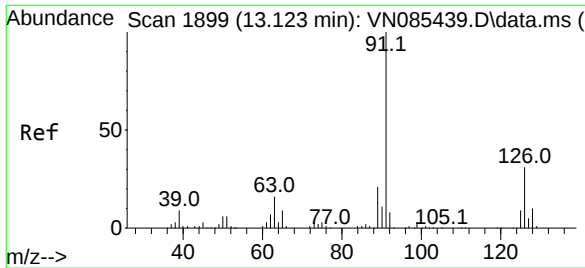
Delta R.T. 0.006 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Tgt Ion:	91	Resp:	217855
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.9	32.6





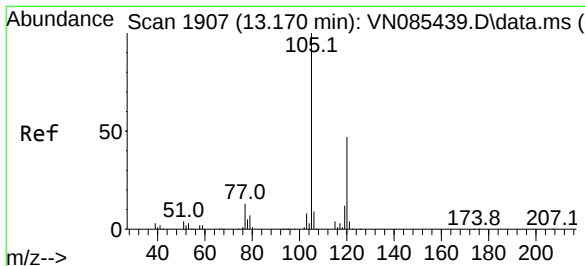
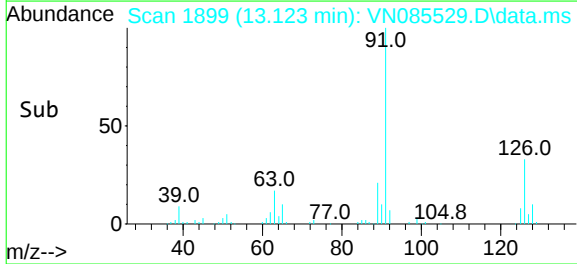
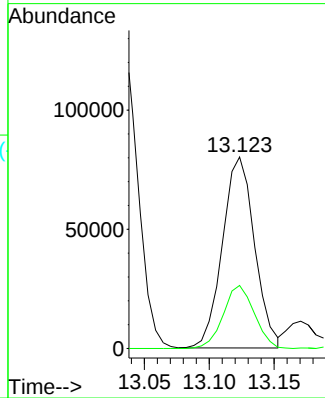
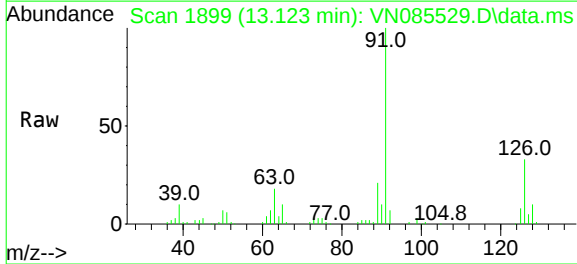
#79
2-Chlorotoluene
Concen: 21.081 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion: 91 Resp: 138138
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1

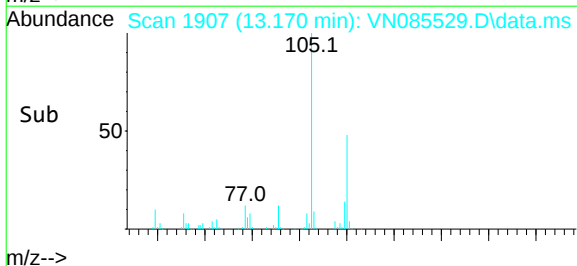
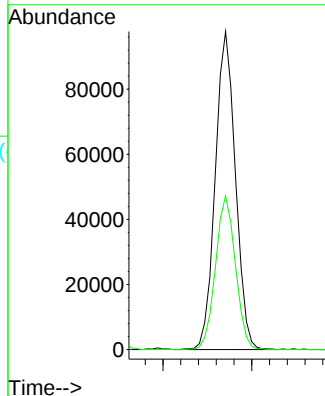
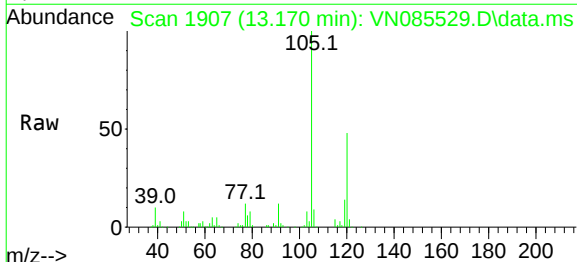
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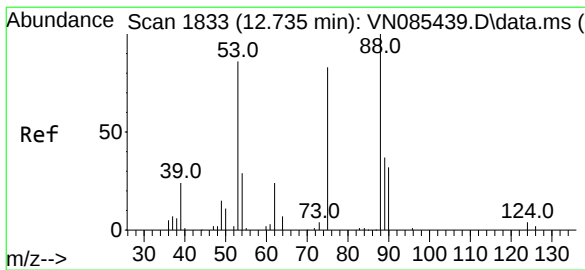
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.836 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:105 Resp: 154258
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7





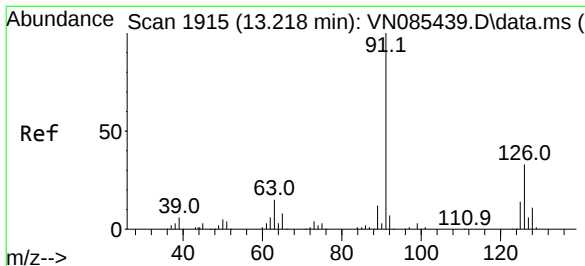
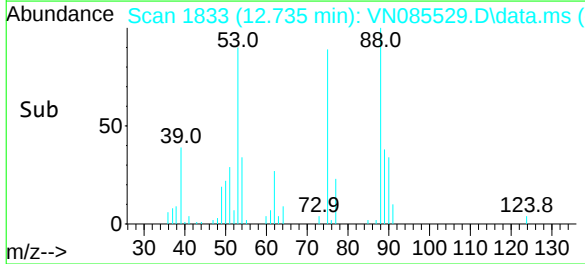
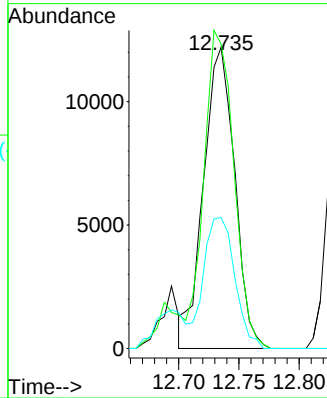
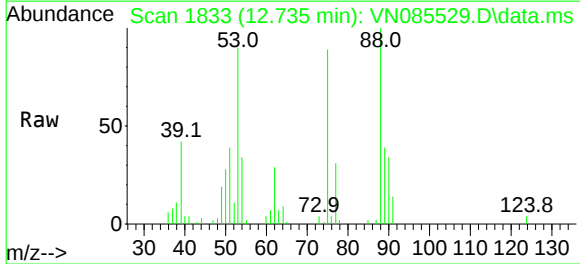
#81
trans-1,4-Dichloro-2-butene
Concen: 23.073 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:	75	Resp:	21965
Ion	Ratio	Lower	Upper
75	100		
53	101.0	95.6	143.4
89	44.0	37.0	55.6

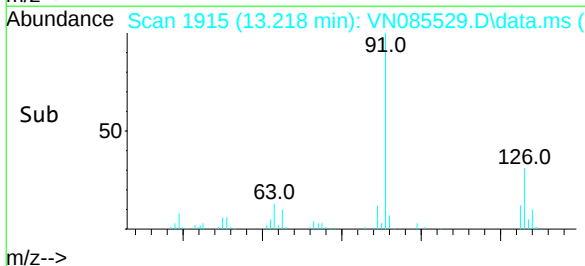
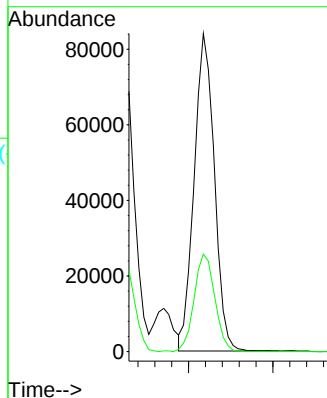
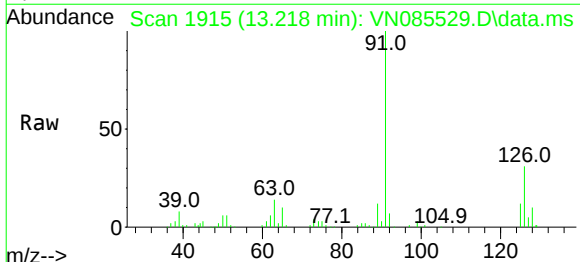
Manual Integrations
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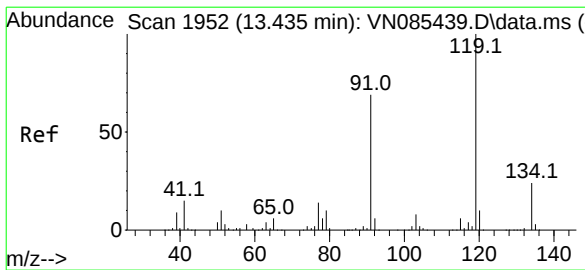
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#82
4-Chlorotoluene
Concen: 21.369 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

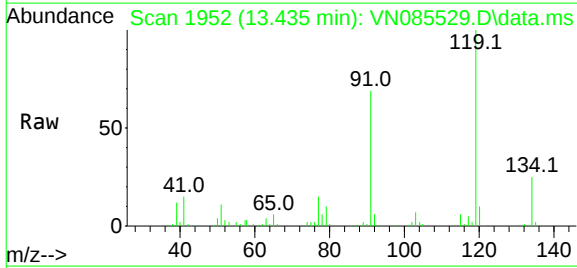
Tgt Ion:	91	Resp:	139420
Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





#83
tert-Butylbenzene
Concen: 20.926 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

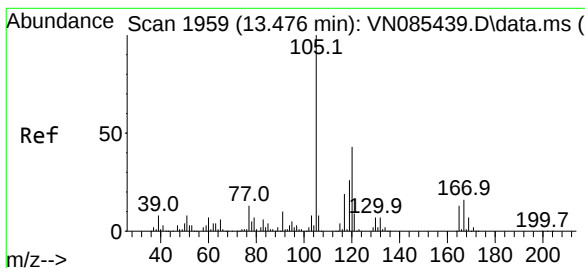
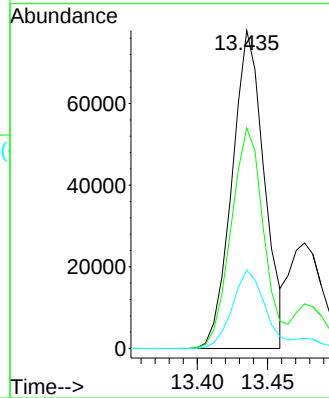
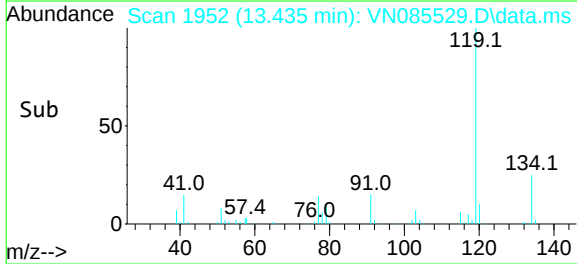
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



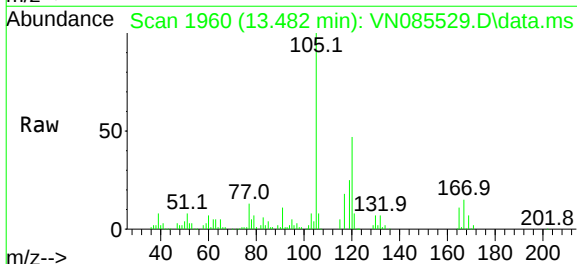
Tgt Ion:119 Resp: 124147
Ion Ratio Lower Upper
119 100
91 71.0 35.1 105.3
134 27.7 12.0 36.1

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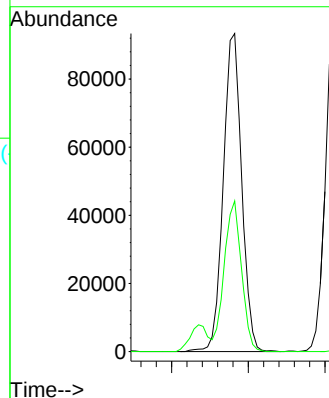
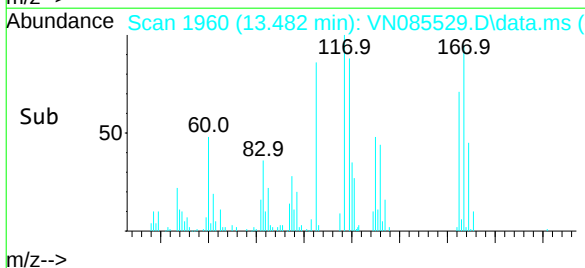
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

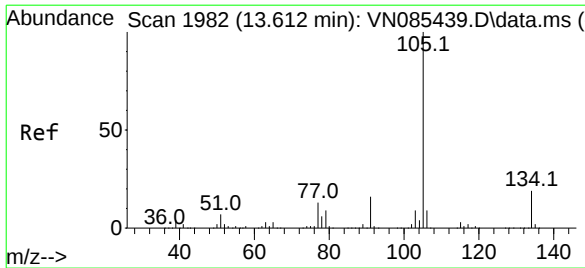


#84
1,2,4-Trimethylbenzene
Concen: 22.092 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



Tgt Ion:105 Resp: 155548
Ion Ratio Lower Upper
105 100
120 44.5 21.6 65.0





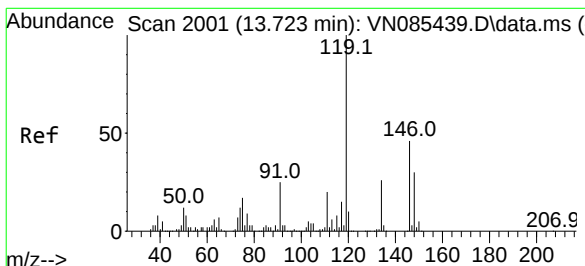
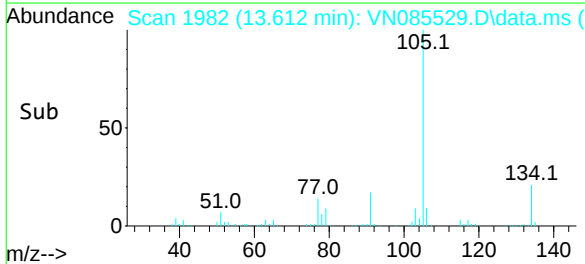
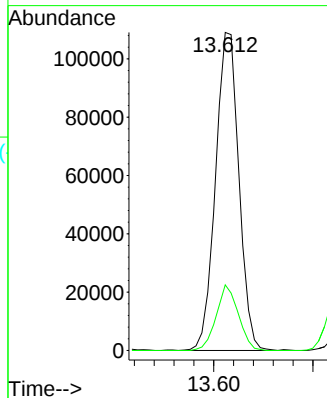
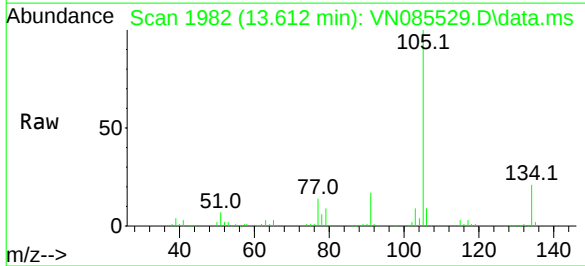
#85
 sec-Butylbenzene
 Concen: 21.691 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Tgt Ion:105 Resp: 178351
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

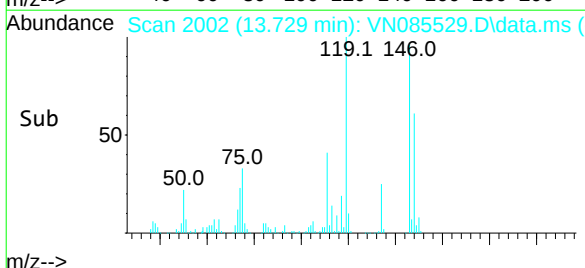
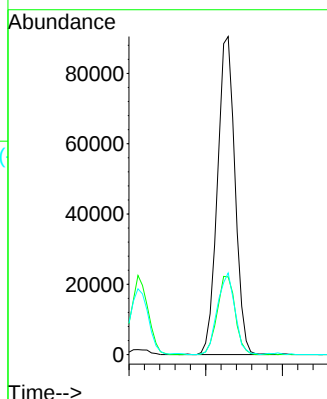
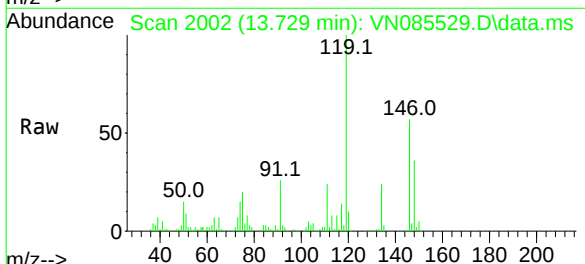
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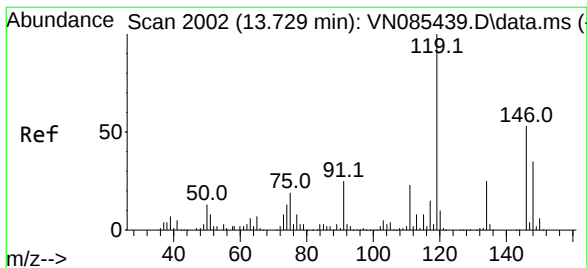
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#86
 p-Isopropyltoluene
 Concen: 20.952 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085529.D
 Acq: 28 Jan 2025 11:15

Tgt Ion:119 Resp: 143953
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.0
 91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.833 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

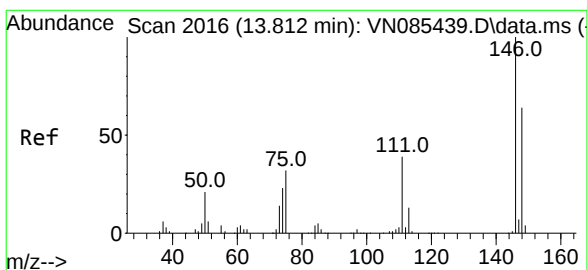
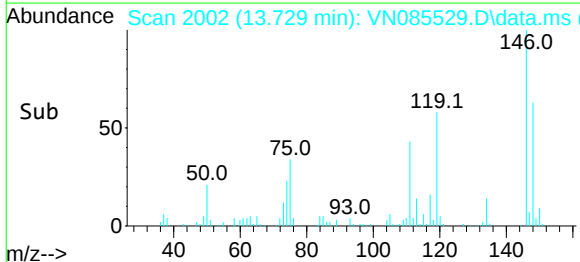
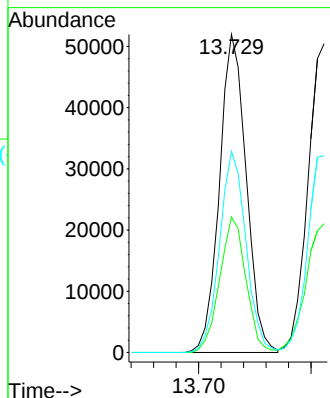
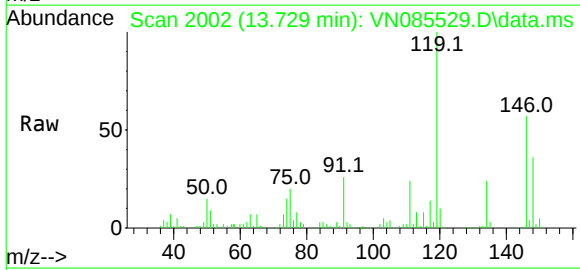
Tgt Ion:	146	Resp:	85729
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	62.6	32.3	96.9

Manual Integrations

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Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#88

1,4-Dichlorobenzene

Concen: 19.789 ug/l

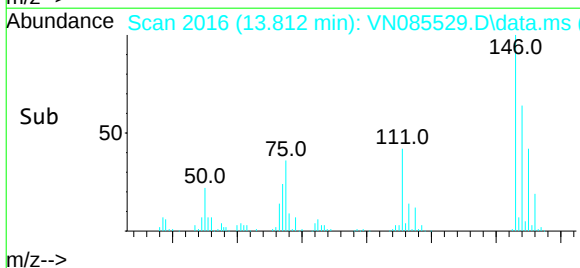
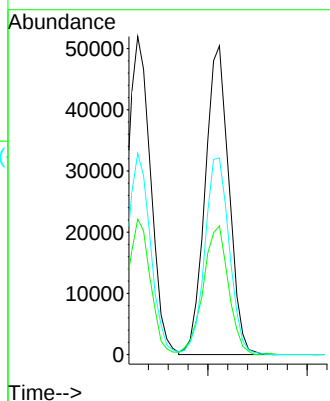
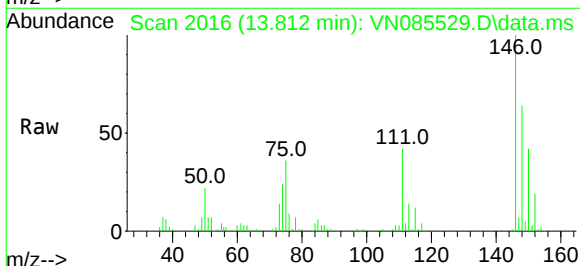
RT: 13.812 min Scan# 2016

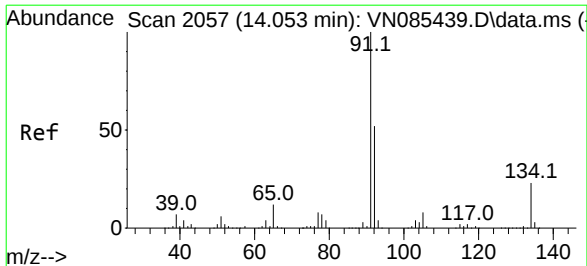
Delta R.T. 0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Tgt Ion:	146	Resp:	84406
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.7
148	65.4	32.4	97.0





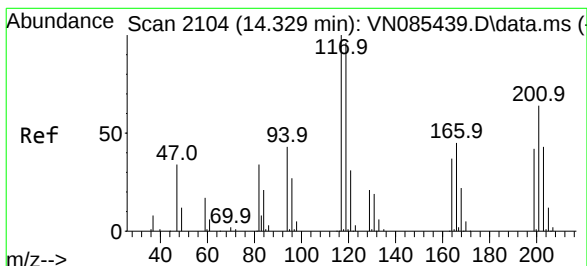
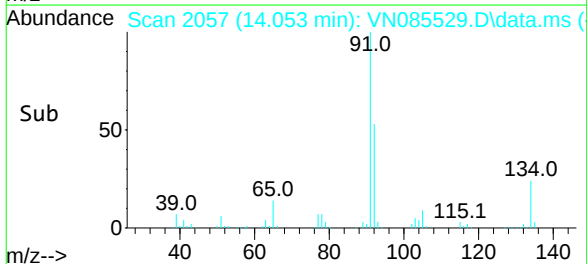
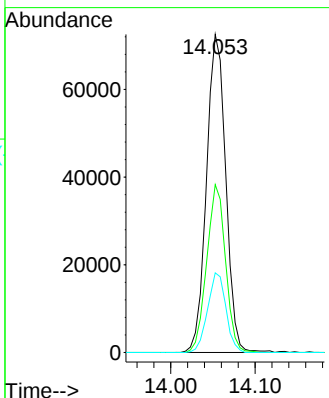
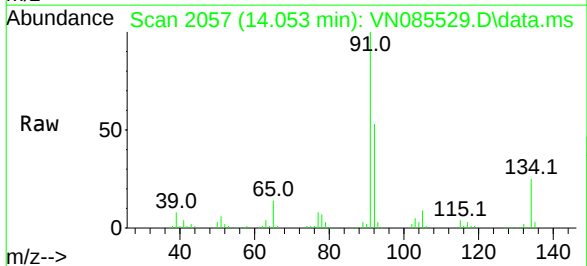
#89
n-Butylbenzene
Concen: 19.526 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion:	91	Resp:	115181
Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	23.8	11.7	35.1

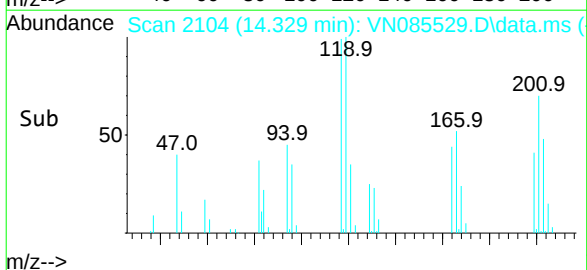
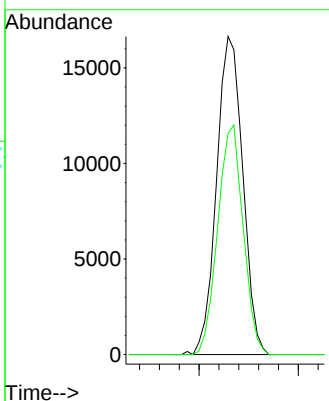
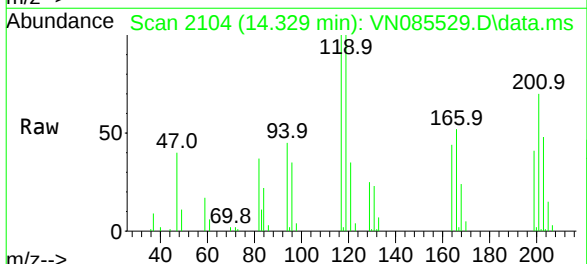
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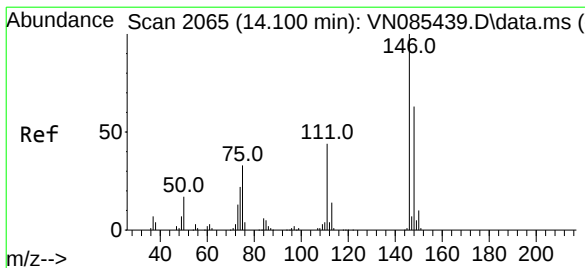
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#90
Hexachloroethane
Concen: 19.522 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Tgt Ion:	117	Resp:	30558
Ion	Ratio	Lower	Upper
117	100		
201	70.0	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 20.350 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBS01

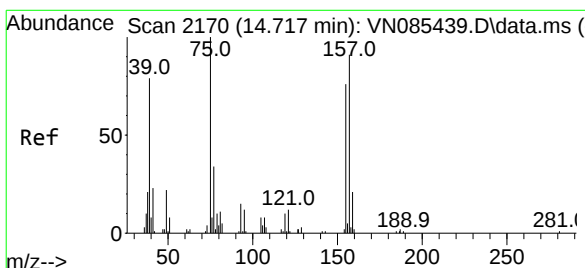
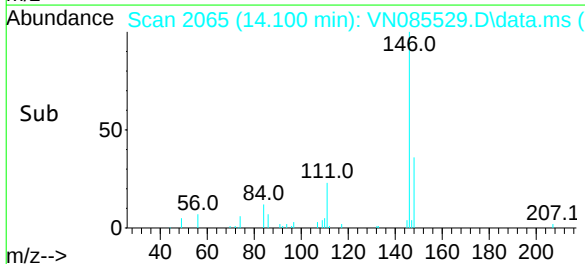
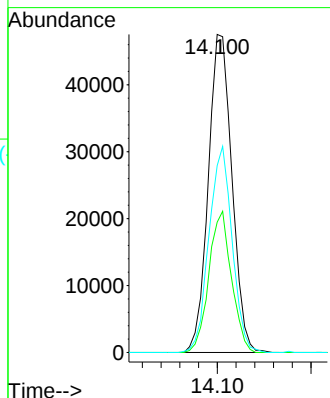
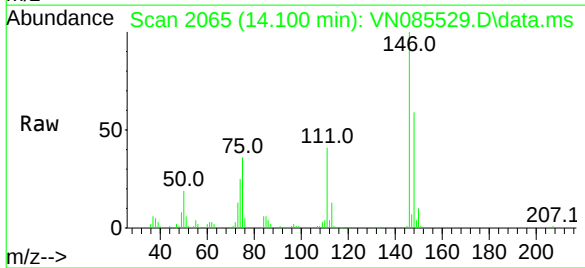
Tgt Ion:	146	Resp:	83529
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.7	65.1
148	63.4	31.4	94.2

Manual Integrations

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Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.494 ug/l

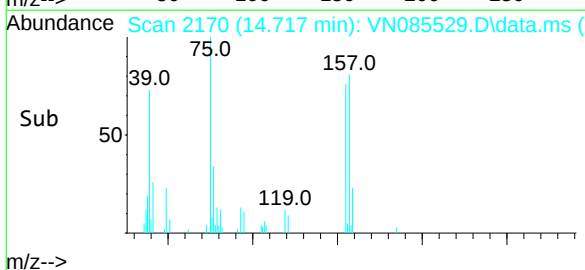
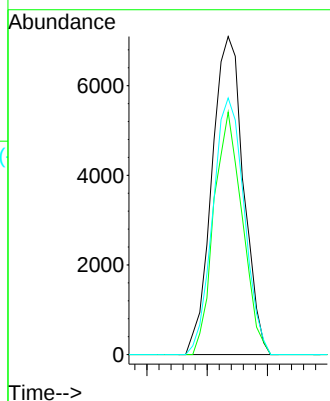
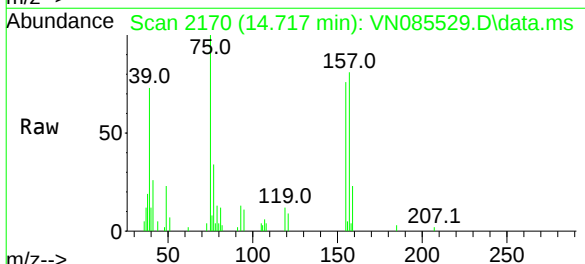
RT: 14.717 min Scan# 2170

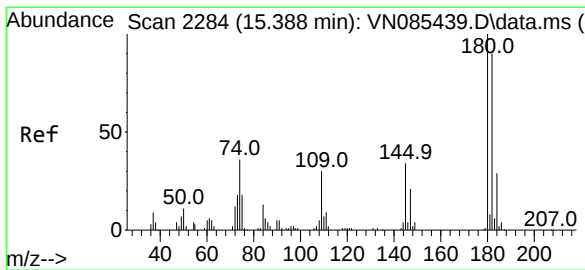
Delta R.T. -0.000 min

Lab File: VN085529.D

Acq: 28 Jan 2025 11:15

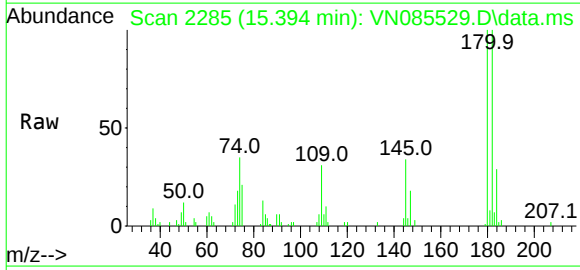
Tgt Ion:	75	Resp:	12961
Ion Ratio	Lower	Upper	
75	100		
155	68.3	36.4	109.2
157	79.8	45.4	136.1





#93
1,2,4-Trichlorobenzene
Concen: 18.913 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

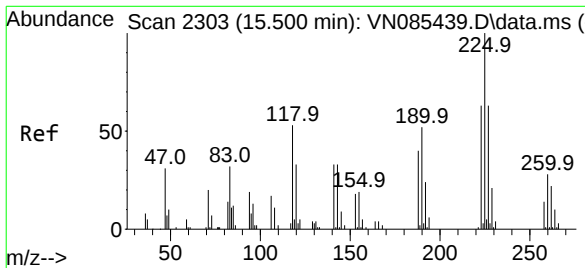
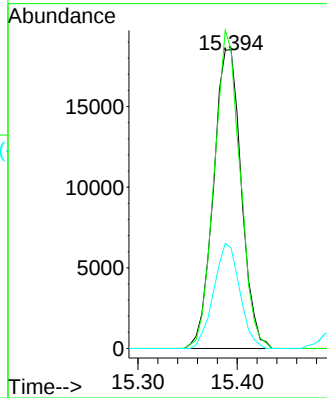
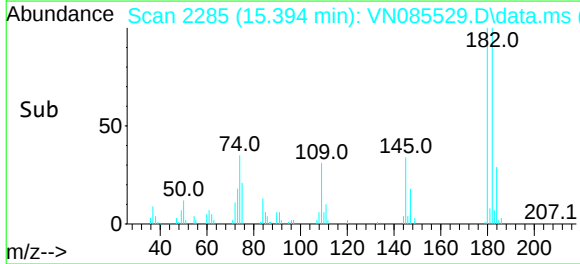
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01



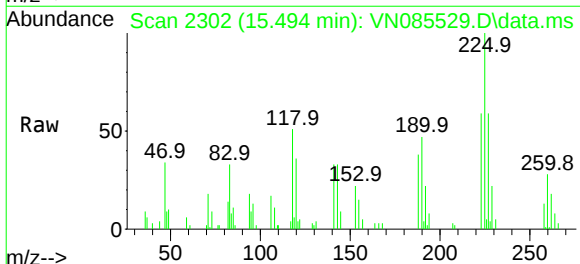
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.8	140.3
145	32.9	16.0	48.0

Manual Integrations
APPROVED

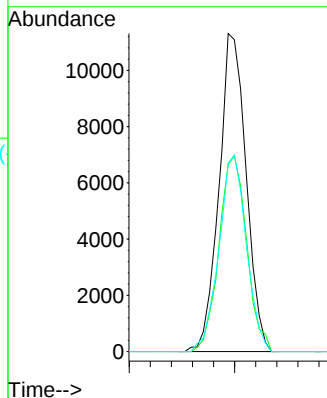
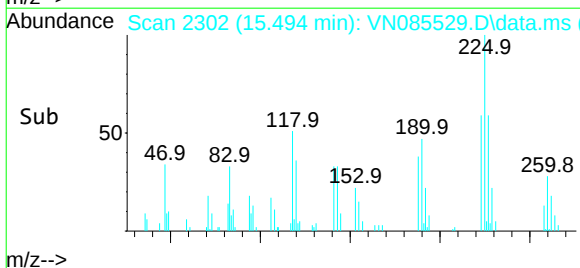
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

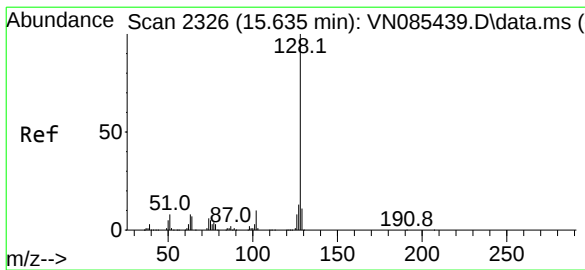


#94
Hexachlorobutadiene
Concen: 19.907 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.7	92.1
227	62.5	30.9	92.5





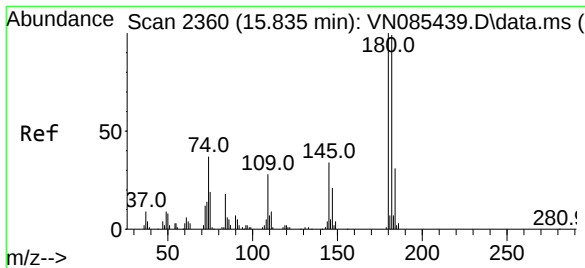
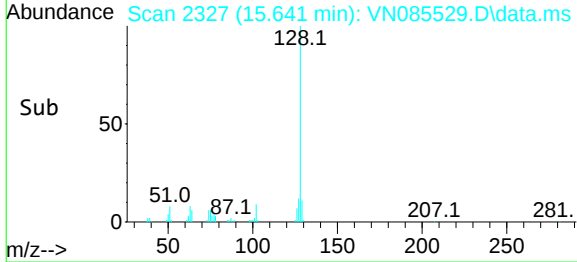
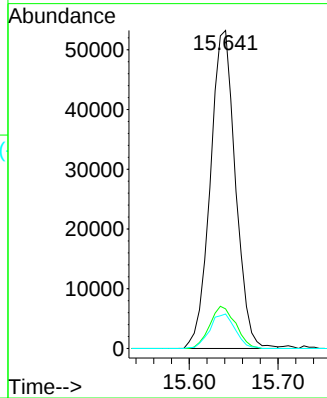
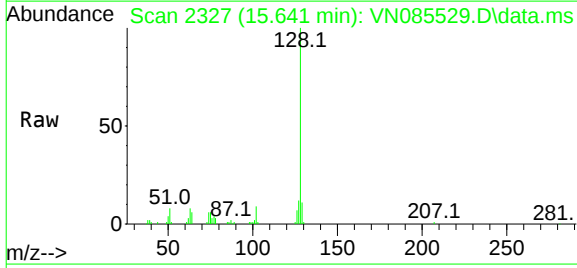
#95
Naphthalene
Concen: 18.394 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.978 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085529.D
Acq: 28 Jan 2025 11:15

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

