

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078524.D
 Acq On : 22 Feb 2024 18:22
 Operator : RP/MD
 Sample : P1538-08MSD
 Misc : 5.09G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

Quant Time: Feb 23 01:07:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	54377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	98931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	76173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42749	72.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.420%	
35) Dibromofluoromethane	7.804	113	42023	66.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.740%	
50) Toluene-d8	10.269	98	134581	53.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.575	95	27925	38.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	36392	67.925	ug/l	99
3) Chloromethane	2.146	50	70741	71.846	ug/l	99
4) Vinyl Chloride	2.275	62	104440	69.513	ug/l	99
5) Bromomethane	2.687	94	47826	46.116	ug/l	100
6) Chloroethane	2.828	64	78688	71.823	ug/l	100
7) Trichlorofluoromethane	3.163	101	60667	59.858	ug/l	99
8) Diethyl Ether	3.593	74	22466	76.958	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	31309	48.967	ug/l	99
10) Methyl Iodide	4.163	142	14929	26.069	ug/l	92
11) Tert butyl alcohol	5.063	59	13757	435.913	ug/l	# 85
12) 1,1-Dichloroethene	3.934	96	33513	56.535	ug/l	96
13) Acrolein	3.787	56	249	4.584	ug/l	88
14) Allyl chloride	4.557	41	40020	54.649	ug/l	94
15) Acrylonitrile	5.252	53	52421	419.471	ug/l	98
16) Acetone	4.022	43	61974	614.351	ug/l	92
17) Carbon Disulfide	4.263	76	72212	36.203	ug/l	99
18) Methyl Acetate	4.557	43	69198	146.836	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	99671	79.140	ug/l	98
20) Methylene Chloride	4.799	84	63485	98.303	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	35744	51.257	ug/l	92
22) Diisopropyl ether	6.216	45	109333	67.738	ug/l	95
23) Vinyl Acetate	6.157	43	53064	70.131	ug/l	97
24) 1,1-Dichloroethane	6.104	63	74237	64.927	ug/l	99
25) 2-Butanone	7.087	43	68422	473.345	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	59293	61.859	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	46860	61.247	ug/l	96
28) Bromochloromethane	7.422	49	29032	64.106	ug/l	89
29) Tetrahydrofuran	7.451	42	38745	443.117	ug/l	92
30) Chloroform	7.593	83	81498	67.367	ug/l	97
31) Cyclohexane	7.875	56	27910	28.062	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	62090	60.198	ug/l	97
36) 1,1-Dichloropropene	8.004	75	44897	45.989	ug/l	97
37) Ethyl Acetate	7.169	43	24046	70.265	ug/l	# 72
38) Carbon Tetrachloride	7.987	117	19431	20.098	ug/l	94
39) Methylcyclohexane	9.275	83	18723	16.155	ug/l	95
40) Benzene	8.251	78	172226	61.034	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14234	79.920	ug/l #	95
42) 1,2-Dichloroethane	8.328	62	50386	69.009	ug/l	95
43) Isopropyl Acetate	8.363	43	47905	75.595	ug/l	92
44) Trichloroethene	9.028	130	38477	53.449	ug/l	93
45) 1,2-Dichloropropane	9.304	63	43189	62.381	ug/l	99
46) Dibromomethane	9.392	93	27359	70.256	ug/l	92
47) Bromodichloromethane	9.587	83	58723	60.882	ug/l	97
48) Methyl methacrylate	9.381	41	27976	83.211	ug/l	83
49) 1,4-Dioxane	9.387	88	7431	1762.044	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	142939	424.985	ug/l	90
52) Toluene	10.334	92	92808	52.009	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	37935	43.103	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	39574	37.082	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	39457	75.238	ug/l	95
56) Ethyl methacrylate	10.598	69	27890	57.503	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	61484	68.921	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	121459	425.131	ug/l	98
59) 2-Hexanone	10.922	43	99243	392.633	ug/l	93
60) Dibromochloromethane	11.075	129	39913	63.256	ug/l	99
61) 1,2-Dibromoethane	11.175	107	33627	68.301	ug/l	97
64) Tetrachloroethene	10.804	164	29503	61.320	ug/l	96
65) Chlorobenzene	11.604	112	85700	55.963	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	36583	65.005	ug/l	96
67) Ethyl Benzene	11.681	91	131871	48.061	ug/l	95
68) m/p-Xylenes	11.792	106	98884	92.391	ug/l	94
69) o-Xylene	12.116	106	47418	48.549	ug/l	90
70) Styrene	12.134	104	71168	44.647	ug/l	97
71) Bromoform	12.298	173	21666	73.144	ug/l #	99
73) Isopropylbenzene	12.422	105	89021	58.095	ug/l	95
74) N-amyl acetate	12.233	43	15819	54.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	41151	135.381	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	41882	216.182	ug/l #	100
77) Bromobenzene	12.704	156	28766	79.879	ug/l	82
78) n-propylbenzene	12.763	91	93091	48.749	ug/l	95
79) 2-Chlorotoluene	12.851	91	61788	60.412	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	62329	48.986	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	4053	43.431	ug/l #	93
82) 4-Chlorotoluene	12.945	91	64079	58.335	ug/l	96
83) tert-Butylbenzene	13.163	119	42656	39.751	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	65188	50.480	ug/l	96
85) sec-Butylbenzene	13.345	105	53210	31.973	ug/l	95
86) p-Isopropyltoluene	13.463	119	46864	33.062	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	38405	49.967	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	38121	50.477	ug/l	97
89) n-Butylbenzene	13.786	91	36186	26.486	ug/l	94
90) Hexachloroethane	14.051	117	2246	7.709	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	37191	57.622	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5636	141.605	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	9979	26.308	ug/l	94
94) Hexachlorobutadiene	15.198	225	2952	14.910	ug/l	93
95) Naphthalene	15.333	128	35820	50.914	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	8249	25.660	ug/l	97

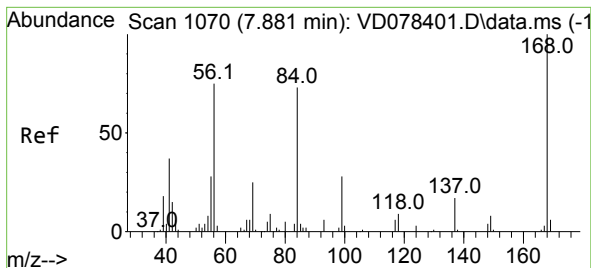
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078524.D

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Instrument :

MSVOA_D

ClientSampleId :

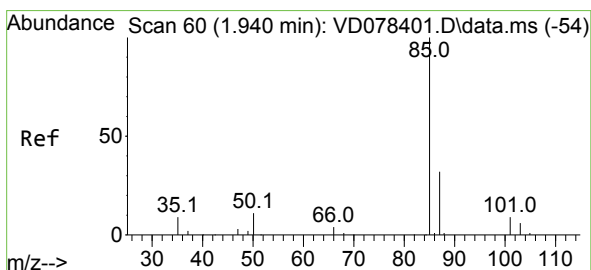
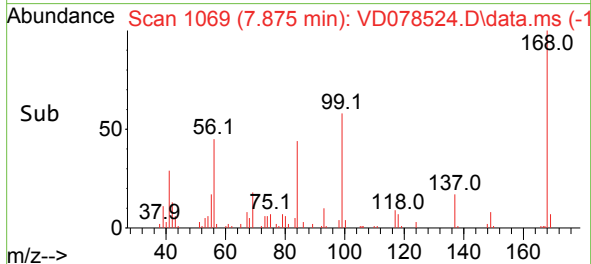
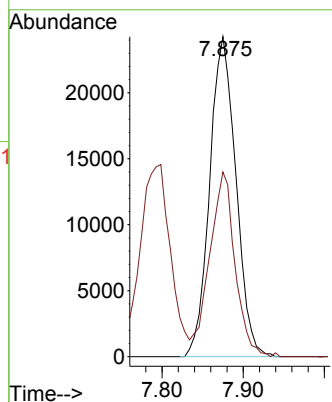
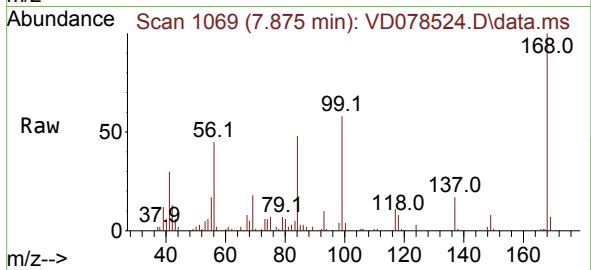
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:168 Resp: 54377

Ion Ratio Lower Upper

168 100

99 57.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 67.925 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078524.D

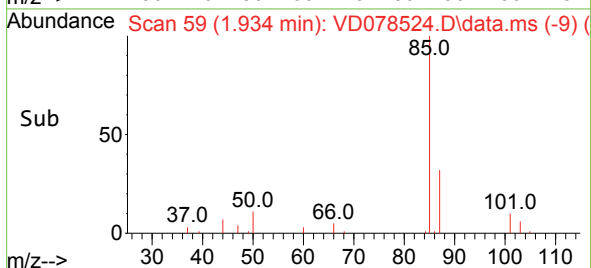
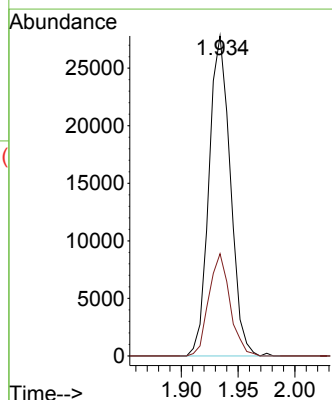
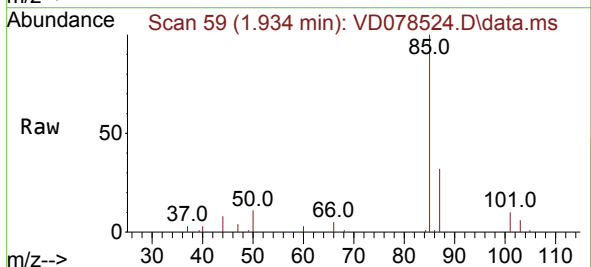
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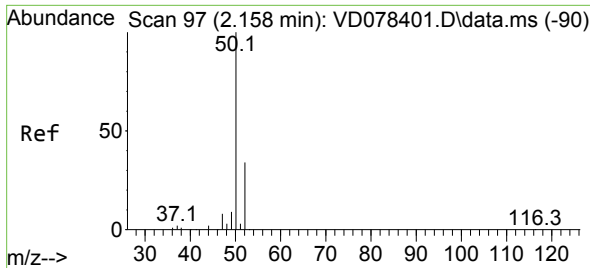
Tgt Ion: 85 Resp: 36392

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0

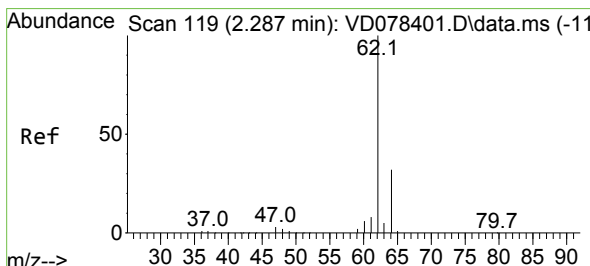
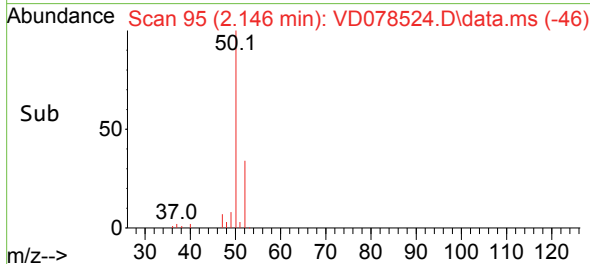
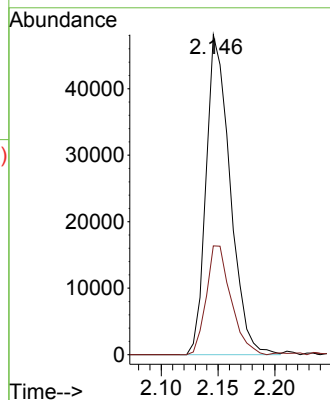
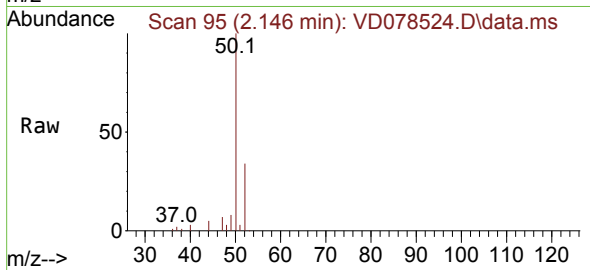




#3
Chloromethane
Concen: 71.846 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078524.D
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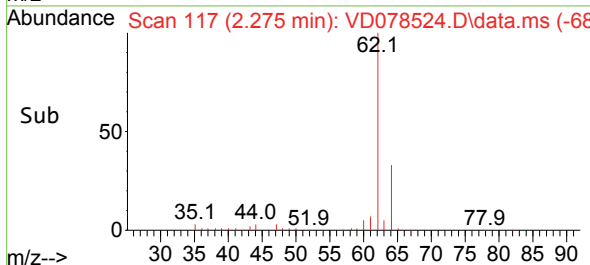
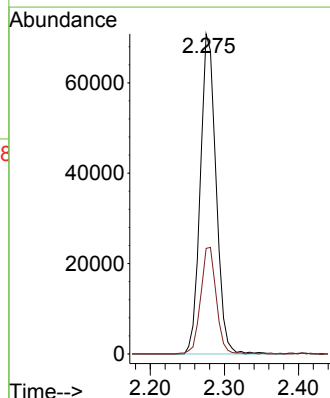
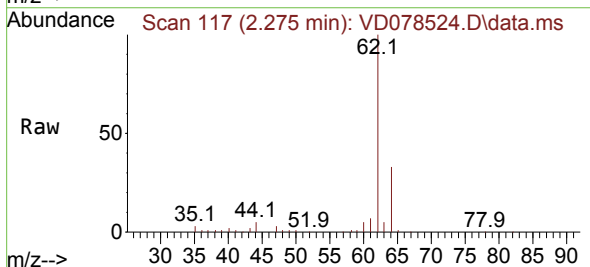
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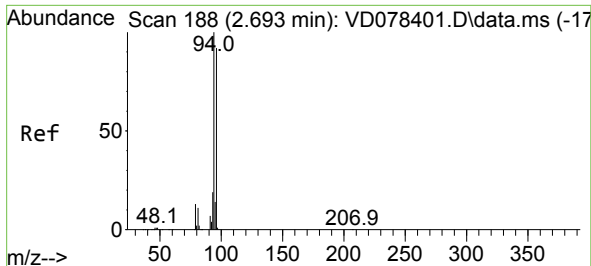
Tgt Ion: 50 Resp: 70741
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 69.513 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 62 Resp: 104440
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

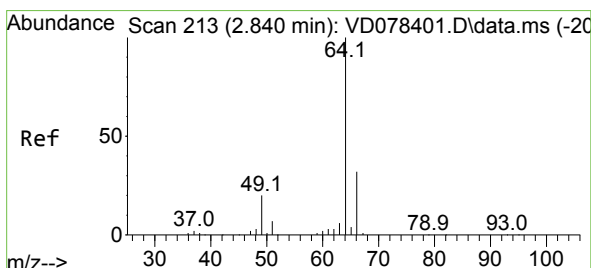
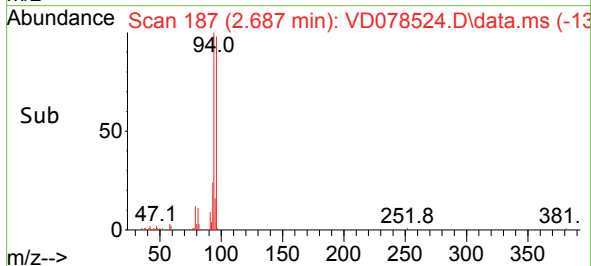
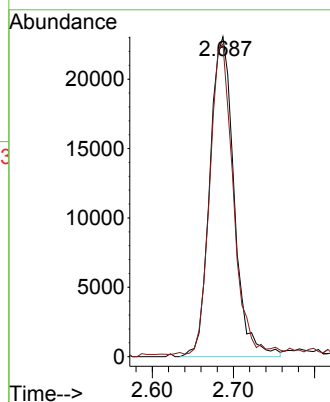
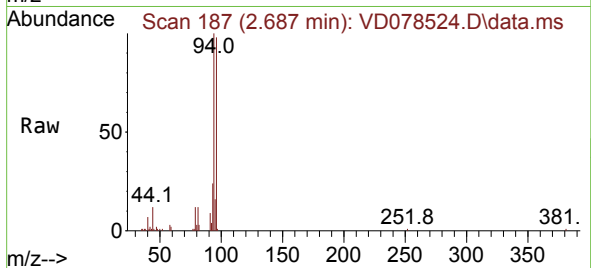




#5
Bromomethane
Concen: 46.116 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

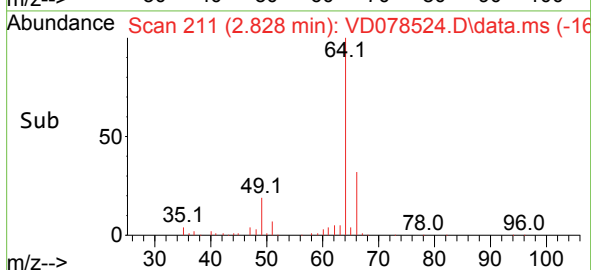
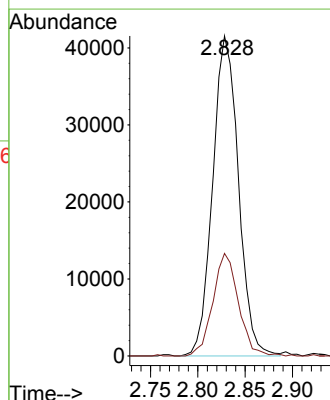
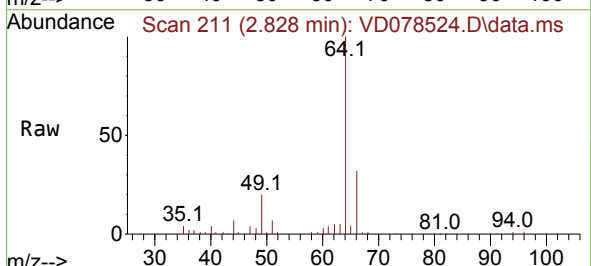
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Tgt Ion: 94 Resp: 47826
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 71.823 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 64 Resp: 78688
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

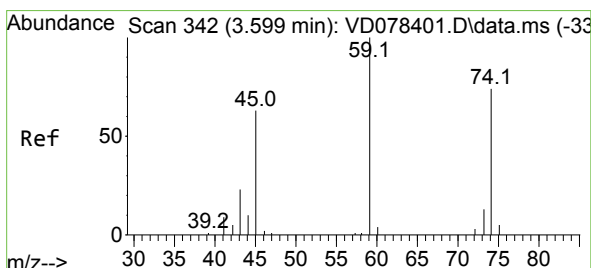
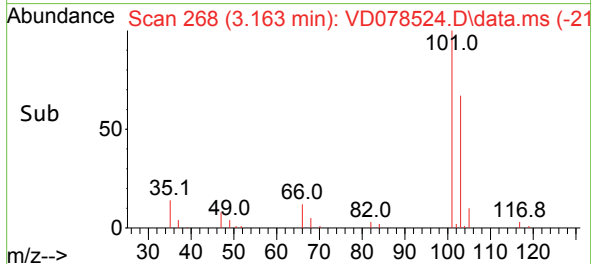
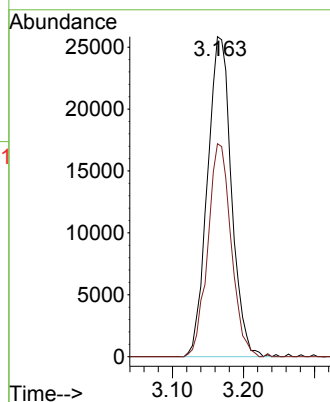
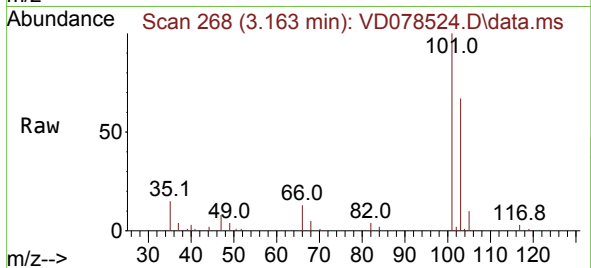




#7
 Trichlorofluoromethane
 Concen: 59.858 ug/l
 RT: 3.163 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

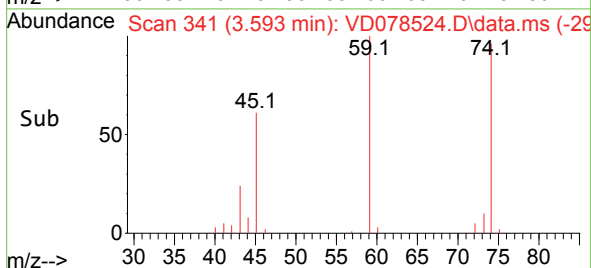
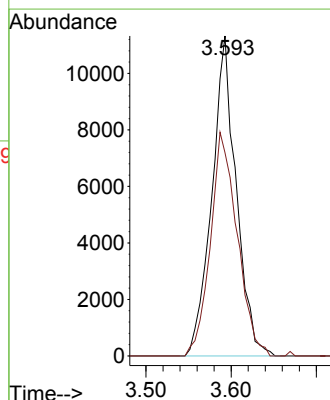
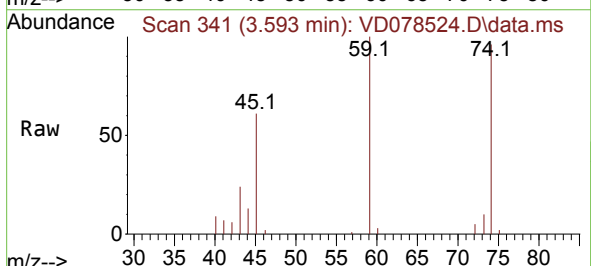
Instrument :
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 20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:101 Resp: 60667
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 76.958 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

Tgt Ion: 74 Resp: 22466
 Ion Ratio Lower Upper
 74 100
 45 76.9 37.5 112.7

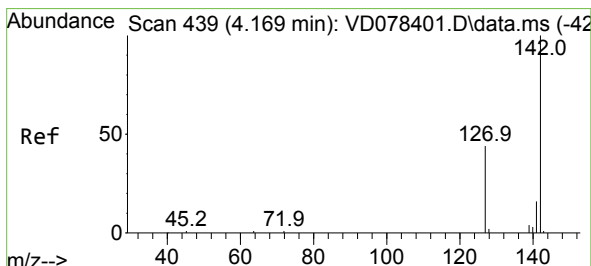
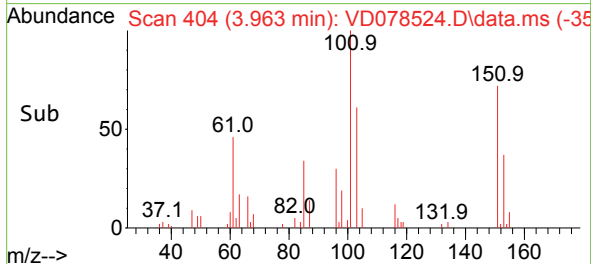
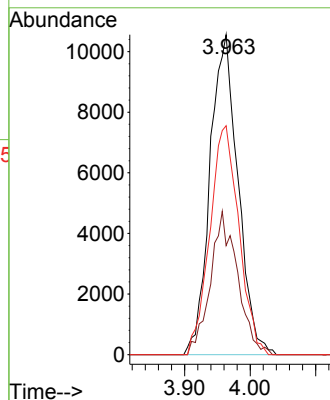
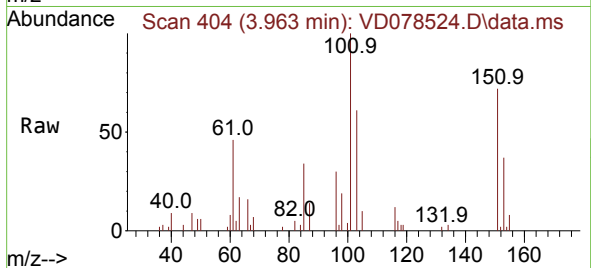




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.967 ug/l
RT: 3.963 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD078524.D
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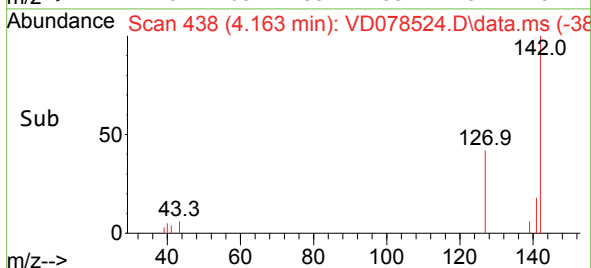
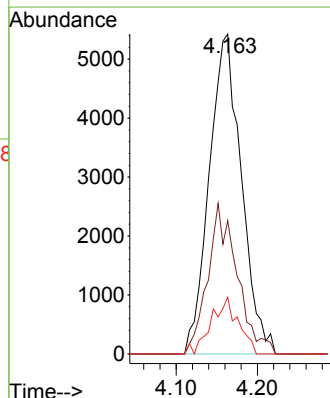
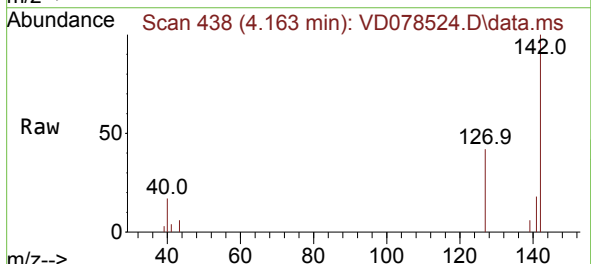
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ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

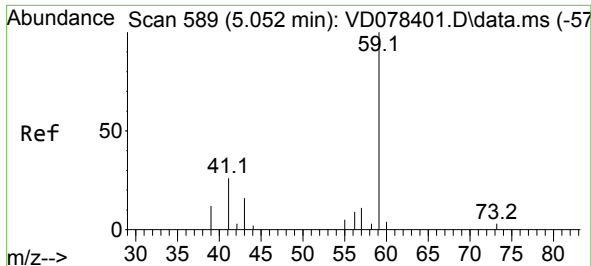
Tgt Ion:	101	Resp:	31309
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	74.3	59.8	89.6



#10
Methyl Iodide
Concen: 26.069 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	142	Resp:	14929
Ion	Ratio	Lower	Upper
142	100		
127	43.0	29.4	44.0
141	15.0	11.1	16.7

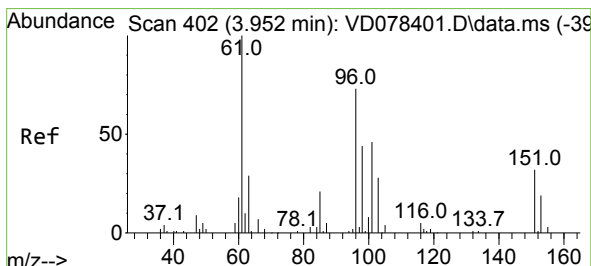
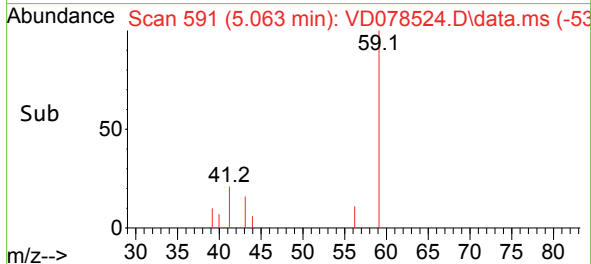
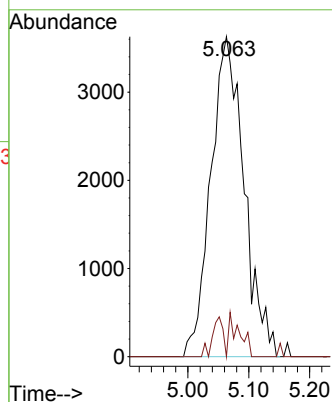
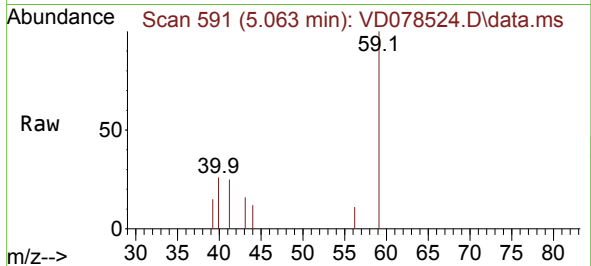




#11
Tert butyl alcohol
Concen: 435.913 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

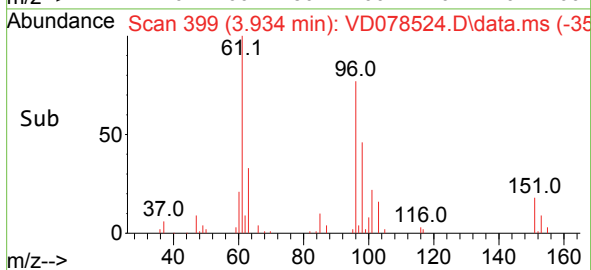
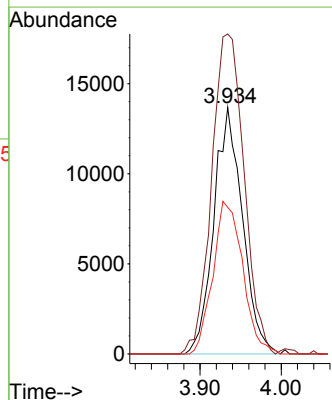
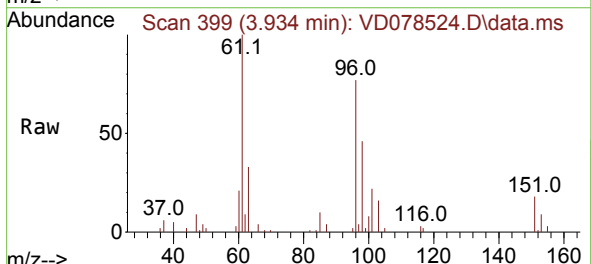
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

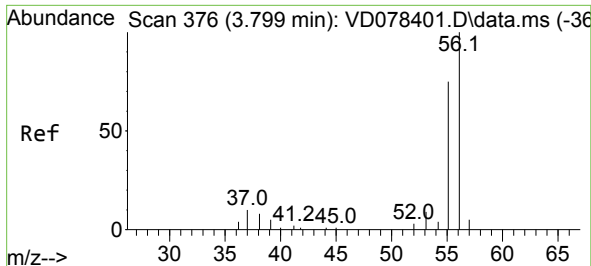
Tgt Ion: 59 Resp: 13757
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.535 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 96 Resp: 33513
Ion Ratio Lower Upper
96 100
61 129.8 100.6 150.8
98 59.5 50.2 75.2

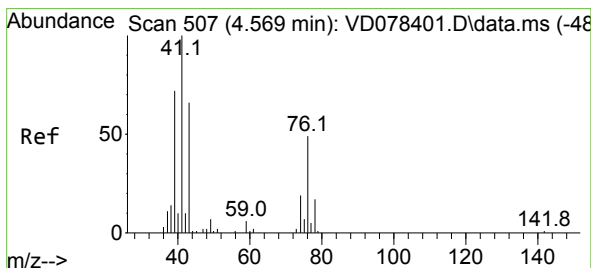
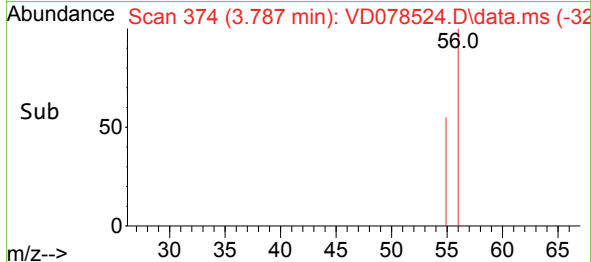
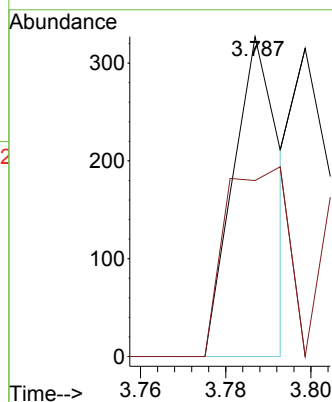
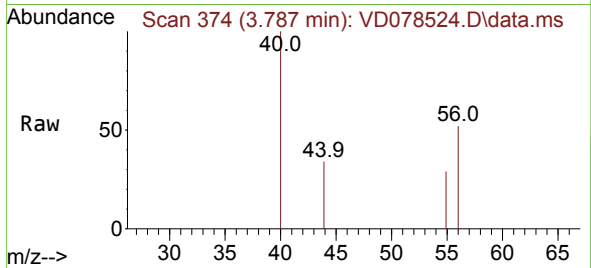




#13
Acrolein
Concen: 4.584 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

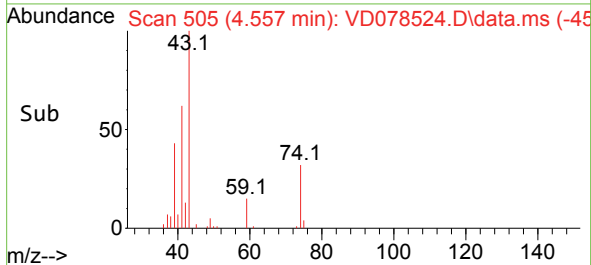
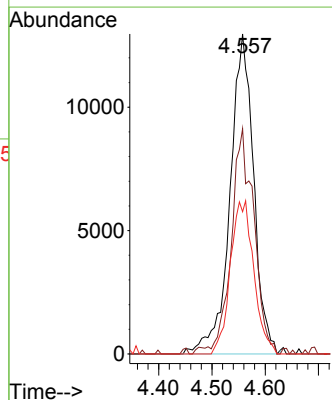
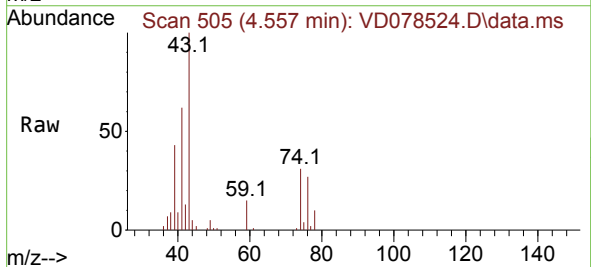
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

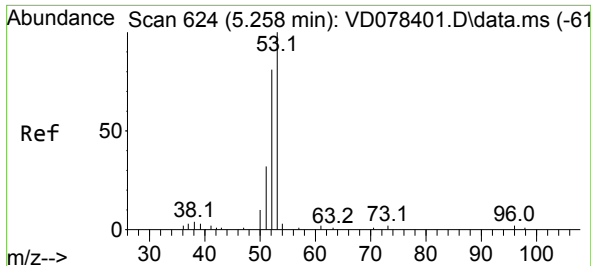
Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
55 78.7 55.1 82.7



#14
Allyl chloride
Concen: 54.649 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 41 Resp: 40020
Ion Ratio Lower Upper
41 100
39 67.0 53.8 80.6
76 47.5 45.8 68.8

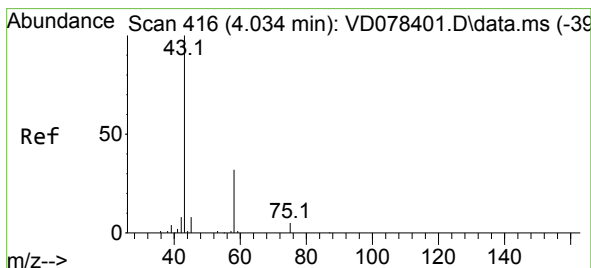
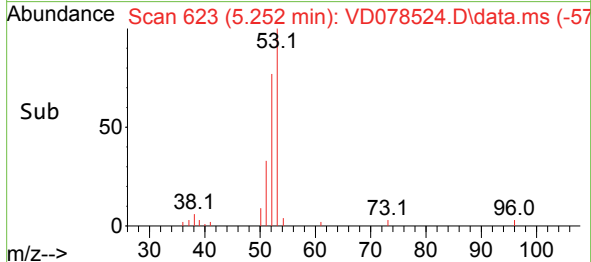
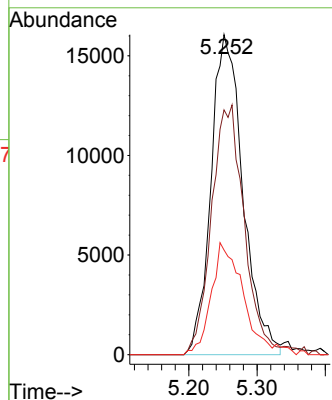
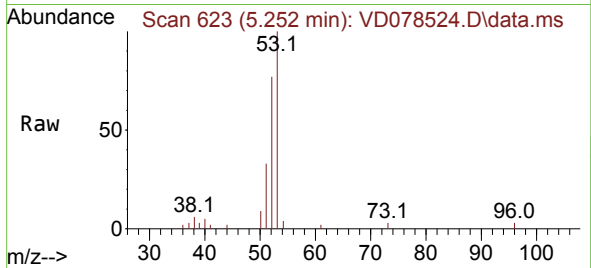




#15
Acrylonitrile
Concen: 419.471 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

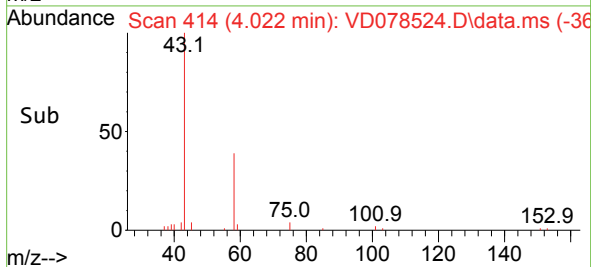
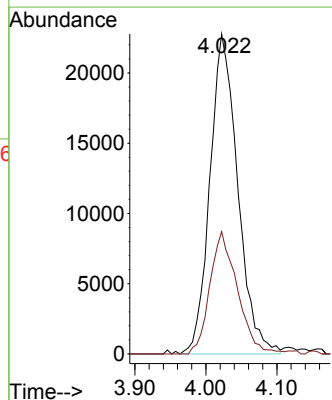
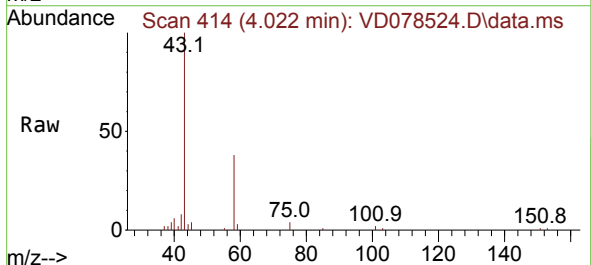
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

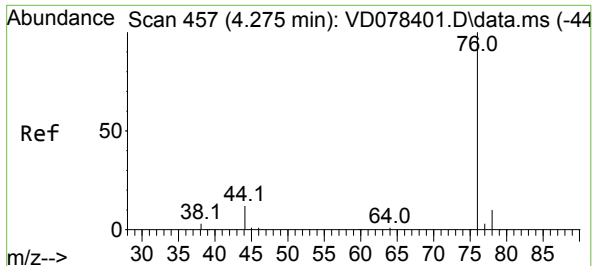
Tgt Ion:	53	Resp:	52421
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.0	97.4
51	34.2	28.3	42.5



#16
Acetone
Concen: 614.351 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	43	Resp:	61974
Ion	Ratio	Lower	Upper
43	100		
58	38.3	34.7	52.1

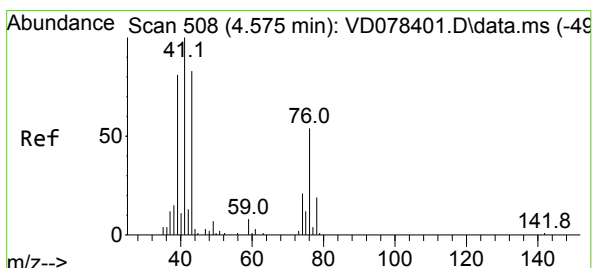
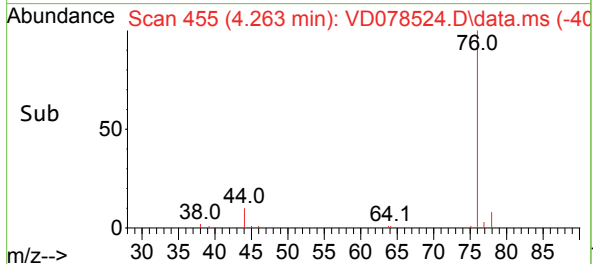
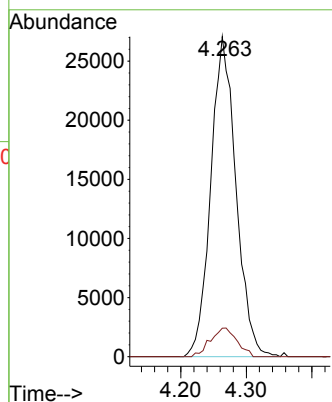
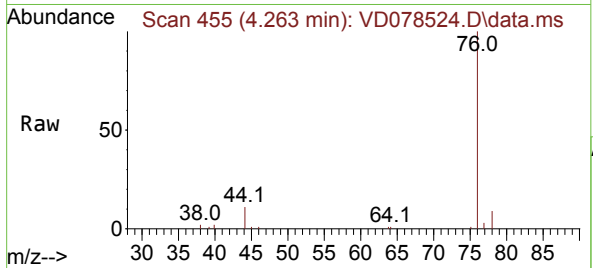




#17
Carbon Disulfide
Concen: 36.203 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

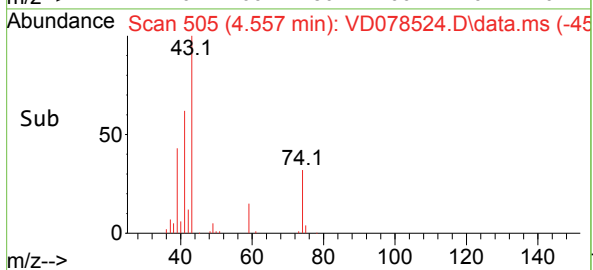
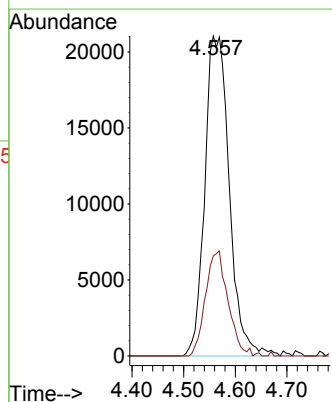
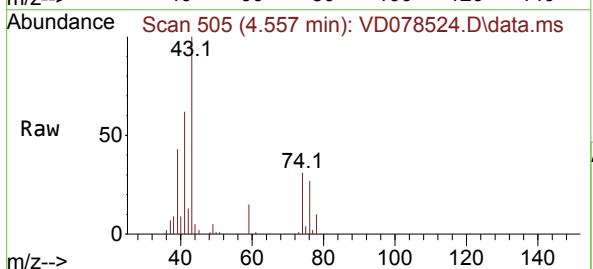
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

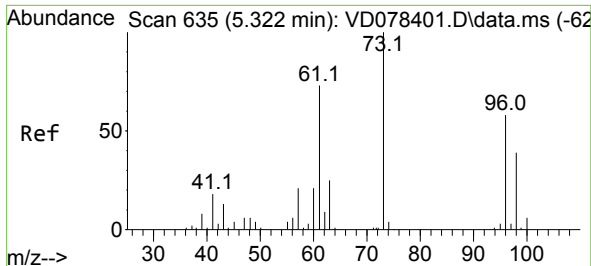
Tgt Ion: 76 Resp: 72212
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 146.836 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.018 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 43 Resp: 69198
Ion Ratio Lower Upper
43 100
74 30.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 79.140 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

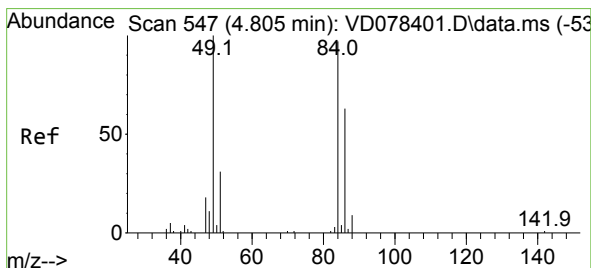
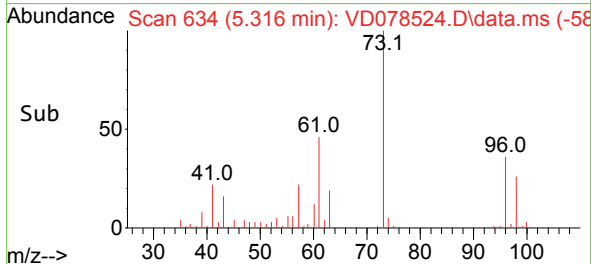
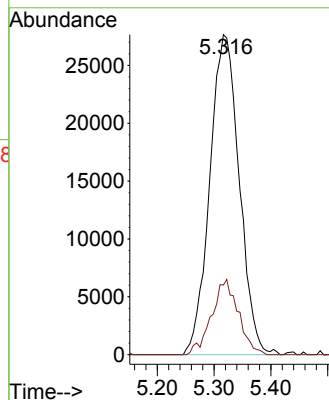
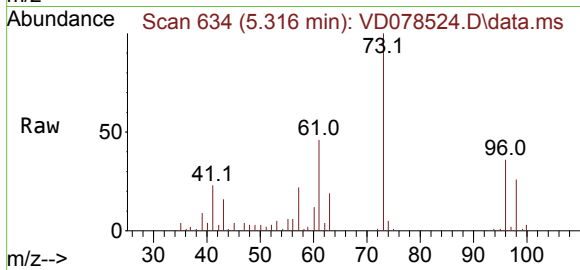
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 73 Resp: 99671

Ion Ratio Lower Upper

73 100

57 21.7 16.6 25.0



#20

Methylene Chloride

Concen: 98.303 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion: 84 Resp: 63485

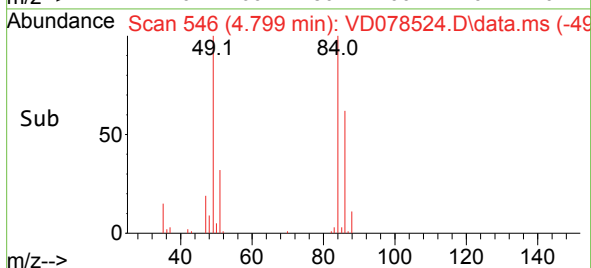
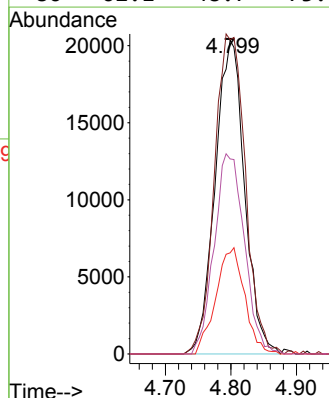
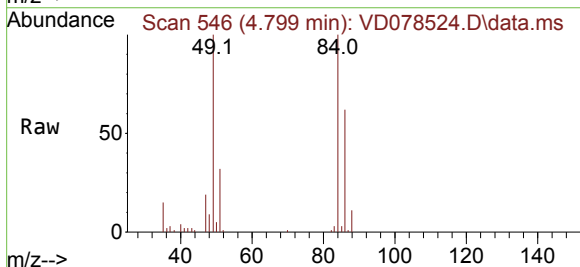
Ion Ratio Lower Upper

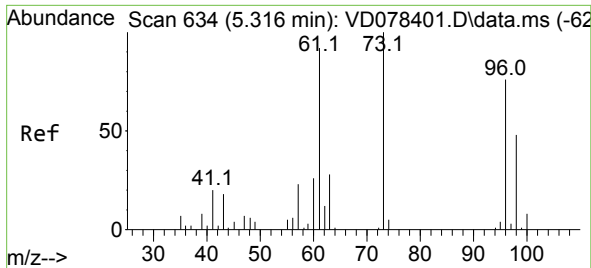
84 100

49 100.1 71.4 107.2

51 32.2 24.5 36.7

86 62.1 48.7 73.1

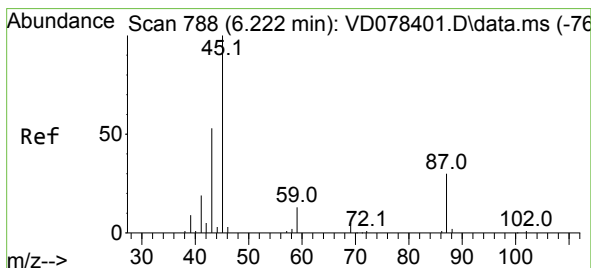
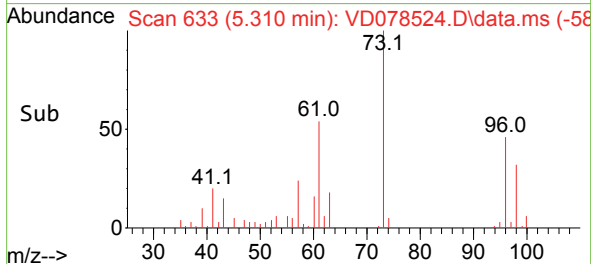
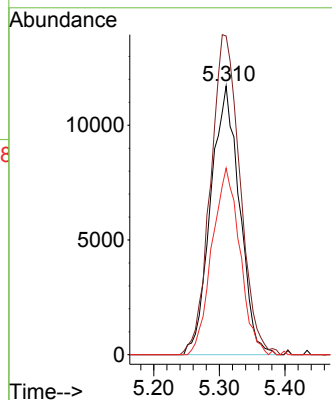
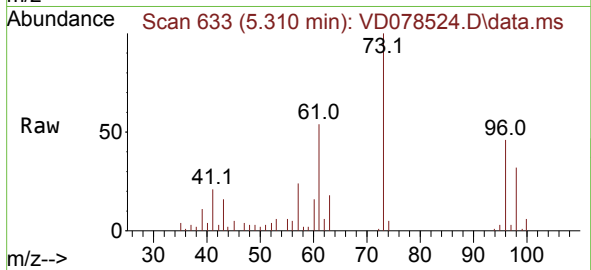




#21
trans-1,2-Dichloroethene
Concen: 51.257 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

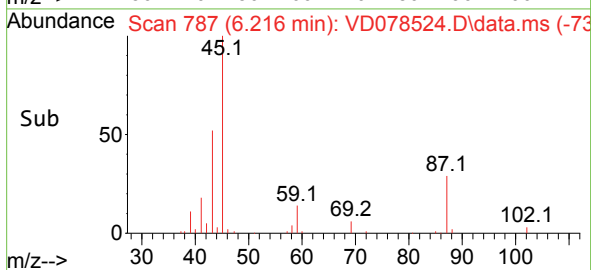
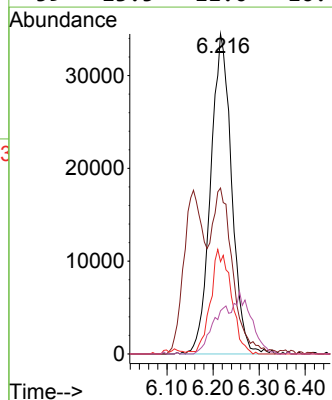
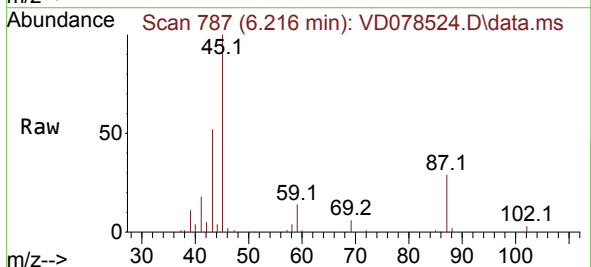
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

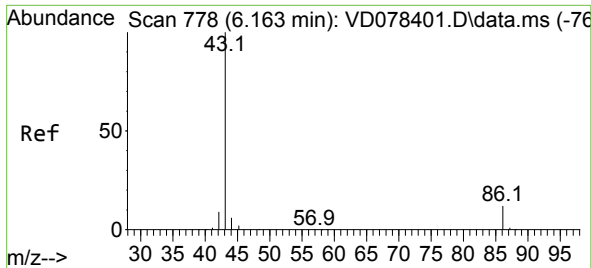
Tgt Ion: 96 Resp: 35744
Ion Ratio Lower Upper
96 100
61 118.6 89.3 133.9
98 69.4 48.6 73.0



#22
Diisopropyl ether
Concen: 67.738 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 45 Resp: 109333
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 28.9 28.2 42.4
59 13.5 11.0 16.4

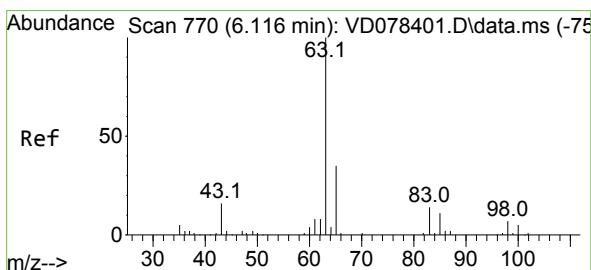
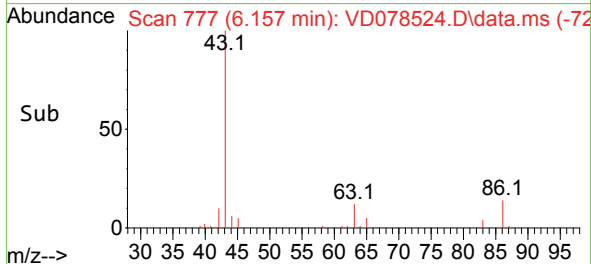
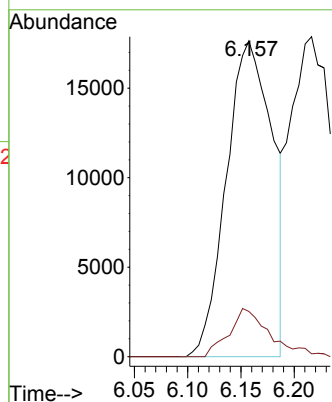
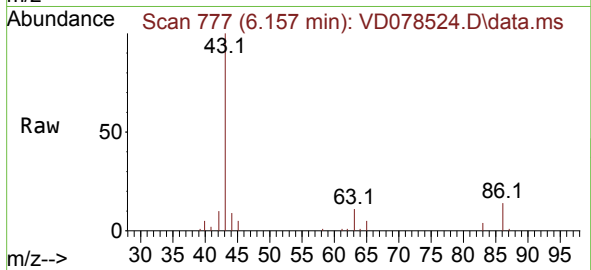




#23
 Vinyl Acetate
 Concen: 70.131 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

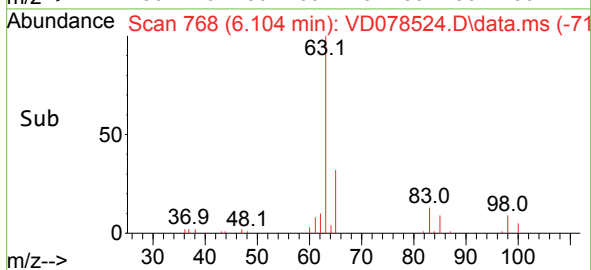
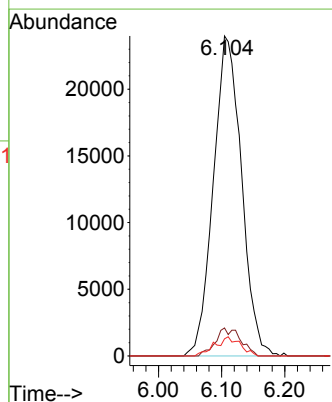
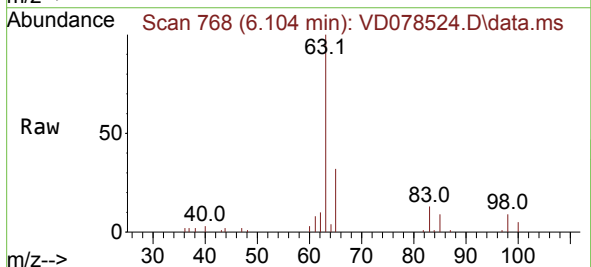
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

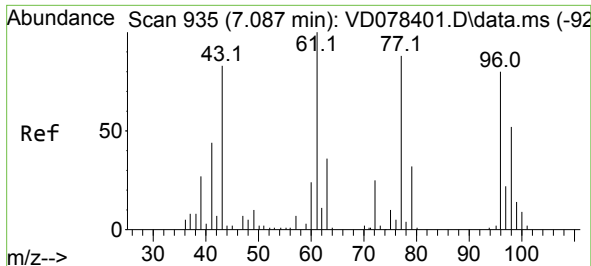
Tgt Ion: 43 Resp: 53064
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 64.927 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

Tgt Ion: 63 Resp: 74237
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 5.4 2.5 7.5

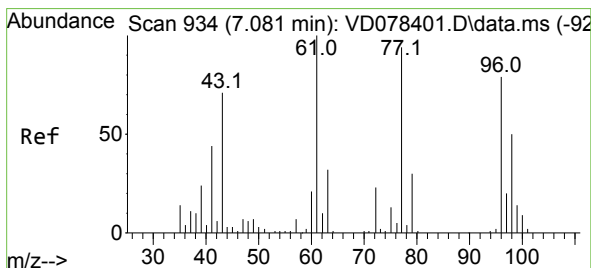
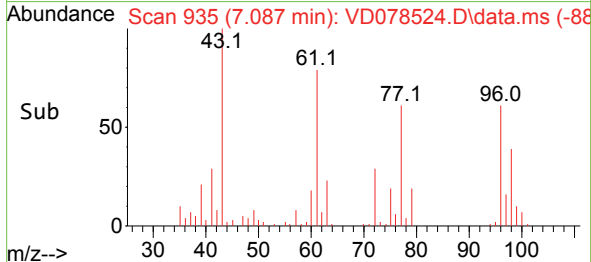
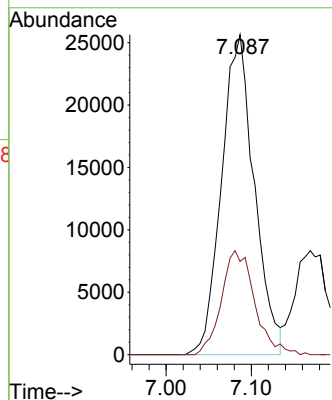
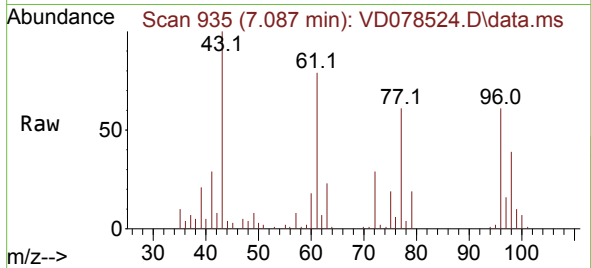




#25
2-Butanone
Concen: 473.345 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

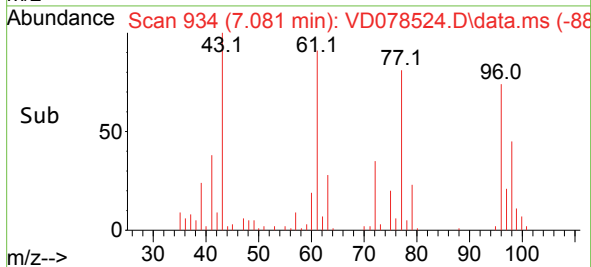
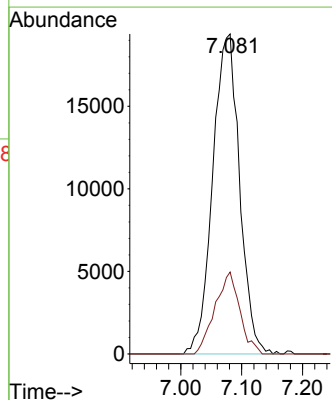
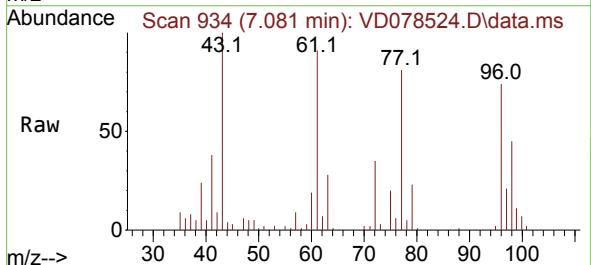
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 43 Resp: 68422
Ion Ratio Lower Upper
43 100
72 29.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 61.859 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 77 Resp: 59293
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 61.247 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

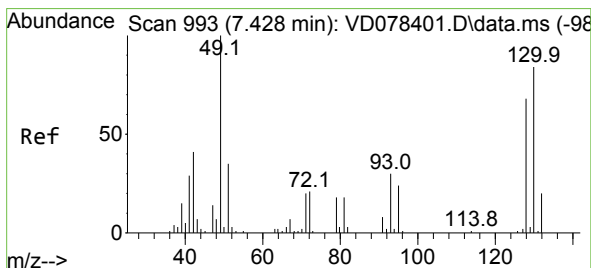
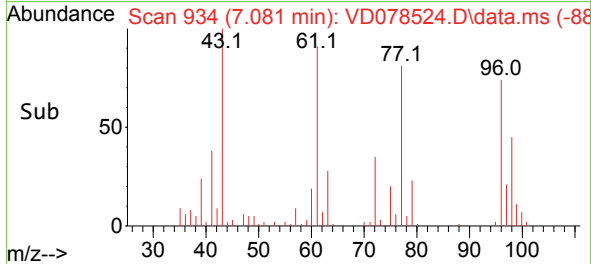
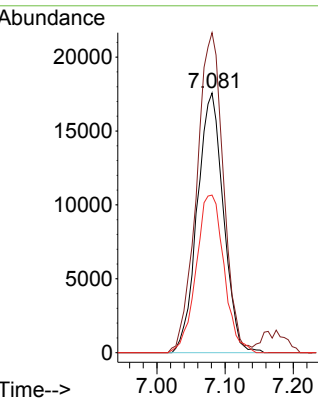
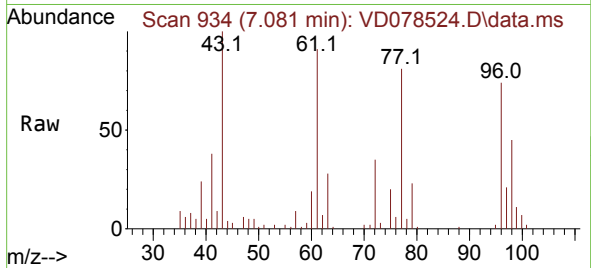
Tgt Ion: 96 Resp: 46860

Ion Ratio Lower Upper

96 100

61 126.1 0.0 239.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 64.106 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

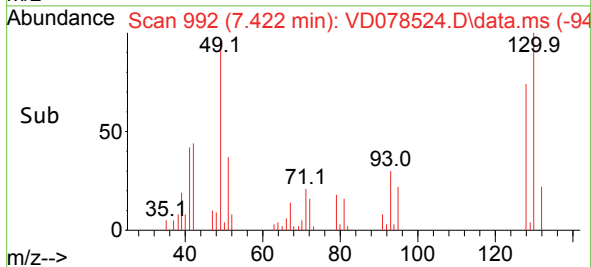
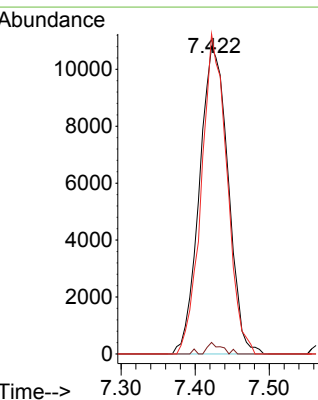
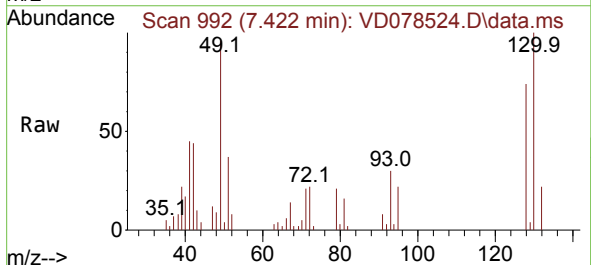
Tgt Ion: 49 Resp: 29032

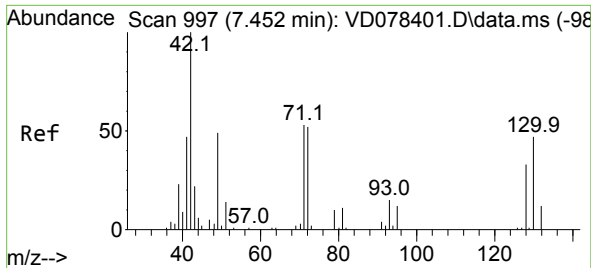
Ion Ratio Lower Upper

49 100

129 1.8 0.0 6.0

130 92.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 443.117 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078524.D

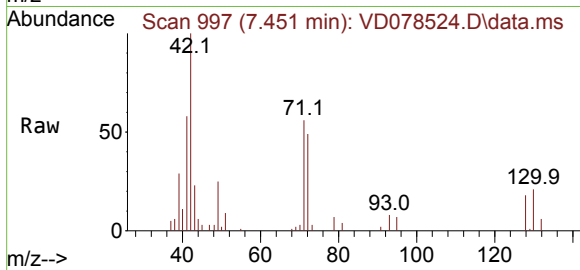
Acq: 22 Feb 2024 18:22

Instrument :

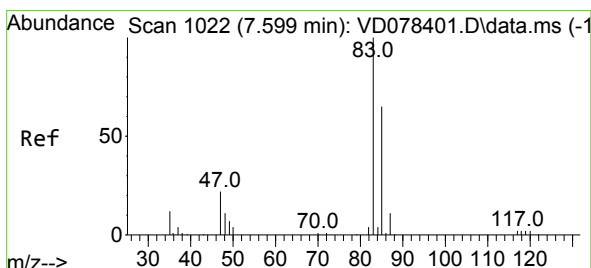
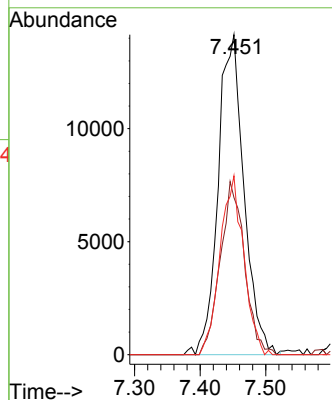
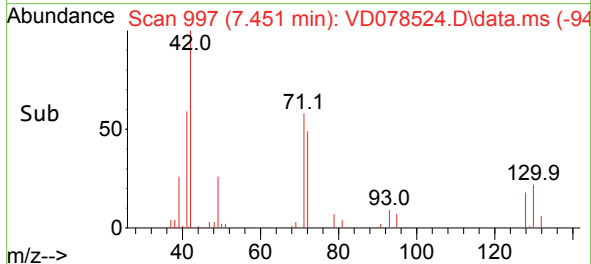
MSVOA_D

ClientSampleId :

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Tgt Ion:	42	Resp:	38745
Ion Ratio	Lower	Upper	
42	100		
72	50.8	46.5	69.7
71	51.3	44.5	66.7



#30

Chloroform

Concen: 67.367 ug/l

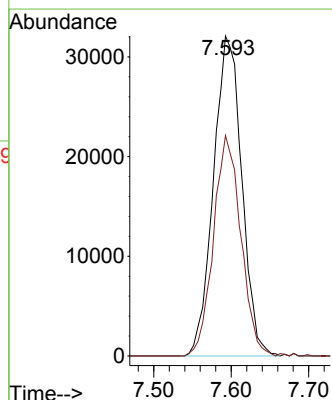
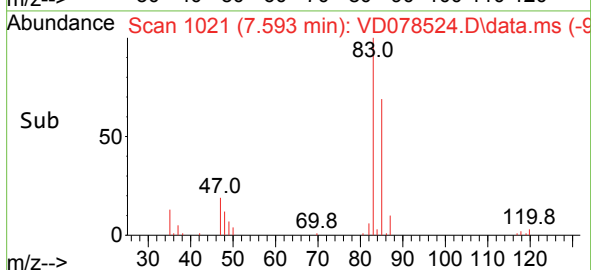
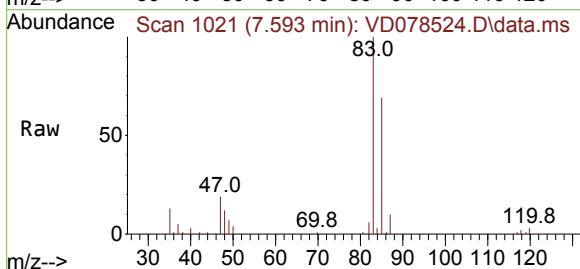
RT: 7.593 min Scan# 1021

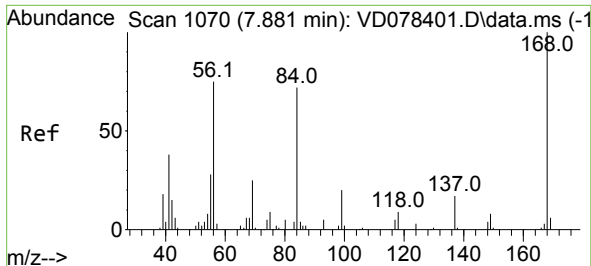
Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion:	83	Resp:	81498
Ion Ratio	Lower	Upper	
83	100		
85	68.9	53.4	80.2

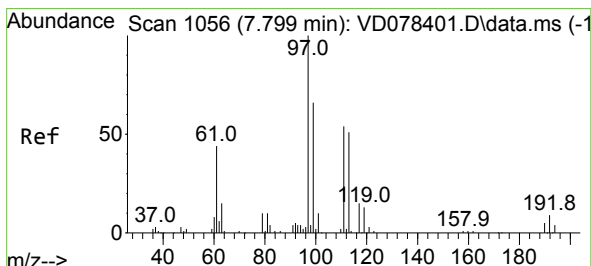
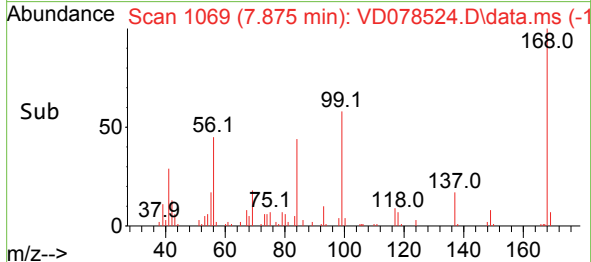
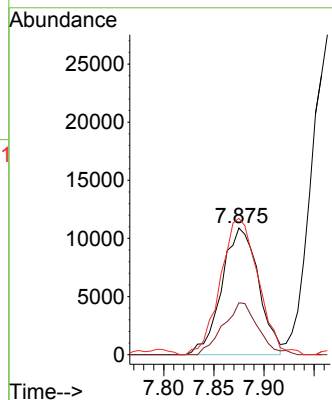
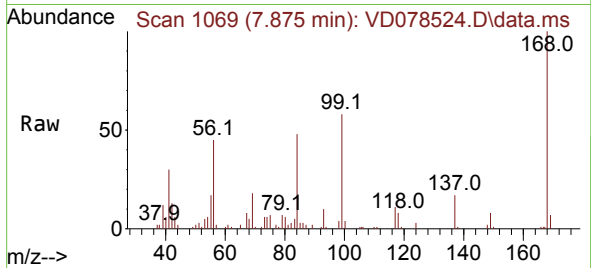




#31
Cyclohexane
Concen: 28.062 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

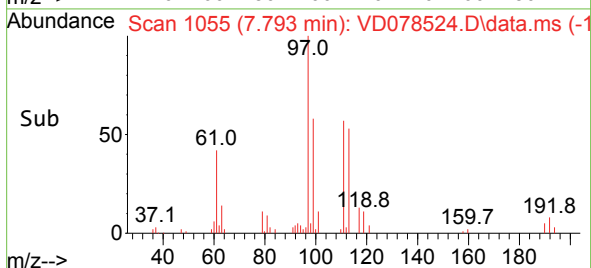
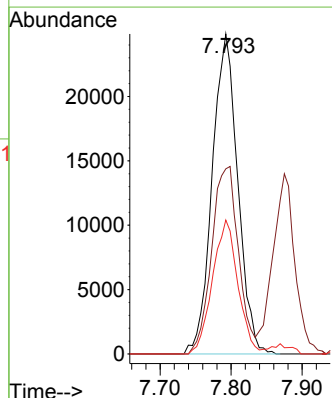
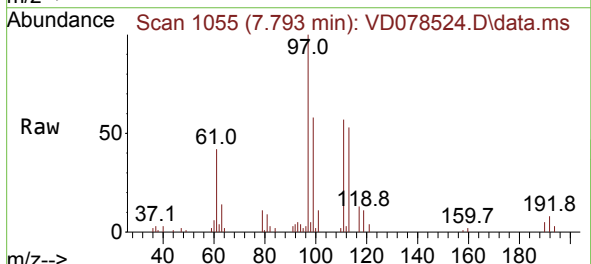
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

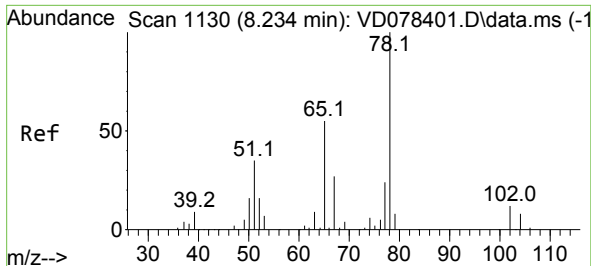
Tgt Ion: 56 Resp: 27910
Ion Ratio Lower Upper
56 100
69 40.9 28.6 43.0
84 107.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 60.198 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 97 Resp: 62090
Ion Ratio Lower Upper
97 100
99 61.6 52.0 78.0
61 41.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 72.709 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

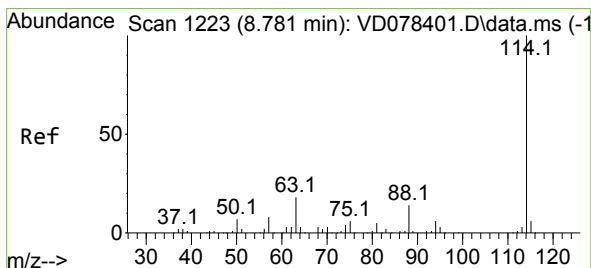
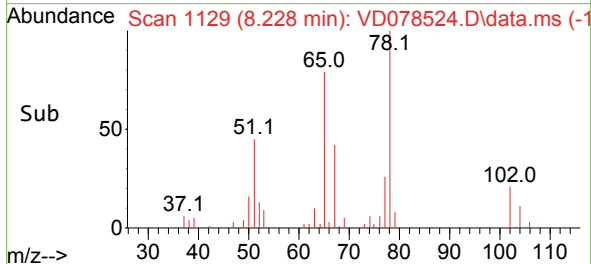
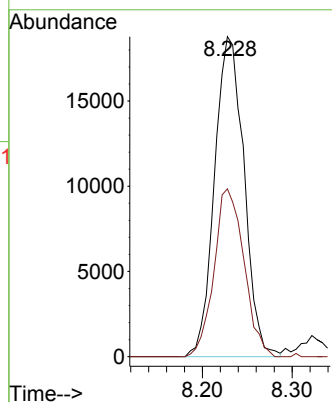
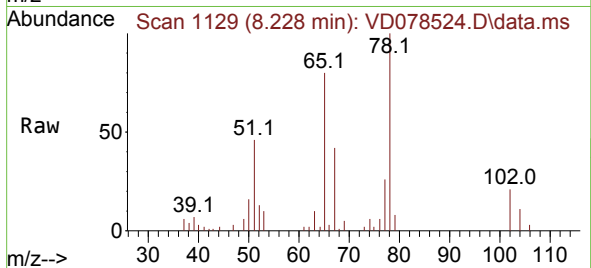
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 65 Resp: 42749

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

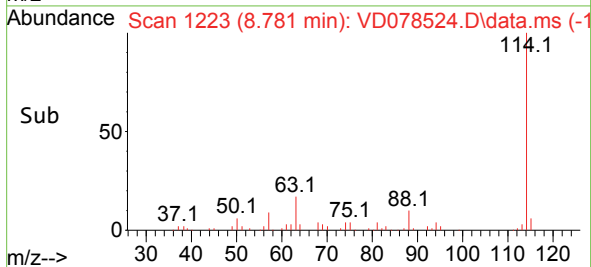
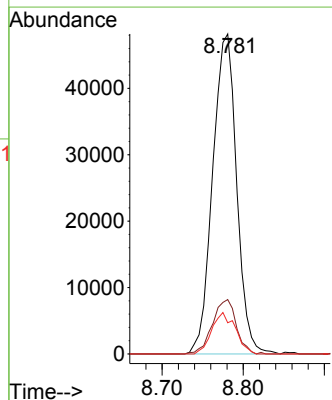
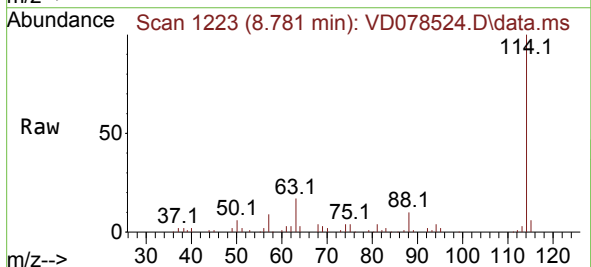
Tgt Ion: 114 Resp: 98931

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 9.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 66.870 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

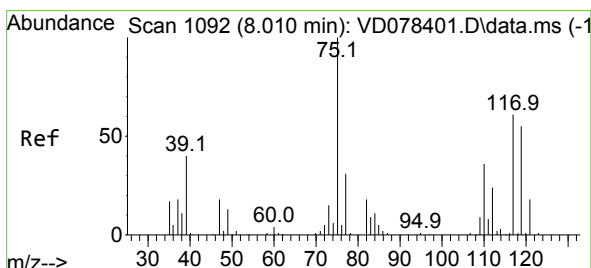
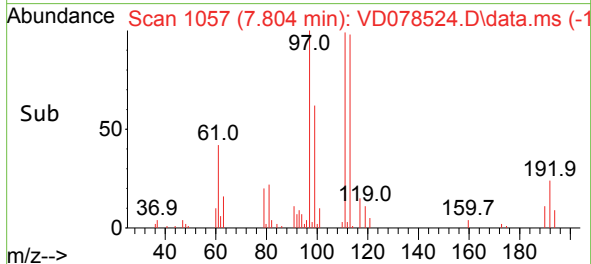
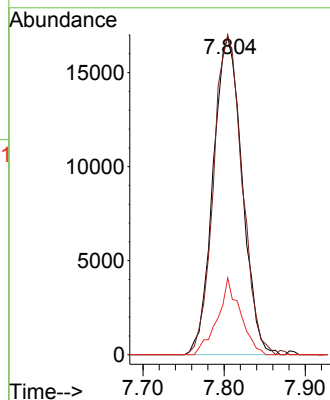
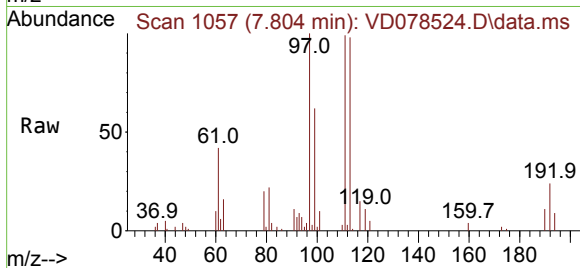
Tgt Ion:113 Resp: 42023

Ion Ratio Lower Upper

113 100

111 99.4 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 45.989 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

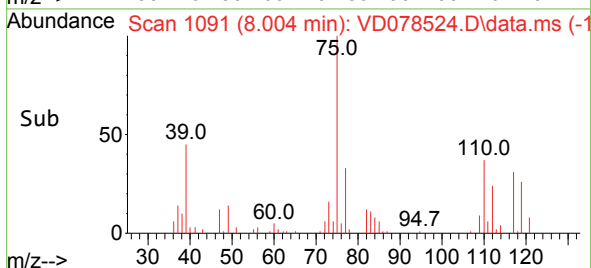
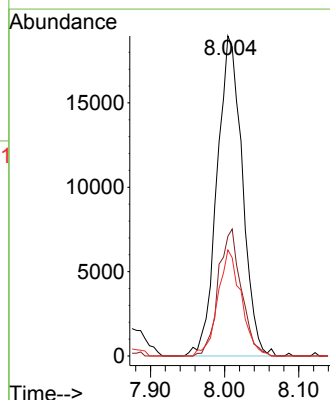
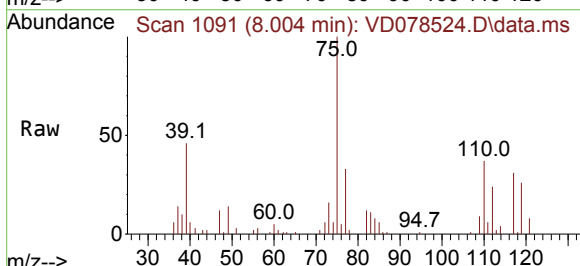
Tgt Ion: 75 Resp: 44897

Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 70.265 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD078524.D

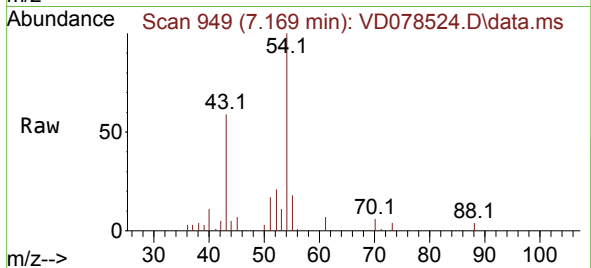
Acq: 22 Feb 2024 18:22

Instrument :

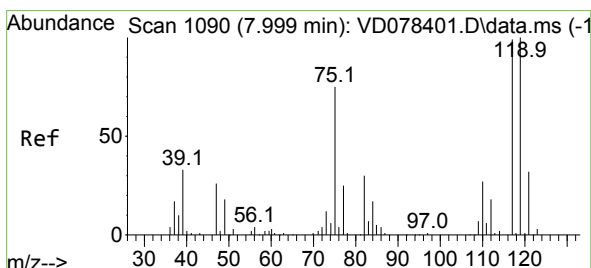
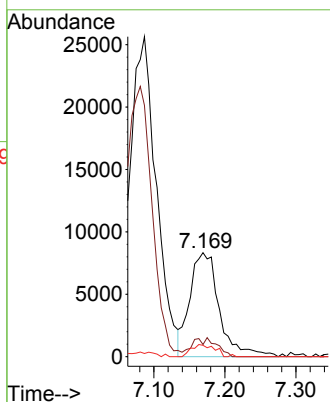
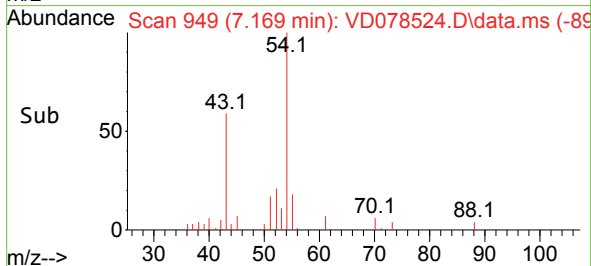
MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:	43	Resp:	24046
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.9	22.3#
70	9.2	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 20.098 ug/l

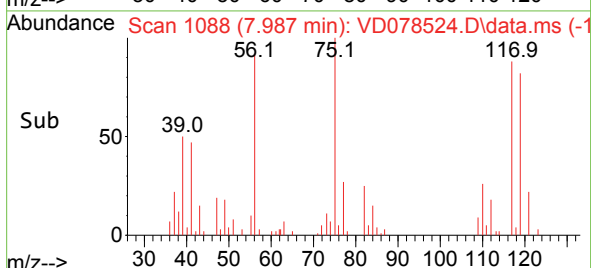
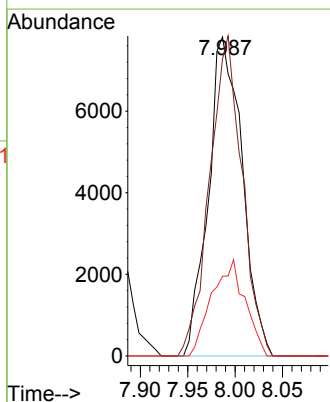
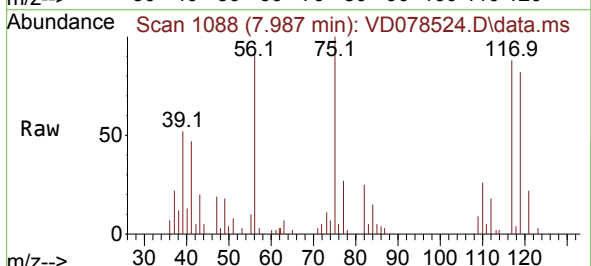
RT: 7.987 min Scan# 1088

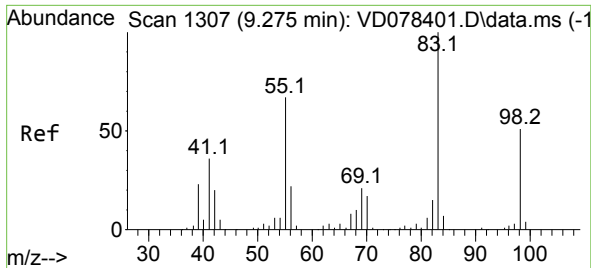
Delta R.T. -0.012 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion:	117	Resp:	19431
Ion Ratio	Lower	Upper	
117	100		
119	93.1	78.0	117.0
121	25.0	24.2	36.2

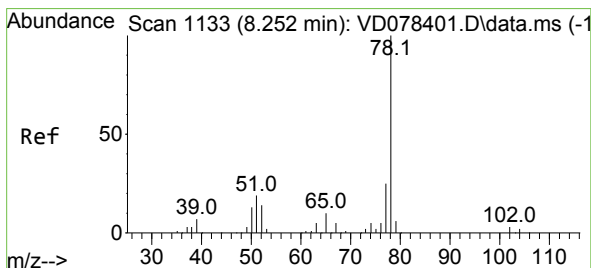
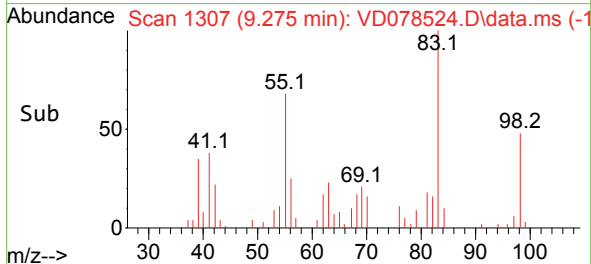
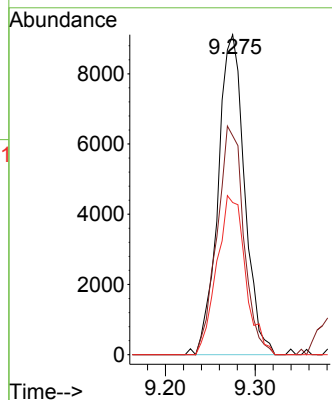
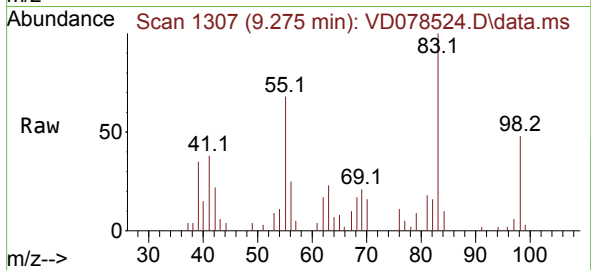




#39
Methylcyclohexane
Concen: 16.155 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

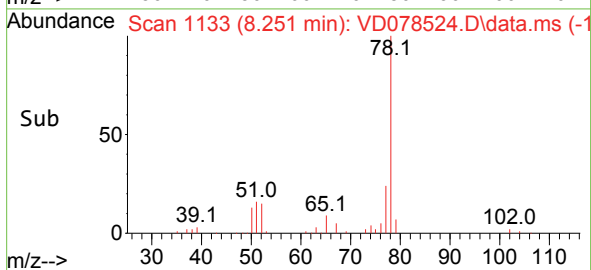
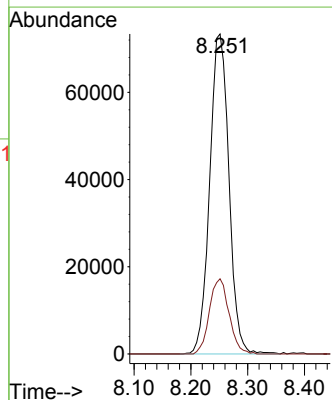
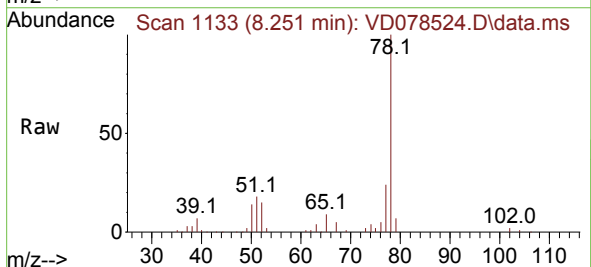
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

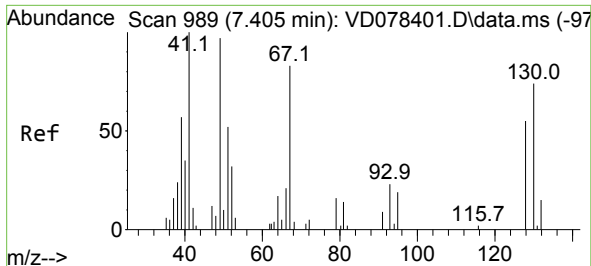
Tgt Ion	83	Resp	18723
Ion	Ratio	Lower	Upper
83	100		
55	68.4	49.4	74.0
98	47.5	38.4	57.6



#40
Benzene
Concen: 61.034 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion	78	Resp	172226
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0

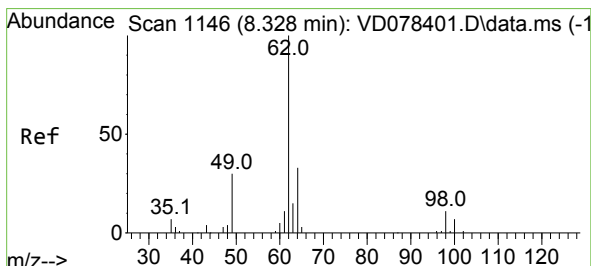
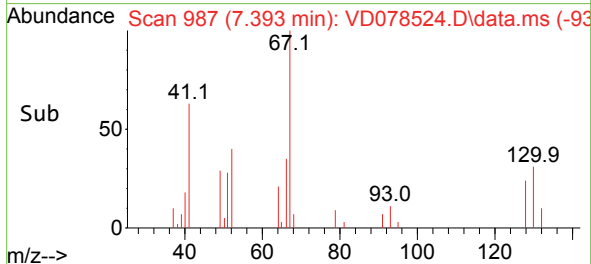
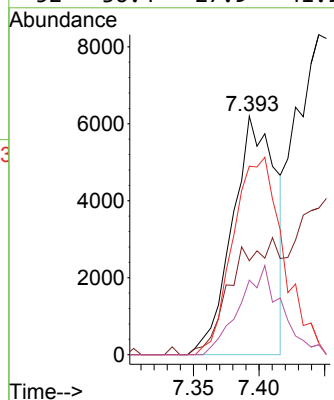
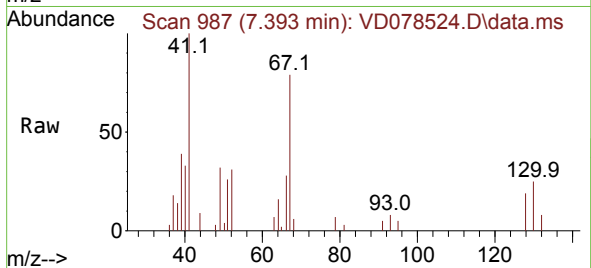




#41
Methacrylonitrile
Concen: 79.920 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

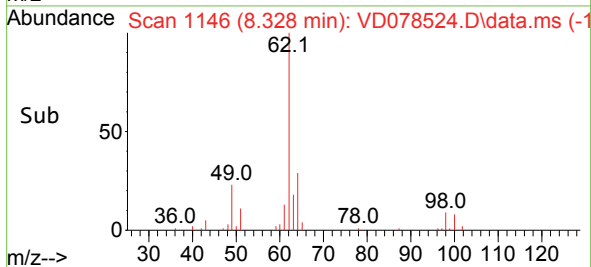
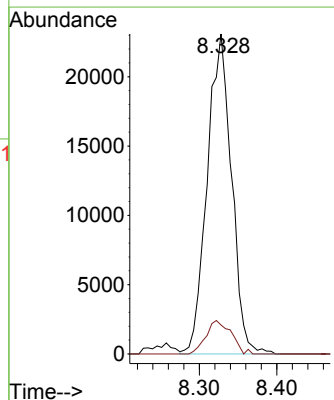
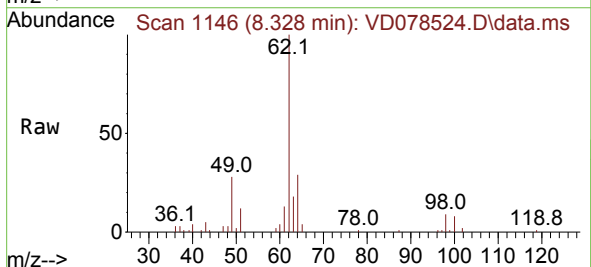
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

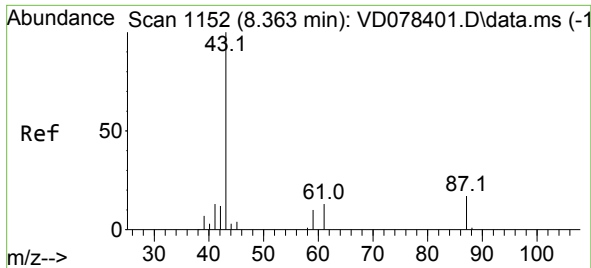
Tgt Ion:	41	Resp:	14234
Ion	Ratio	Lower	Upper
41	100		
39	53.0	34.0	51.0#
67	95.7	77.0	115.4
52	36.4	27.9	41.9



#42
1,2-Dichloroethane
Concen: 69.009 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	62	Resp:	50386
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	25.4

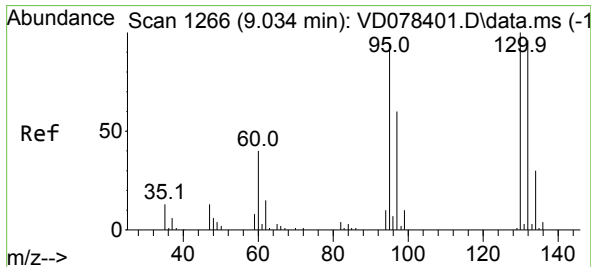
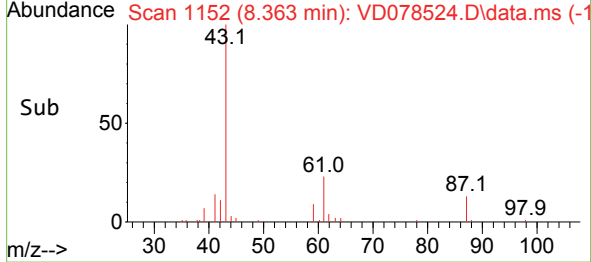
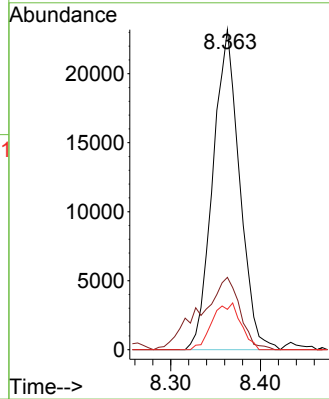
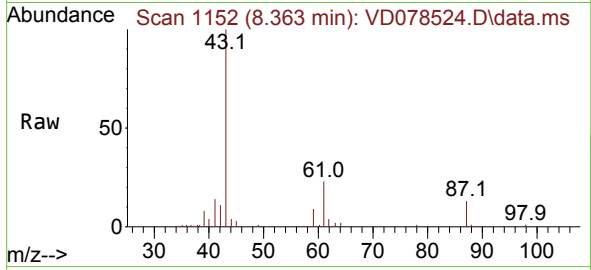




#43
Isopropyl Acetate
Concen: 75.595 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

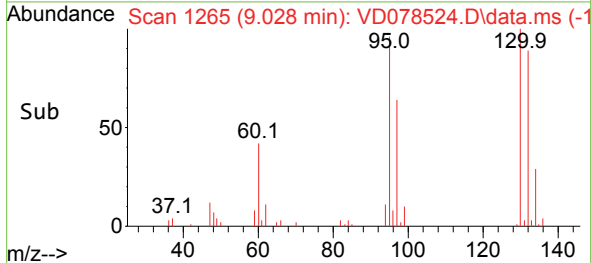
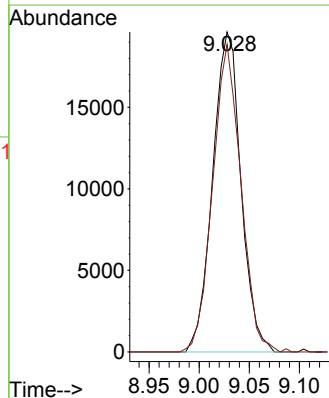
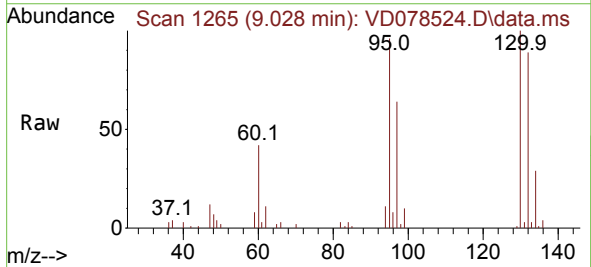
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

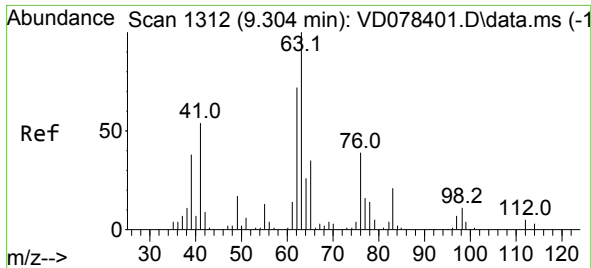
Tgt Ion:	43	Resp:	47905
Ion	Ratio	Lower	Upper
43	100		
61	33.8	31.4	47.0
87	15.6	14.9	22.3



#44
Trichloroethene
Concen: 53.449 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	130	Resp:	38477
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	179.2

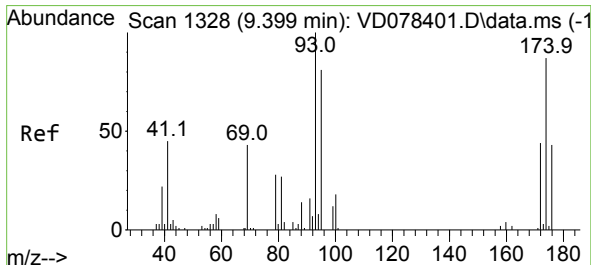
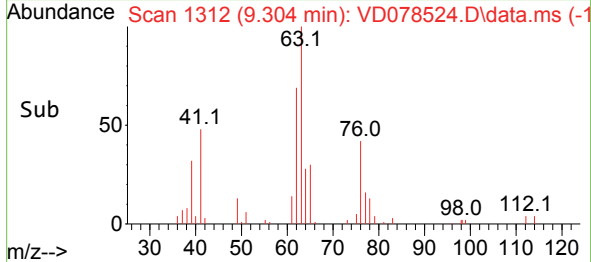
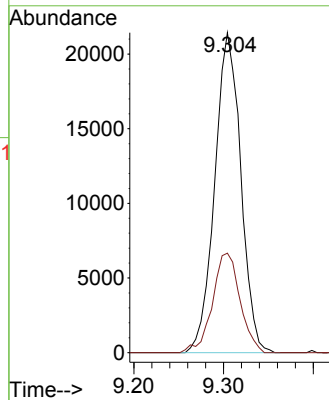
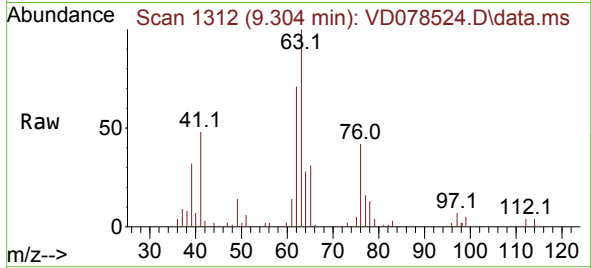




#45
1,2-Dichloropropane
Concen: 62.381 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

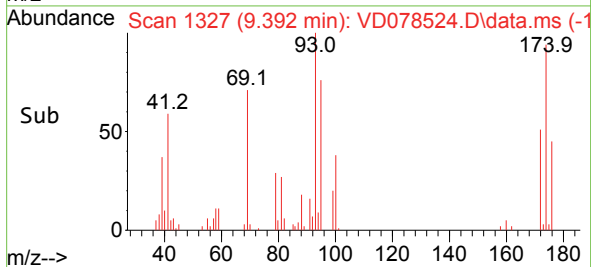
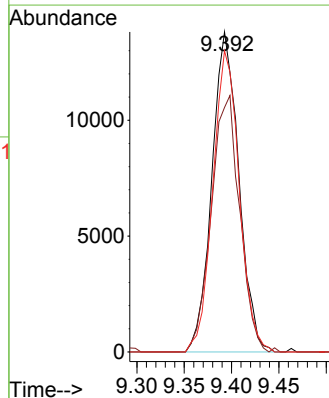
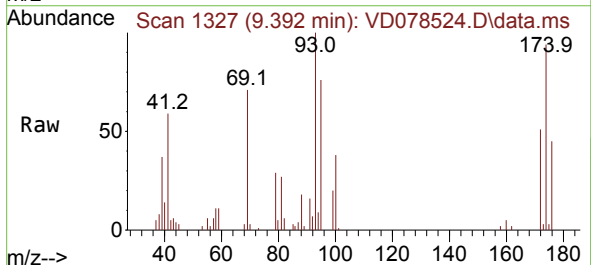
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

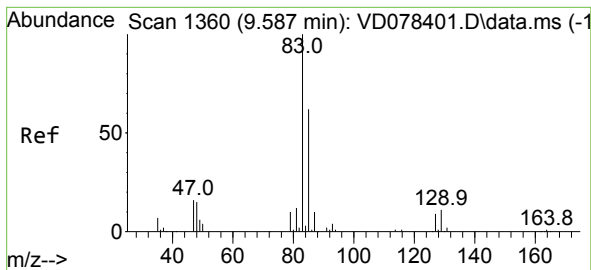
Tgt Ion: 63 Resp: 43189
Ion Ratio Lower Upper
63 100
65 31.1 24.5 36.7



#46
Dibromomethane
Concen: 70.256 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 93 Resp: 27359
Ion Ratio Lower Upper
93 100
95 84.5 67.7 101.5
174 92.7 85.4 128.2





#47

Bromodichloromethane

Concen: 60.882 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

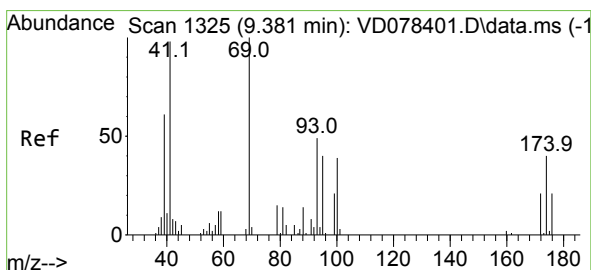
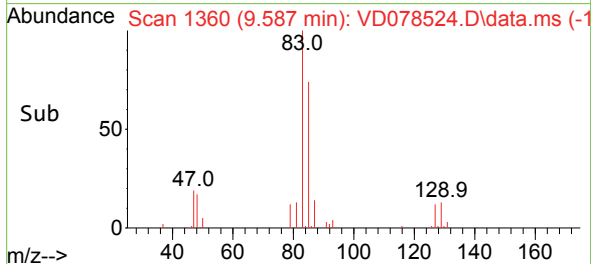
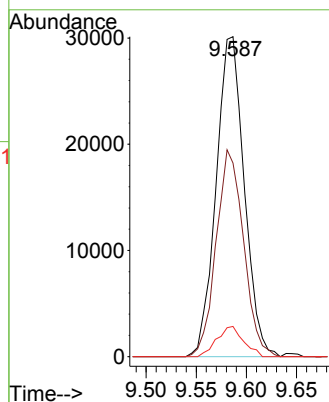
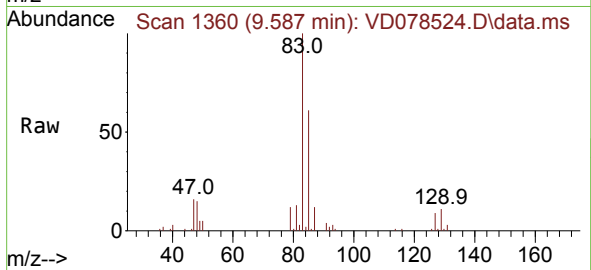
Tgt Ion: 83 Resp: 58723

Ion Ratio Lower Upper

83 100

85 60.5 50.2 75.4

127 9.5 6.3 9.5



#48

Methyl methacrylate

Concen: 83.211 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

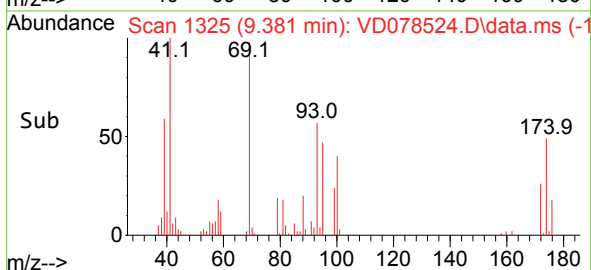
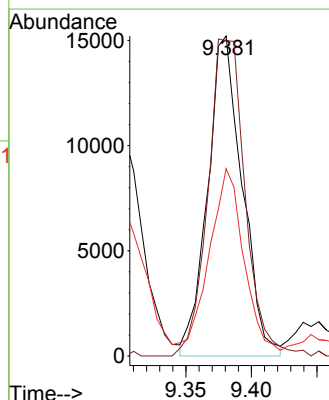
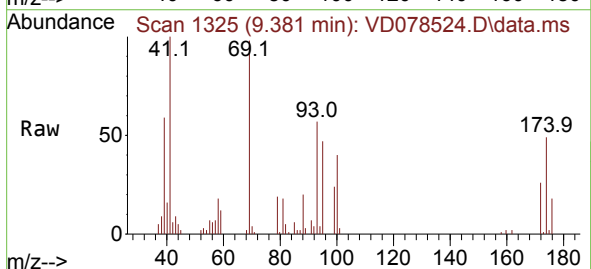
Tgt Ion: 41 Resp: 27976

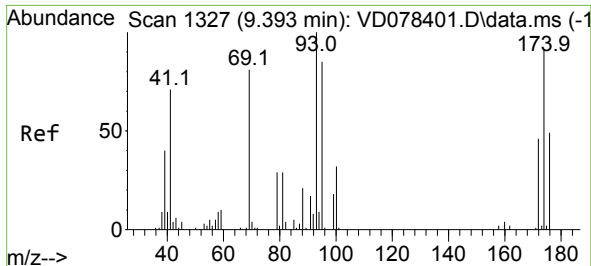
Ion Ratio Lower Upper

41 100

69 106.3 102.2 153.2

39 59.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1762.044 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078524.D

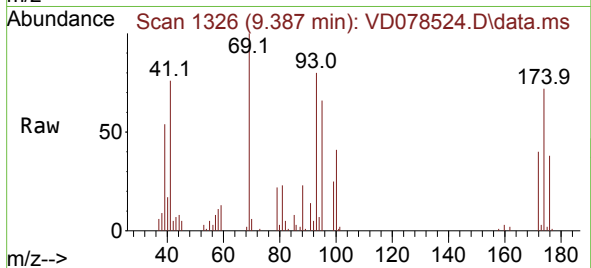
Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD



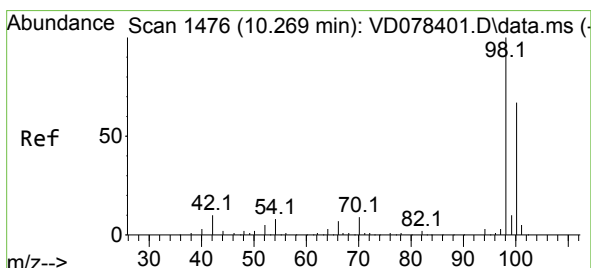
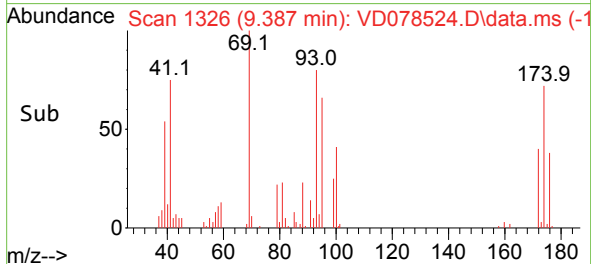
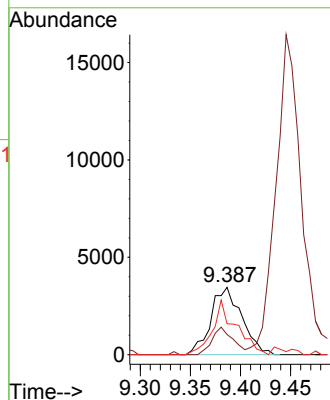
Tgt Ion: 88 Resp: 7431

Ion Ratio Lower Upper

88 100

43 27.6 19.0 28.6

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 53.535 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078524.D

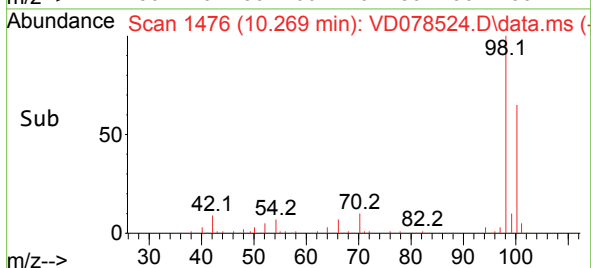
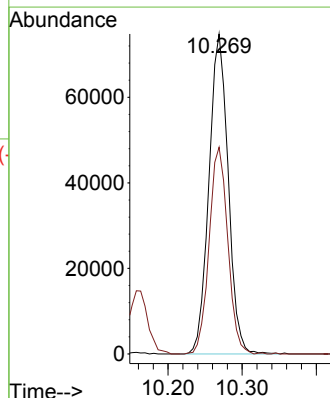
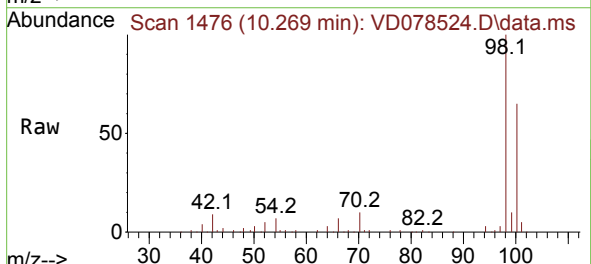
Acq: 22 Feb 2024 18:22

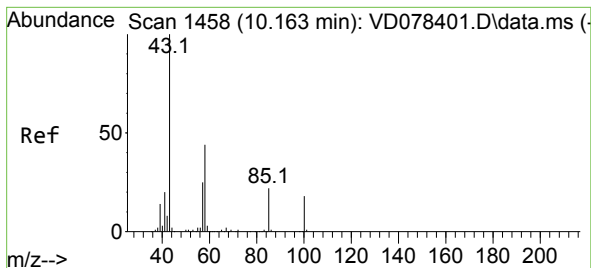
Tgt Ion: 98 Resp: 134581

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

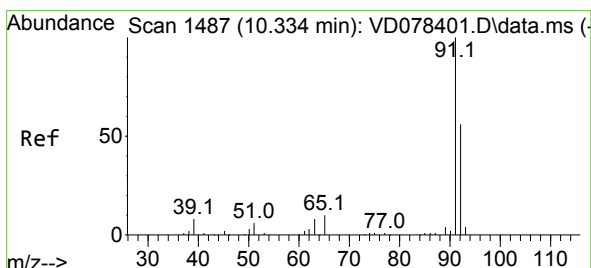
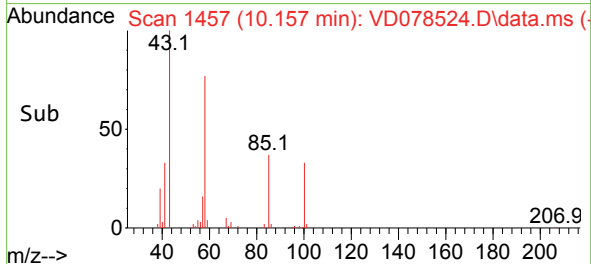
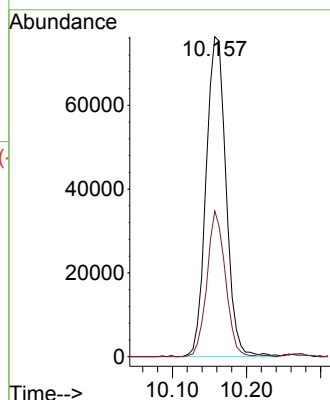
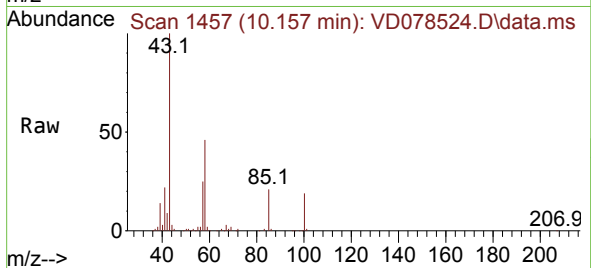




#51
4-Methyl-2-Pentanone
Concen: 424.985 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

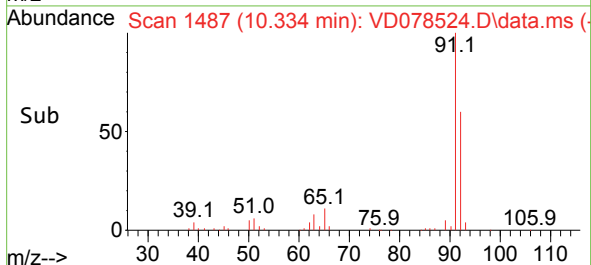
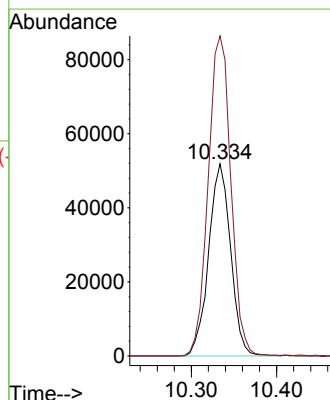
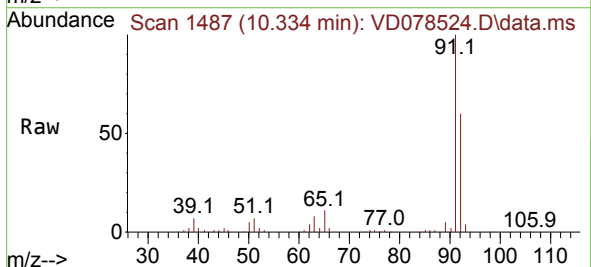
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

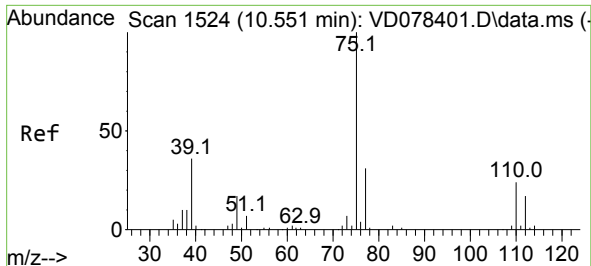
Tgt Ion: 43 Resp: 142939
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 52.009 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 92 Resp: 92808
Ion Ratio Lower Upper
92 100
91 172.3 143.0 214.4

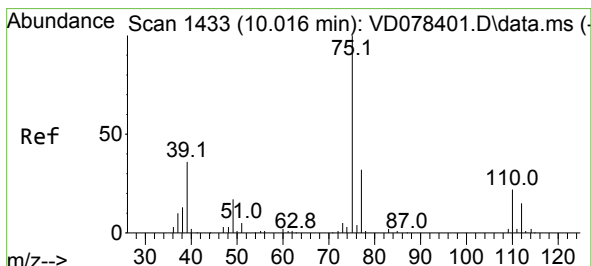
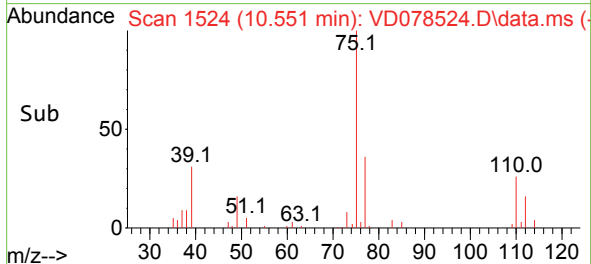
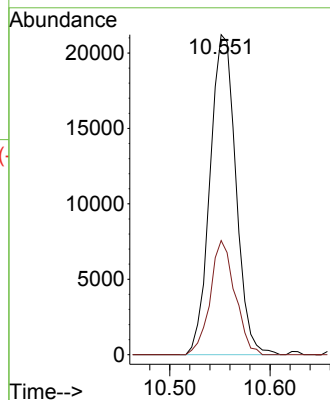
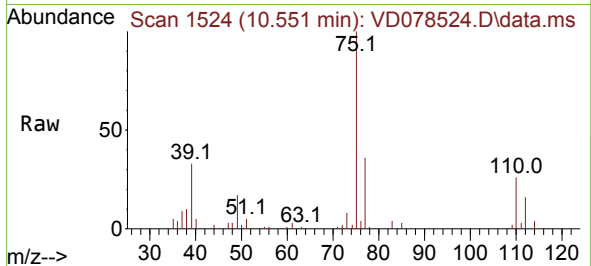




#53
t-1,3-Dichloropropene
Concen: 43.103 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

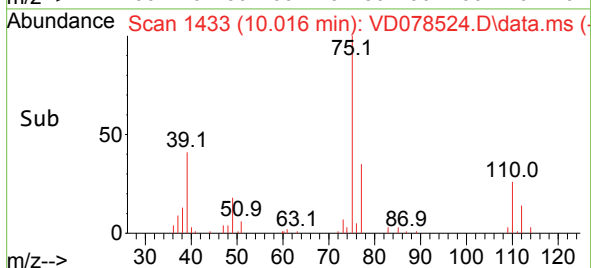
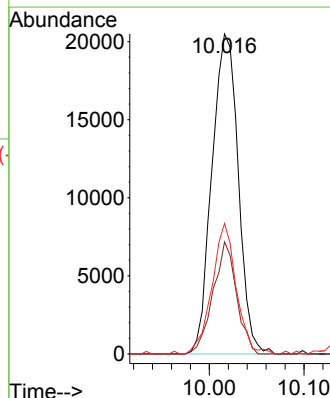
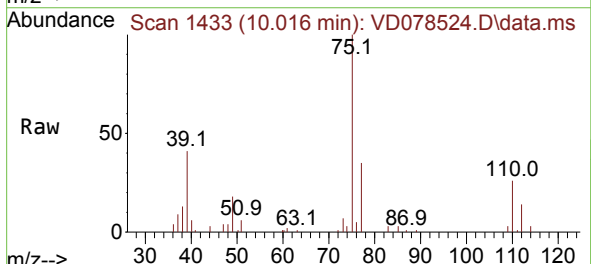
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

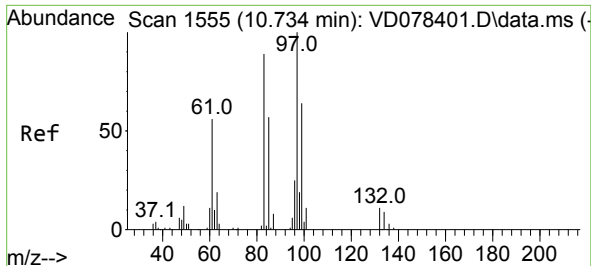
Tgt Ion: 75 Resp: 37935
Ion Ratio Lower Upper
75 100
77 35.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 37.082 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 75 Resp: 39574
Ion Ratio Lower Upper
75 100
77 35.0 25.5 38.3
39 40.8 22.1 33.1#

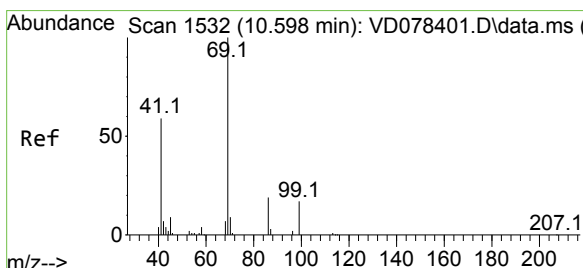
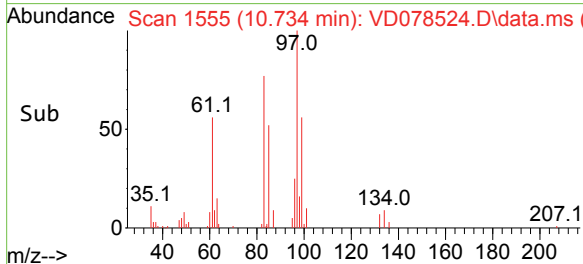
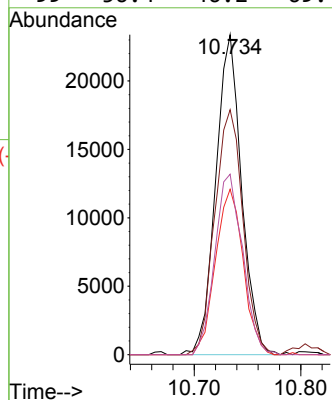
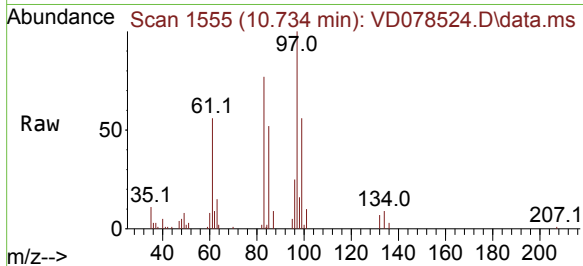




#55
1,1,2-Trichloroethane
Concen: 75.238 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

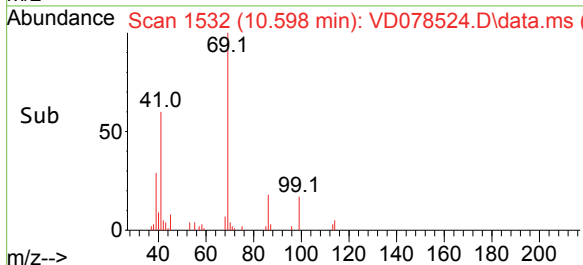
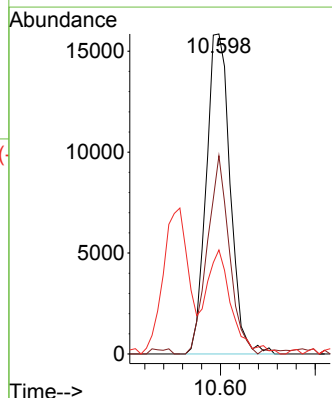
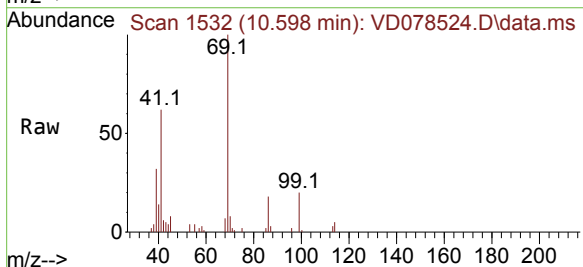
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

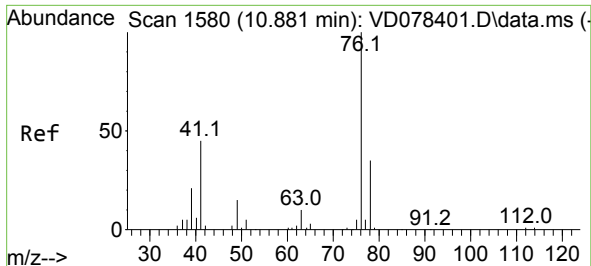
Tgt Ion:	97	Resp:	39457
Ion	Ratio	Lower	Upper
97	100		
83	76.6	65.8	98.6
85	51.7	45.7	68.5
99	56.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 57.503 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	69	Resp:	27890
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.1	58.7
39	33.9	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 68.921 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

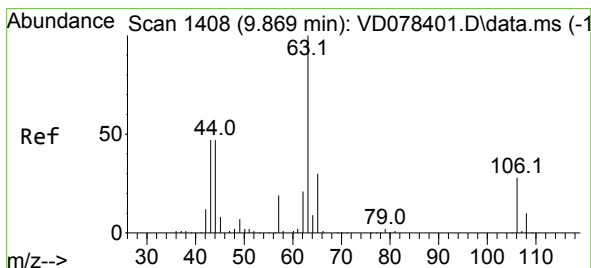
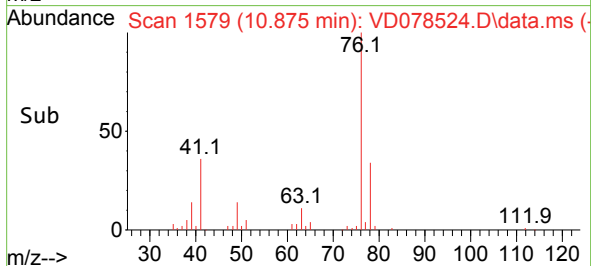
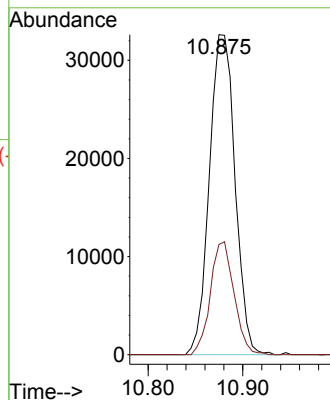
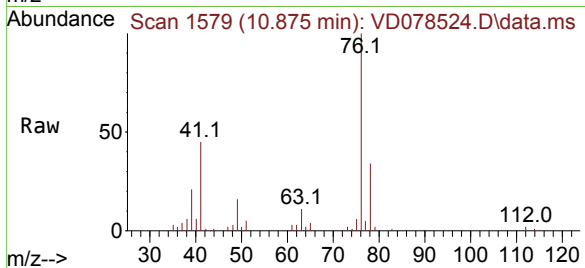
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 76 Resp: 61484

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 425.131 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078524.D

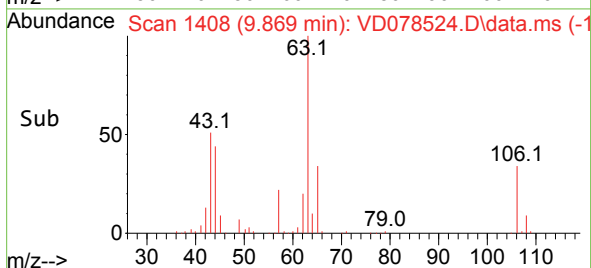
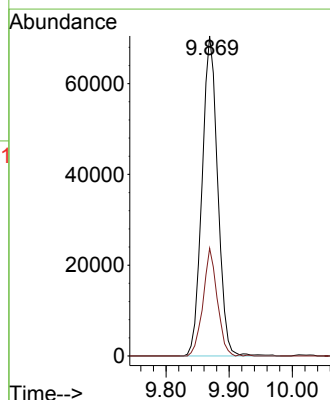
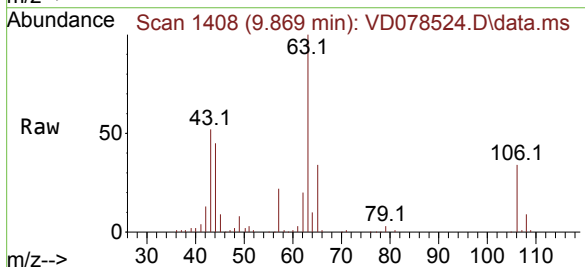
Acq: 22 Feb 2024 18:22

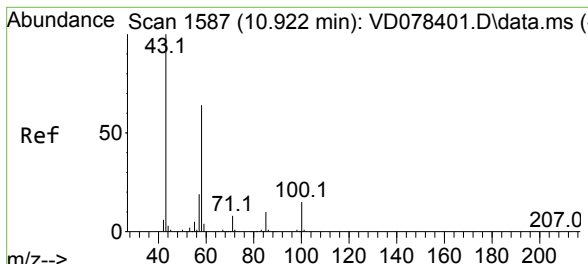
Tgt Ion: 63 Resp: 121459

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

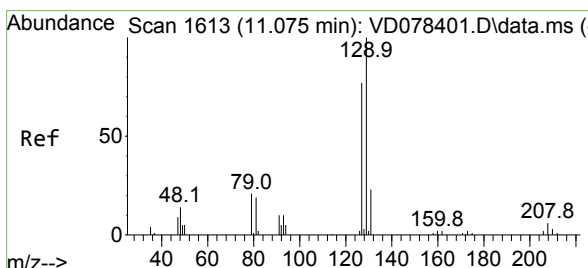
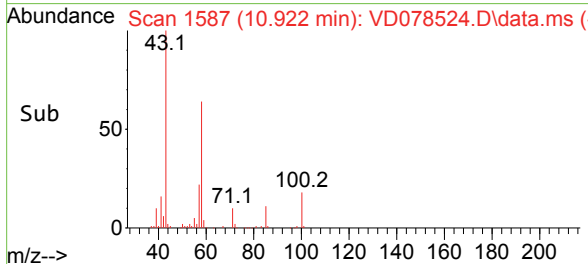
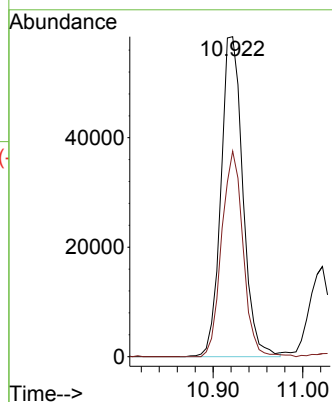
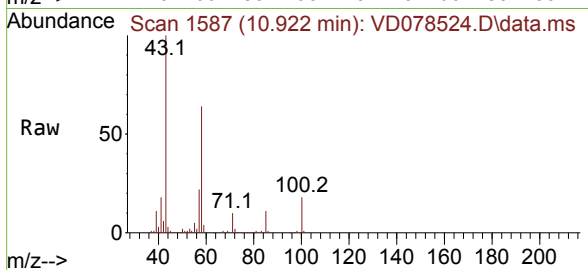




#59
2-Hexanone
Concen: 392.633 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

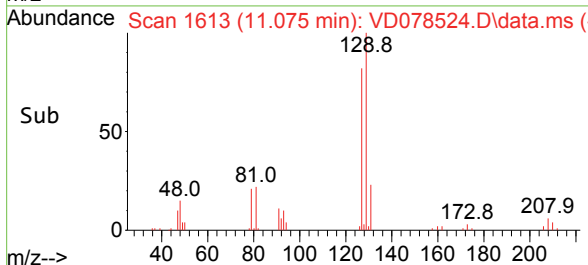
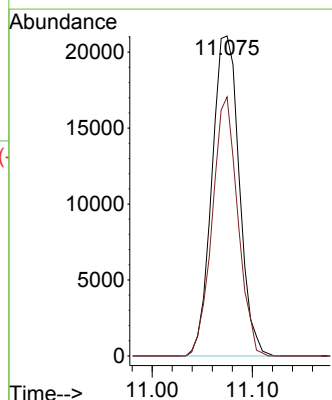
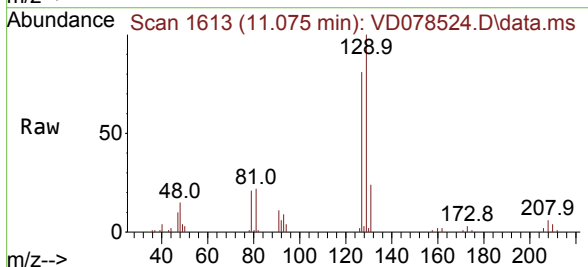
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

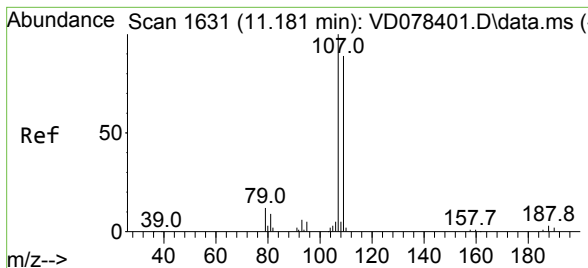
Tgt Ion:	43	Resp:	99243
Ion Ratio	Lower	Upper	
43	100		
58	62.5	34.1	102.2



#60
Dibromochloromethane
Concen: 63.256 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	129	Resp:	39913
Ion Ratio	Lower	Upper	
129	100		
127	75.4	37.1	111.5

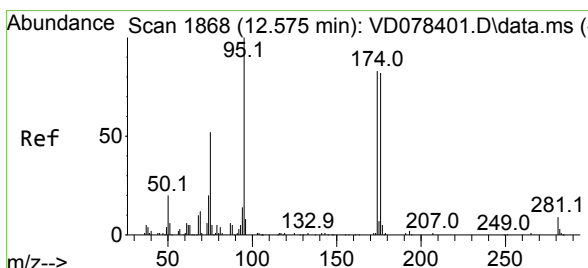
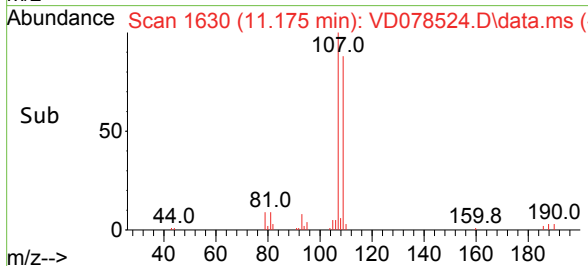
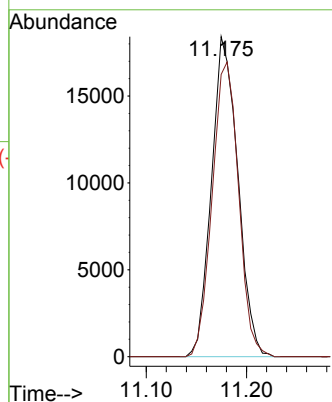
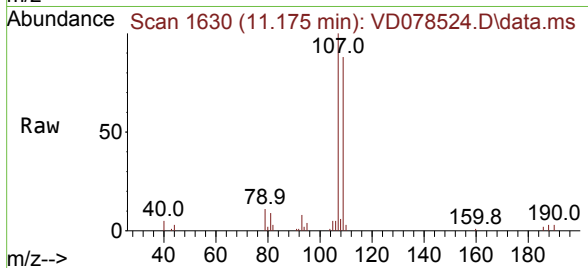




#61
1,2-Dibromoethane
Concen: 68.301 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

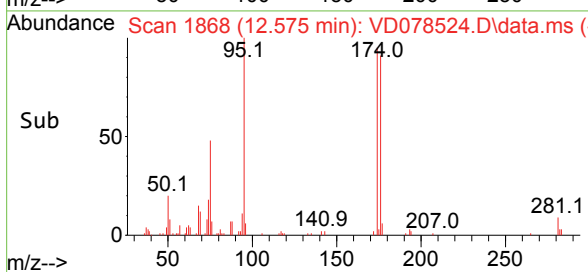
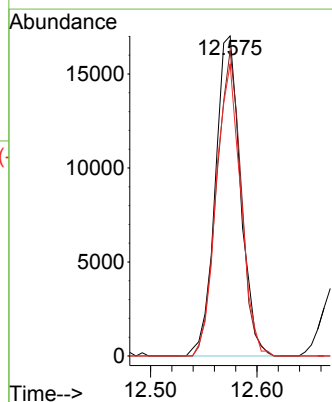
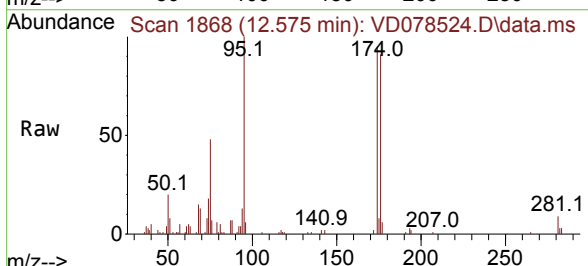
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

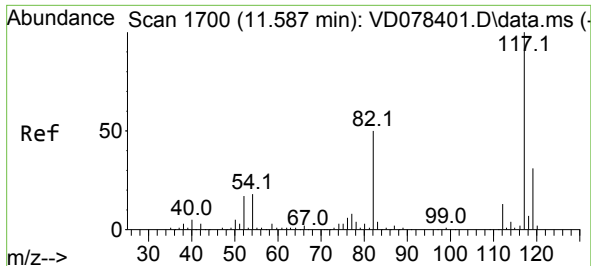
Tgt Ion:107 Resp: 33627
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 38.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 95 Resp: 27925
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 89.2 0.0 191.8

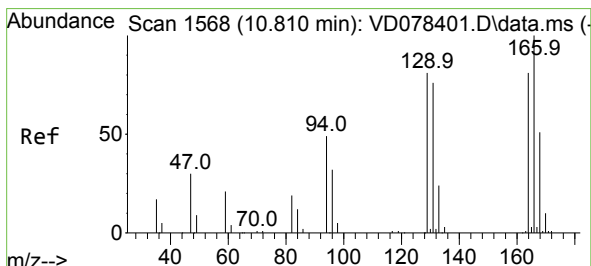
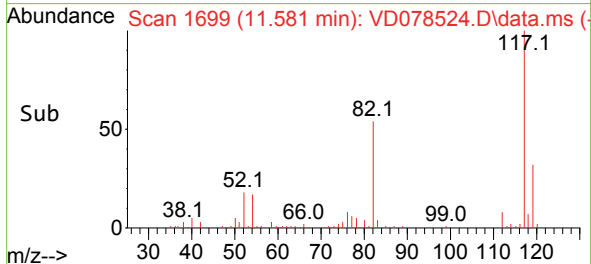
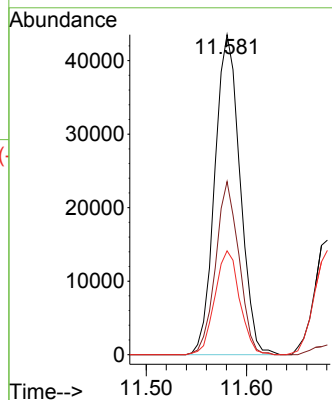
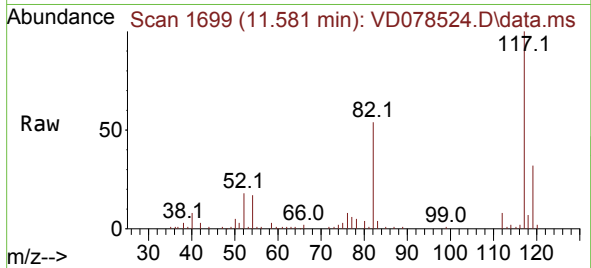




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

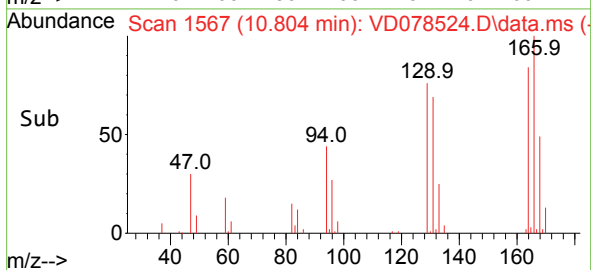
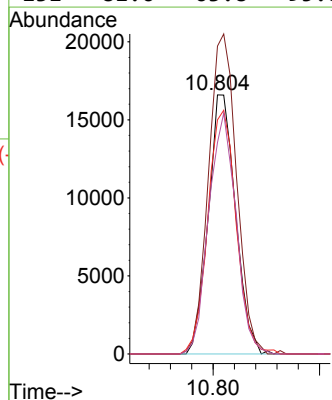
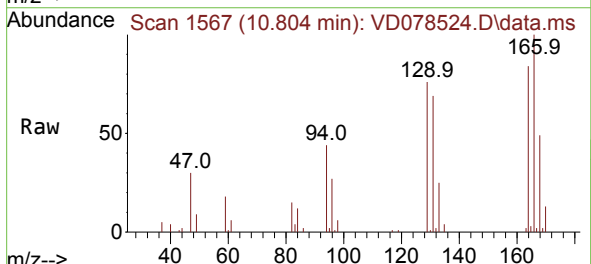
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

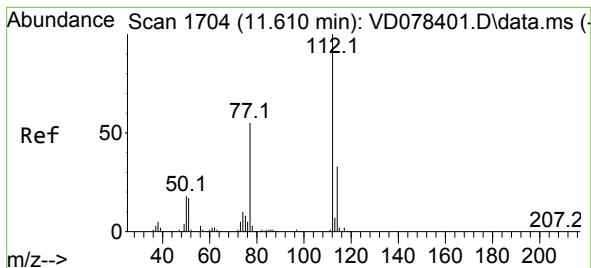
Tgt Ion:117 Resp: 76173
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 61.320 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:164 Resp: 29503
Ion Ratio Lower Upper
164 100
166 118.8 99.2 148.8
129 90.4 68.4 102.6
131 81.6 63.8 95.8





#65

Chlorobenzene

Concen: 55.963 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

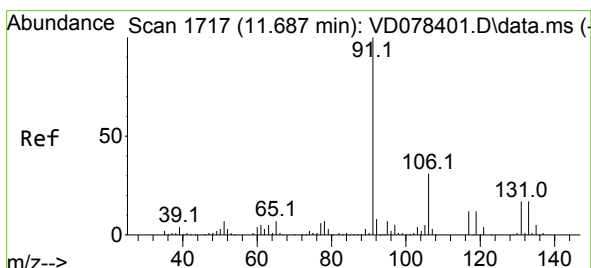
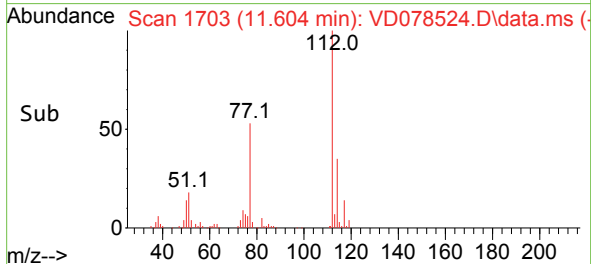
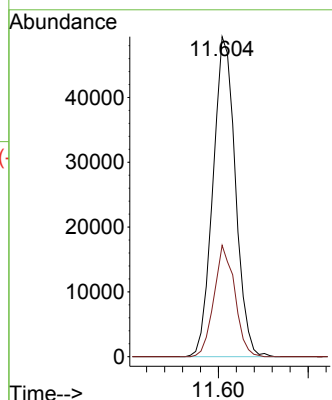
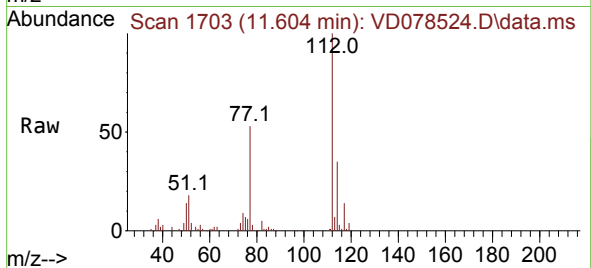
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:112 Resp: 85700

Ion Ratio Lower Upper

112 100

114 34.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 65.005 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

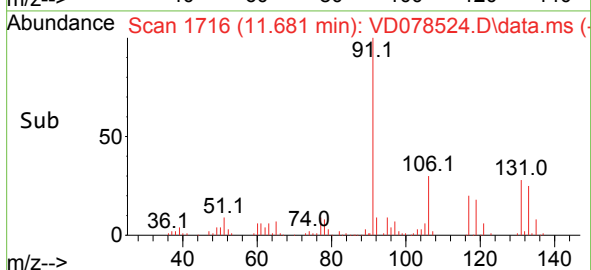
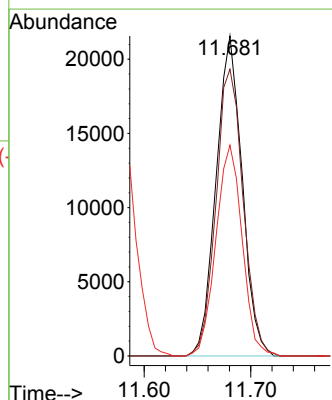
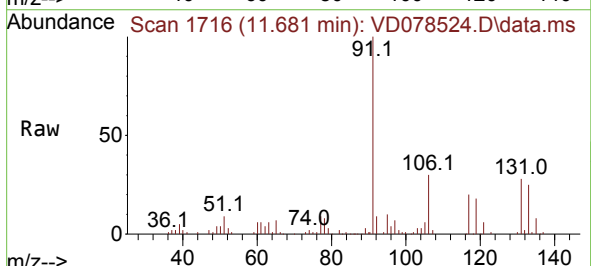
Tgt Ion:131 Resp: 36583

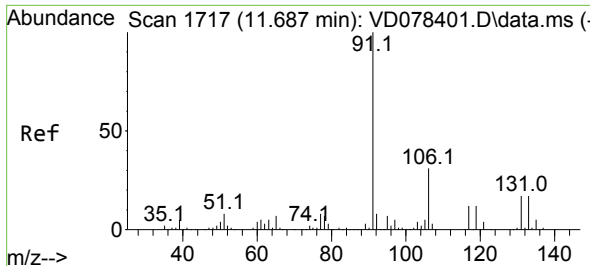
Ion Ratio Lower Upper

131 100

133 93.7 48.5 145.5

119 66.5 35.6 106.9

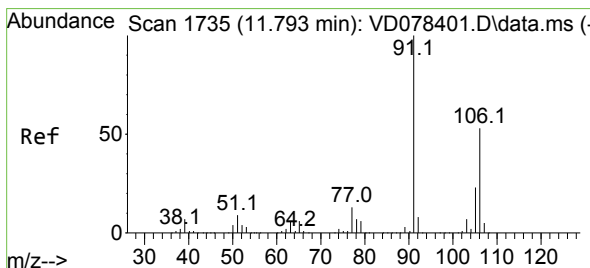
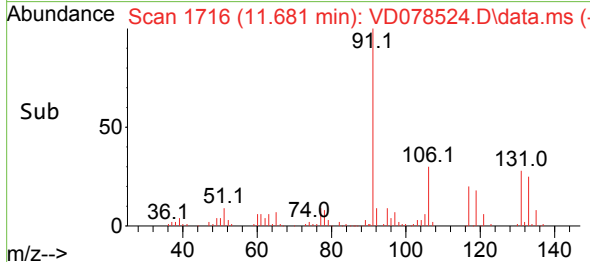
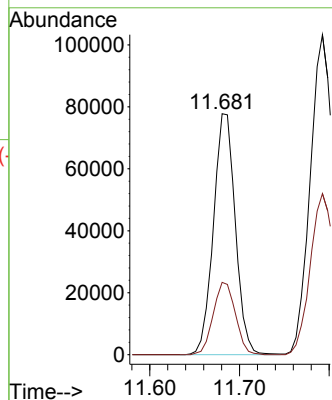
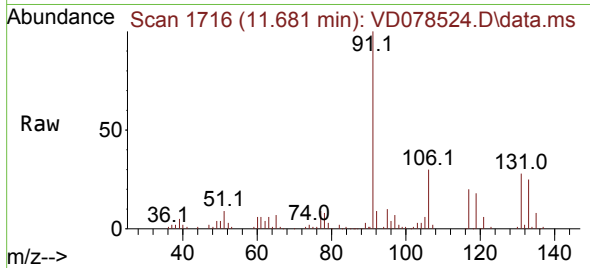




#67
Ethyl Benzene
Concen: 48.061 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

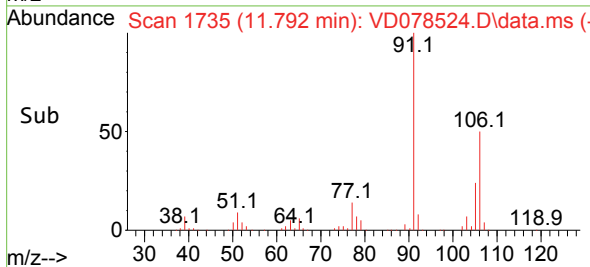
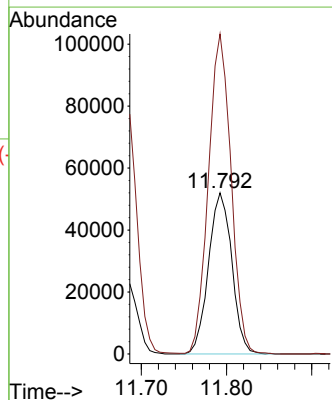
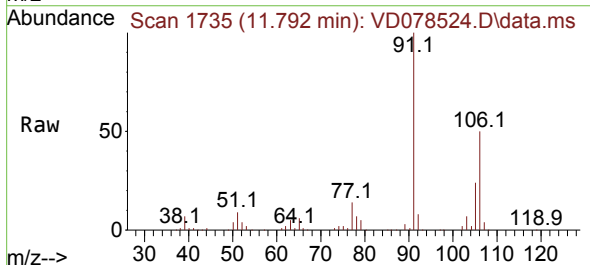
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

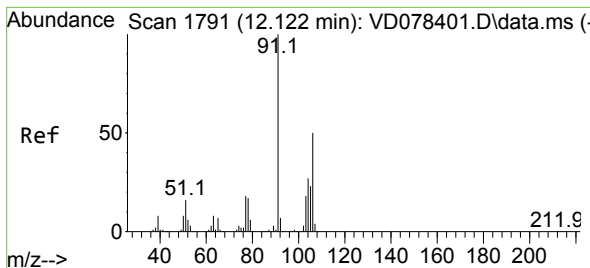
Tgt Ion: 91 Resp: 131871
Ion Ratio Lower Upper
91 100
106 30.0 26.5 39.7



#68
m/p-Xylenes
Concen: 92.391 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 106 Resp: 98884
Ion Ratio Lower Upper
106 100
91 192.9 147.0 220.6





#69

o-Xylene

Concen: 48.549 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

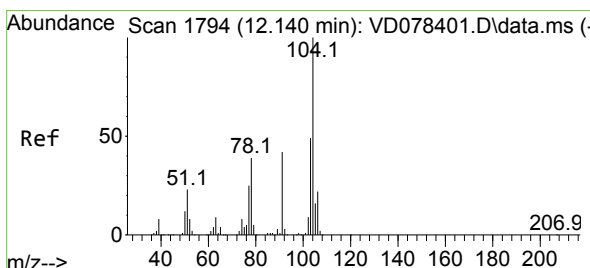
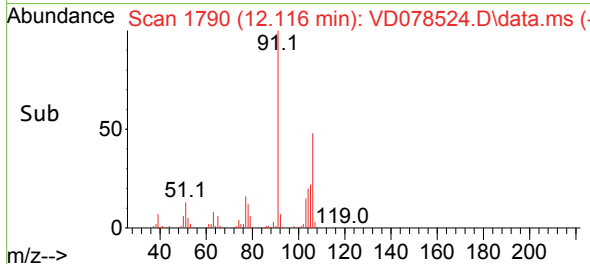
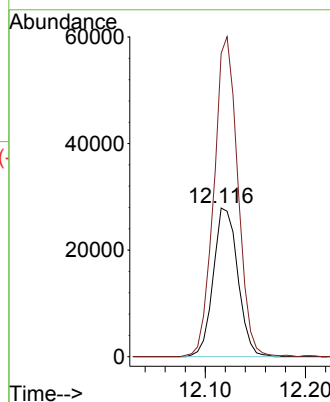
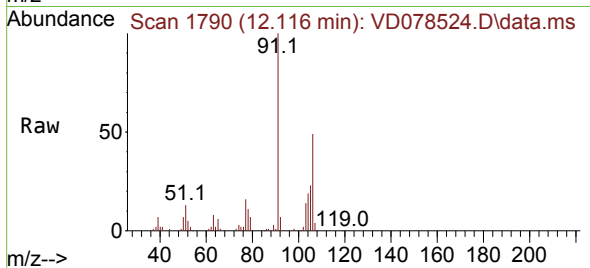
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:106 Resp: 47418

Ion Ratio Lower Upper

106 100

91 210.0 97.9 293.6



#70

Styrene

Concen: 44.647 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

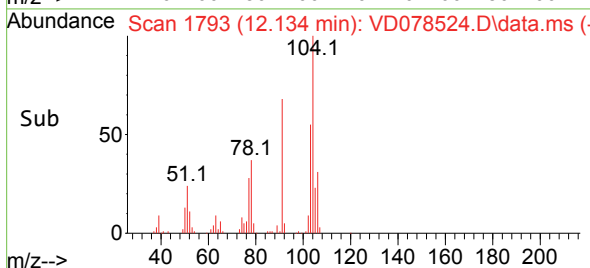
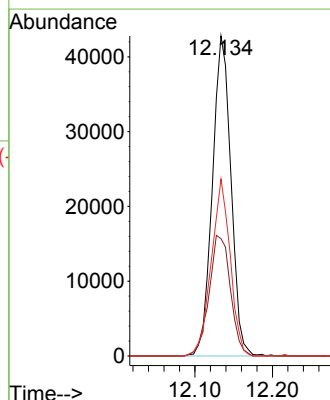
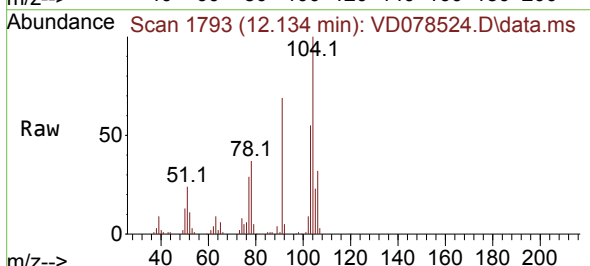
Tgt Ion:104 Resp: 71168

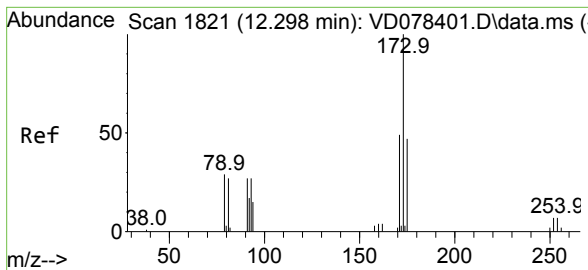
Ion Ratio Lower Upper

104 100

78 43.4 33.2 49.8

103 56.1 43.6 65.4

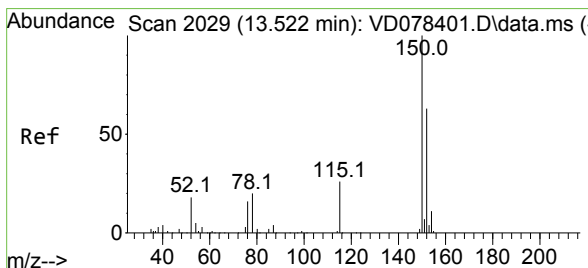
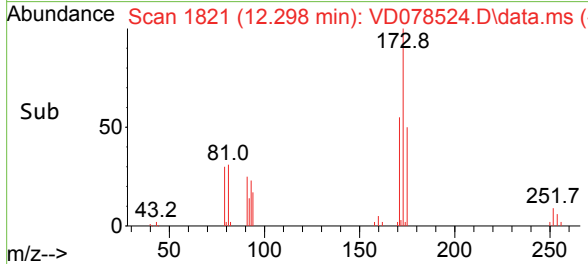
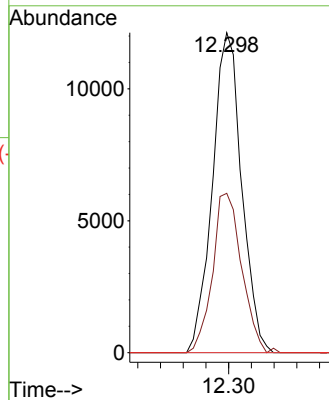
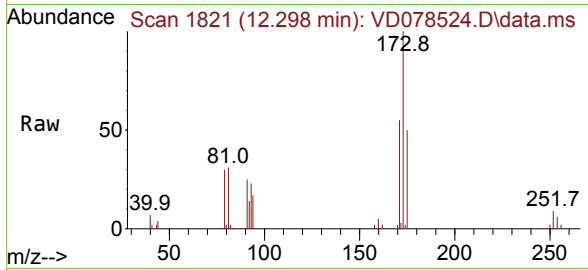




#71
Bromoform
Concen: 73.144 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

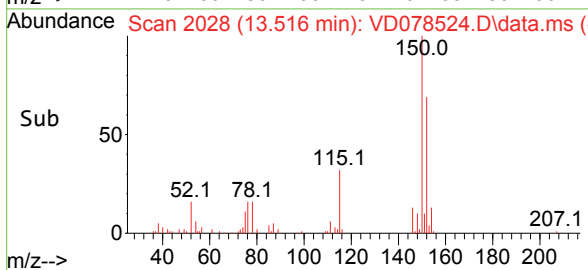
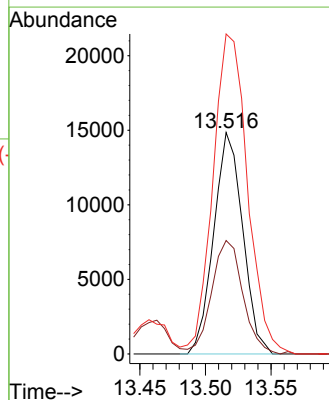
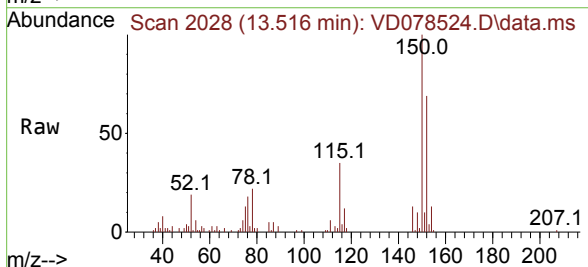
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

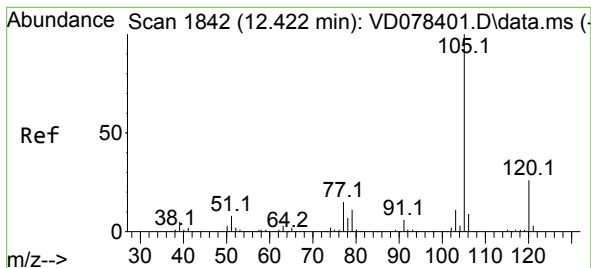
Tgt Ion:	173	Resp:	21666
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	152	Resp:	22820
Ion Ratio	Lower	Upper	
152	100		
115	55.1	27.1	81.3
150	172.5	0.0	353.6





#73

Isopropylbenzene

Concen: 58.095 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

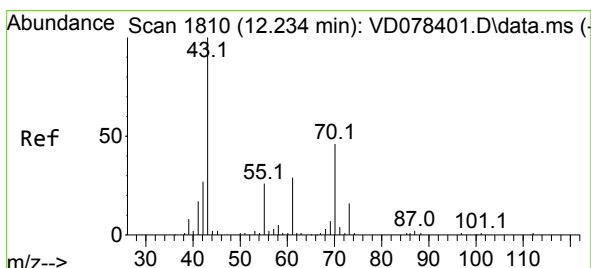
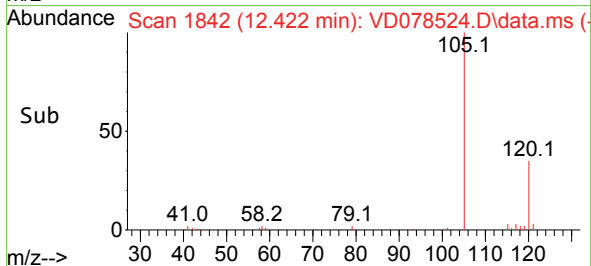
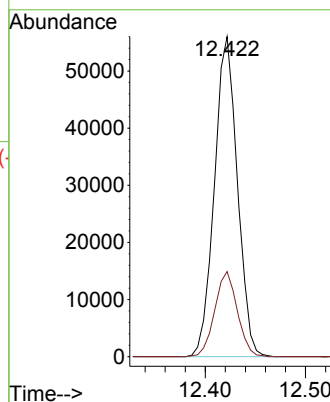
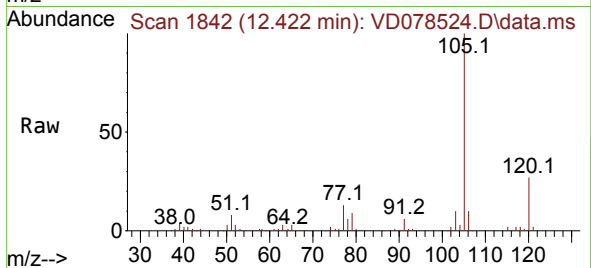
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:105 Resp: 89021

Ion Ratio Lower Upper

105 100

120 26.1 14.3 42.9



#74

N-ethyl acetate

Concen: 54.569 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion: 43 Resp: 15819

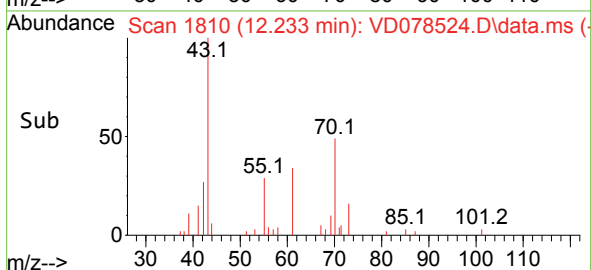
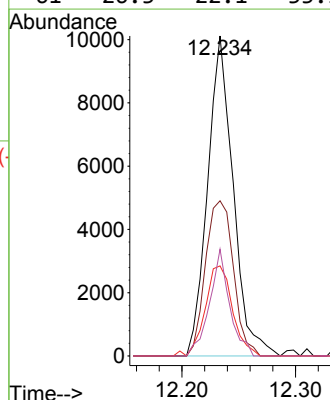
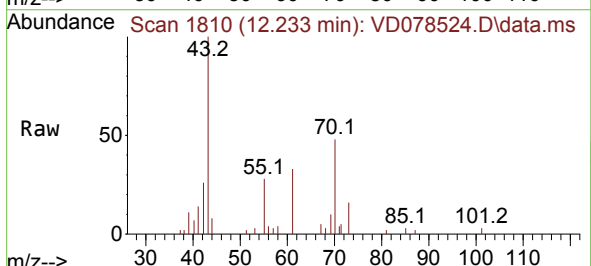
Ion Ratio Lower Upper

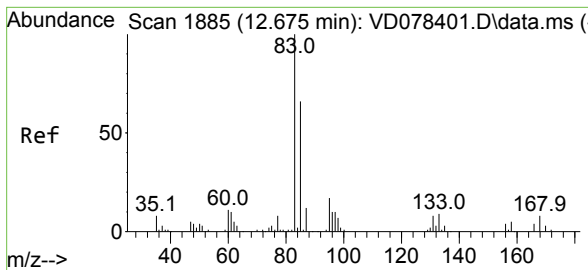
43 100

70 52.9 45.0 67.4

55 30.1 23.8 35.6

61 26.3 22.1 33.1

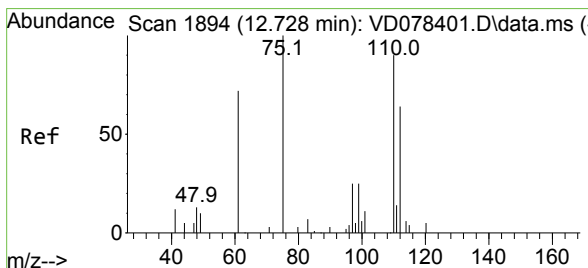
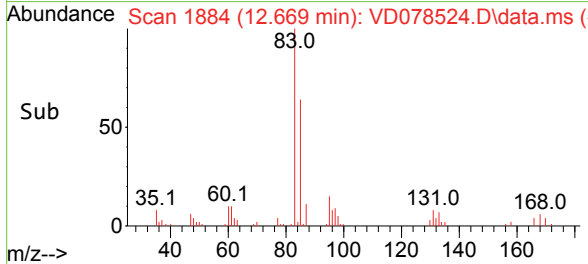
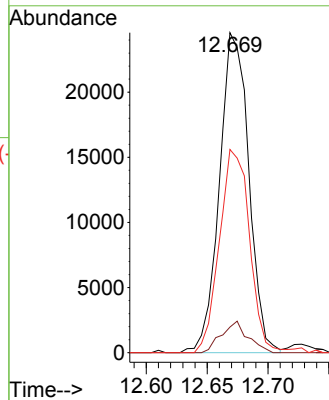
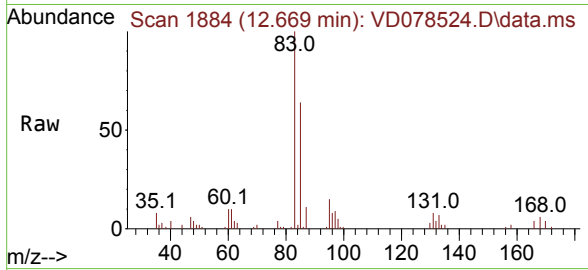




#75
1,1,2,2-Tetrachloroethane
Concen: 135.381 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

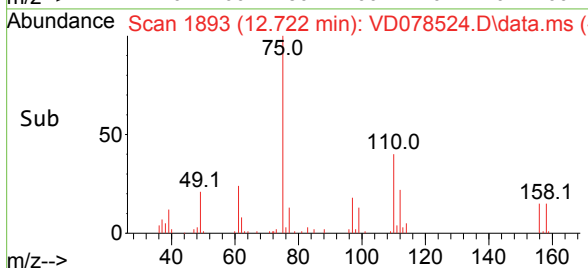
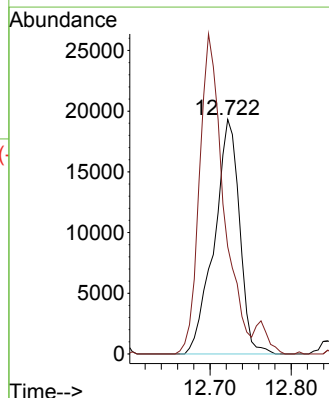
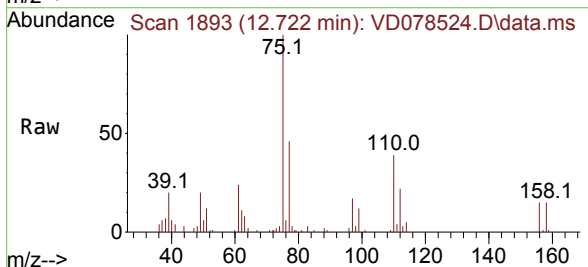
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

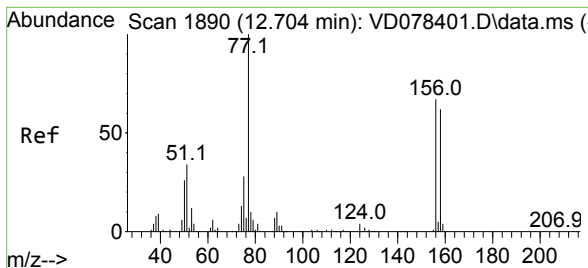
Tgt Ion: 83 Resp: 41151
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 65.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 216.182 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 75 Resp: 41882
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 79.879 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

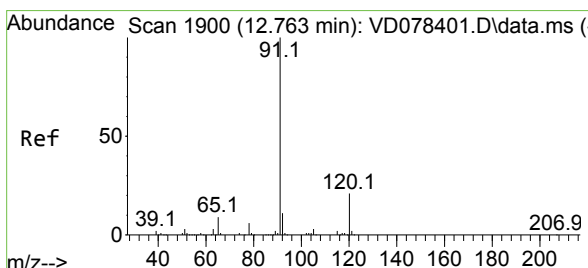
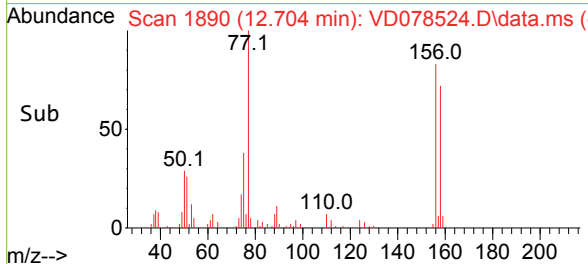
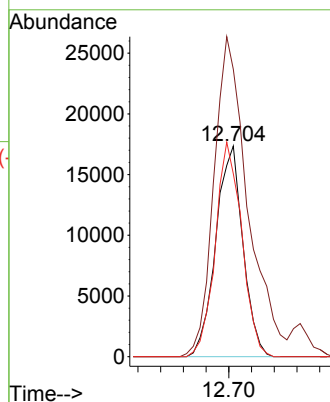
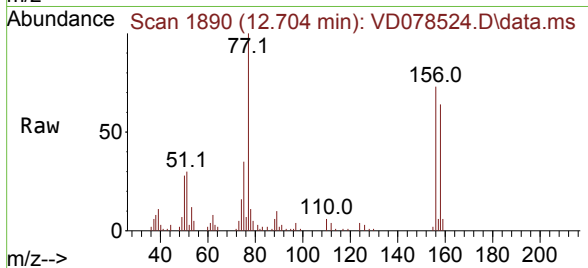
Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:	156	Resp:	28766
Ion Ratio	Lower	Upper	
156	100		
77	190.1	76.8	230.4
158	99.5	48.6	145.9



#78

n-propylbenzene

Concen: 48.749 ug/l

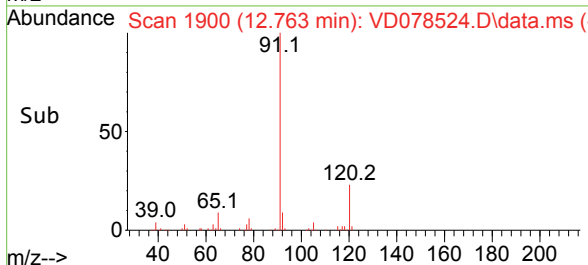
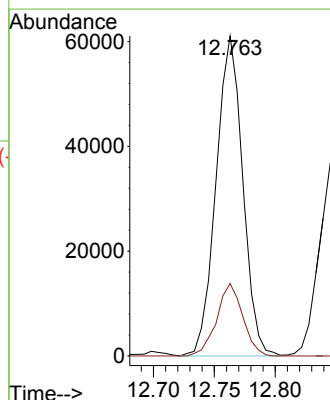
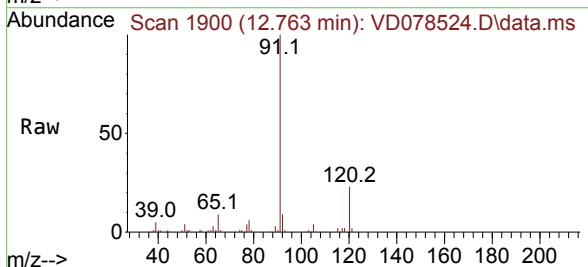
RT: 12.763 min Scan# 1900

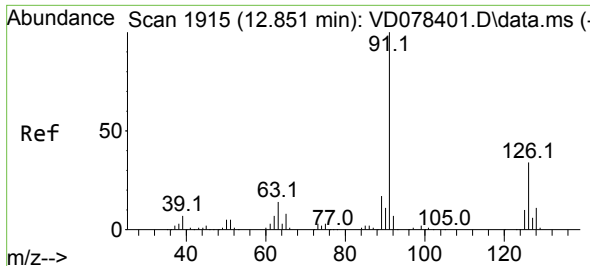
Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion:	91	Resp:	93091
Ion Ratio	Lower	Upper	
91	100		
120	22.1	12.4	37.2

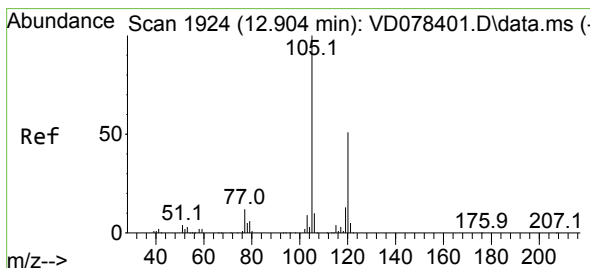
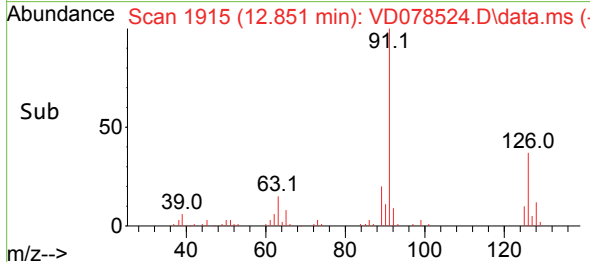
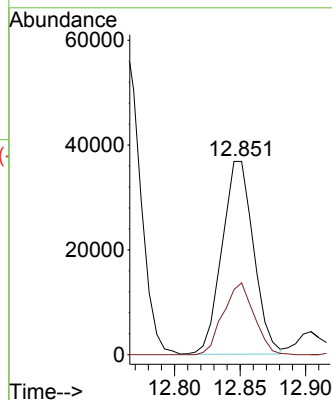
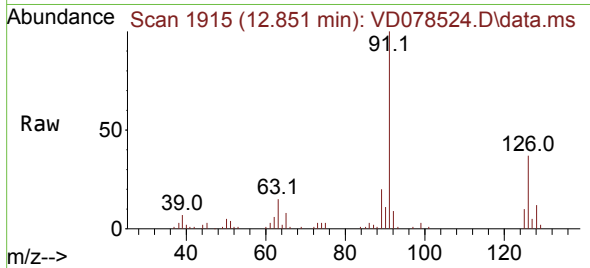




#79
2-Chlorotoluene
Concen: 60.412 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

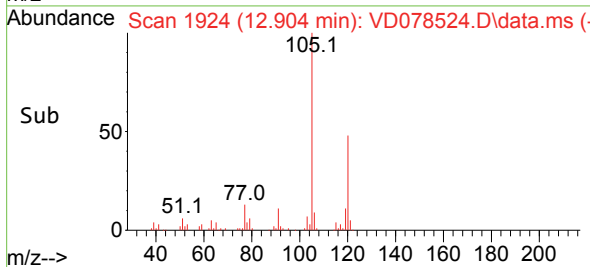
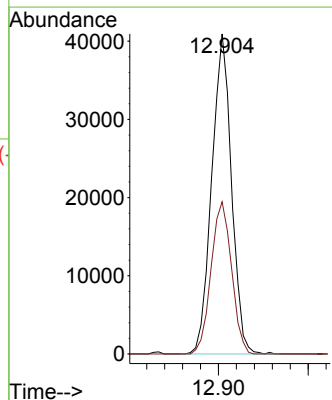
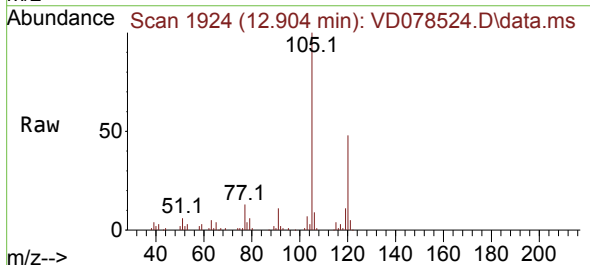
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

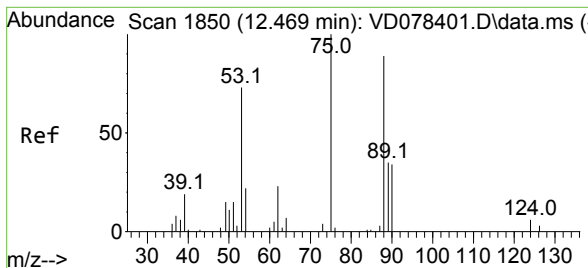
Tgt Ion: 91 Resp: 61788
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.986 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 105 Resp: 62329
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

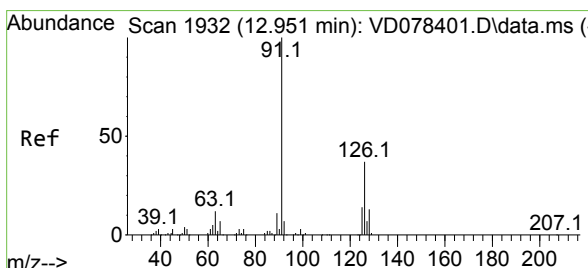
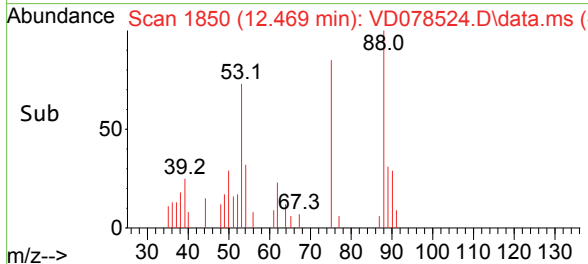
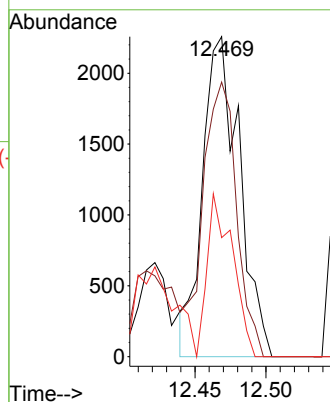
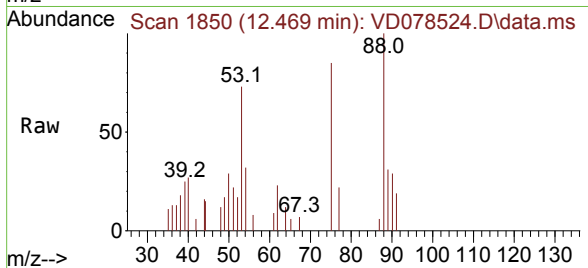




#81
trans-1,4-Dichloro-2-butene
Concen: 43.431 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

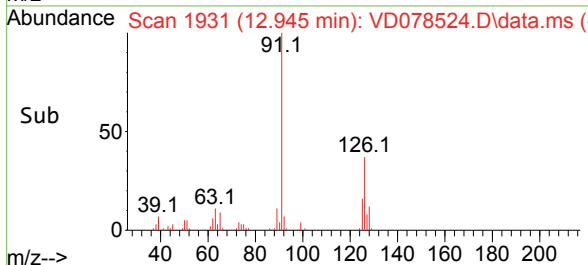
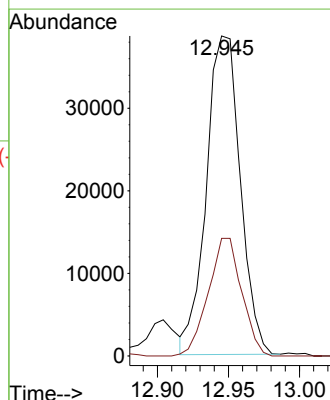
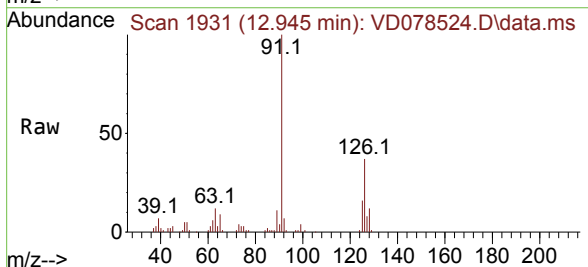
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

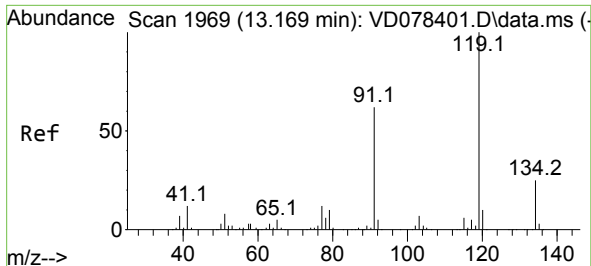
Tgt Ion:	75	Resp:	4053
Ion	Ratio	Lower	Upper
75	100		
53	79.1	63.0	94.4
89	35.3	37.9	56.9#



#82
4-Chlorotoluene
Concen: 58.335 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	91	Resp:	64079
Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.4	58.4

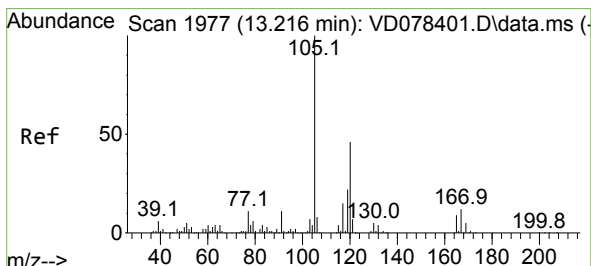
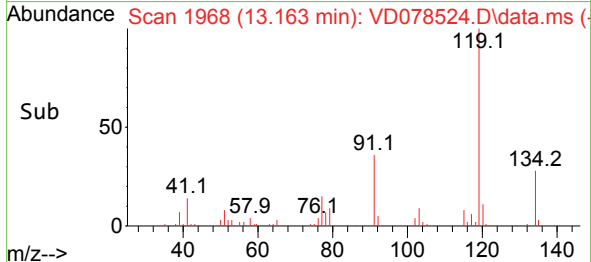
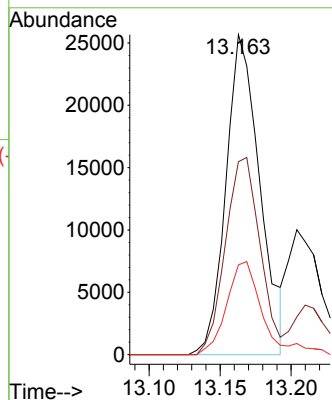
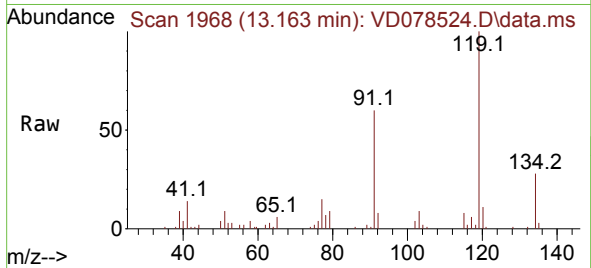




#83
 tert-Butylbenzene
 Concen: 39.751 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

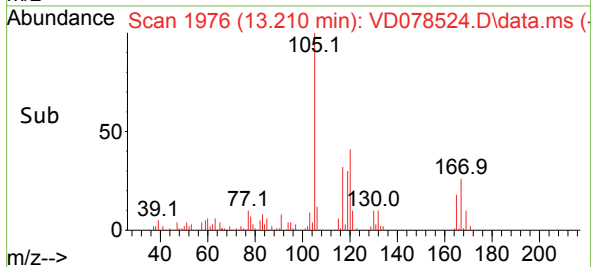
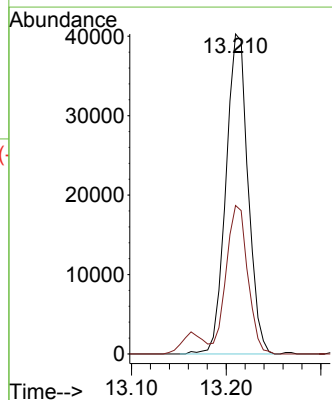
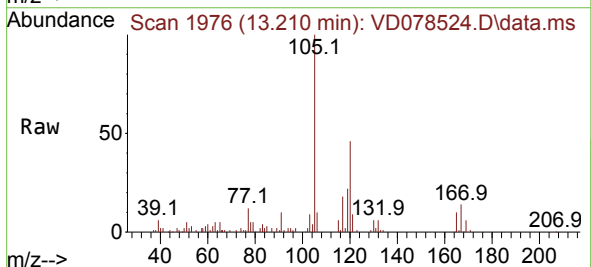
Instrument : MSVOA_D
 ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

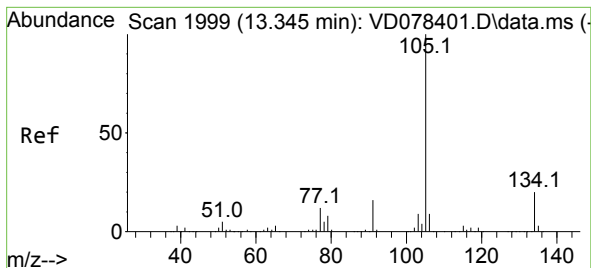
Tgt Ion:119 Resp: 42656
 Ion Ratio Lower Upper
 119 100
 91 62.9 29.3 87.8
 134 30.9 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.480 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

Tgt Ion:105 Resp: 65188
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 31.973 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

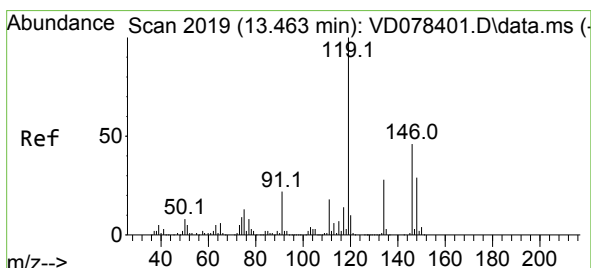
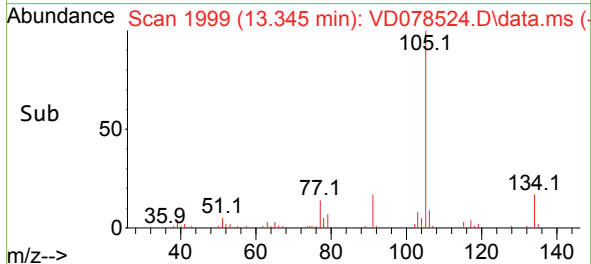
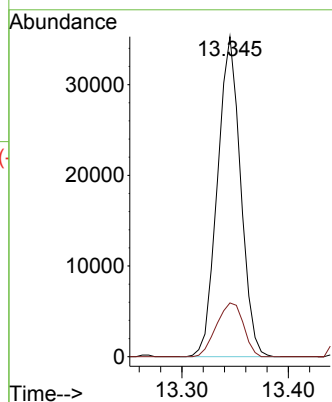
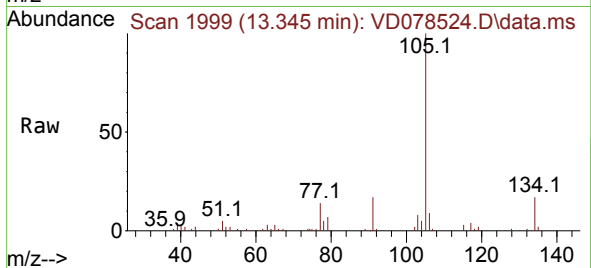
20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:105 Resp: 53210

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 33.062 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

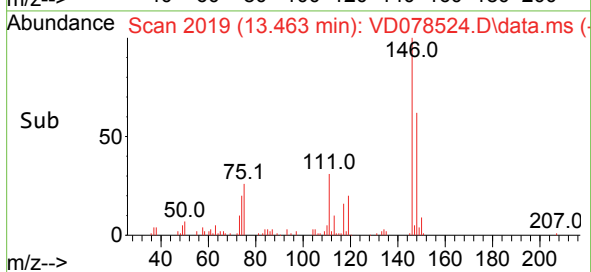
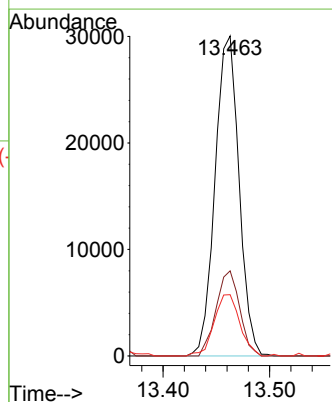
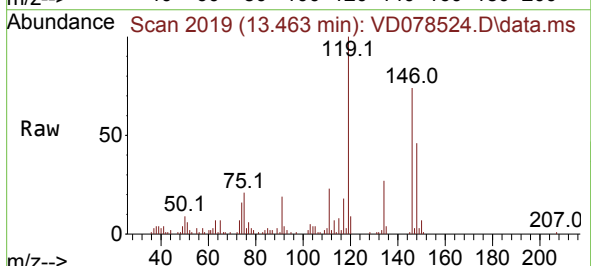
Tgt Ion:119 Resp: 46864

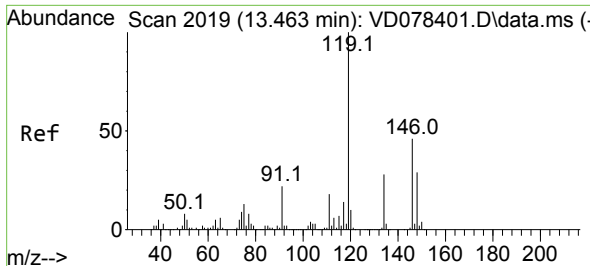
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 20.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.967 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078524.D

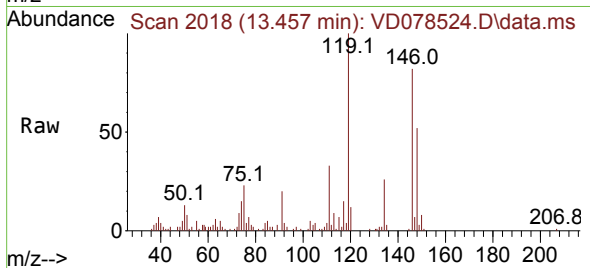
Acq: 22 Feb 2024 18:22

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD



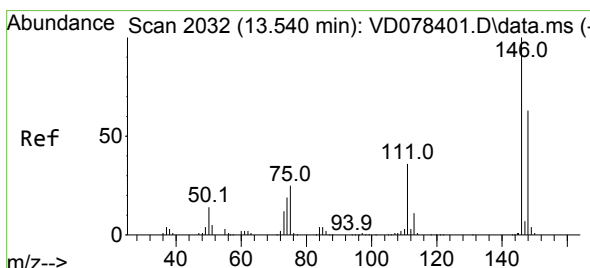
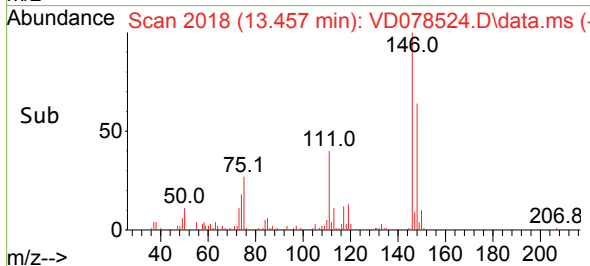
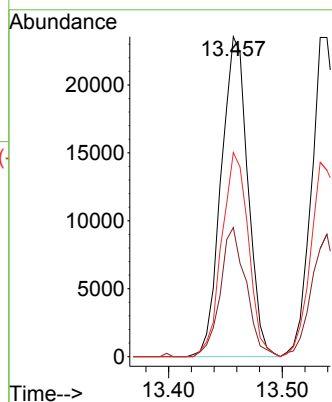
Tgt Ion:146 Resp: 38405

Ion Ratio Lower Upper

146 100

111 38.9 17.9 53.8

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.477 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

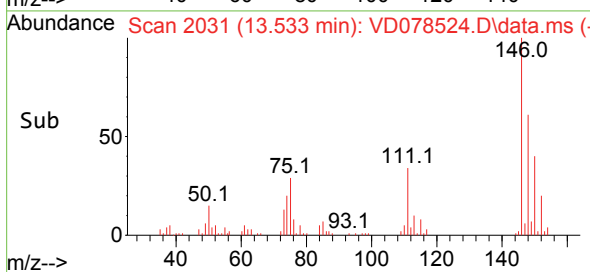
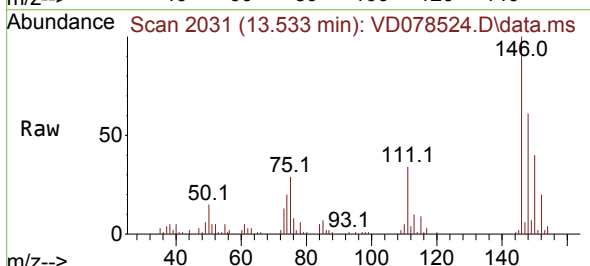
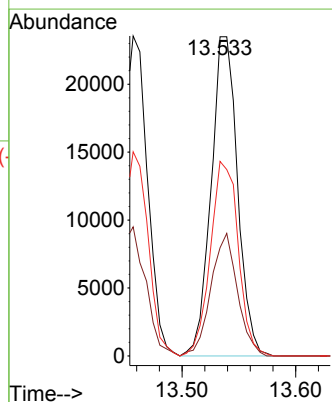
Tgt Ion:146 Resp: 38121

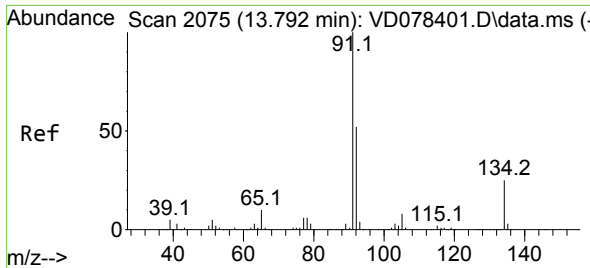
Ion Ratio Lower Upper

146 100

111 38.5 17.4 52.3

148 64.0 31.7 95.1

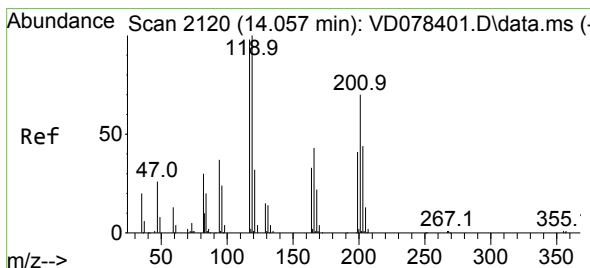
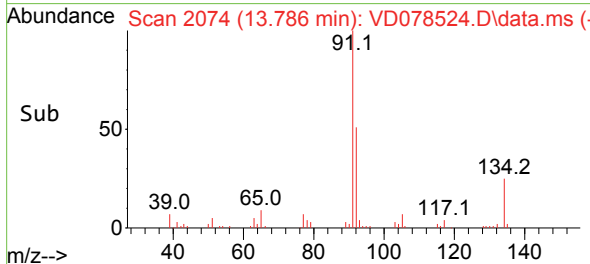
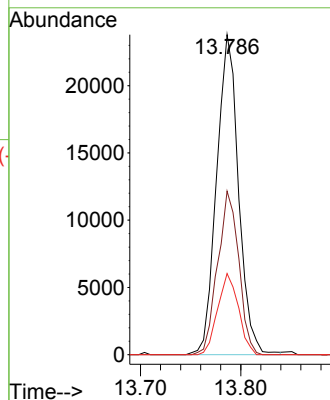
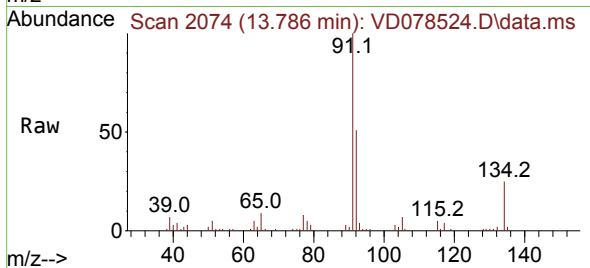




#89
n-Butylbenzene
Concen: 26.486 ug/l
RT: 13.786 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

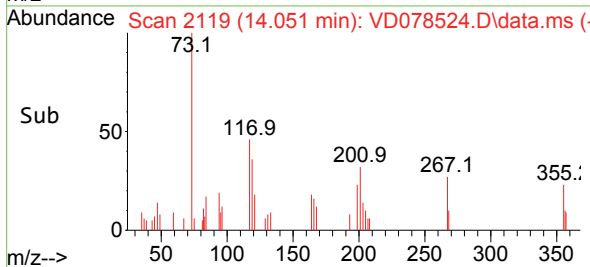
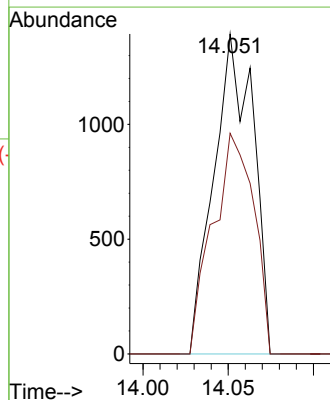
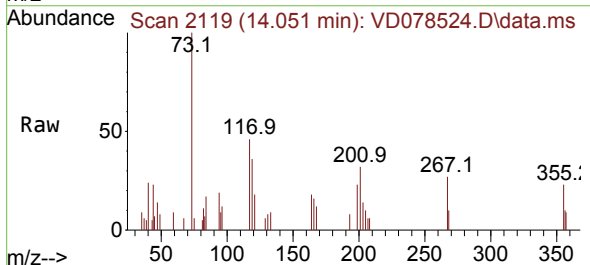
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

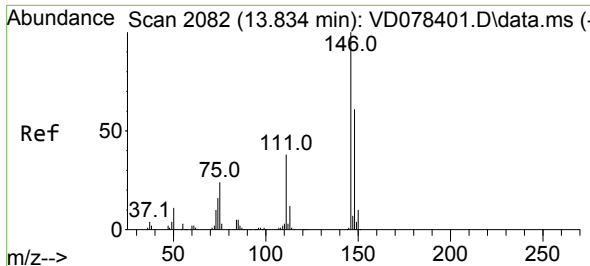
Tgt Ion: 91	Resp: 36186
Ion Ratio	Lower Upper
91	100
92	49.1 26.5 79.5
134	24.0 13.8 41.3



#90
Hexachloroethane
Concen: 7.709 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078524.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 117	Resp: 2246
Ion Ratio	Lower Upper
117	100
201	71.7 38.5 115.5

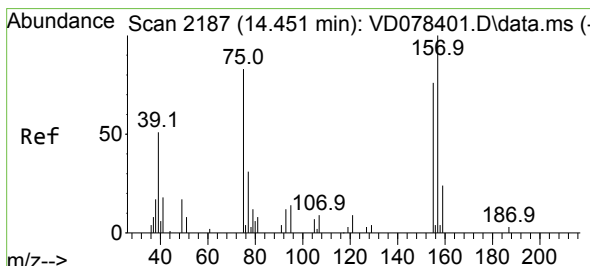
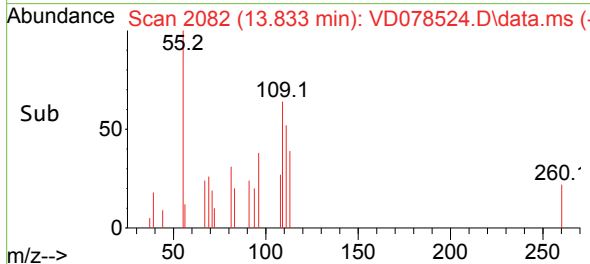
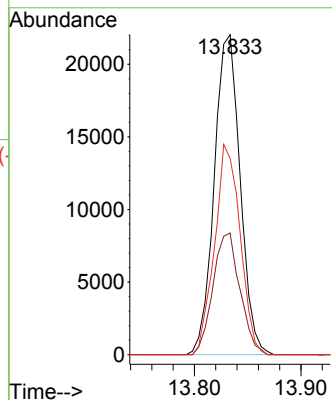
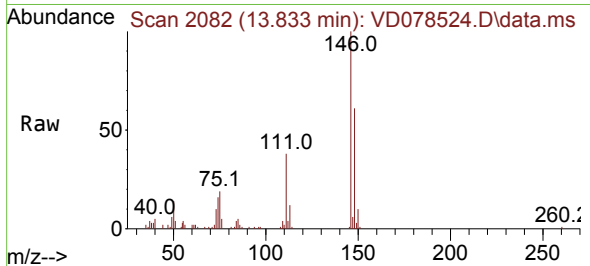




#91
 1,2-Dichlorobenzene
 Concen: 57.622 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

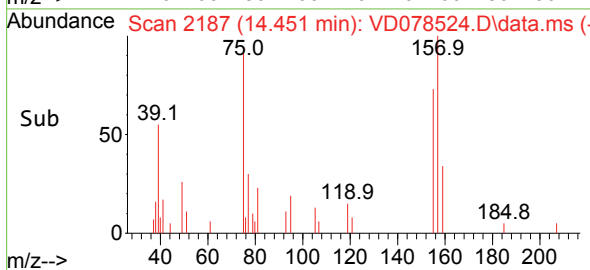
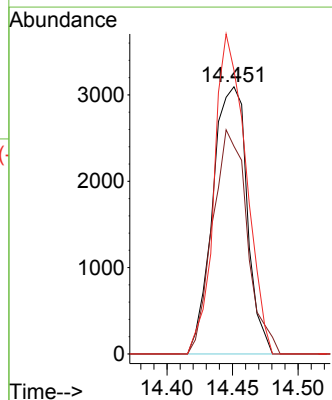
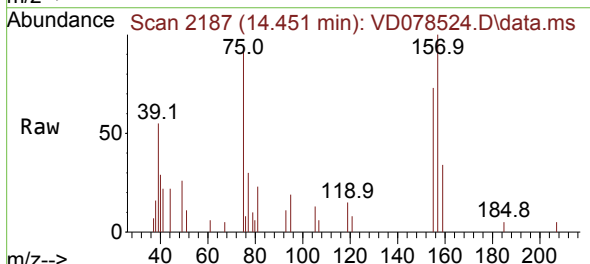
Instrument : MSVOA_D
 ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

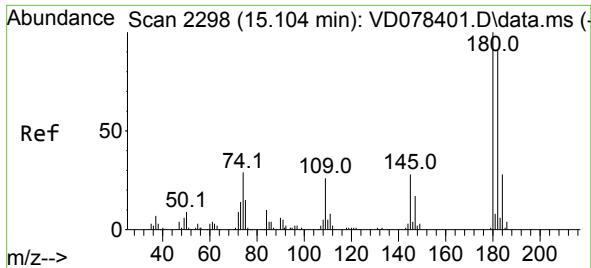
Tgt Ion:	146	Resp:	37191
Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.3	54.8
148	64.7	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.605 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

Tgt Ion:	75	Resp:	5636
Ion	Ratio	Lower	Upper
75	100		
155	84.5	47.9	143.8
157	111.0	59.9	179.7

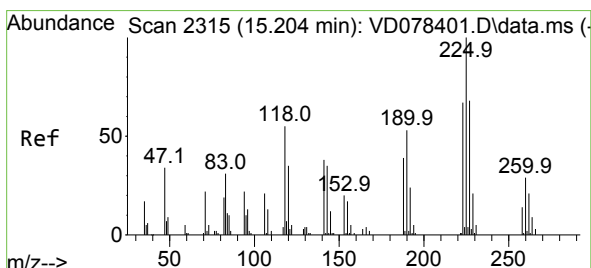
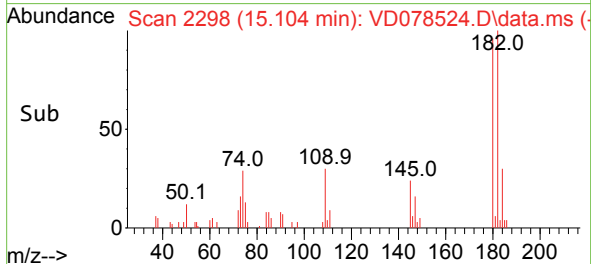
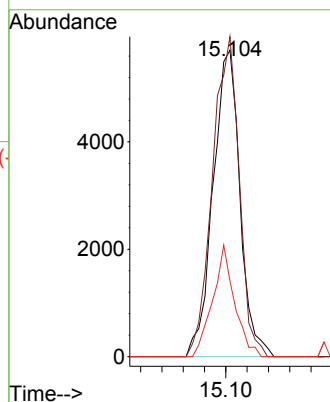
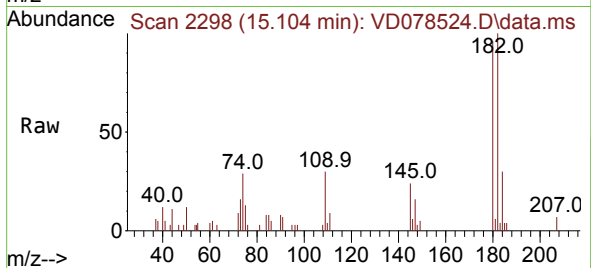




#93
 1,2,4-Trichlorobenzene
 Concen: 26.308 ug/l
 RT: 15.104 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

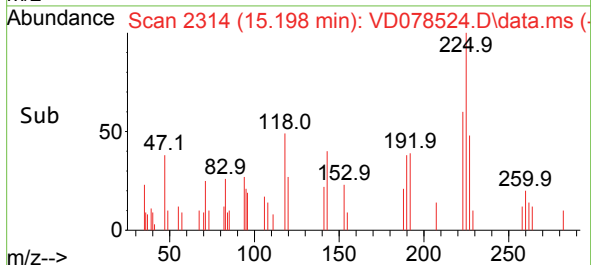
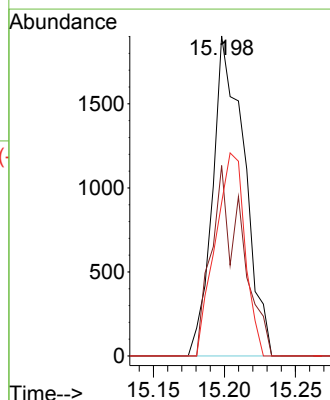
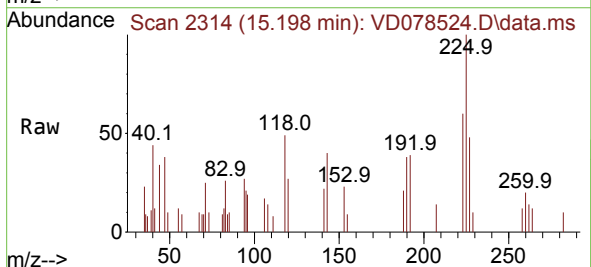
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

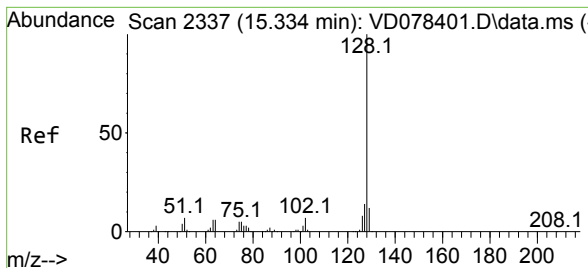
Tgt Ion:	180	Resp:	9979
Ion Ratio	Lower	Upper	
180	100		
182	103.5	48.5	145.6
145	29.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 14.910 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078524.D
 Acq: 22 Feb 2024 18:22

Tgt Ion:	225	Resp:	2952
Ion Ratio	Lower	Upper	
225	100		
223	57.1	31.6	94.8
227	59.4	31.7	95.1





#95

Naphthalene

Concen: 50.914 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

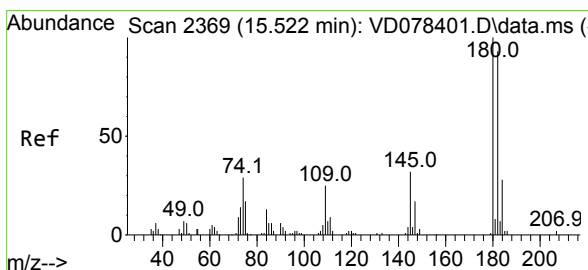
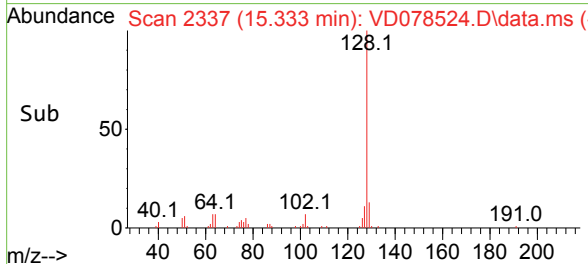
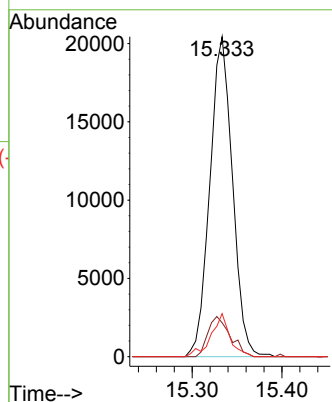
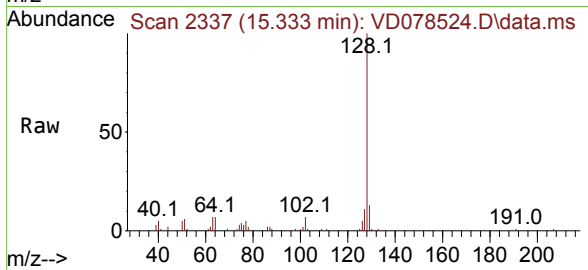
Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:128	Resp:	35820
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.5 15.7
129	13.5	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 25.660 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078524.D

Acq: 22 Feb 2024 18:22

Tgt Ion:180	Resp:	8249
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.3 141.9
145	35.5	15.1 45.3

