

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078523.D
 Acq On : 22 Feb 2024 17:54
 Operator : RP/MD
 Sample : P1538-07MS
 Misc : 5.03G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 23 01:06:41 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	57724	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	103917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	82257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	28038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43575	69.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.640%	
35) Dibromofluoromethane	7.810	113	43347	65.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.340%	
50) Toluene-d8	10.269	98	141694	53.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.569	95	32349	42.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	33405	58.734	ug/l	98
3) Chloromethane	2.152	50	66162	63.300	ug/l	98
4) Vinyl Chloride	2.281	62	97497	61.129	ug/l	96
5) Bromomethane	2.687	94	47333	42.994	ug/l	99
6) Chloroethane	2.828	64	70512	60.628	ug/l	99
7) Trichlorofluoromethane	3.164	101	56252	52.283	ug/l	91
8) Diethyl Ether	3.587	74	19968	64.435	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	30257	44.578	ug/l	97
10) Methyl Iodide	4.163	142	16872	27.754	ug/l	# 88
11) Tert butyl alcohol	5.058	59	13273	395.663	ug/l	97
12) 1,1-Dichloroethene	3.934	96	31196	49.575	ug/l	96
13) Acrolein	3.793	56	167	2.896	ug/l	# 1
14) Allyl chloride	4.569	41	38682	49.759	ug/l	93
15) Acrylonitrile	5.252	53	48181	363.188	ug/l	99
16) Acetone	4.028	43	51738	465.475	ug/l	87
17) Carbon Disulfide	4.269	76	77541	36.620	ug/l	96
18) Methyl Acetate	4.563	43	59237	120.633	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	90477	67.674	ug/l	99
20) Methylene Chloride	4.793	84	60708	88.226	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	34880	47.118	ug/l	87
22) Diisopropyl ether	6.216	45	98841	57.687	ug/l	94
23) Vinyl Acetate	6.157	43	66574	85.584	ug/l	96
24) 1,1-Dichloroethane	6.116	63	67870	55.916	ug/l	96
25) 2-Butanone	7.081	43	63336	410.610	ug/l	# 85
26) 2,2-Dichloropropane	7.075	77	54050	53.120	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	42011	51.725	ug/l	92
28) Bromochloromethane	7.428	49	30214	62.848	ug/l	86
29) Tetrahydrofuran	7.440	42	35935	387.150	ug/l	90
30) Chloroform	7.593	83	75525	58.810	ug/l	98
31) Cyclohexane	7.875	56	30639	29.020	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	57189	52.231	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43081	42.012	ug/l	95
37) Ethyl Acetate	7.169	43	20389	56.720	ug/l	98
38) Carbon Tetrachloride	7.987	117	25702	25.309	ug/l	98
39) Methylcyclohexane	9.269	83	22065	18.125	ug/l	# 86
40) Benzene	8.251	78	156985	52.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11162	59.665	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	46839	61.073	ug/l	96
43) Isopropyl Acetate	8.363	43	43613	65.520	ug/l #	79
44) Trichloroethene	9.028	130	36678	48.505	ug/l	96
45) 1,2-Dichloropropane	9.304	63	40787	56.085	ug/l	100
46) Dibromomethane	9.387	93	25461	62.245	ug/l	91
47) Bromodichloromethane	9.587	83	56650	55.915	ug/l	98
48) Methyl methacrylate	9.381	41	27207	77.041	ug/l #	80
49) 1,4-Dioxane	9.387	88	7322	1652.894	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	131044	370.925	ug/l	91
52) Toluene	10.334	92	89622	47.814	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	40885	44.226	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	43890	39.153	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	35756	64.910	ug/l	91
56) Ethyl methacrylate	10.598	69	27626	54.225	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	58155	62.062	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	112533	374.990	ug/l	96
59) 2-Hexanone	10.922	43	94216	354.861	ug/l	90
60) Dibromochloromethane	11.069	129	37814	57.054	ug/l	94
61) 1,2-Dibromoethane	11.181	107	31658	61.216	ug/l	98
64) Tetrachloroethene	10.810	164	31228	60.105	ug/l	97
65) Chlorobenzene	11.604	112	85211	51.528	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	36504	60.067	ug/l	94
67) Ethyl Benzene	11.681	91	128922	43.511	ug/l	99
68) m/p-Xylenes	11.792	106	99437	86.036	ug/l	91
69) o-Xylene	12.122	106	48278	45.774	ug/l	92
70) Styrene	12.134	104	70501	40.957	ug/l	95
71) Bromoform	12.298	173	20551	64.248	ug/l #	99
73) Isopropylbenzene	12.422	105	95848	50.909	ug/l	96
74) N-amyl acetate	12.234	43	18568	52.131	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40382	108.127	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	40636	170.715	ug/l #	100
77) Bromobenzene	12.698	156	29914	67.607	ug/l	83
78) n-propylbenzene	12.763	91	103412	44.076	ug/l	95
79) 2-Chlorotoluene	12.845	91	66264	52.731	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	68942	44.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4726	41.218	ug/l	95
82) 4-Chlorotoluene	12.945	91	70216	52.025	ug/l	96
83) tert-Butylbenzene	13.169	119	52552	39.859	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	71900	45.316	ug/l	99
85) sec-Butylbenzene	13.345	105	66726	32.633	ug/l	93
86) p-Isopropyltoluene	13.457	119	56411	32.391	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	43245	45.793	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	42553	45.860	ug/l	98
89) n-Butylbenzene	13.786	91	44928	26.764	ug/l	92
90) Hexachloroethane	14.051	117	4426	12.365	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	39347	49.617	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5136	105.027	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	11262	24.165	ug/l	99
94) Hexachlorobutadiene	15.204	225	4029	16.562	ug/l	96
95) Naphthalene	15.333	128	37268	43.113	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	10439	26.429	ug/l	95

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QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

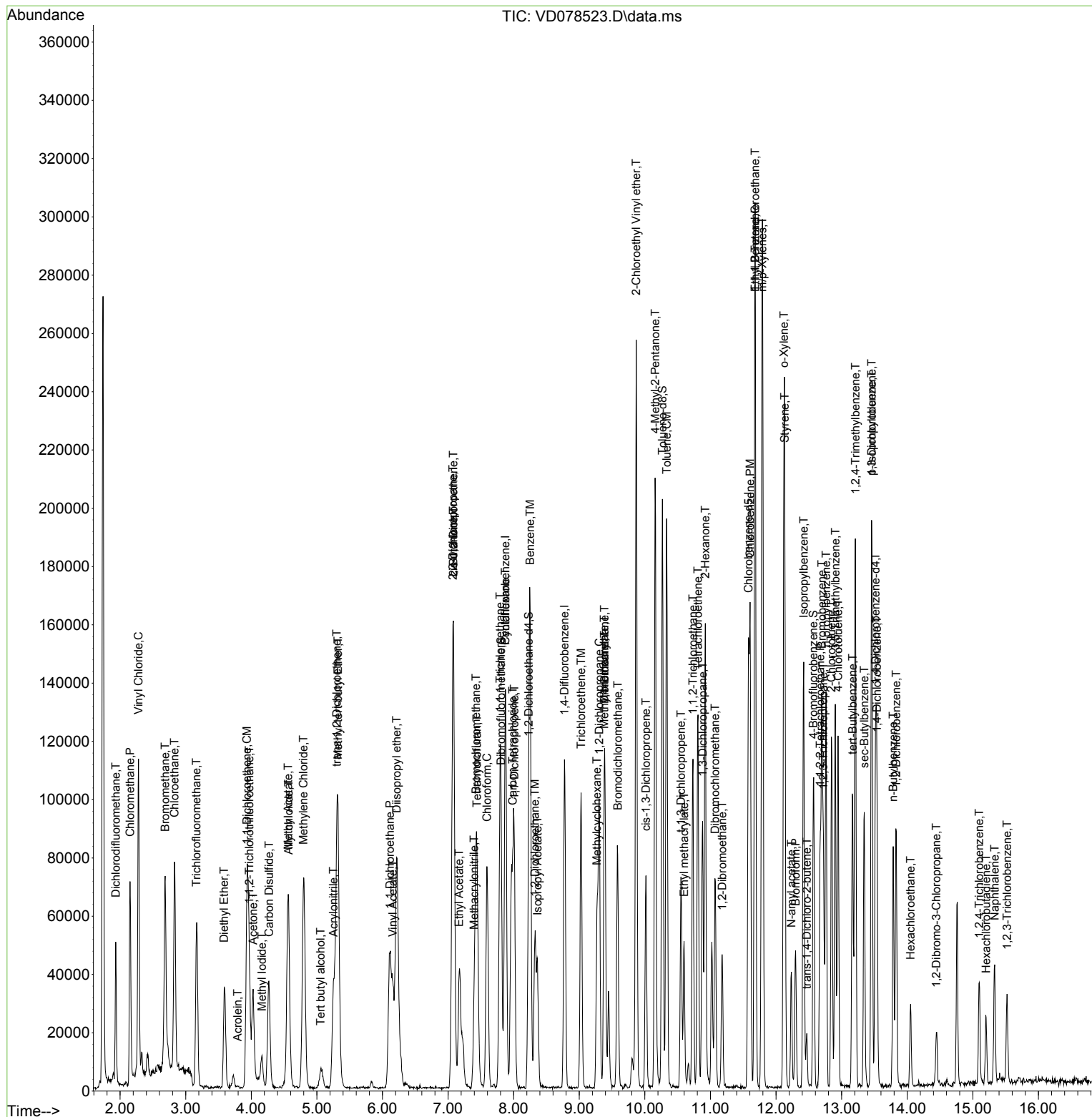
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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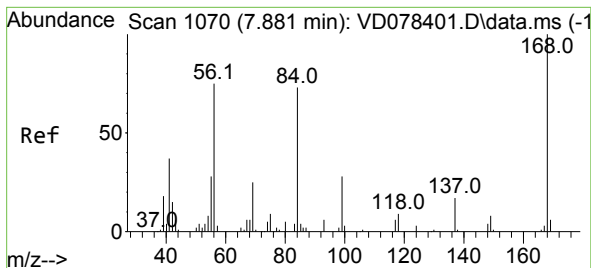
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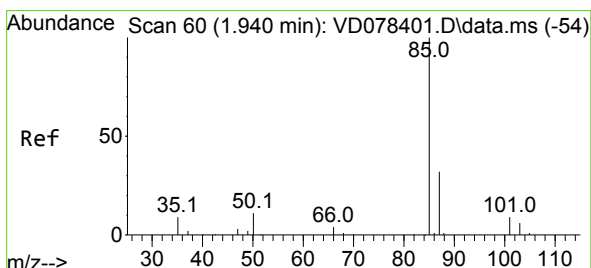
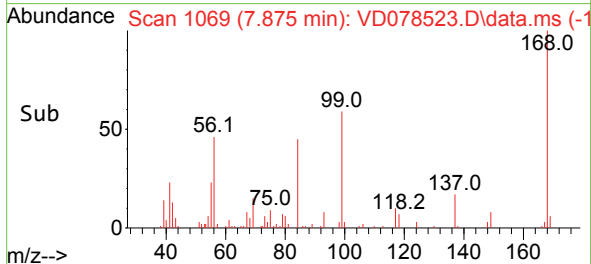
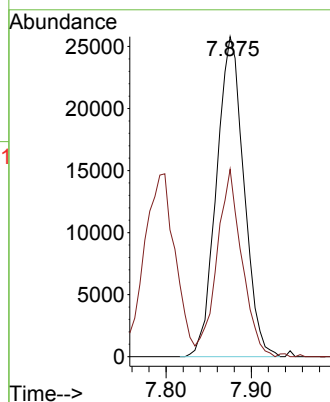
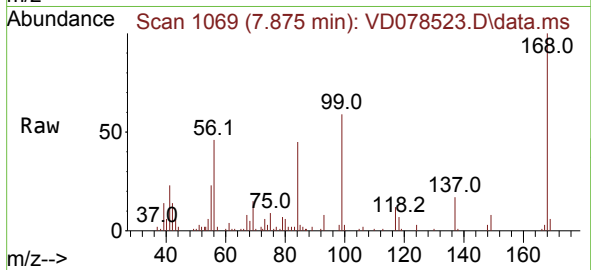




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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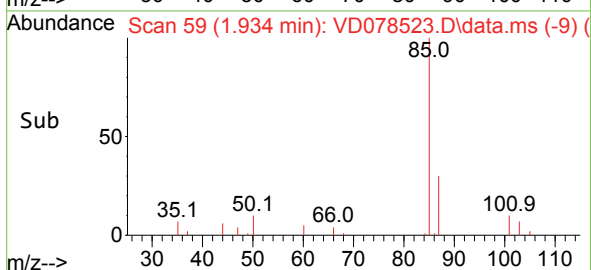
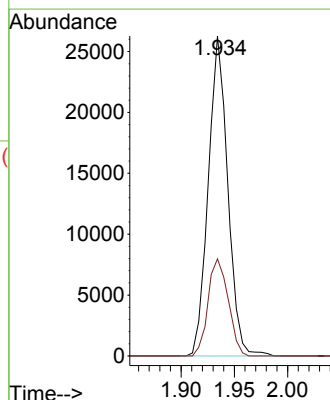
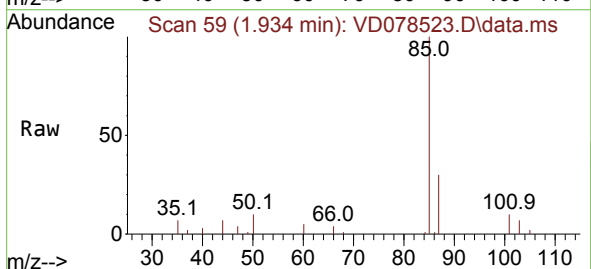
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

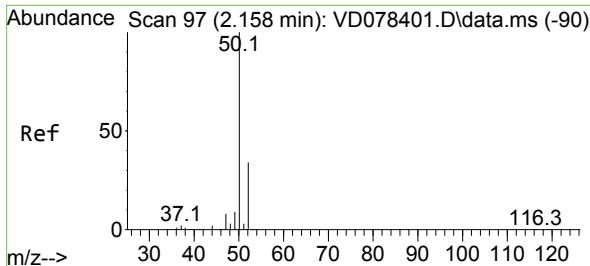
Tgt Ion:168 Resp: 57724
Ion Ratio Lower Upper
168 100
99 57.7 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 58.734 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 85 Resp: 33405
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.0

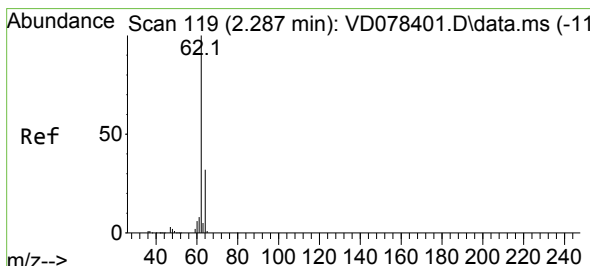
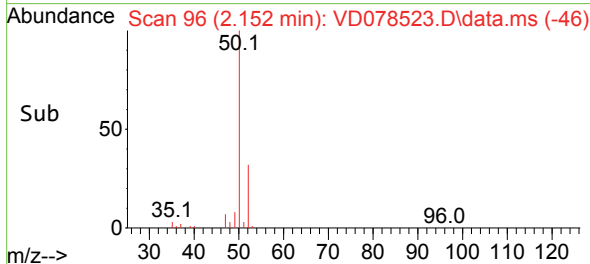
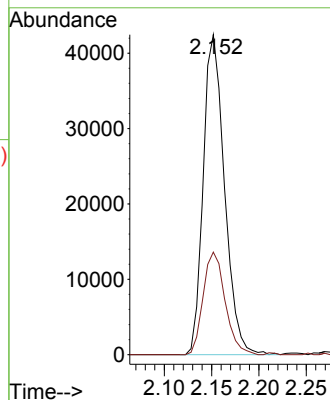
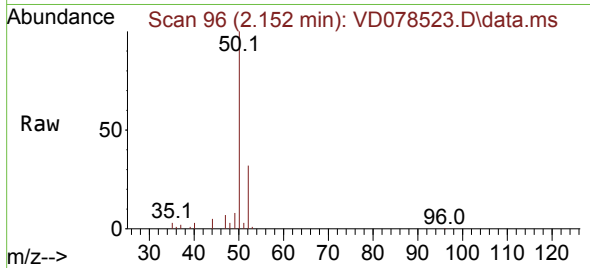




#3
Chloromethane
Concen: 63.300 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

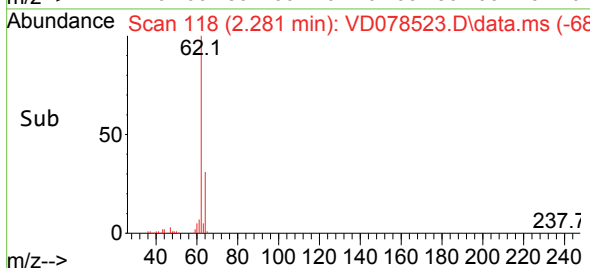
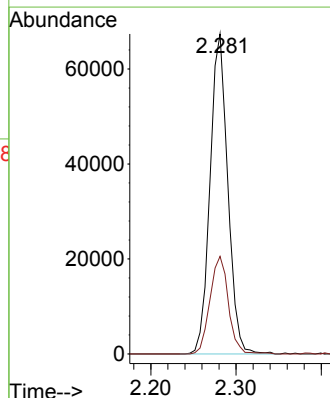
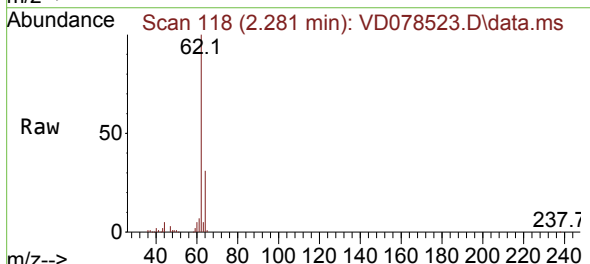
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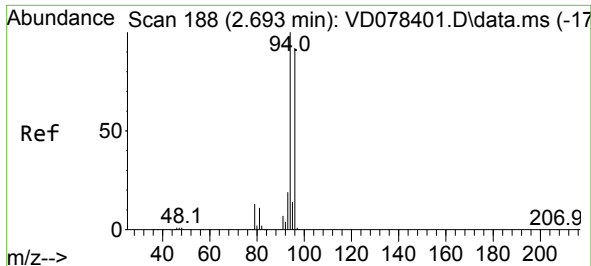
Tgt Ion: 50 Resp: 66162
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 61.129 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 97497
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

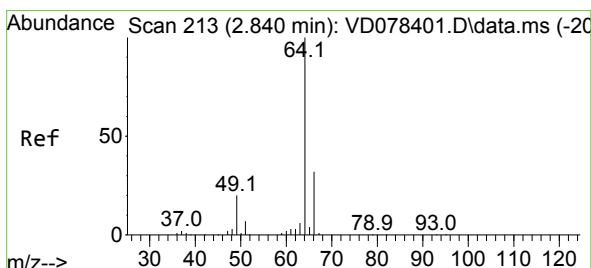
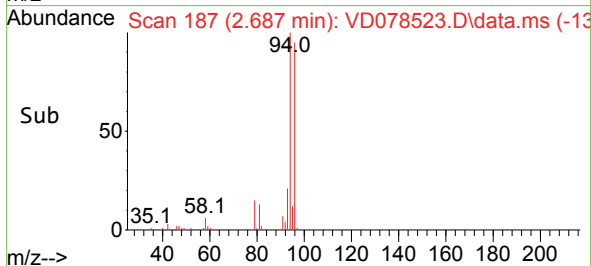
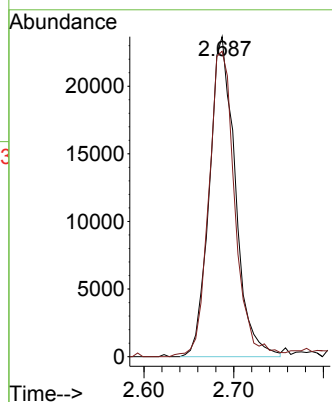
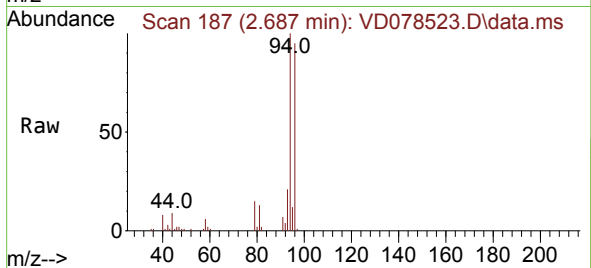




#5
Bromomethane
Concen: 42.994 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
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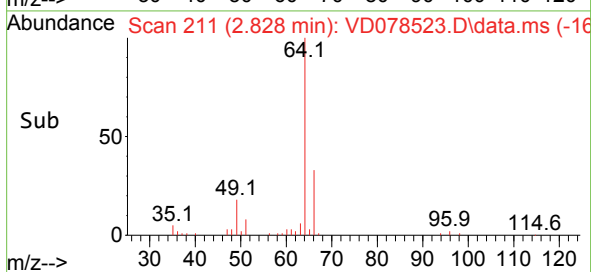
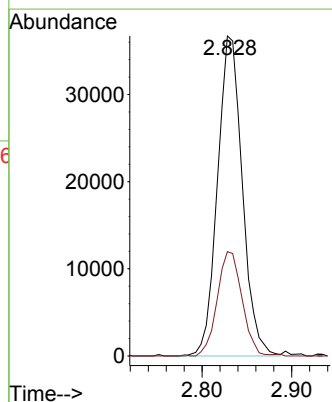
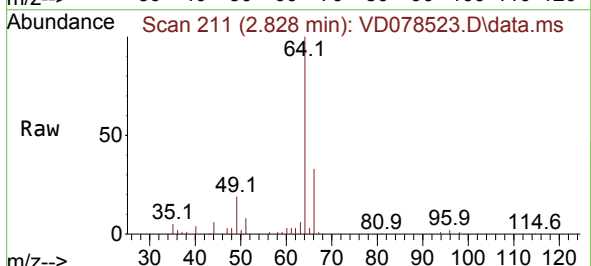
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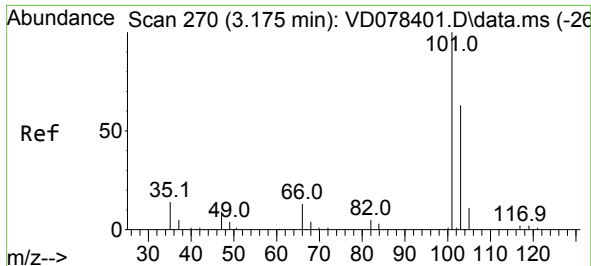
Tgt Ion: 94 Resp: 47333
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8



#6
Chloroethane
Concen: 60.628 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078523.D
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Tgt Ion: 64 Resp: 70512
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

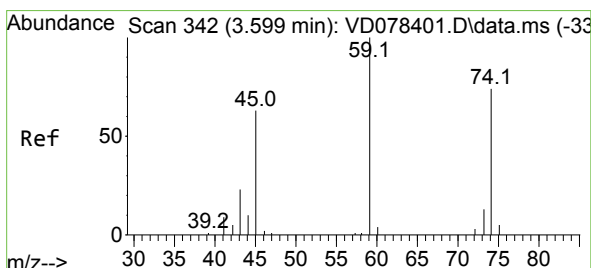
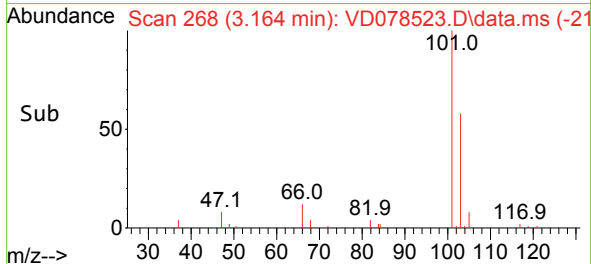
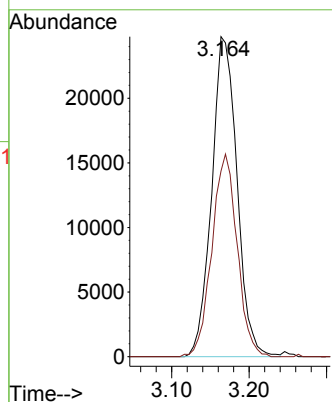
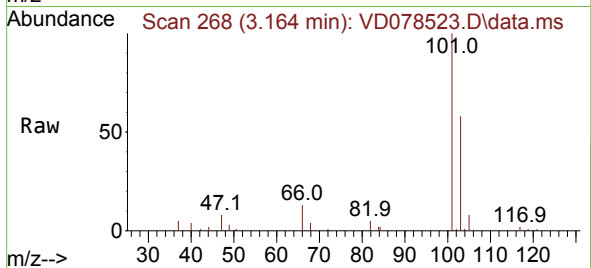




#7
Trichlorofluoromethane
Concen: 52.283 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

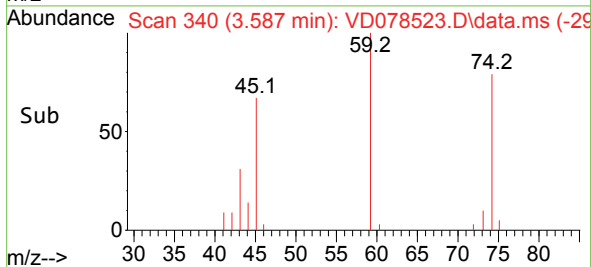
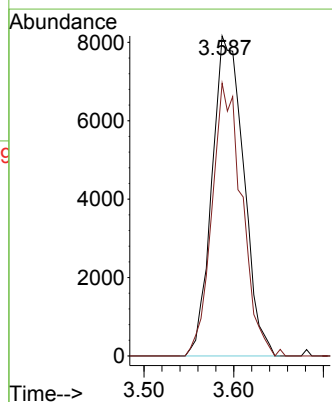
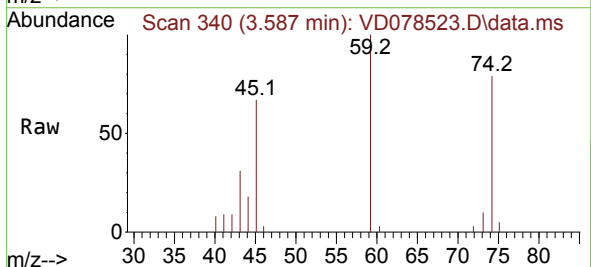
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Tgt Ion:101 Resp: 56252
Ion Ratio Lower Upper
101 100
103 58.0 52.3 78.5



#8
Diethyl Ether
Concen: 64.435 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 74 Resp: 19968
Ion Ratio Lower Upper
74 100
45 81.1 37.5 112.7

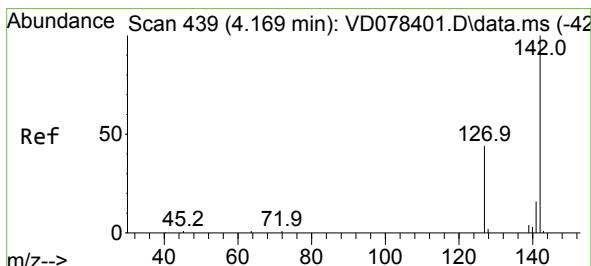
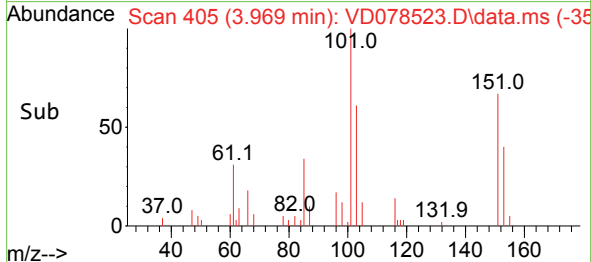
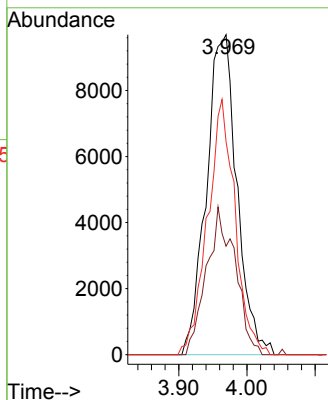
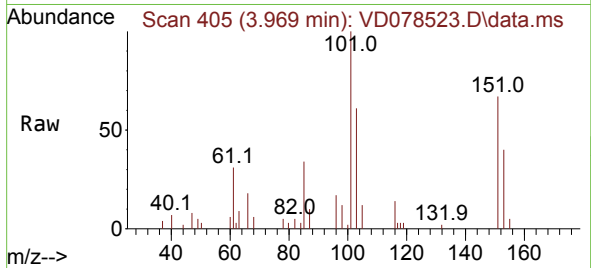




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.578 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

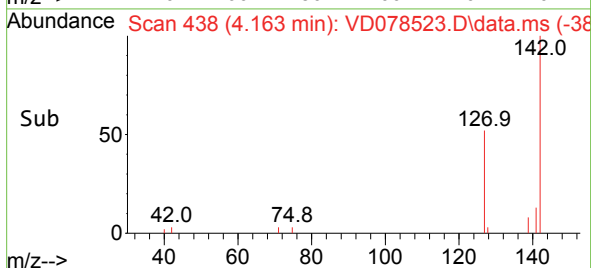
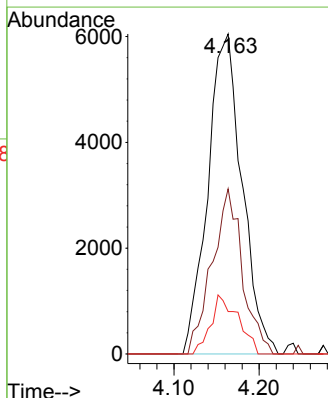
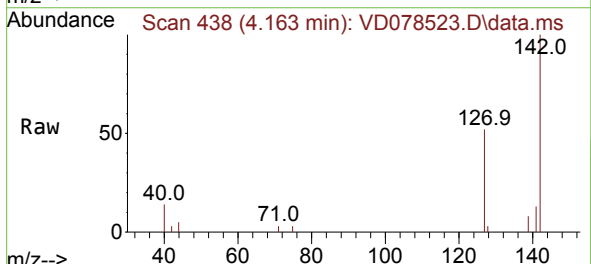
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

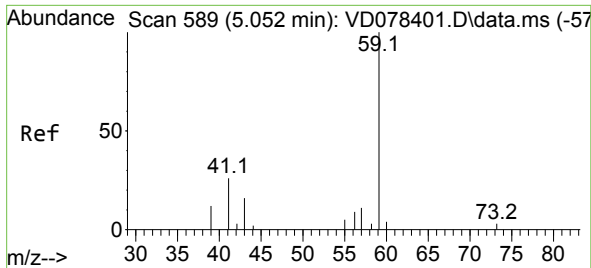
Tgt Ion:	101	Resp:	30257
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	71.8	59.8	89.6



#10
Methyl Iodide
Concen: 27.754 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	142	Resp:	16872
Ion	Ratio	Lower	Upper
142	100		
127	45.8	29.4	44.0#
141	14.8	11.1	16.7

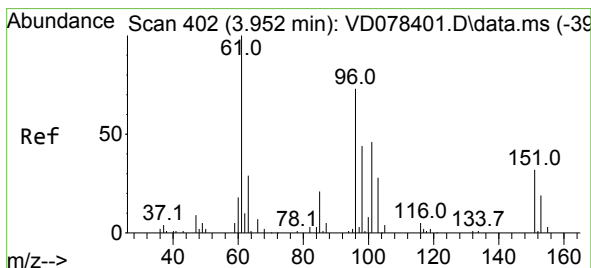
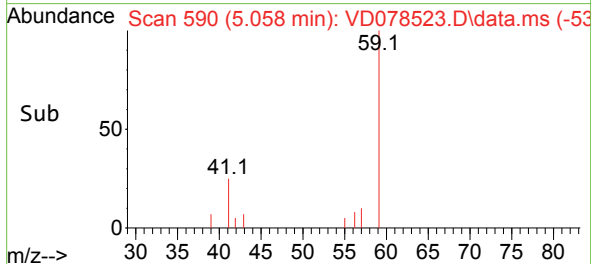
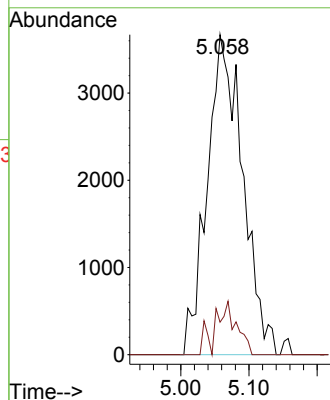
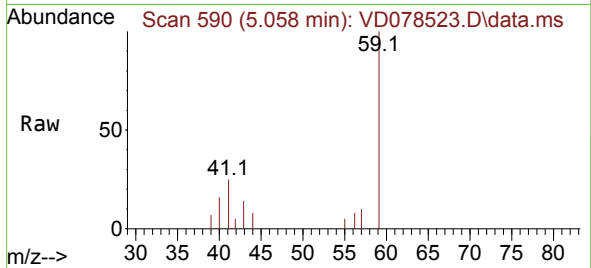




#11
Tert butyl alcohol
Concen: 395.663 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

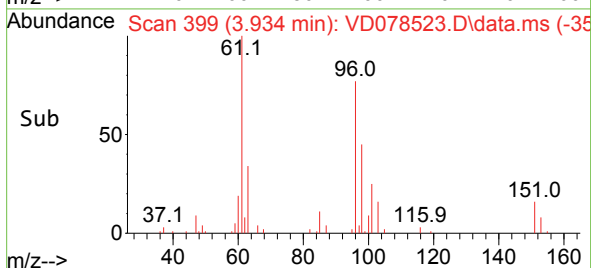
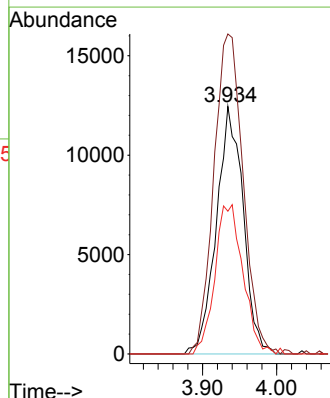
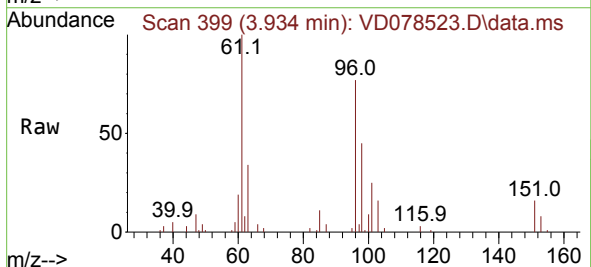
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

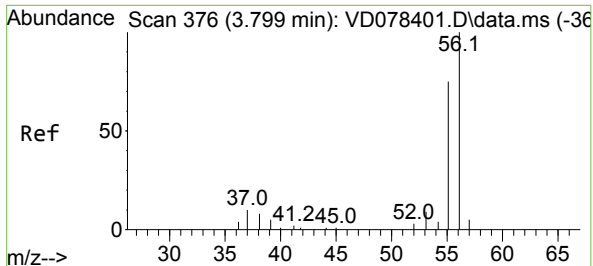
Tgt Ion: 59 Resp: 13273
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.575 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 96 Resp: 31196
Ion Ratio Lower Upper
96 100
61 129.3 100.6 150.8
98 57.7 50.2 75.2





#13

Acrolein

Concen: 2.896 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

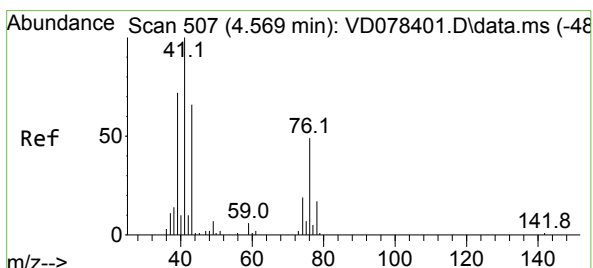
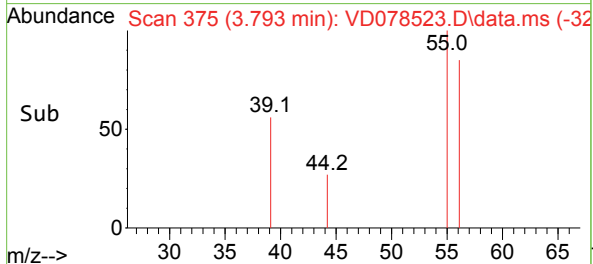
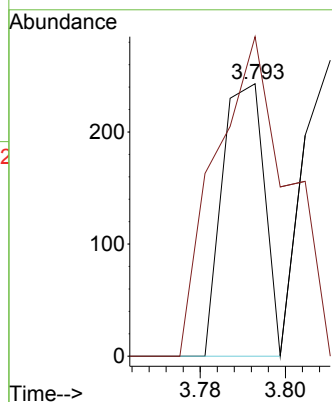
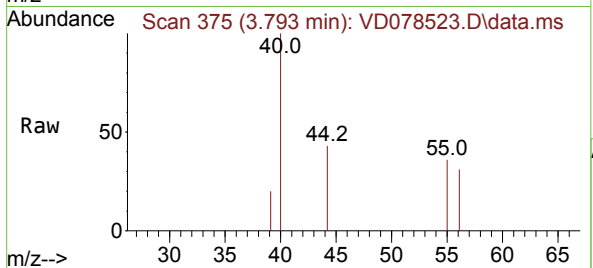
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 203.0 55.1 82.7#



#14

Allyl chloride

Concen: 49.759 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

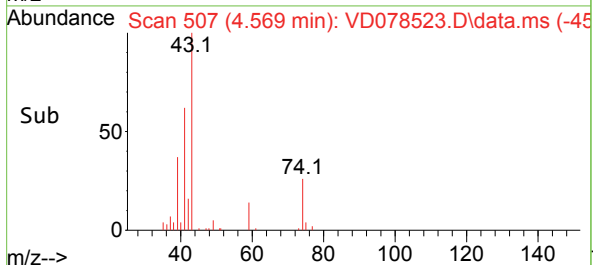
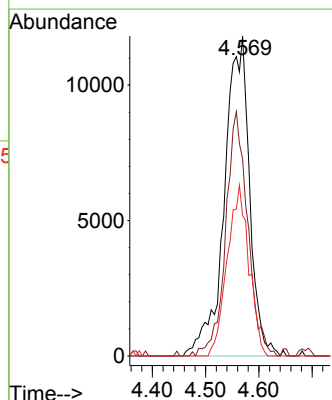
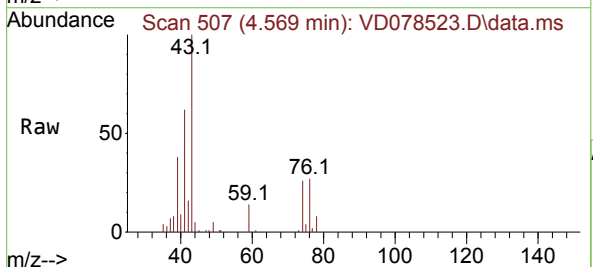
Tgt Ion: 41 Resp: 38682

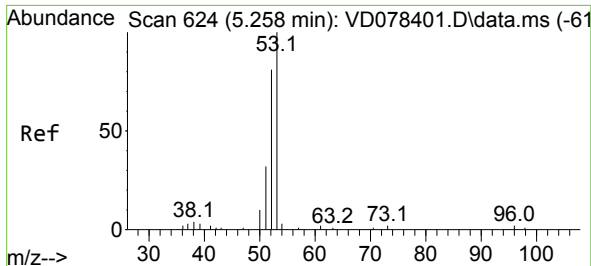
Ion Ratio Lower Upper

41 100

39 67.1 53.8 80.6

76 46.1 45.8 68.8

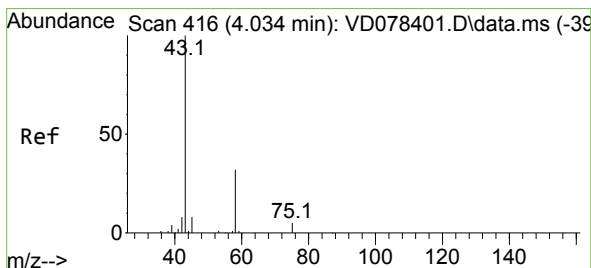
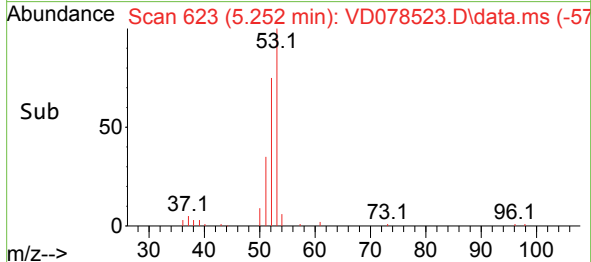
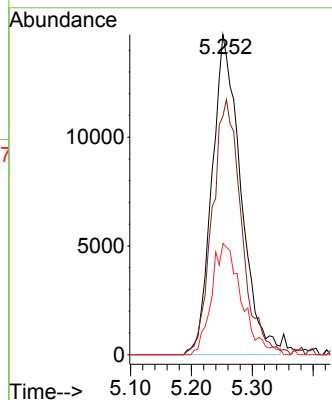
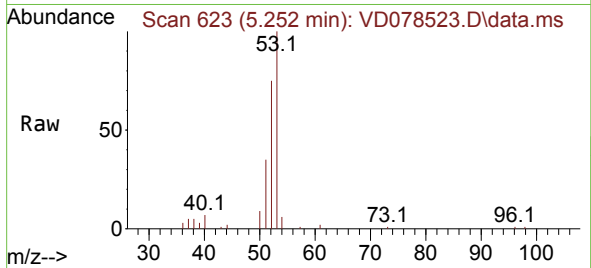




#15
Acrylonitrile
Concen: 363.188 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

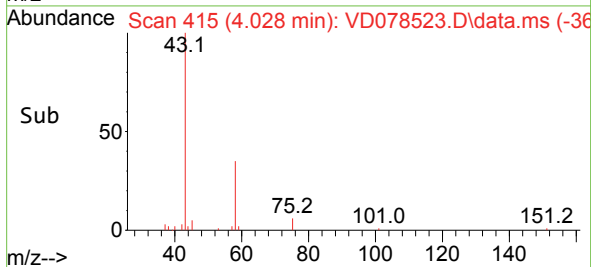
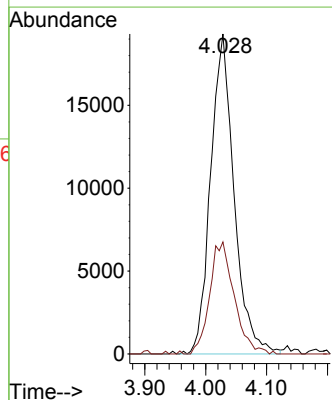
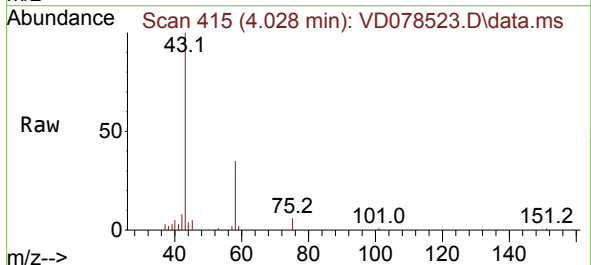
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

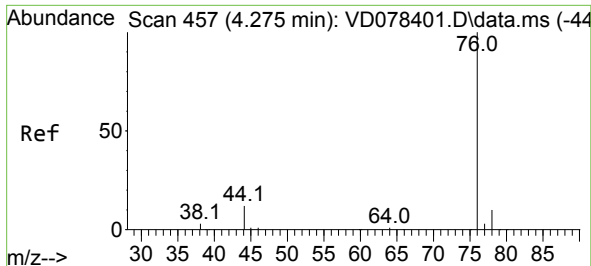
Tgt Ion:	53	Resp:	48181
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.4
51	36.5	28.3	42.5



#16
Acetone
Concen: 465.475 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	43	Resp:	51738
Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

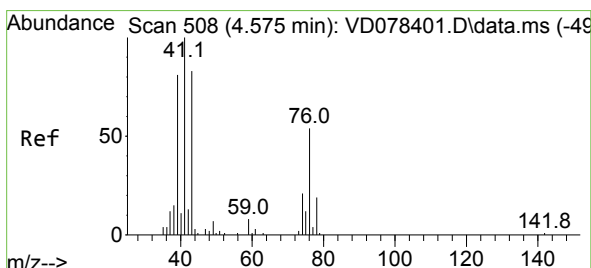
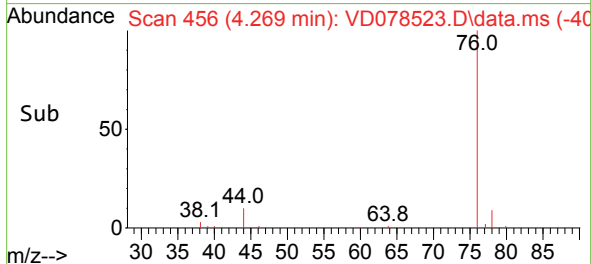
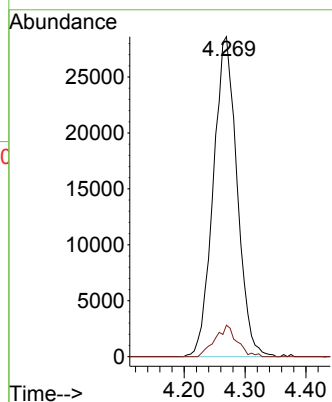
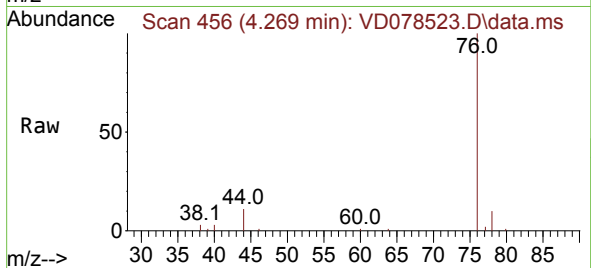




#17
Carbon Disulfide
Concen: 36.620 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

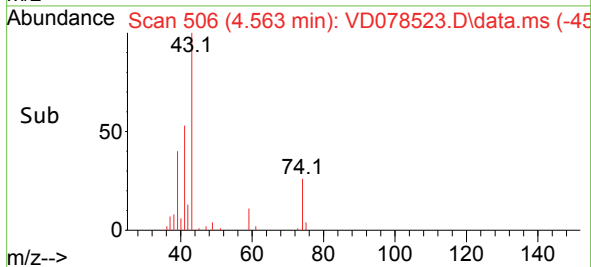
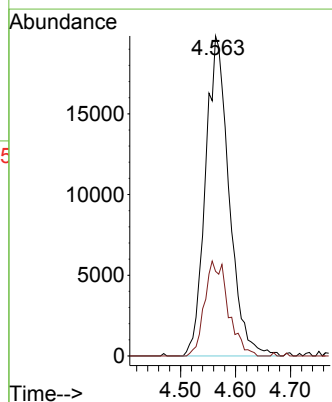
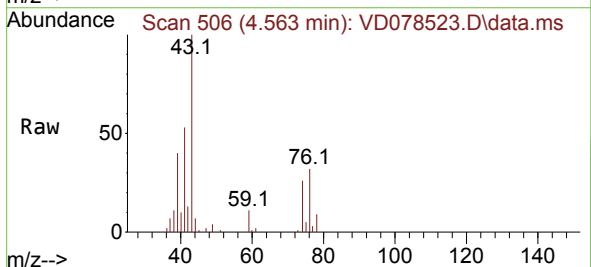
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

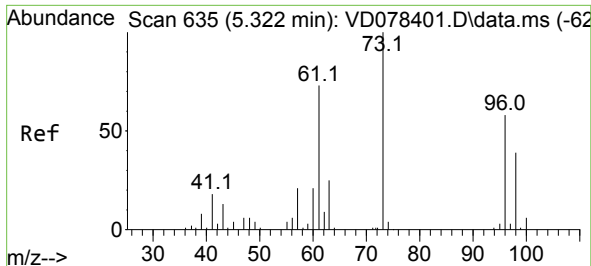
Tgt Ion: 76 Resp: 77541
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 120.633 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 43 Resp: 59237
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6

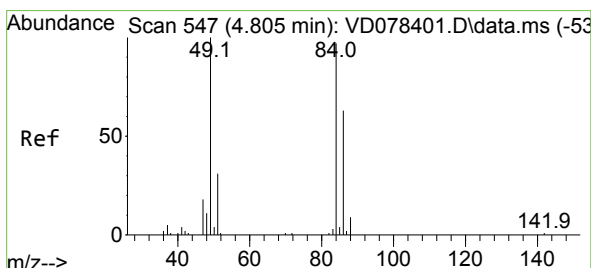
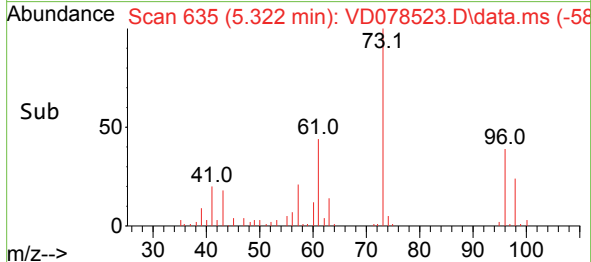
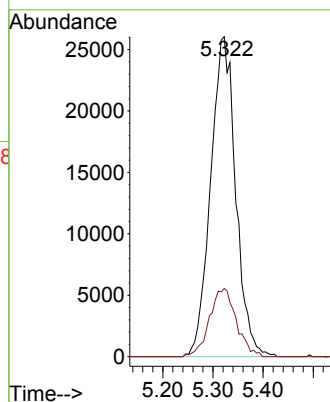
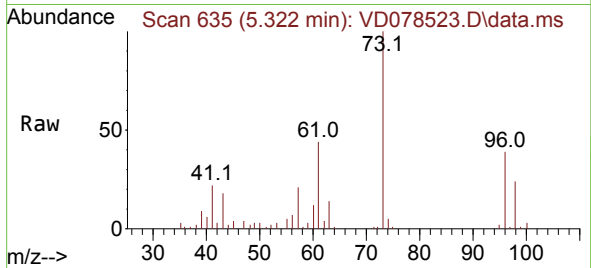




#19
Methyl tert-butyl Ether
Concen: 67.674 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

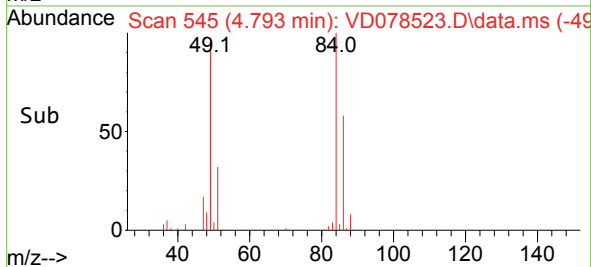
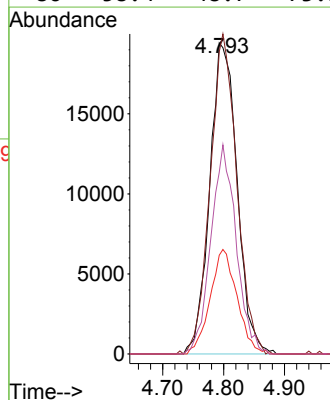
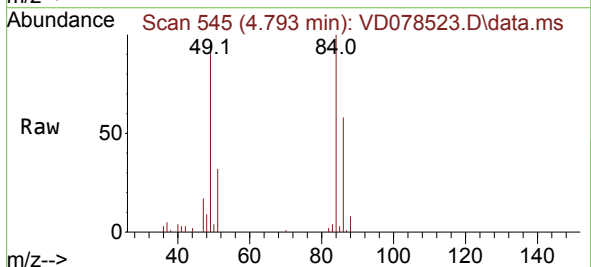
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 73 Resp: 90477
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0



#20
Methylene Chloride
Concen: 88.226 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

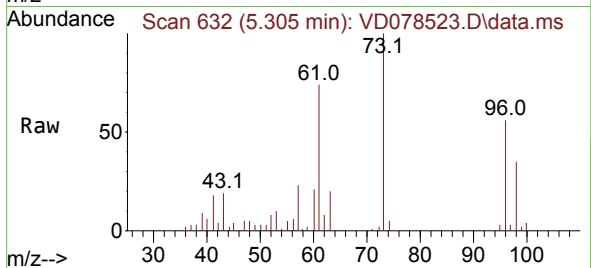
Tgt Ion: 84 Resp: 60708
Ion Ratio Lower Upper
84 100
49 97.1 71.4 107.2
51 31.7 24.5 36.7
86 58.4 48.7 73.1



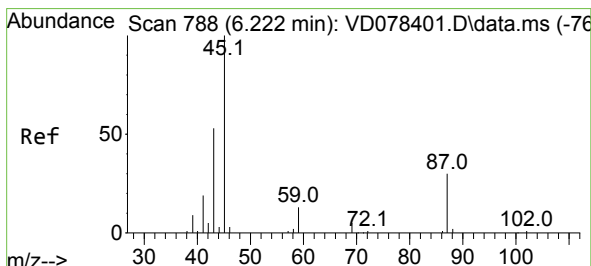
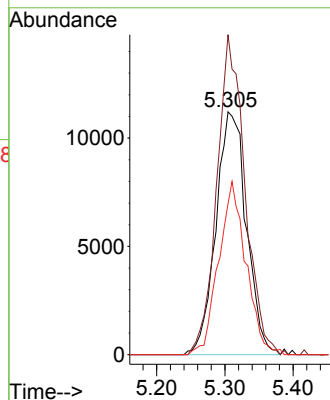
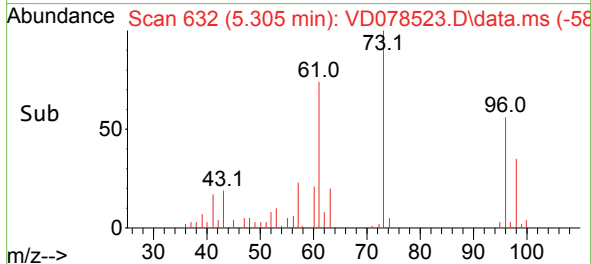


#21
trans-1,2-Dichloroethene
Concen: 47.118 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

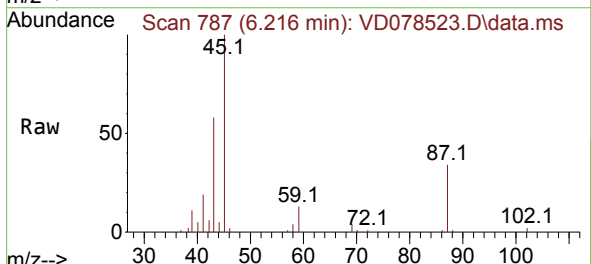
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS



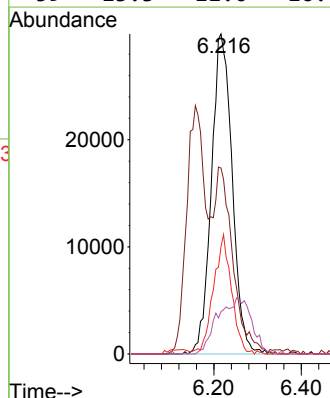
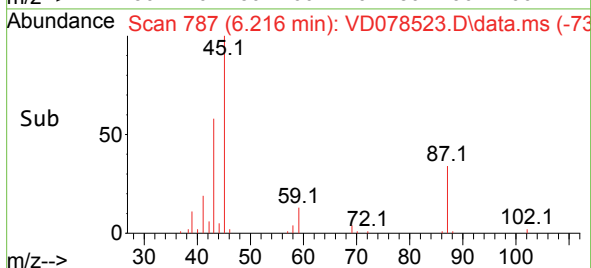
Tgt Ion: 96 Resp: 34880
Ion Ratio Lower Upper
96 100
61 131.8 89.3 133.9
98 62.3 48.6 73.0

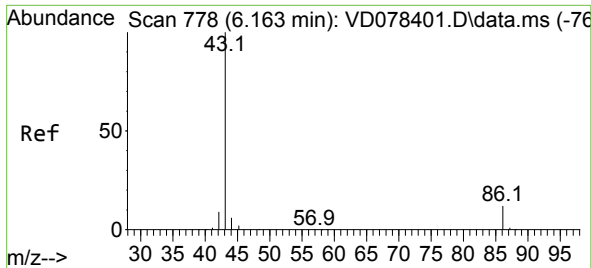


#22
Diisopropyl ether
Concen: 57.687 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54



Tgt Ion: 45 Resp: 98841
Ion Ratio Lower Upper
45 100
43 56.8 40.0 60.0
87 33.5 28.2 42.4
59 13.3 11.0 16.4

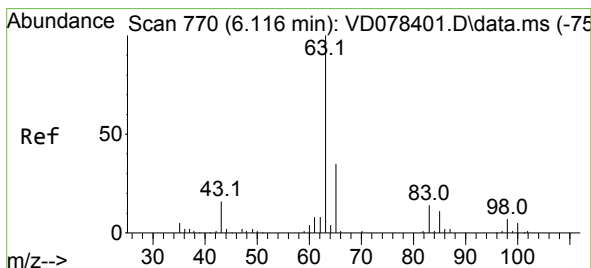
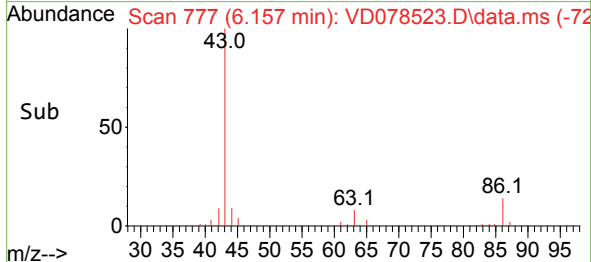
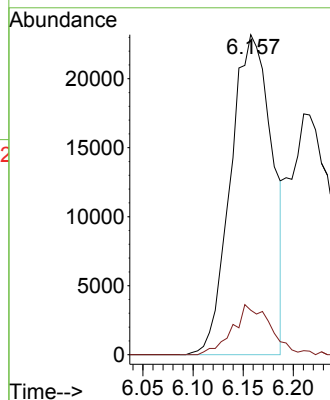
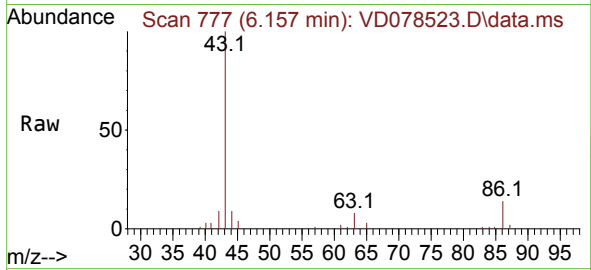




#23
 Vinyl Acetate
 Concen: 85.584 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078523.D
 Acq: 22 Feb 2024 17:54

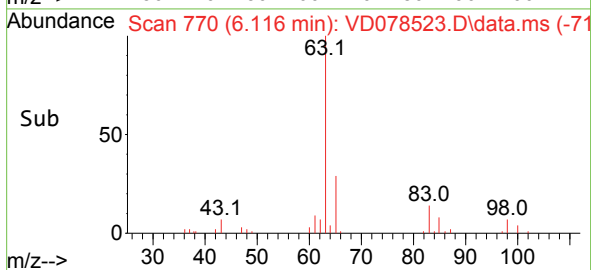
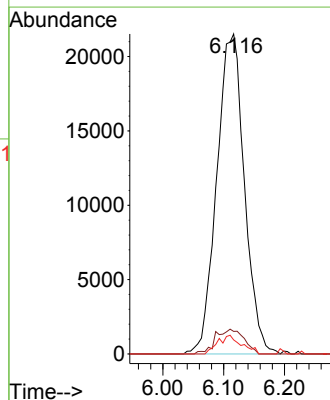
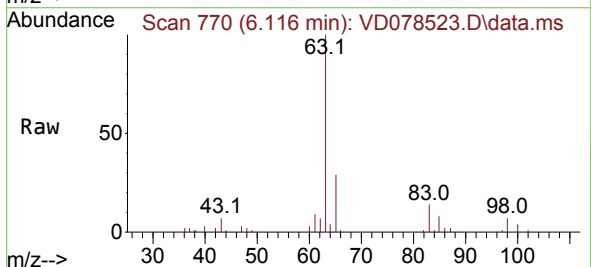
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MS

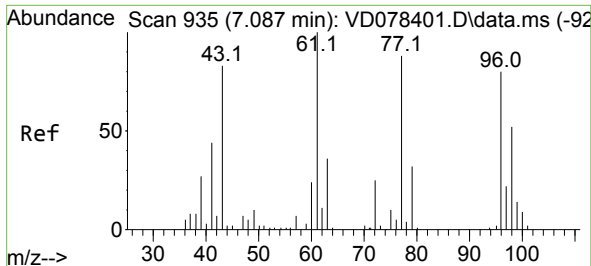
Tgt Ion: 43 Resp: 66574
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 55.916 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078523.D
 Acq: 22 Feb 2024 17:54

Tgt Ion: 63 Resp: 67870
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 4.4 2.5 7.5

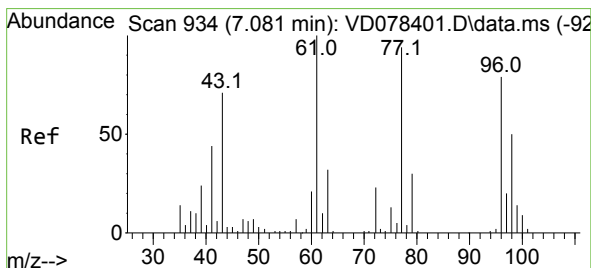
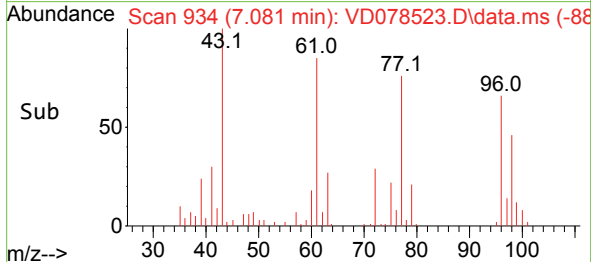
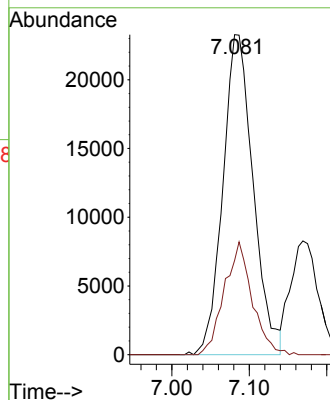
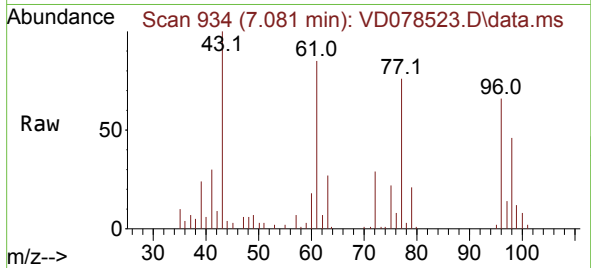




#25
2-Butanone
Concen: 410.610 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

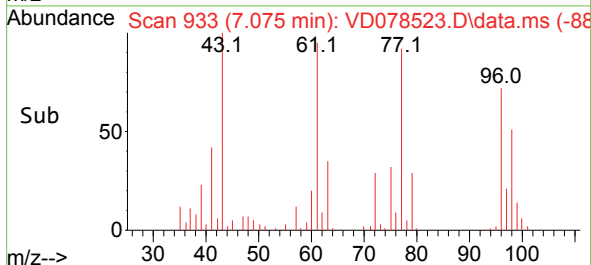
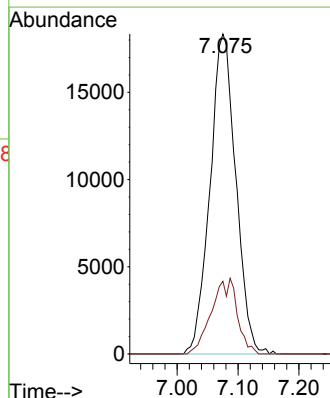
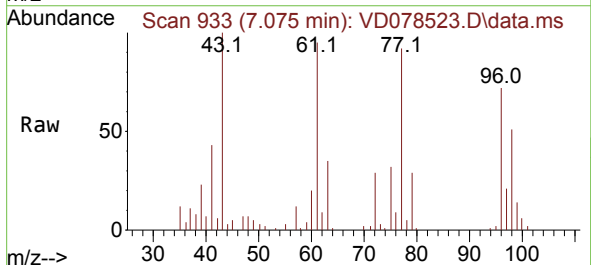
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 43 Resp: 63336
Ion Ratio Lower Upper
43 100
72 29.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 53.120 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 77 Resp: 54050
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.725 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

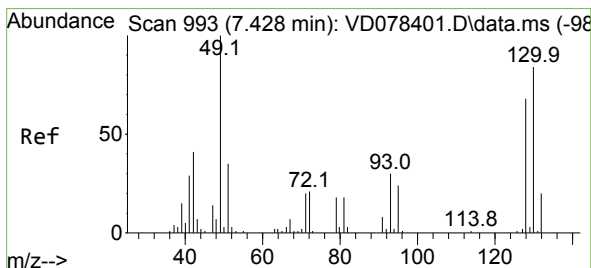
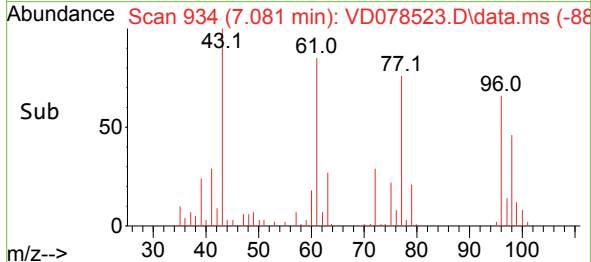
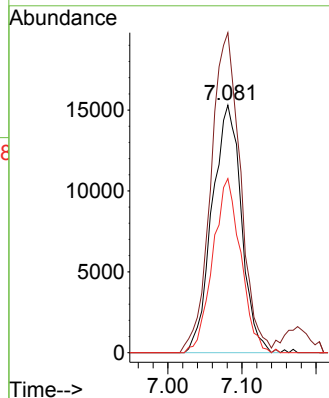
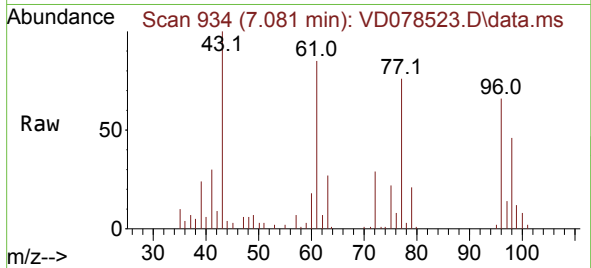
Tgt Ion: 96 Resp: 42011

Ion Ratio Lower Upper

96 100

61 130.3 0.0 239.2

98 67.3 0.0 128.6



#28

Bromochloromethane

Concen: 62.848 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

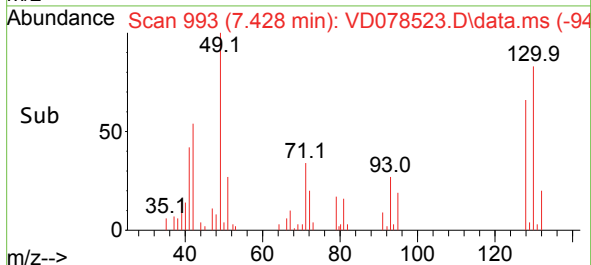
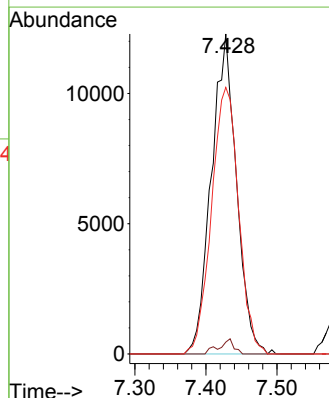
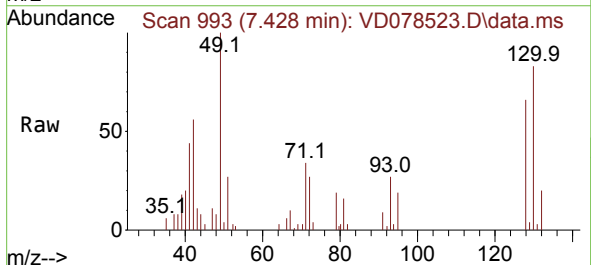
Tgt Ion: 49 Resp: 30214

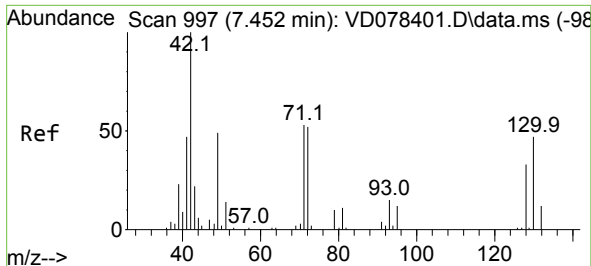
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 89.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 387.150 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

Lab File: VD078523.D

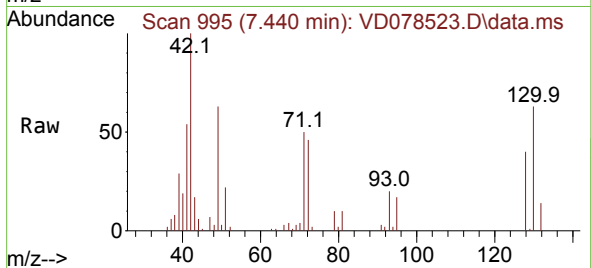
Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



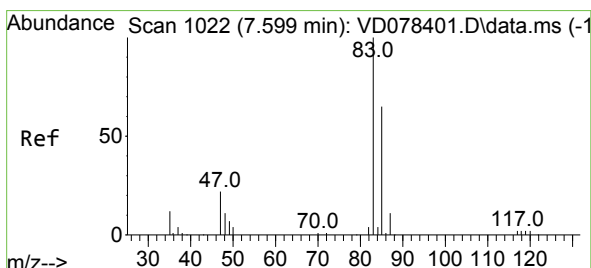
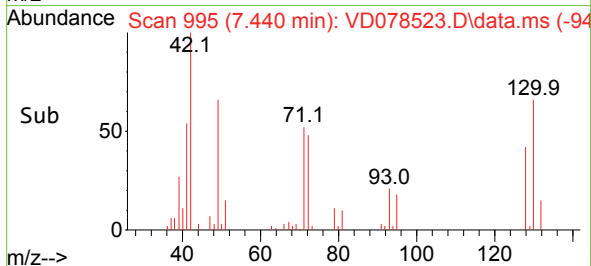
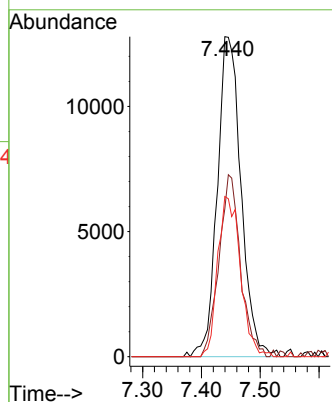
Tgt Ion: 42 Resp: 35935

Ion Ratio Lower Upper

42 100

72 51.4 46.5 69.7

71 47.8 44.5 66.7



#30

Chloroform

Concen: 58.810 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078523.D

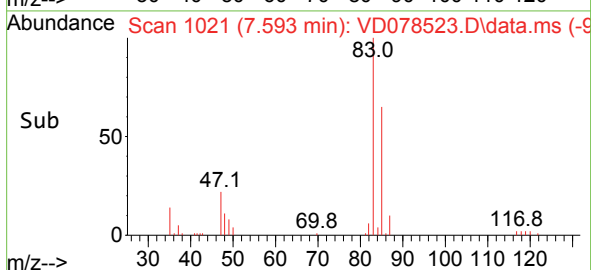
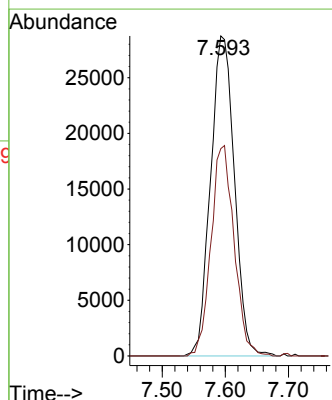
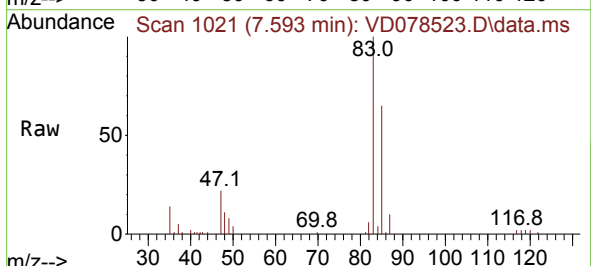
Acq: 22 Feb 2024 17:54

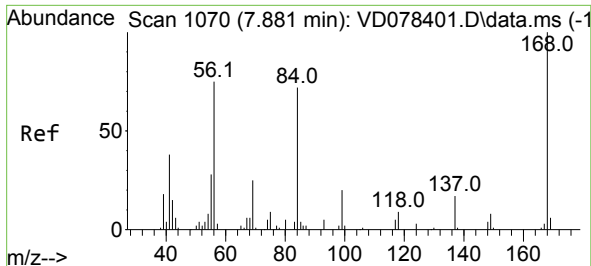
Tgt Ion: 83 Resp: 75525

Ion Ratio Lower Upper

83 100

85 64.8 53.4 80.2

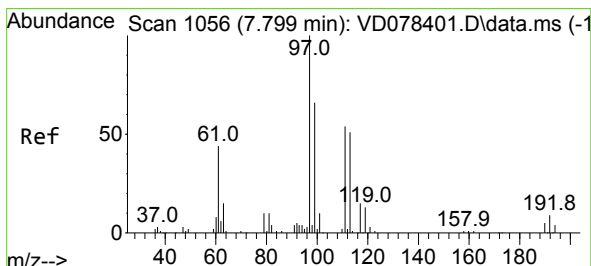
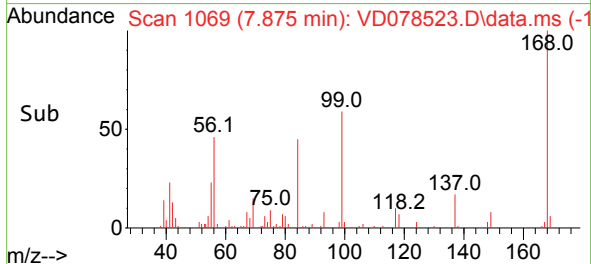
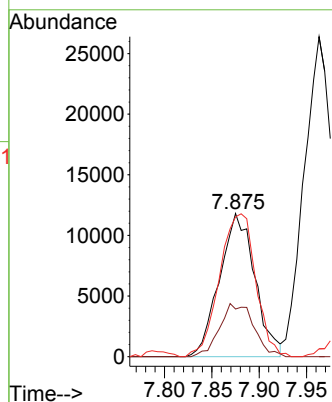
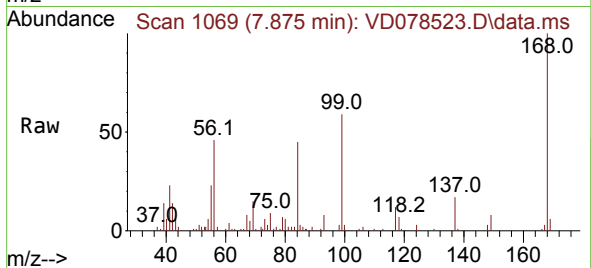




#31
Cyclohexane
Concen: 29.020 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

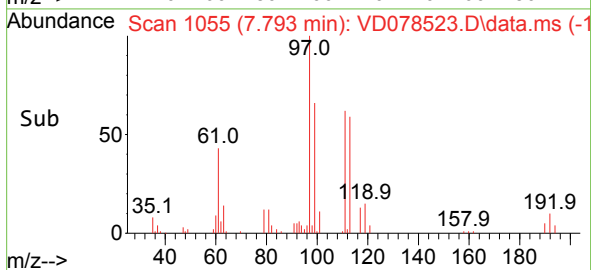
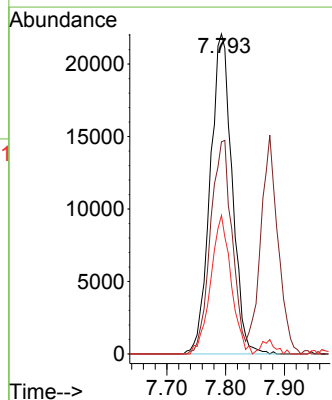
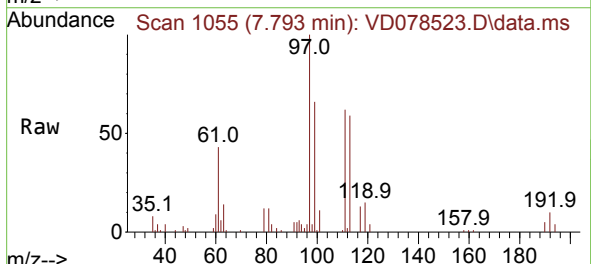
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

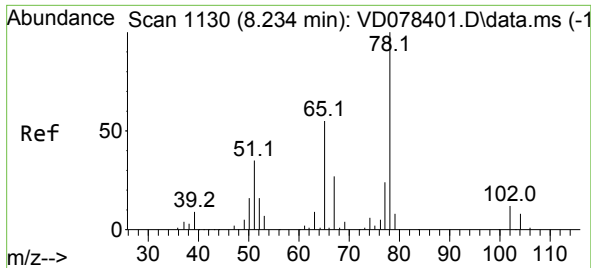
Tgt Ion: 56 Resp: 30639
Ion Ratio Lower Upper
56 100
69 33.3 28.6 43.0
84 97.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.231 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 97 Resp: 57189
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 69.816 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

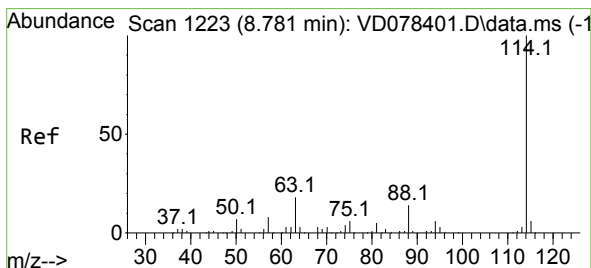
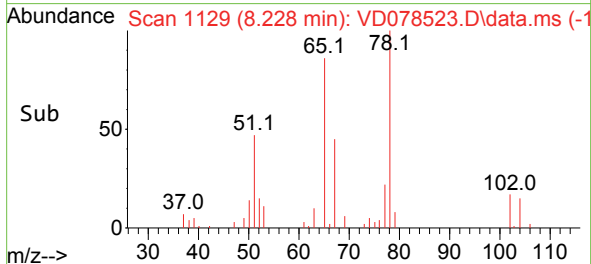
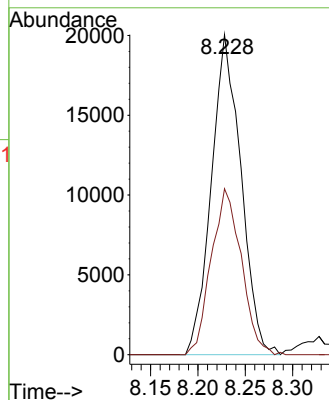
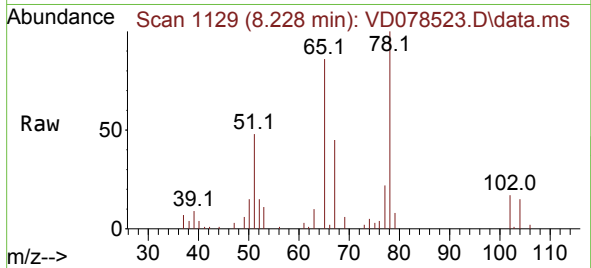
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 65 Resp: 43575

Ion Ratio Lower Upper

65 100

67 52.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

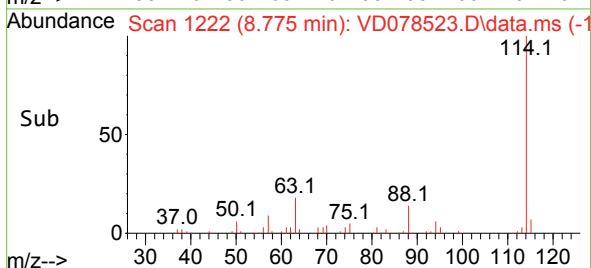
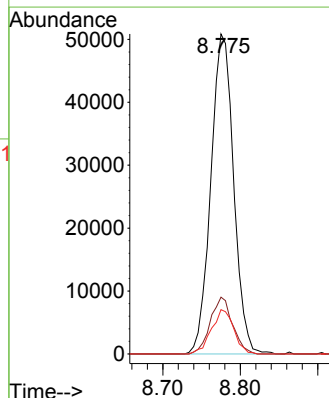
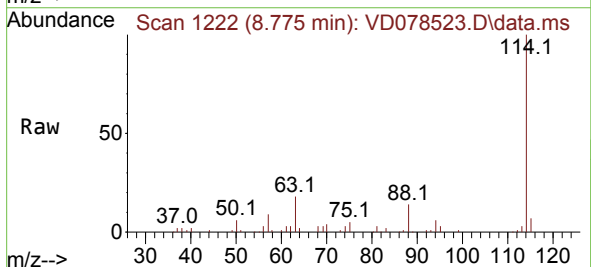
Tgt Ion:114 Resp: 103917

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

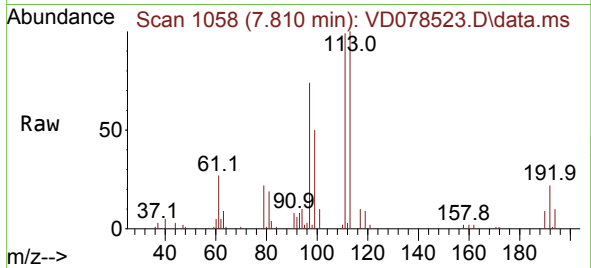
88 13.8 0.0 26.2



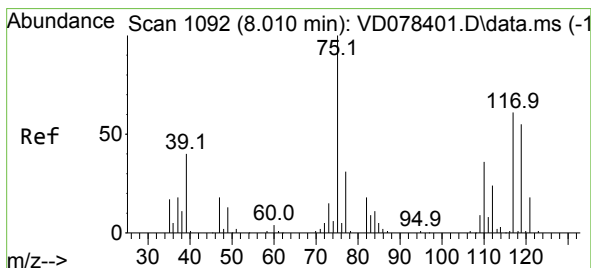
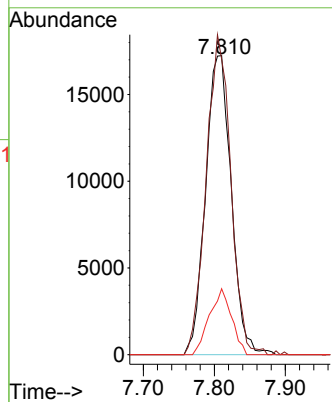
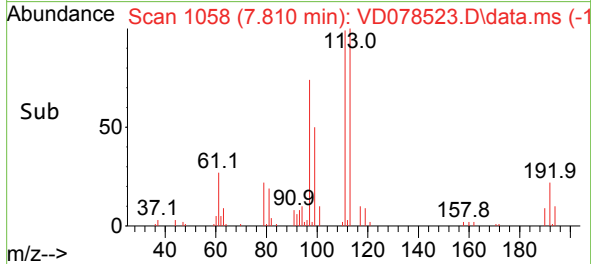


#35
Dibromofluoromethane
Concen: 65.667 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

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

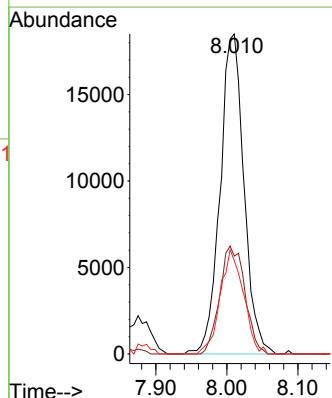
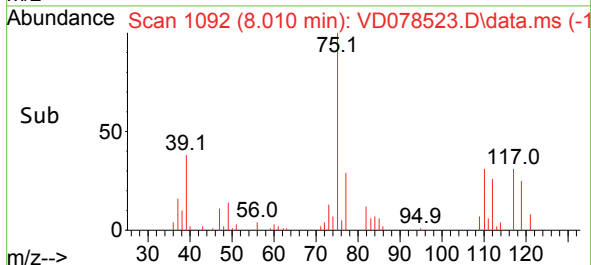
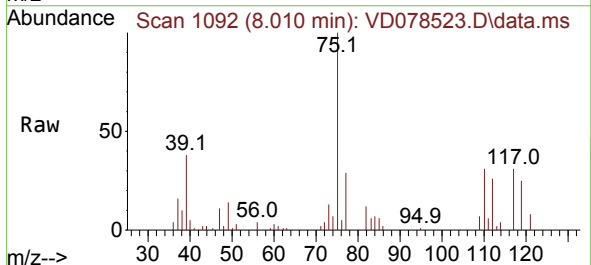


Tgt Ion:113 Resp: 43347
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 42.012 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 75 Resp: 43081
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 56.720 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD078523.D

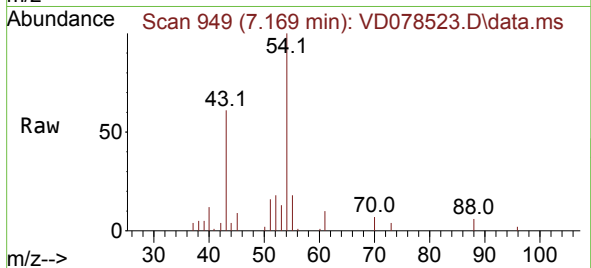
Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



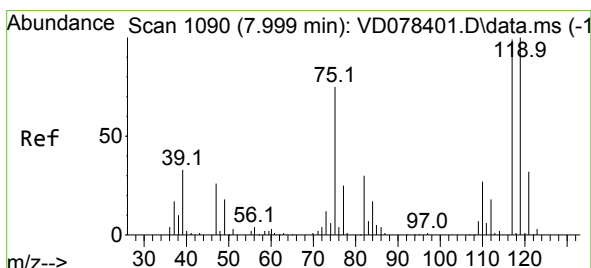
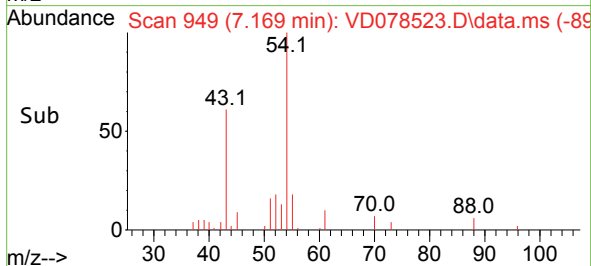
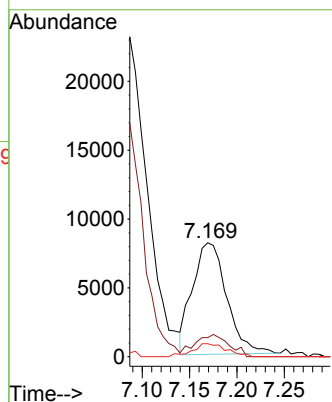
Tgt Ion: 43 Resp: 20389

Ion Ratio Lower Upper

43 100

61 19.6 14.9 22.3

70 11.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 25.309 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

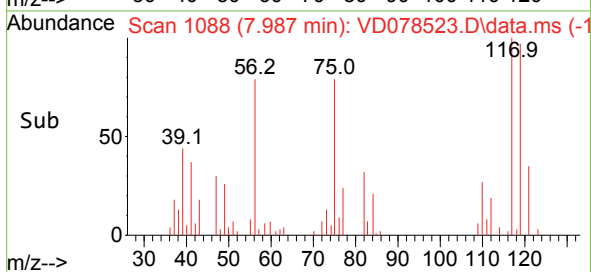
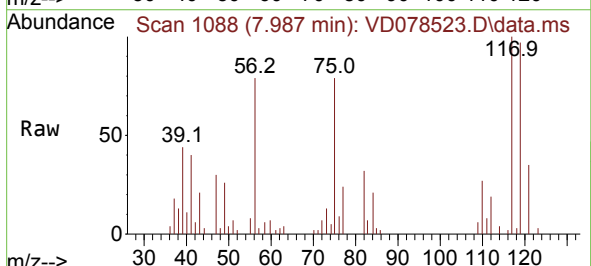
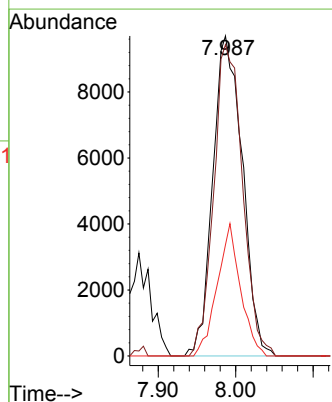
Tgt Ion: 117 Resp: 25702

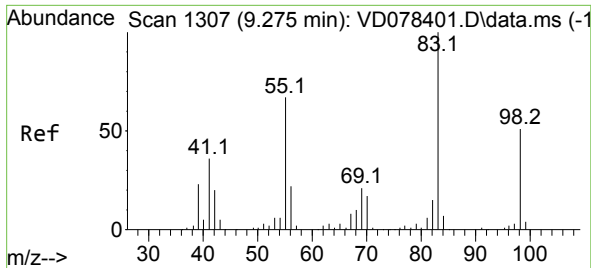
Ion Ratio Lower Upper

117 100

119 97.3 78.0 117.0

121 34.7 24.2 36.2





#39

Methylcyclohexane

Concen: 18.125 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078523.D

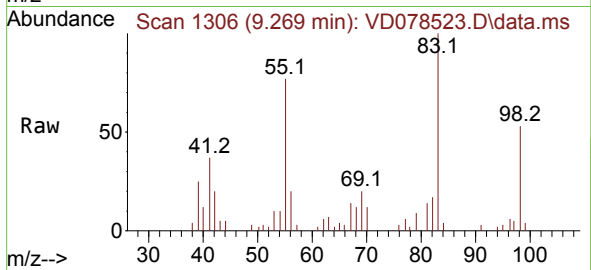
Acq: 22 Feb 2024 17:54

Instrument :

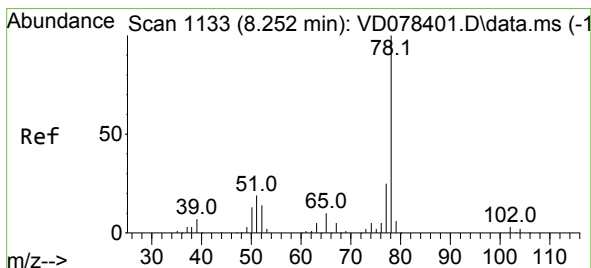
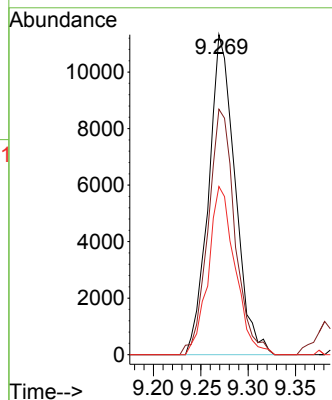
MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



Tgt Ion:	83	Resp:	22065
Ion	Ratio	Lower	Upper
83	100		
55	76.7	49.4	74.0#
98	52.5	38.4	57.6



#40

Benzene

Concen: 52.964 ug/l

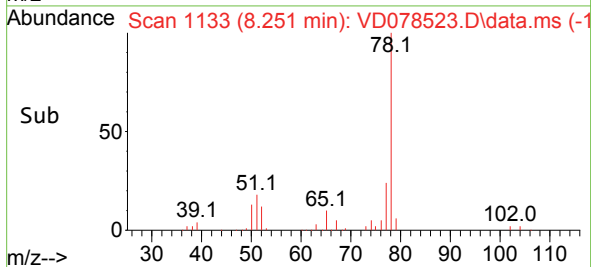
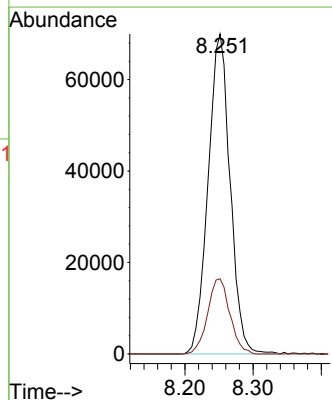
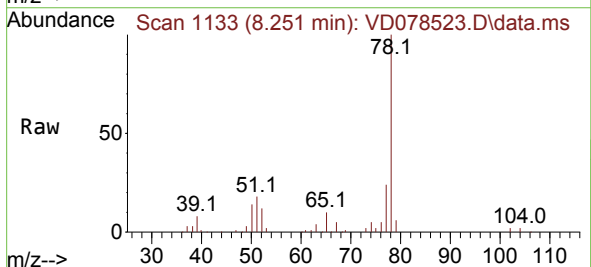
RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Tgt Ion:	78	Resp:	156985
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0

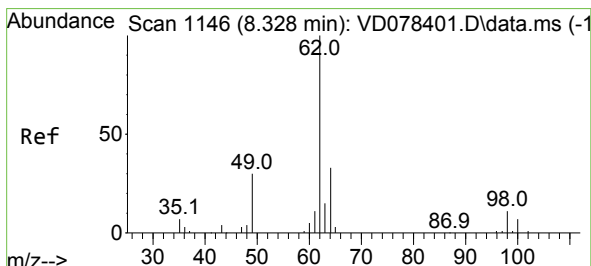
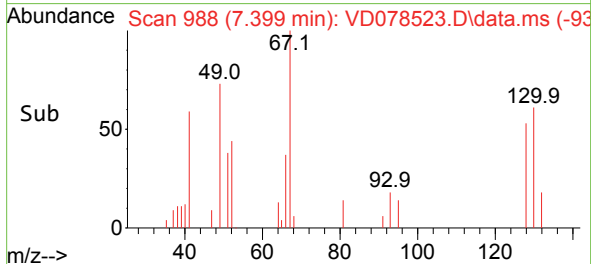
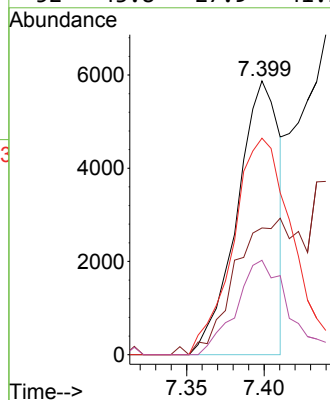
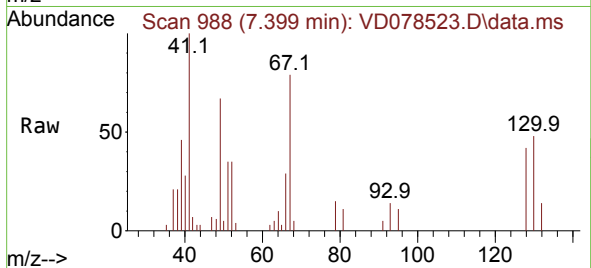




#41
Methacrylonitrile
Concen: 59.665 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

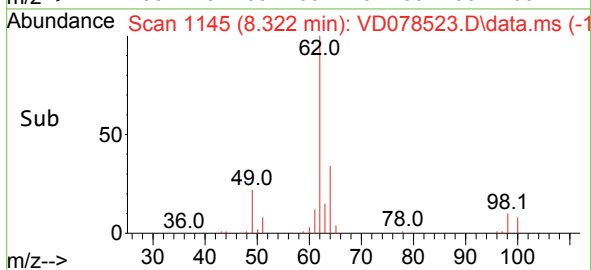
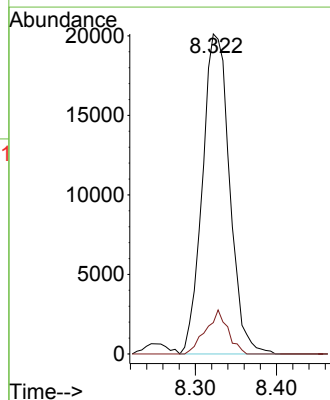
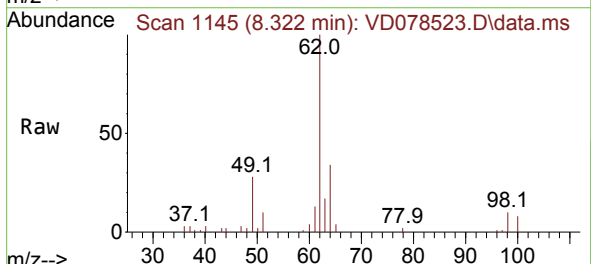
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

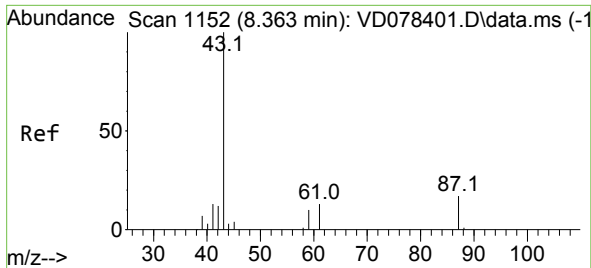
Tgt Ion:	41	Resp:	11162
Ion	Ratio	Lower	Upper
41	100		
39	63.1	34.0	51.0#
67	112.1	77.0	115.4
52	43.8	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 61.073 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	62	Resp:	46839
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	25.4

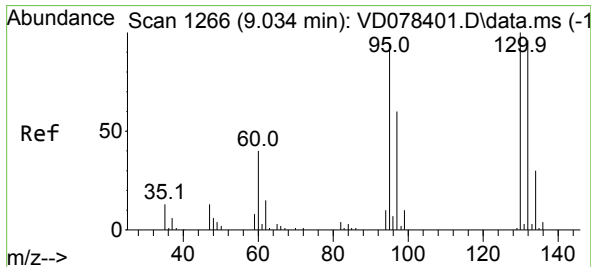
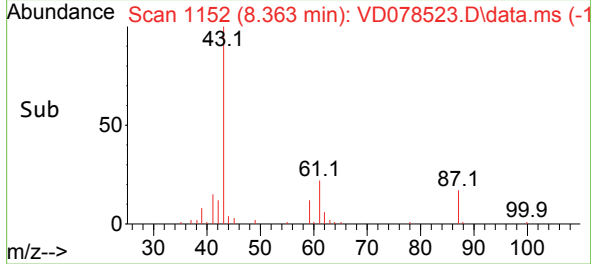
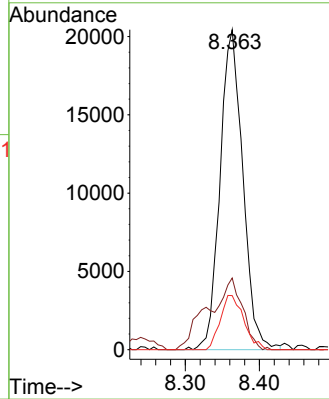
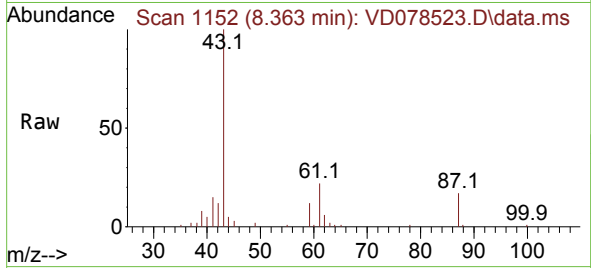




#43
Isopropyl Acetate
Concen: 65.520 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

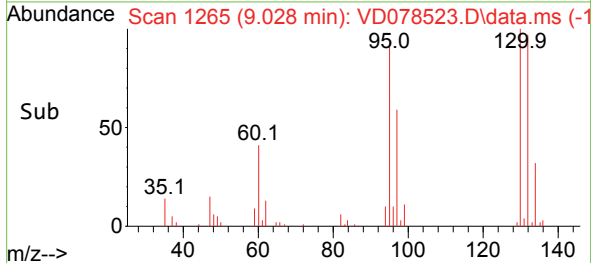
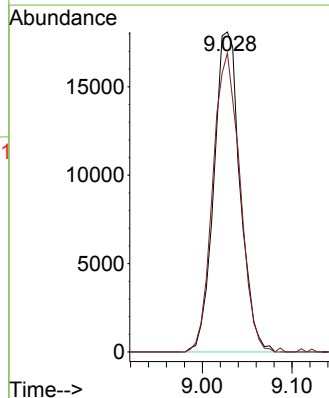
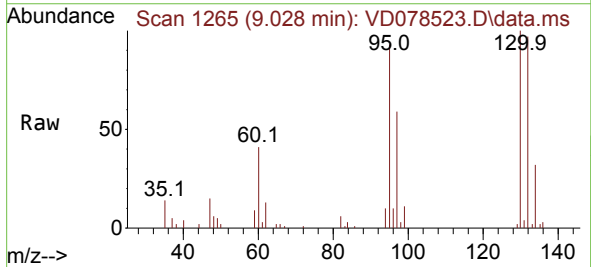
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

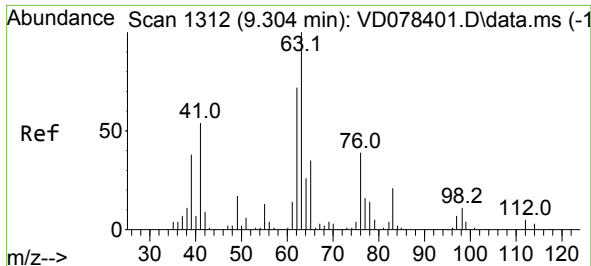
Tgt Ion: 43 Resp: 43613
Ion Ratio Lower Upper
43 100
61 20.9 31.4 47.0#
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 48.505 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:130 Resp: 36678
Ion Ratio Lower Upper
130 100
95 93.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 56.085 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

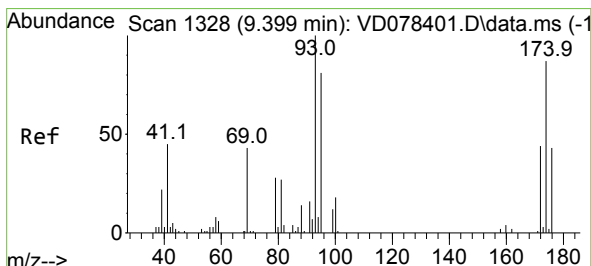
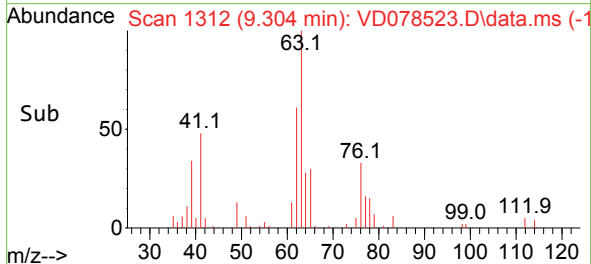
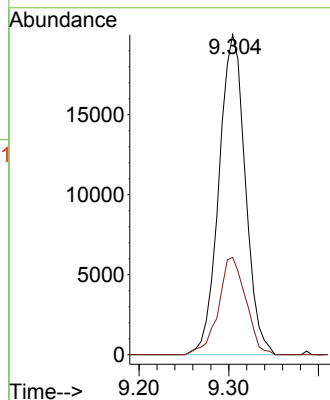
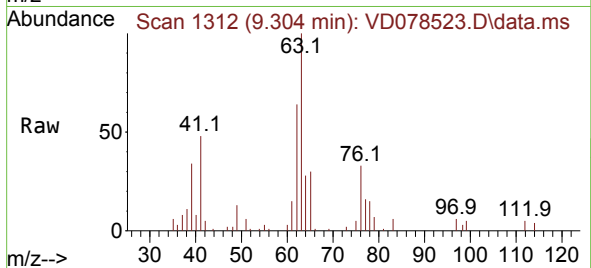
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 63 Resp: 40787

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 62.245 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.012 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

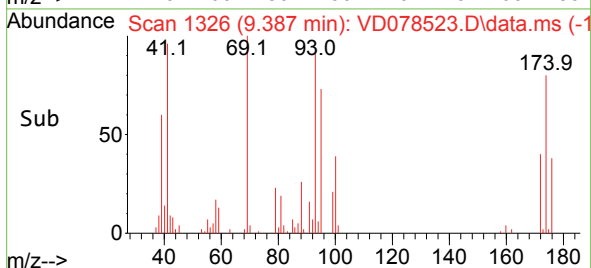
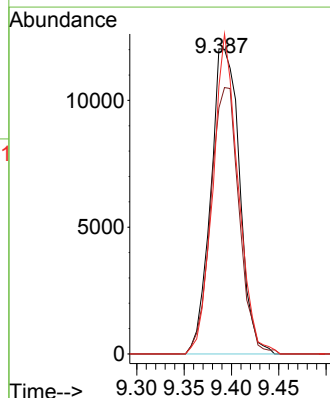
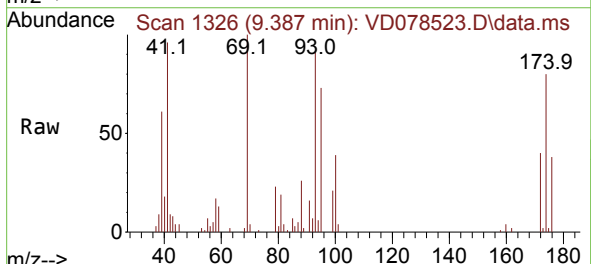
Tgt Ion: 93 Resp: 25461

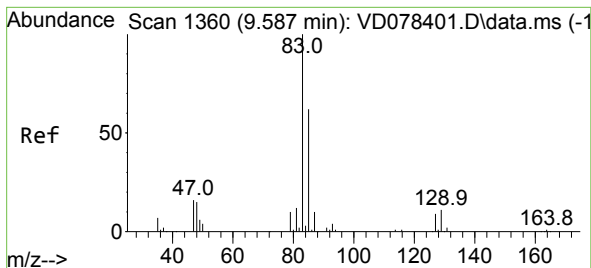
Ion Ratio Lower Upper

93 100

95 85.7 67.7 101.5

174 91.8 85.4 128.2





#47

Bromodichloromethane

Concen: 55.915 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

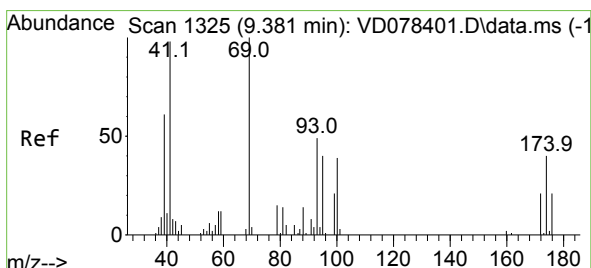
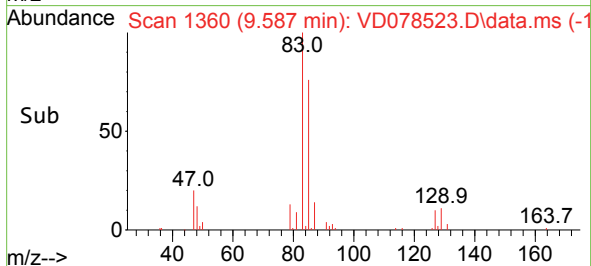
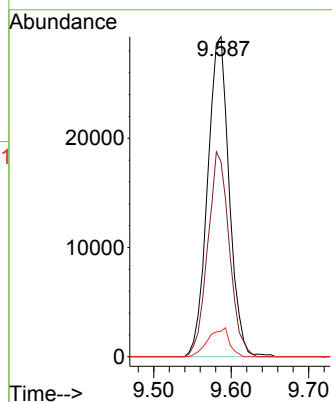
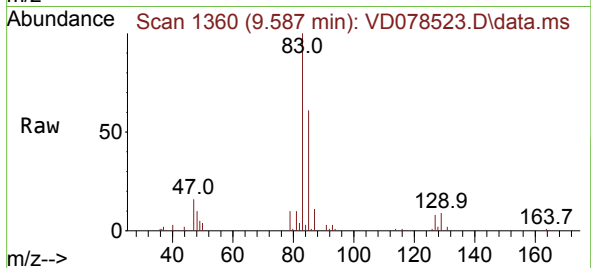
Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:	83	Resp:	56650
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.2	75.4
127	8.0	6.3	9.5



#48

Methyl methacrylate

Concen: 77.041 ug/l

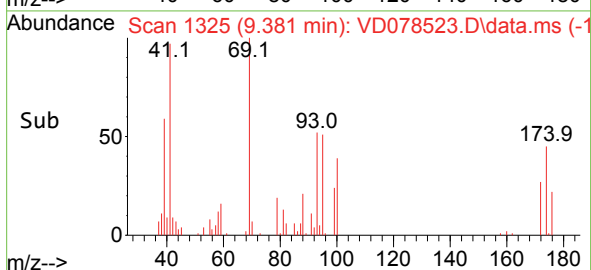
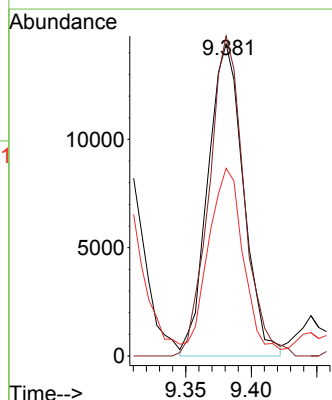
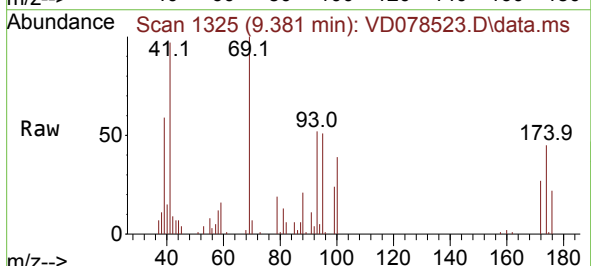
RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Tgt Ion:	41	Resp:	27207
Ion	Ratio	Lower	Upper
41	100		
69	100.0	102.2	153.2#
39	60.0	41.4	62.2





#49

1,4-Dioxane

Concen: 1652.894 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078523.D

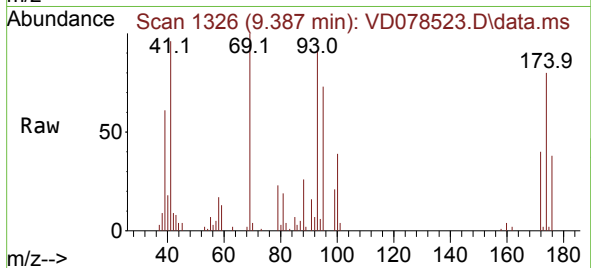
Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



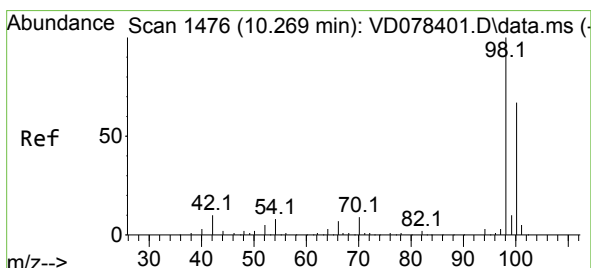
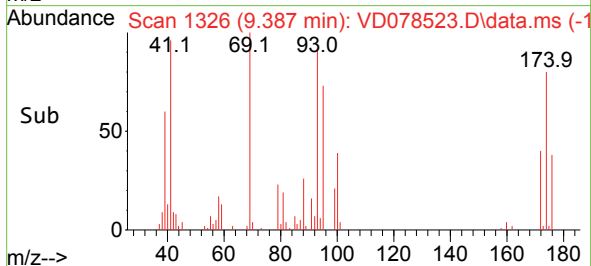
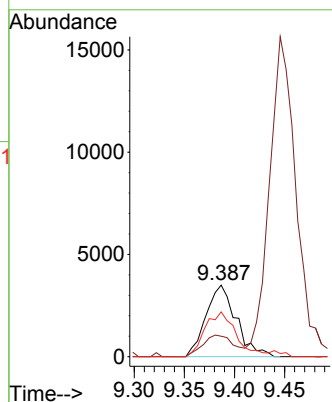
Tgt Ion: 88 Resp: 7322

Ion Ratio Lower Upper

88 100

43 31.5 19.0 28.6#

58 64.6 43.5 65.3



#50

Toluene-d8

Concen: 53.660 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078523.D

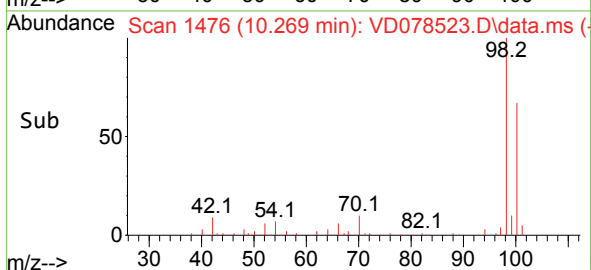
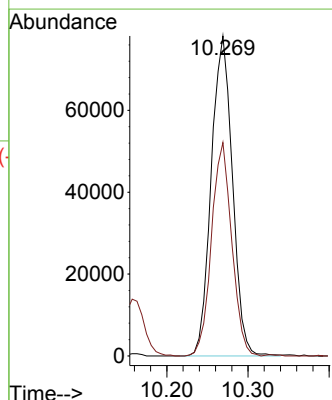
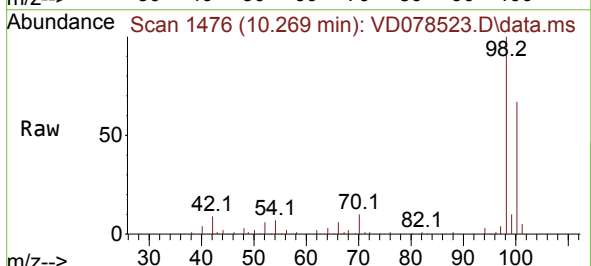
Acq: 22 Feb 2024 17:54

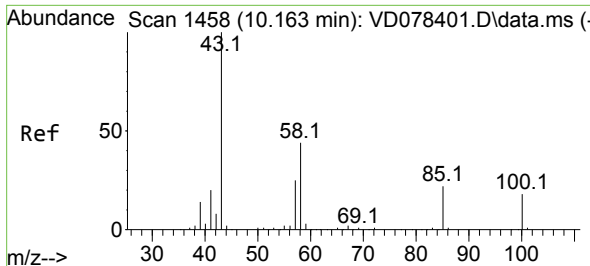
Tgt Ion: 98 Resp: 141694

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

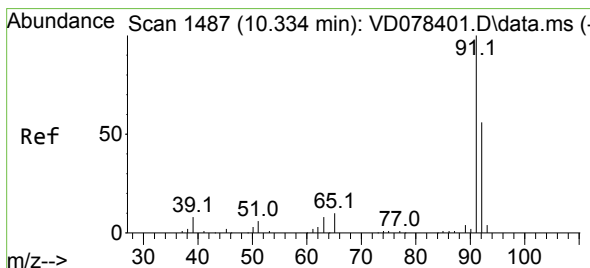
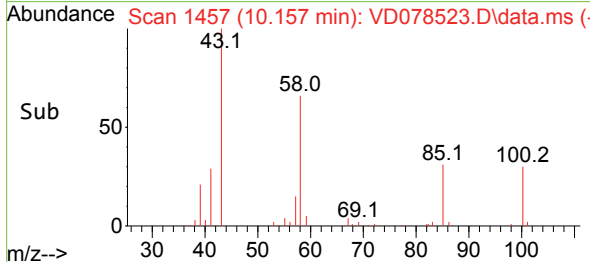
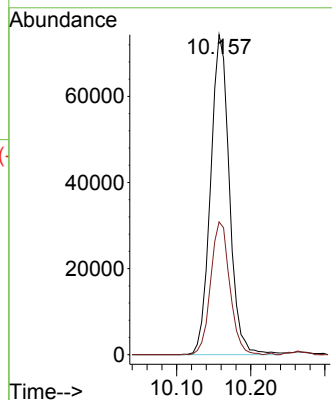
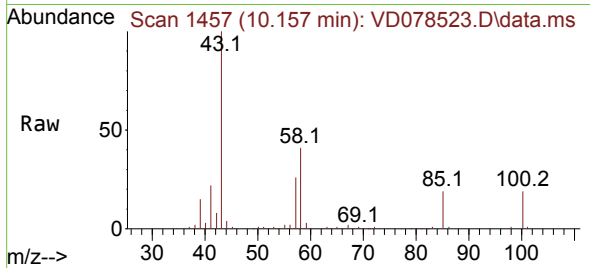




#51
4-Methyl-2-Pentanone
Concen: 370.925 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

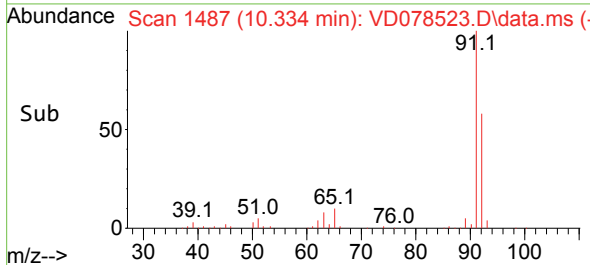
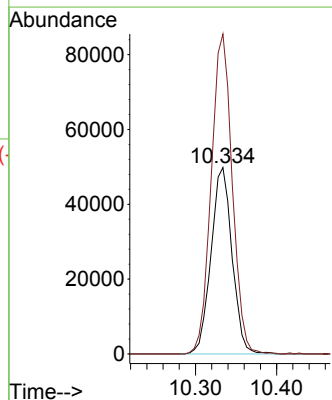
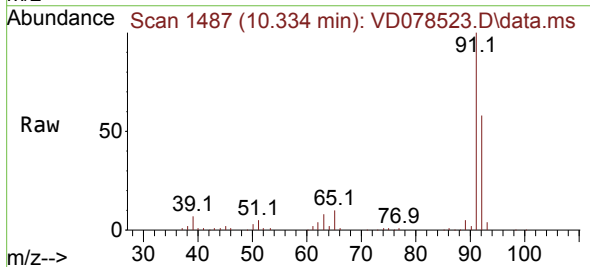
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

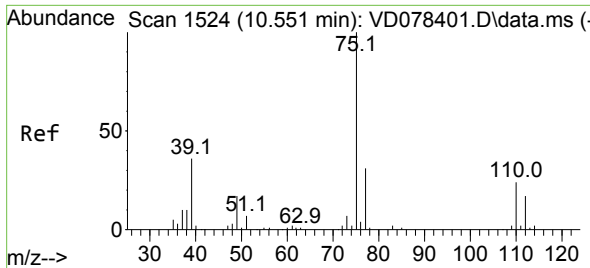
Tgt Ion: 43 Resp: 131044
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3



#52
Toluene
Concen: 47.814 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 92 Resp: 89622
Ion Ratio Lower Upper
92 100
91 171.7 143.0 214.4

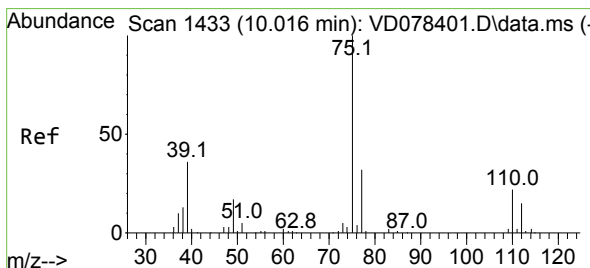
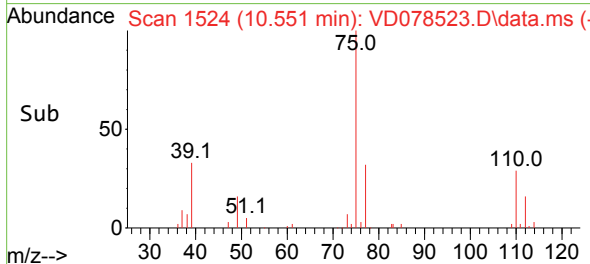
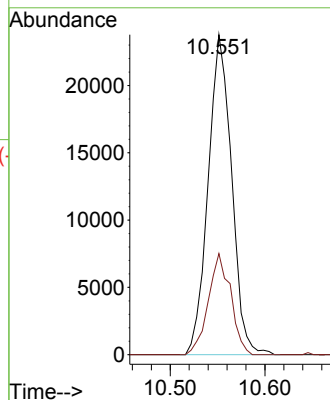
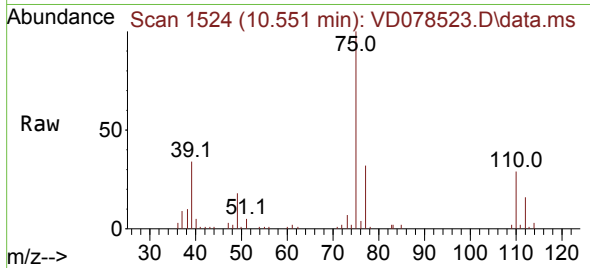




#53
t-1,3-Dichloropropene
Concen: 44.226 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

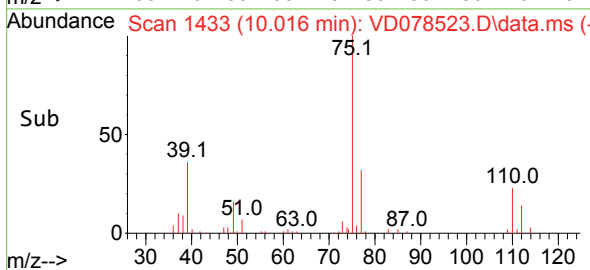
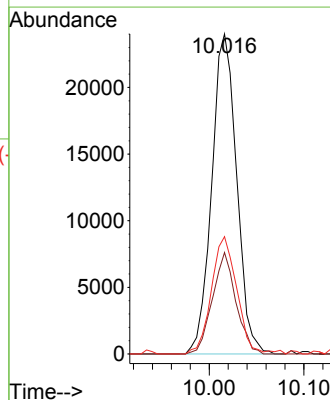
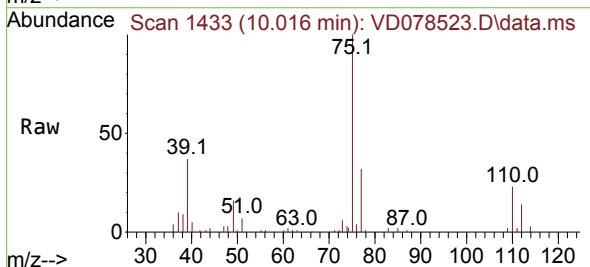
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

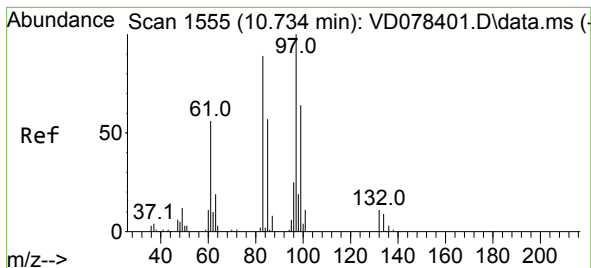
Tgt Ion: 75 Resp: 40885
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 39.153 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 75 Resp: 43890
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 36.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 64.910 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 97 Resp: 35756

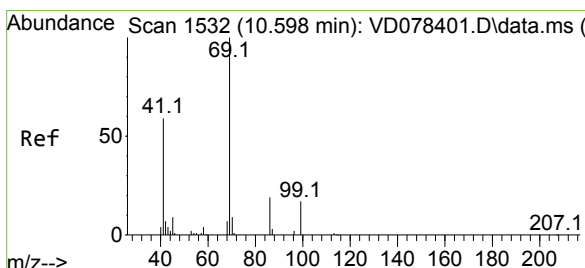
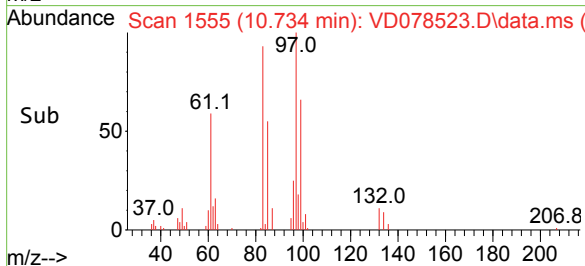
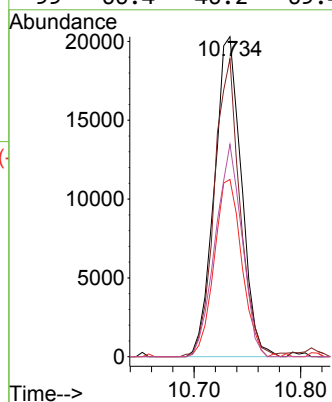
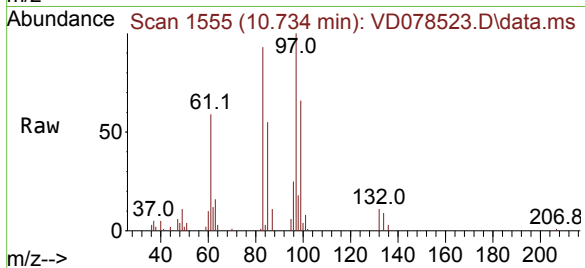
Ion Ratio Lower Upper

97 100

83 93.1 65.8 98.6

85 55.4 45.7 68.5

99 66.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 54.225 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

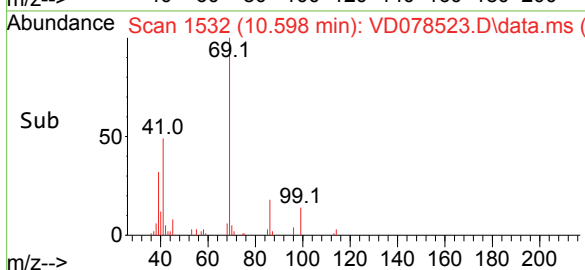
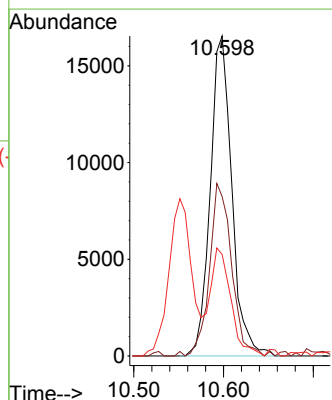
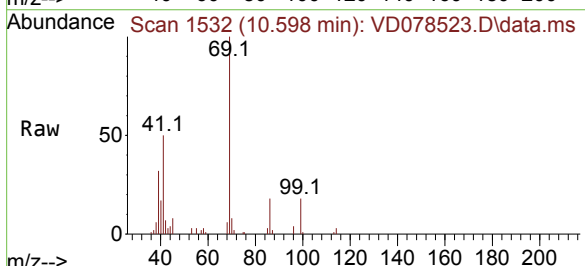
Tgt Ion: 69 Resp: 27626

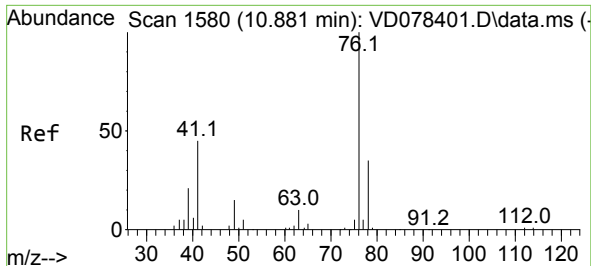
Ion Ratio Lower Upper

69 100

41 55.1 39.1 58.7

39 32.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 62.062 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

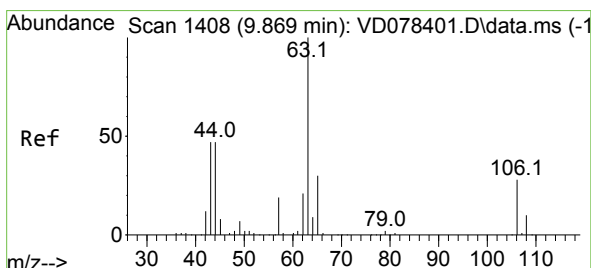
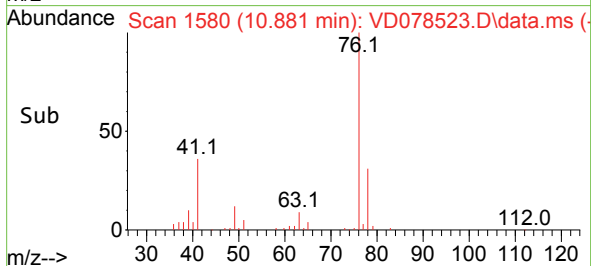
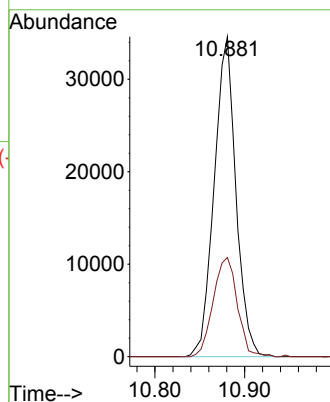
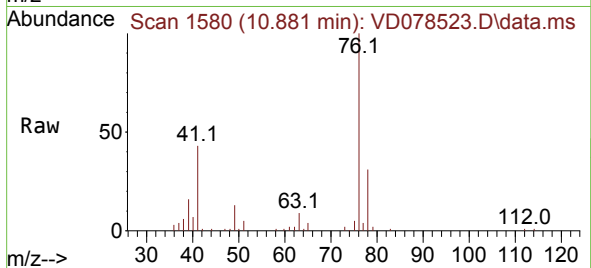
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 76 Resp: 58155

Ion Ratio Lower Upper

76 100

78 34.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 374.990 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078523.D

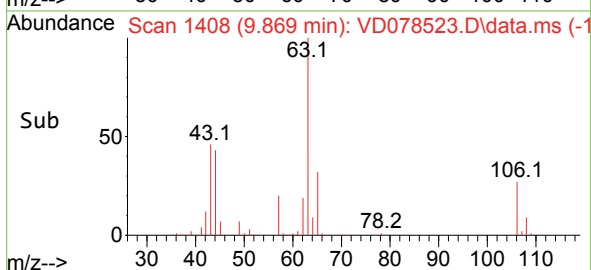
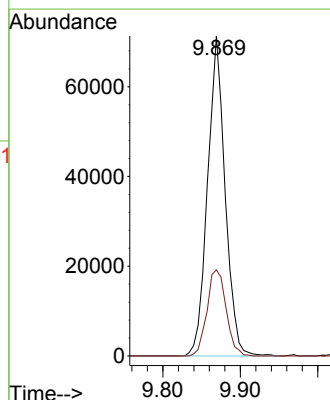
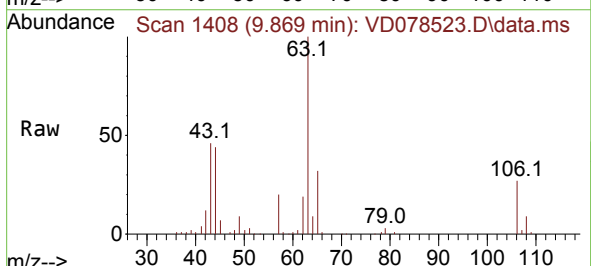
Acq: 22 Feb 2024 17:54

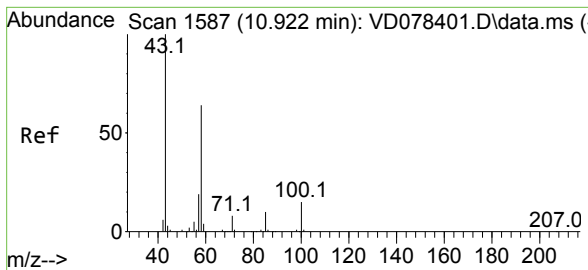
Tgt Ion: 63 Resp: 112533

Ion Ratio Lower Upper

63 100

106 29.3 25.3 37.9

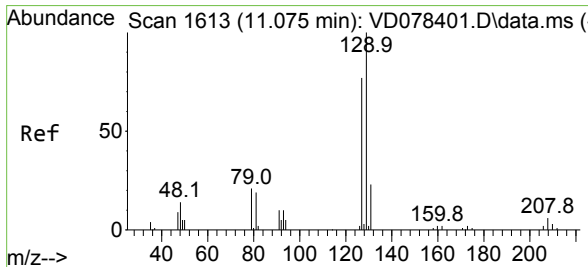
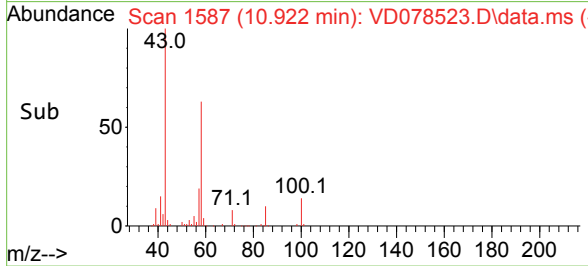
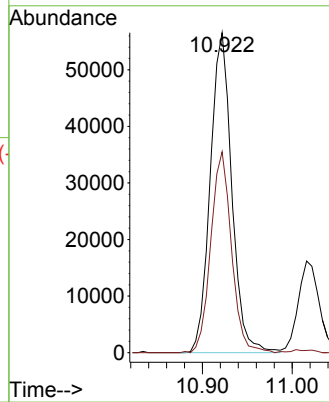
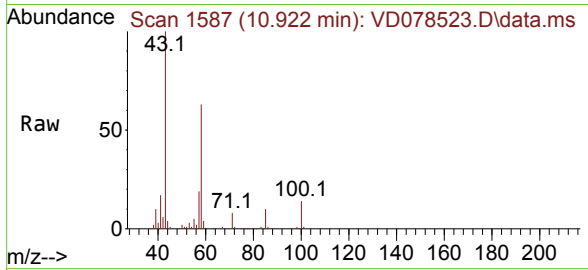




#59
2-Hexanone
Concen: 354.861 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

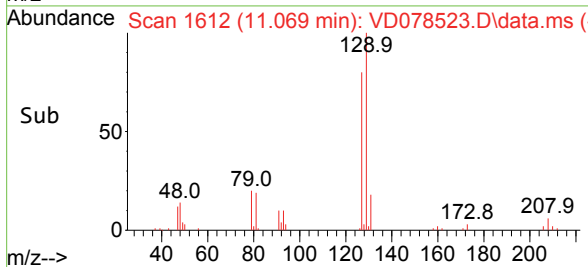
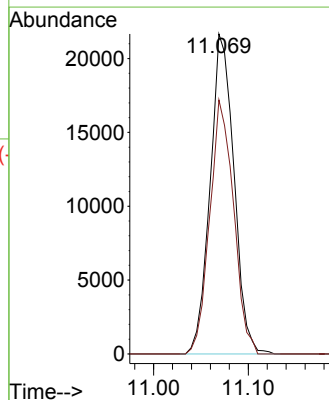
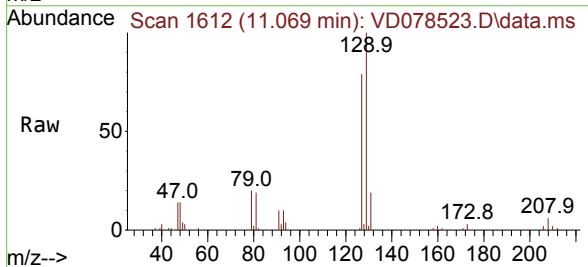
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

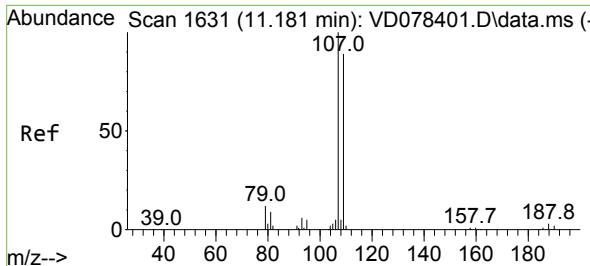
Tgt Ion: 43 Resp: 94216
Ion Ratio Lower Upper
43 100
58 60.4 34.1 102.2



#60
Dibromochloromethane
Concen: 57.054 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:129 Resp: 37814
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5

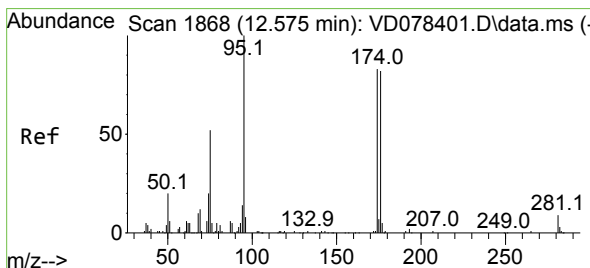
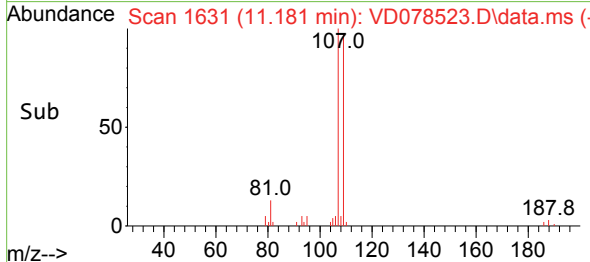
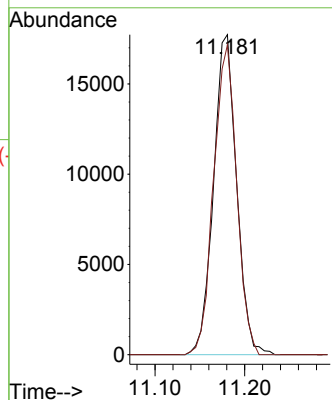
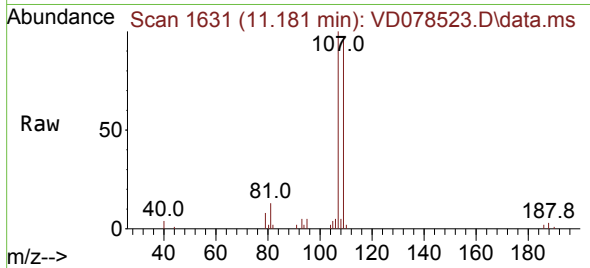




#61
1,2-Dibromoethane
Concen: 61.216 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

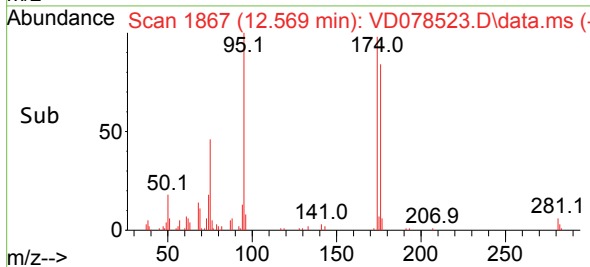
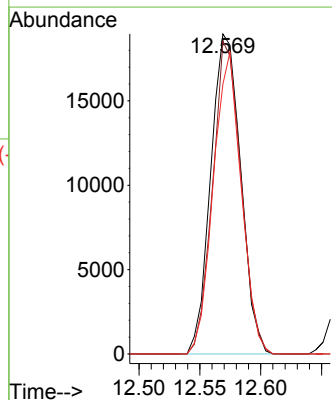
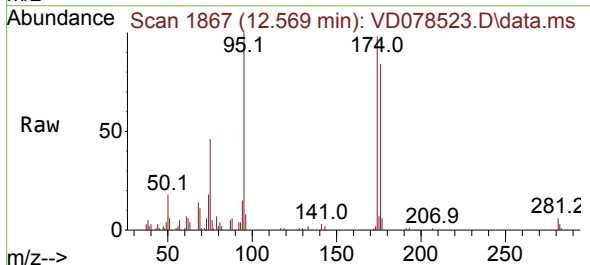
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

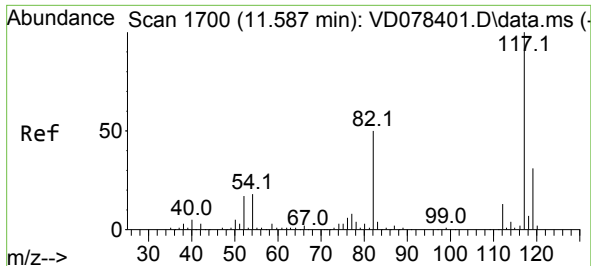
Tgt Ion:107 Resp: 31658
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.098 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 95 Resp: 32349
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 88.1 0.0 191.8

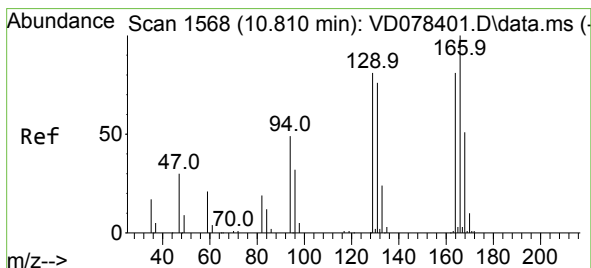
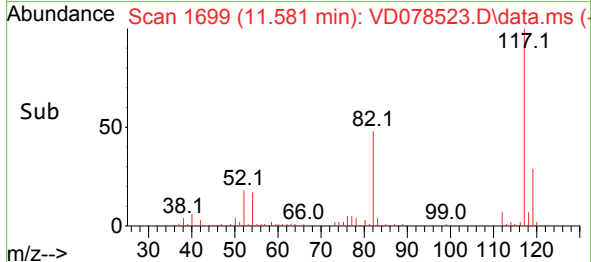
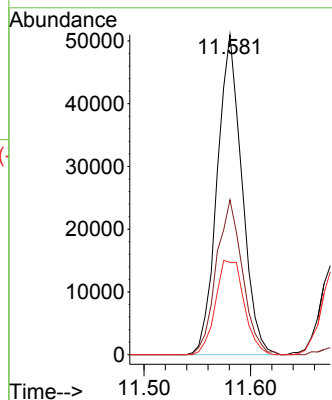
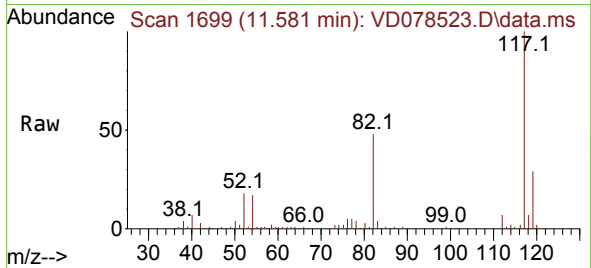




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

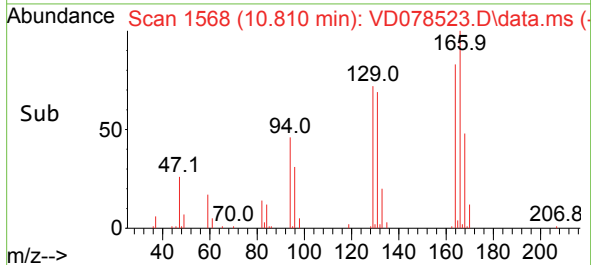
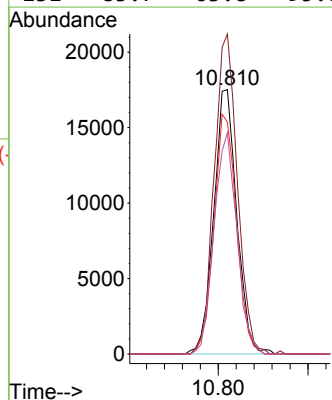
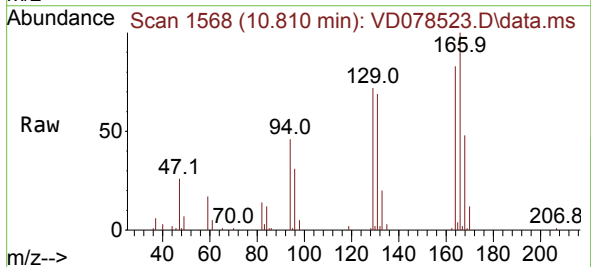
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

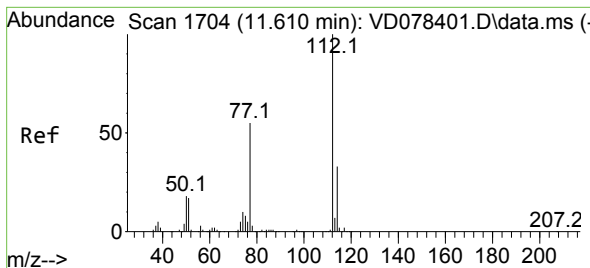
Tgt Ion:117 Resp: 82257
Ion Ratio Lower Upper
117 100
82 48.4 38.3 57.5
119 28.8 25.0 37.4



#64
Tetrachloroethene
Concen: 60.105 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:164 Resp: 31228
Ion Ratio Lower Upper
164 100
166 121.1 99.2 148.8
129 87.7 68.4 102.6
131 83.7 63.8 95.8





#65

Chlorobenzene

Concen: 51.528 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

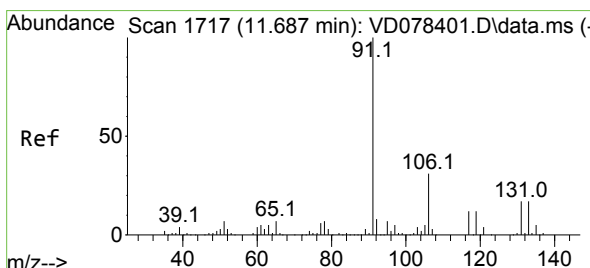
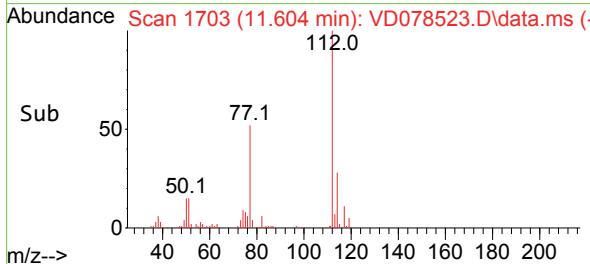
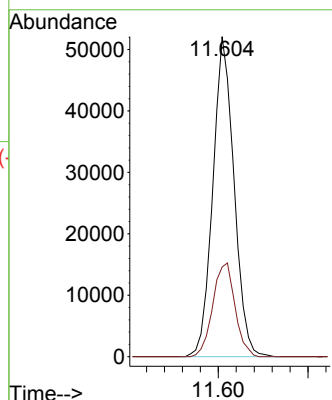
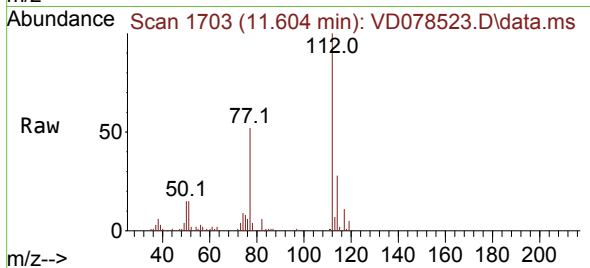
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:112 Resp: 85211

Ion Ratio Lower Upper

112 100

114 28.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 60.067 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

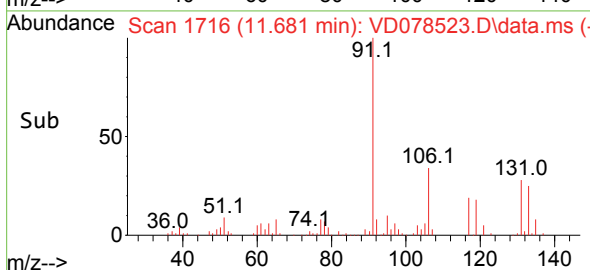
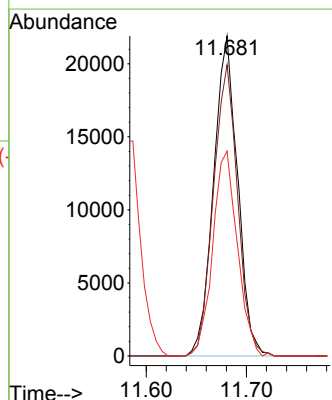
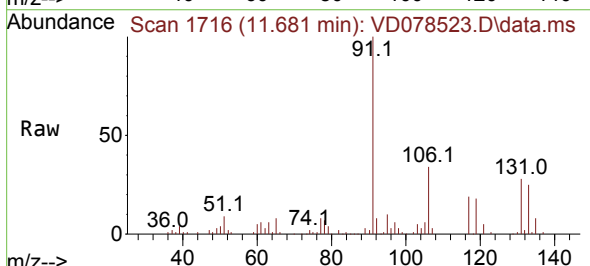
Tgt Ion:131 Resp: 36504

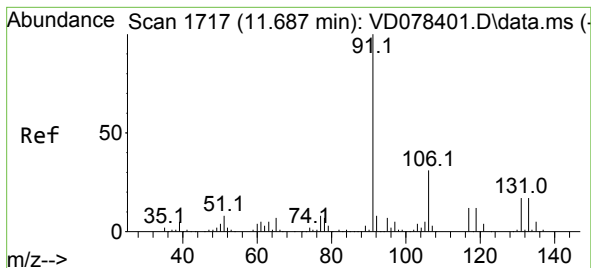
Ion Ratio Lower Upper

131 100

133 91.4 48.5 145.5

119 65.6 35.6 106.9





#67

Ethyl Benzene

Concen: 43.511 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

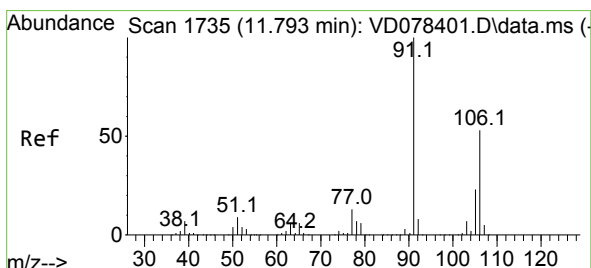
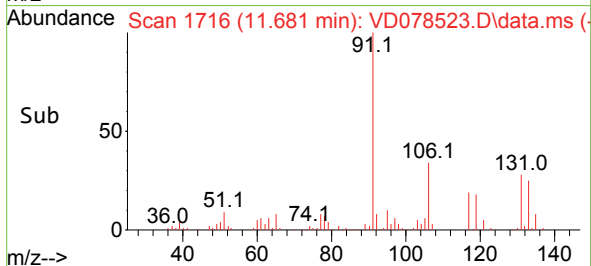
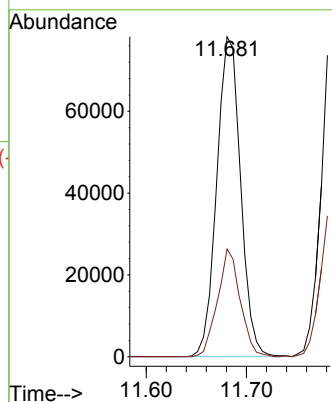
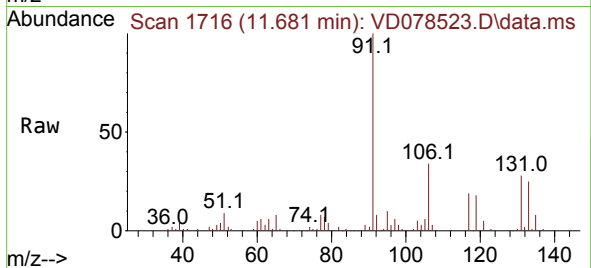
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion: 91 Resp: 128922

Ion Ratio Lower Upper

91 100

106 33.7 26.5 39.7



#68

m/p-Xylenes

Concen: 86.036 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078523.D

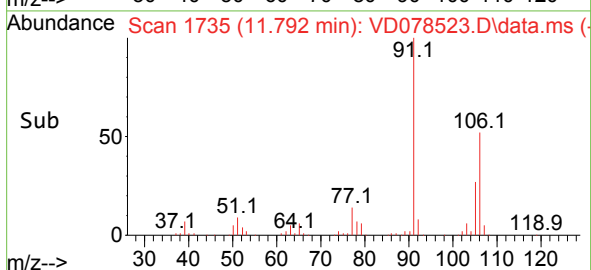
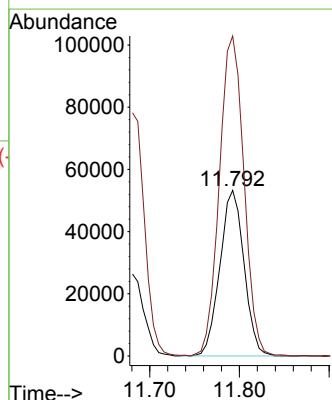
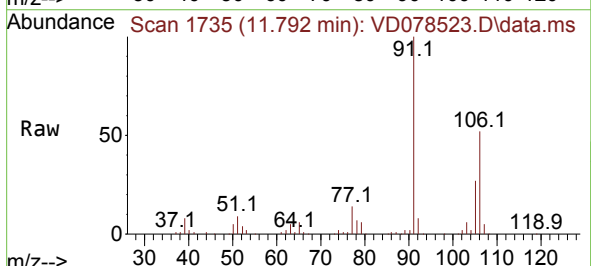
Acq: 22 Feb 2024 17:54

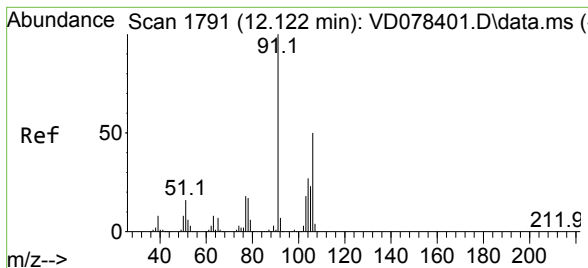
Tgt Ion: 106 Resp: 99437

Ion Ratio Lower Upper

106 100

91 196.9 147.0 220.6

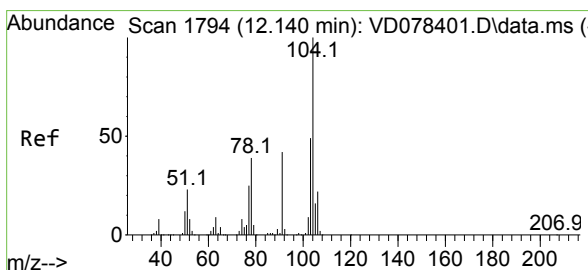
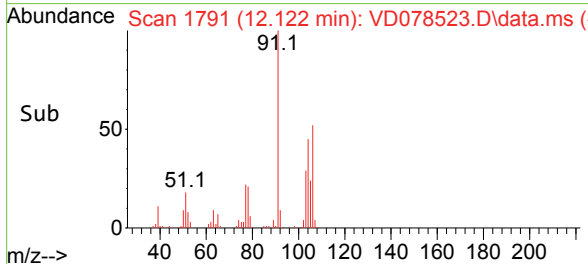
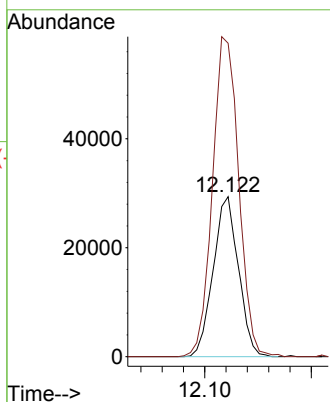
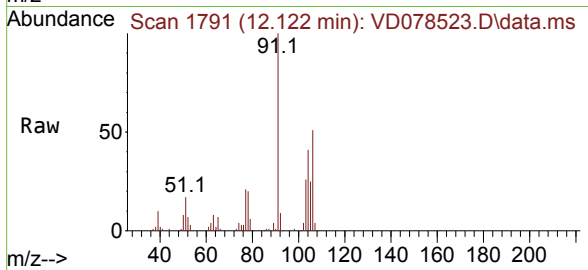




#69
o-Xylene
Concen: 45.774 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

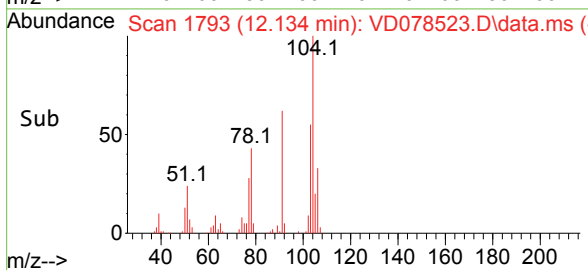
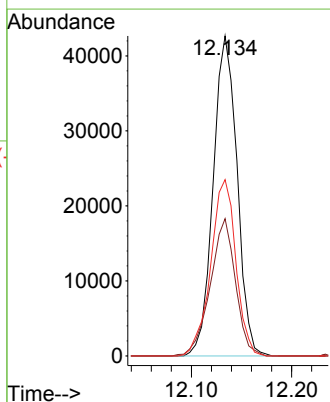
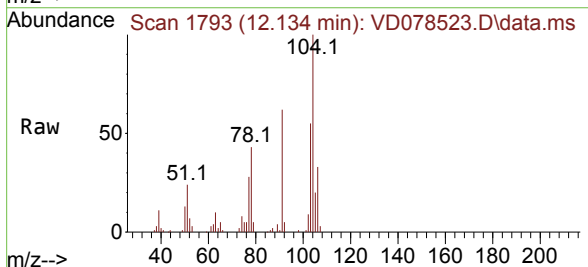
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

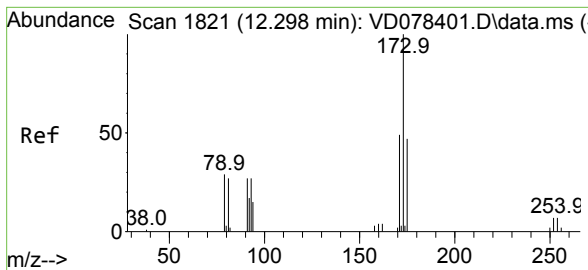
Tgt Ion:106 Resp: 48278
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 40.957 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:104 Resp: 70501
Ion Ratio Lower Upper
104 100
78 45.2 33.2 49.8
103 58.0 43.6 65.4

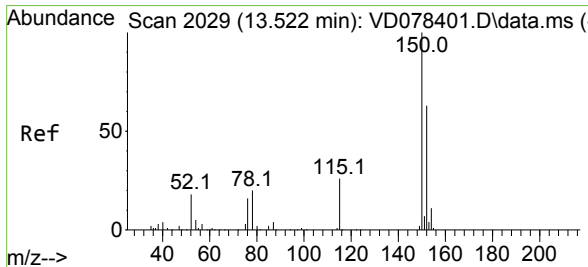
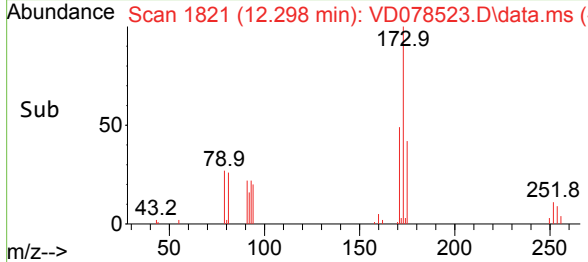
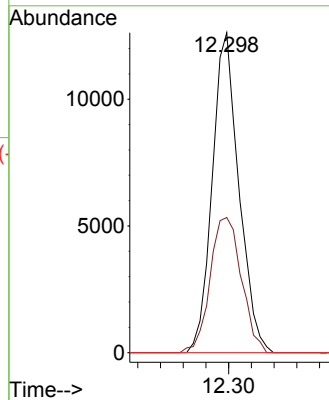
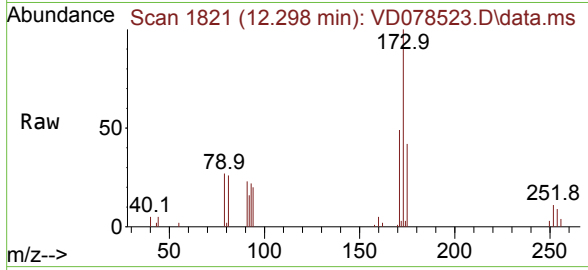




#71
Bromoform
Concen: 64.248 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

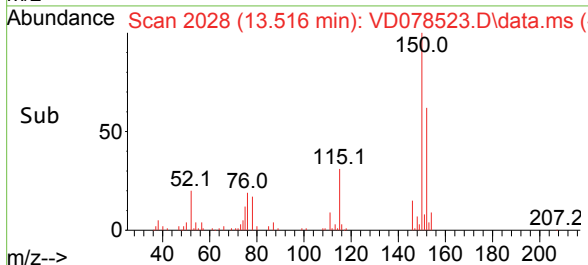
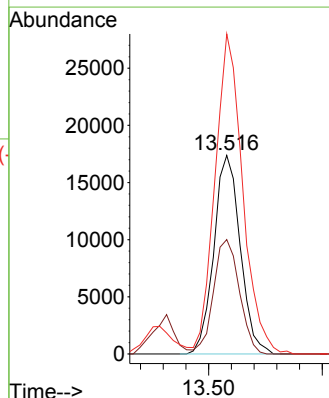
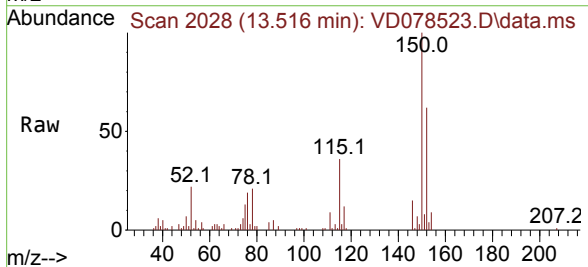
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

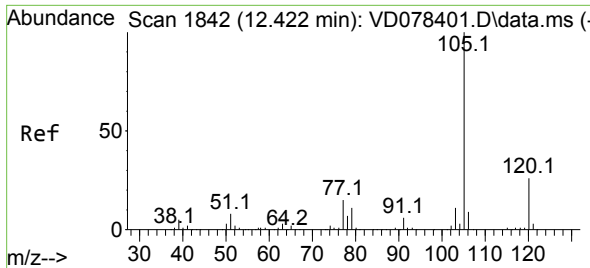
Tgt Ion:	173	Resp:	20551
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	152	Resp:	28038
Ion Ratio	Lower	Upper	
152	100		
115	56.3	27.1	81.3
150	169.0	0.0	353.6

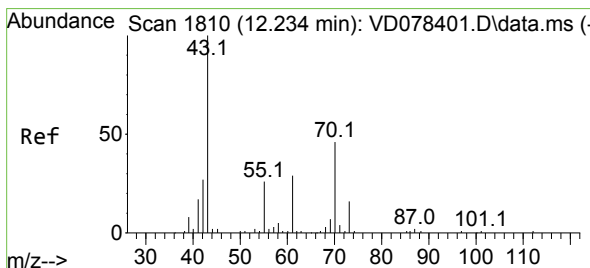
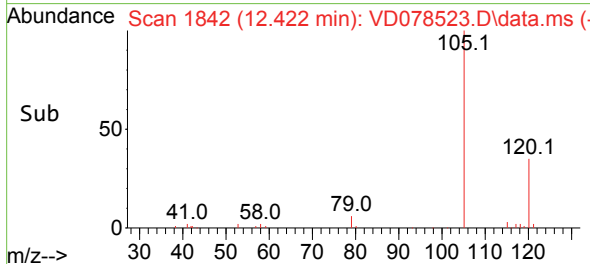
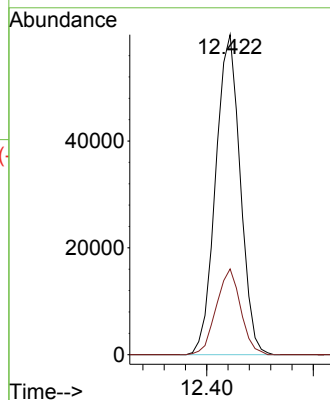
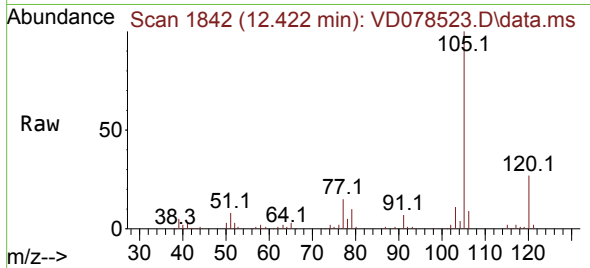




#73
Isopropylbenzene
Concen: 50.909 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

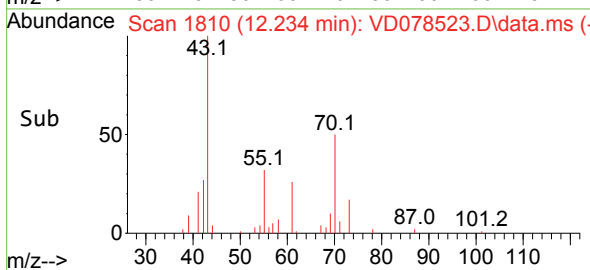
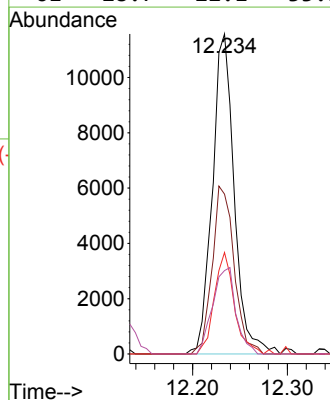
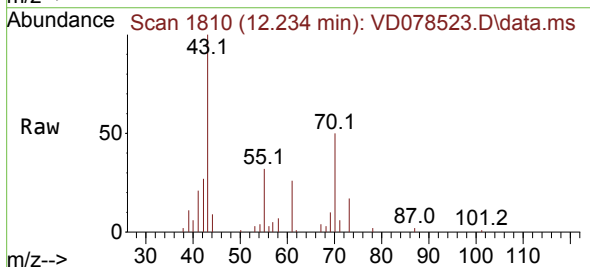
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

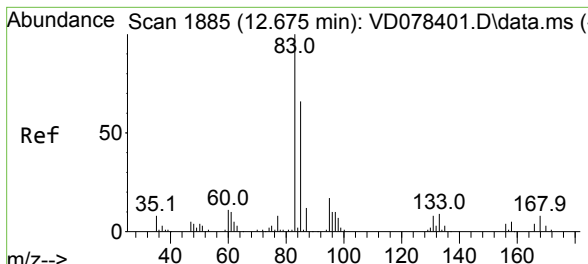
Tgt Ion:105 Resp: 95848
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 52.131 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 43 Resp: 18568
Ion Ratio Lower Upper
43 100
70 52.6 45.0 67.4
55 29.4 23.8 35.6
61 28.7 22.1 33.1

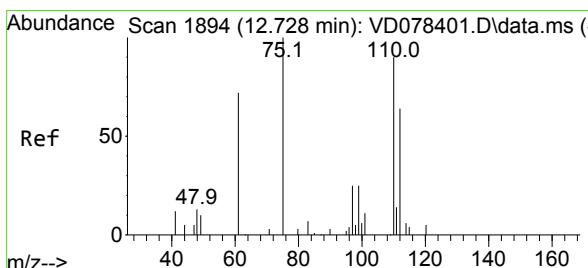
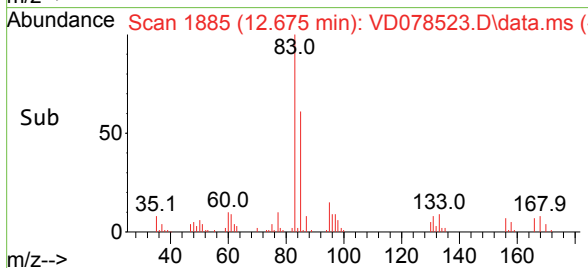
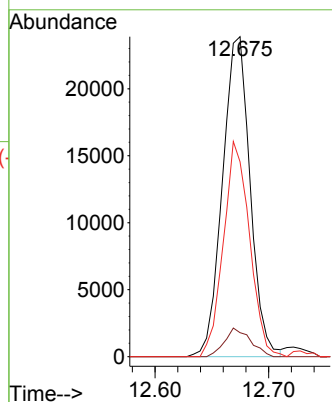
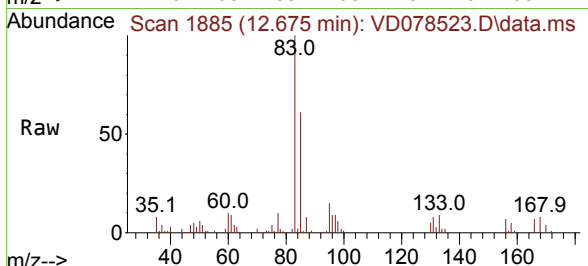




#75
1,1,2,2-Tetrachloroethane
Concen: 108.127 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

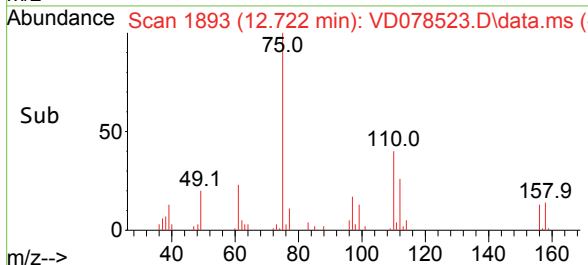
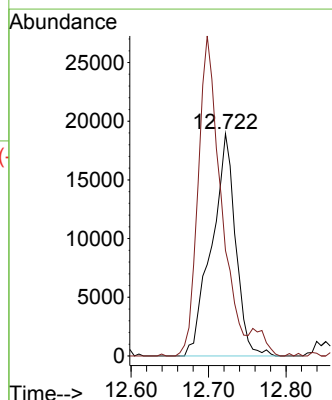
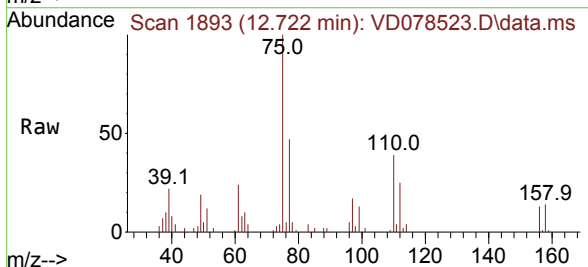
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

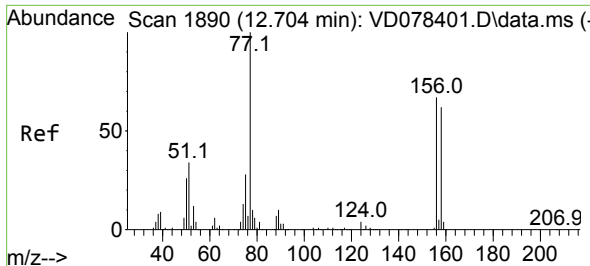
Tgt Ion: 83 Resp: 40382
Ion Ratio Lower Upper
83 100
131 8.4 5.1 15.3
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 170.715 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 75 Resp: 40636
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

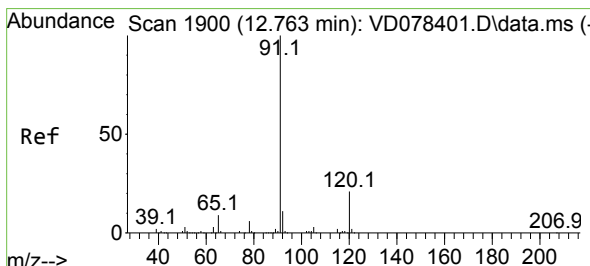
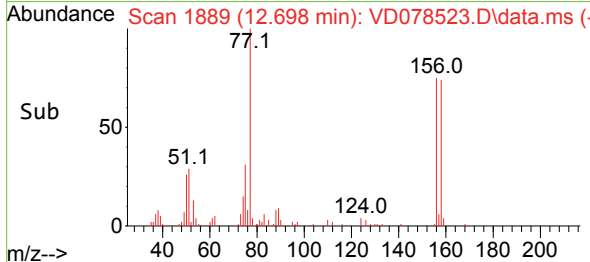
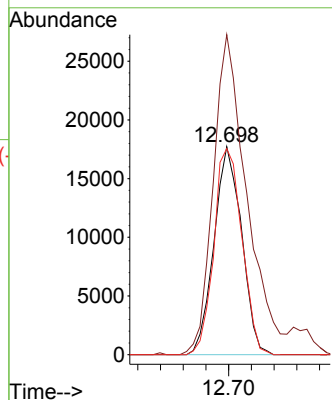
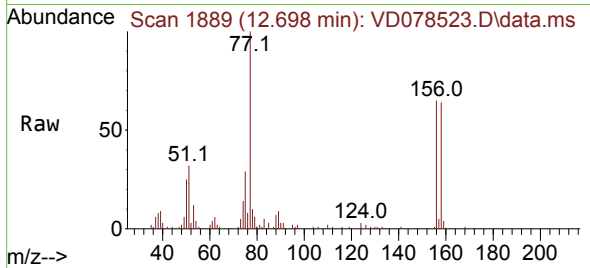




#77
Bromobenzene
Concen: 67.607 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

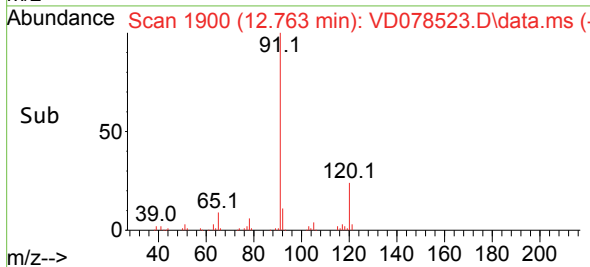
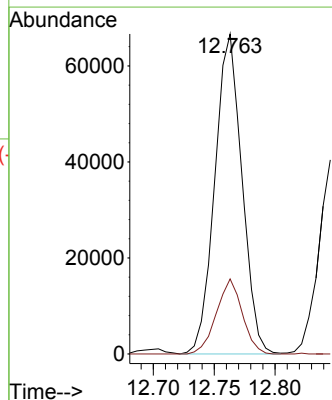
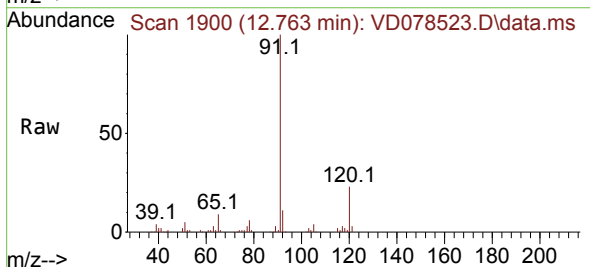
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

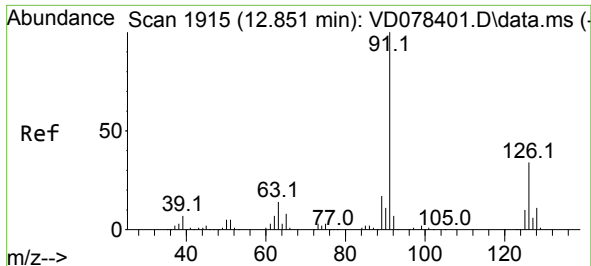
Tgt Ion:156 Resp: 29914
Ion Ratio Lower Upper
156 100
77 187.0 76.8 230.4
158 100.7 48.6 145.9



#78
n-propylbenzene
Concen: 44.076 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 91 Resp: 103412
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2

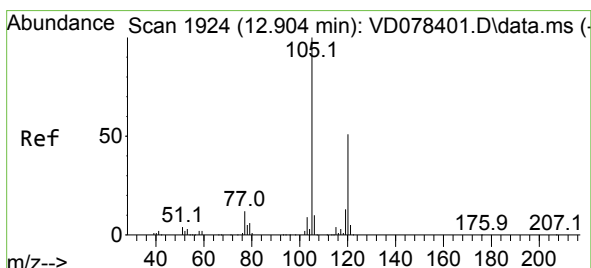
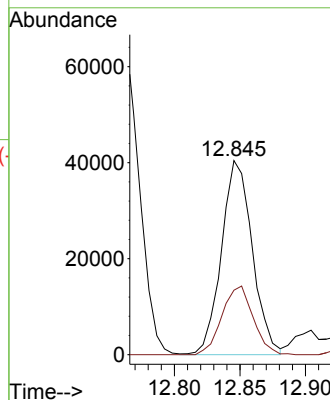
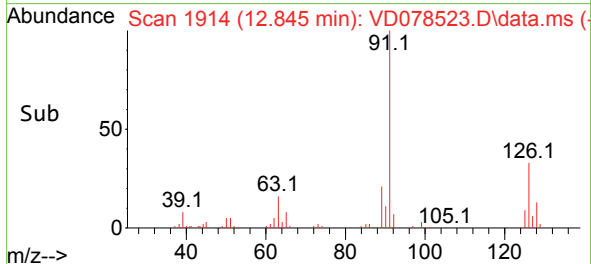
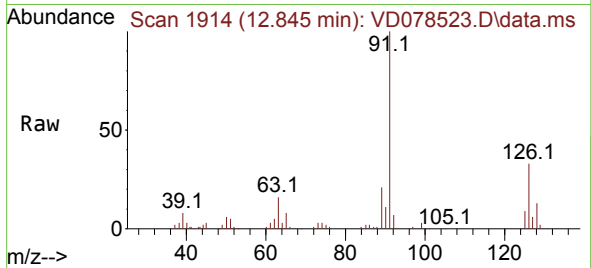




#79
2-Chlorotoluene
Concen: 52.731 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

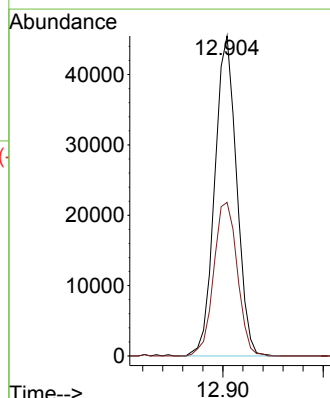
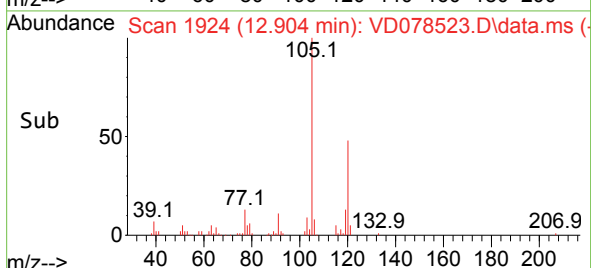
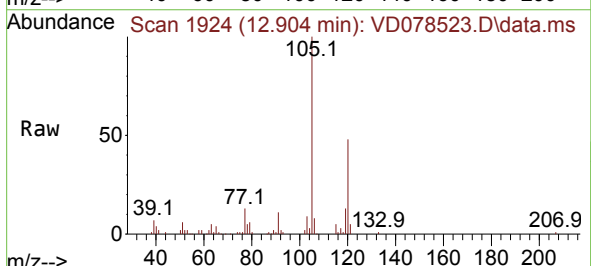
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

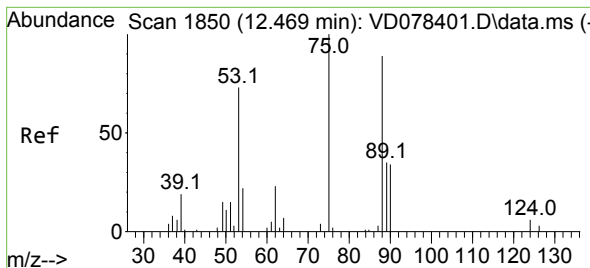
Tgt Ion: 91 Resp: 66264
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 44.099 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 105 Resp: 68942
Ion Ratio Lower Upper
105 100
120 51.8 26.4 79.2

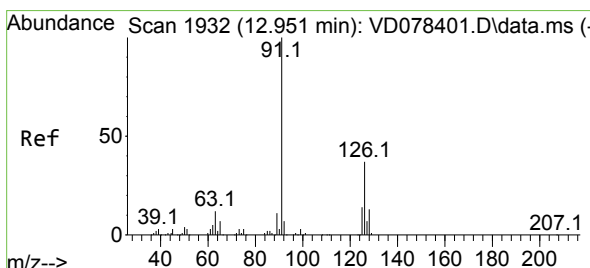
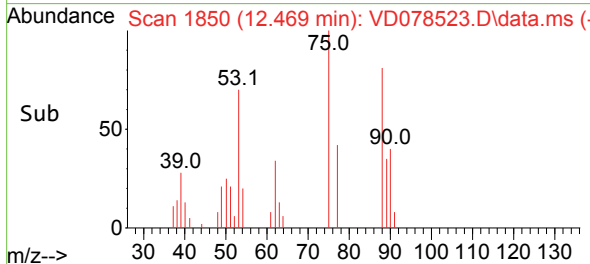
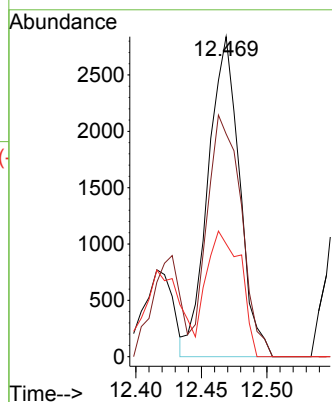
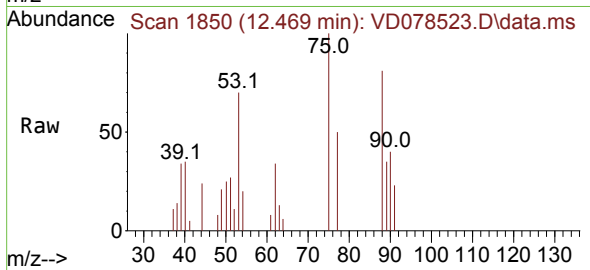




#81
trans-1,4-Dichloro-2-butene
Concen: 41.218 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

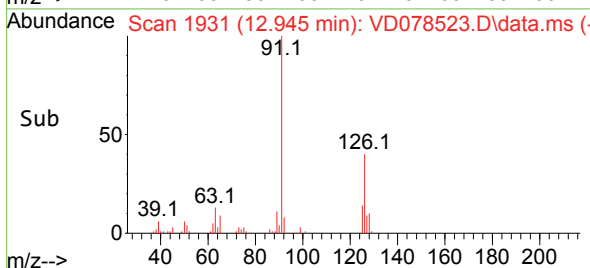
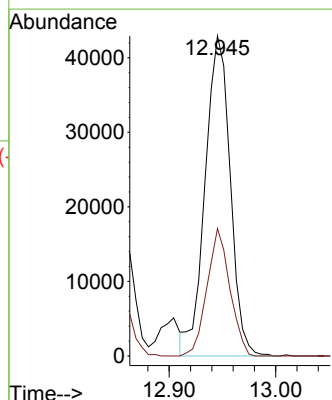
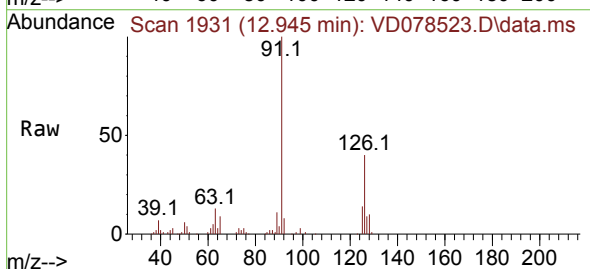
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

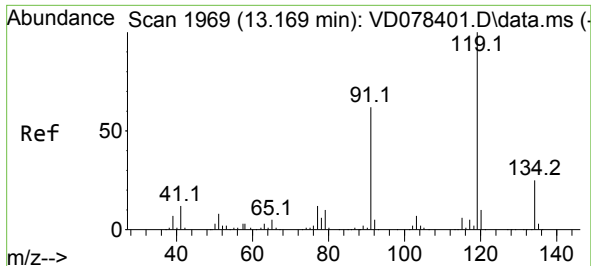
Tgt Ion:	75	Resp:	4726
Ion	Ratio	Lower	Upper
75	100		
53	82.2	63.0	94.4
89	42.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.025 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	91	Resp:	70216
Ion	Ratio	Lower	Upper
91	100		
126	36.3	19.4	58.4

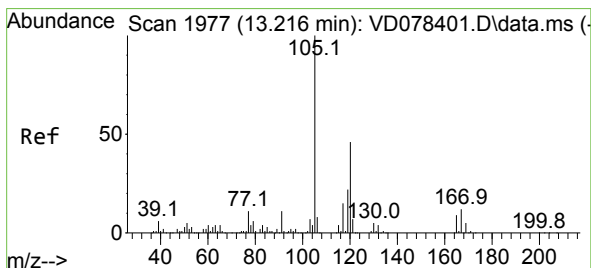
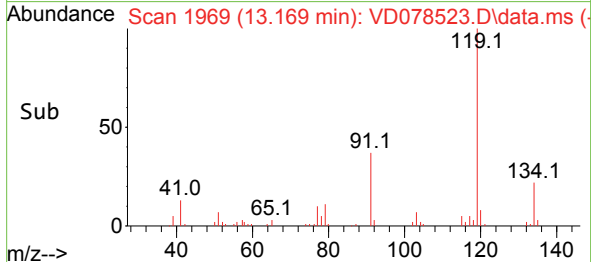
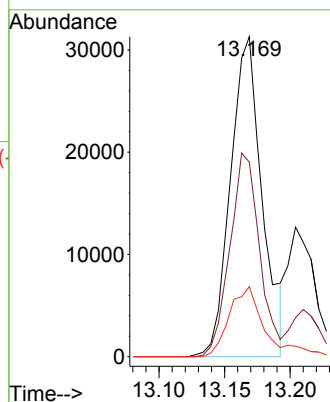
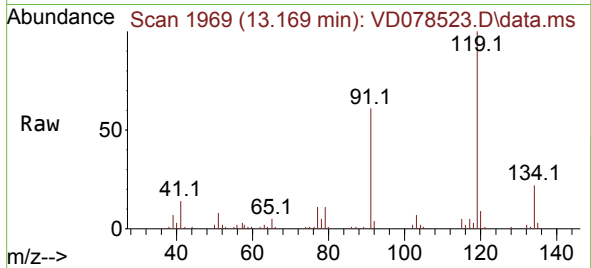




#83
tert-Butylbenzene
Concen: 39.859 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

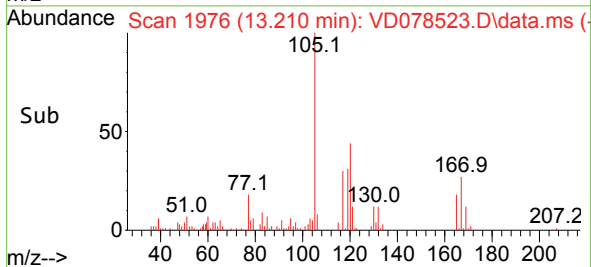
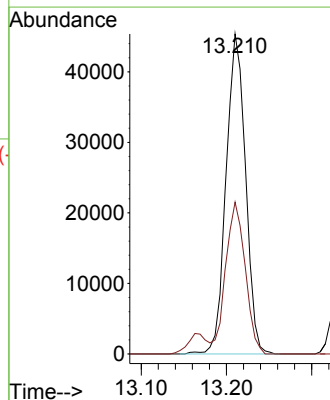
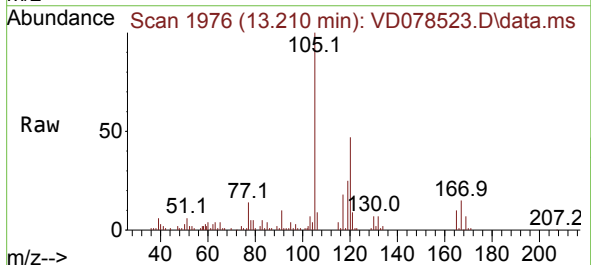
Instrument : MSVOA_D
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

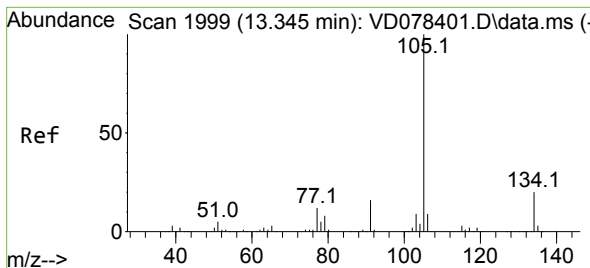
Tgt Ion:	119	Resp:	52552
Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.3	87.8
134	24.7	14.1	42.3



#84
1,2,4-Trimethylbenzene
Concen: 45.316 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:	105	Resp:	71900
Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	72.9





#85

sec-Butylbenzene

Concen: 32.633 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

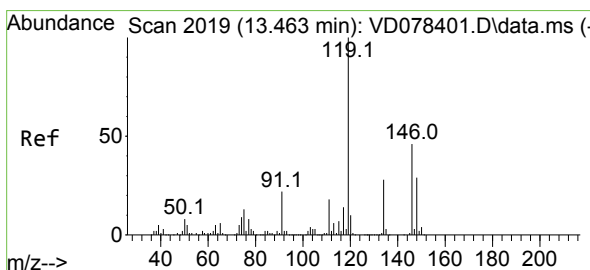
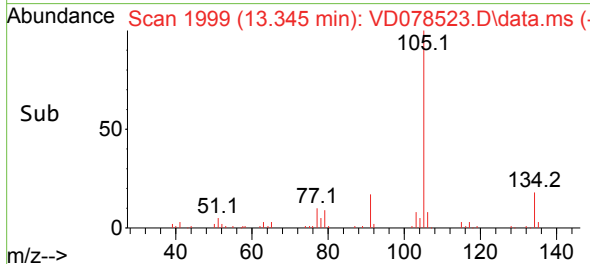
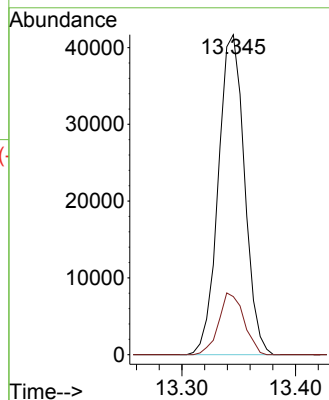
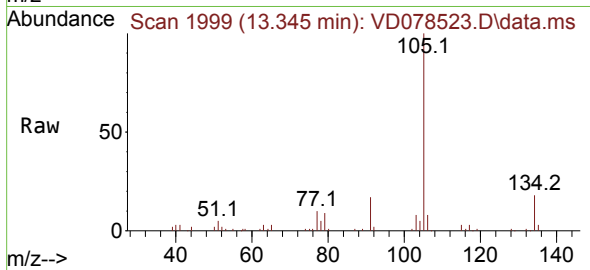
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:105 Resp: 66726

Ion Ratio Lower Upper

105 100

134 18.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 32.391 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

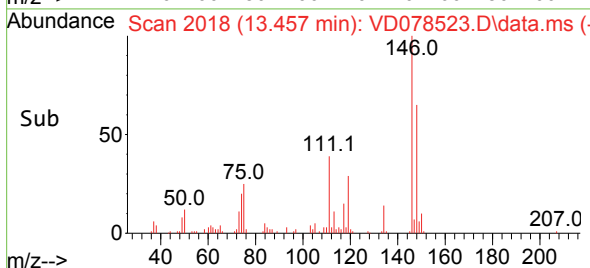
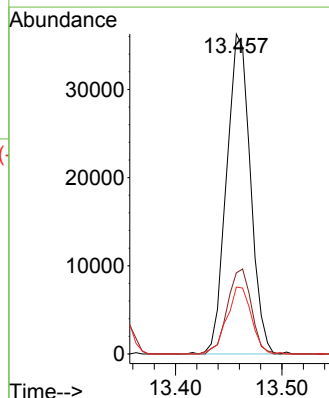
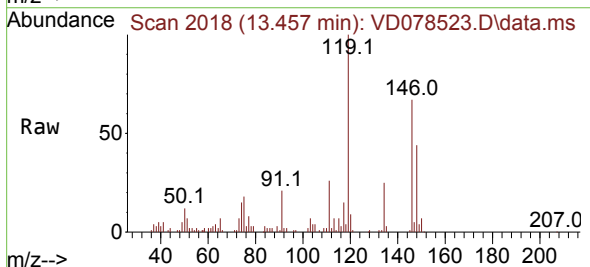
Tgt Ion:119 Resp: 56411

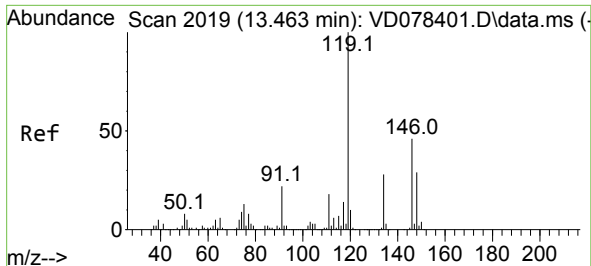
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 21.7 10.5 31.5

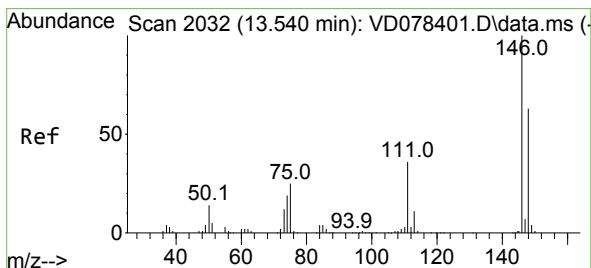
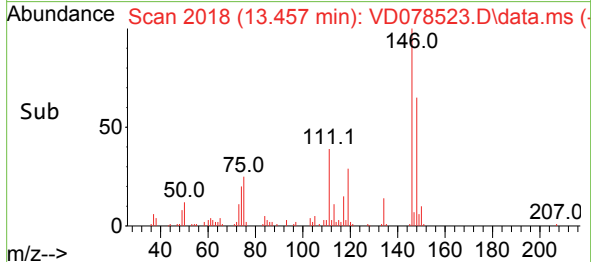
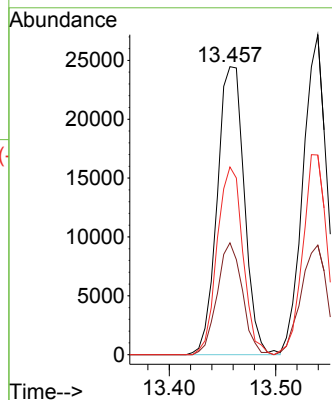
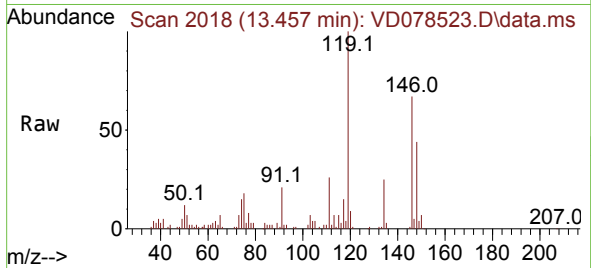




#87
1,3-Dichlorobenzene
Concen: 45.793 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

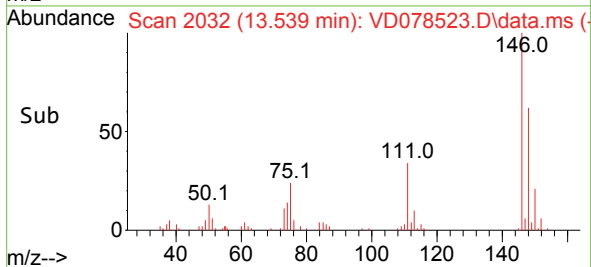
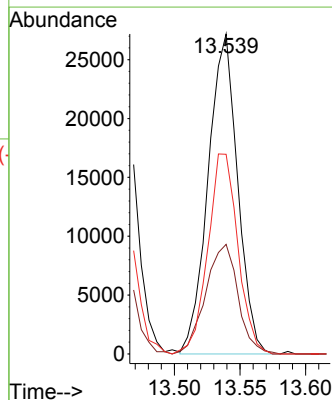
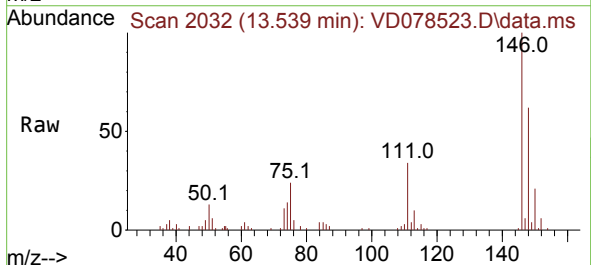
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

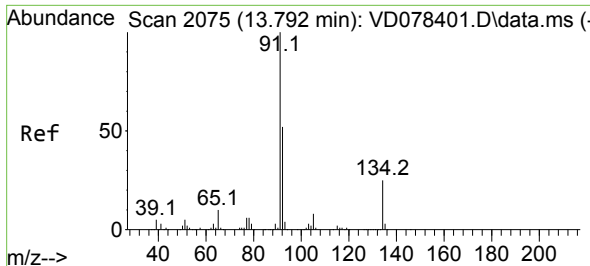
Tgt Ion:146 Resp: 43245
Ion Ratio Lower Upper
146 100
111 35.9 17.9 53.8
148 61.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 45.860 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion:146 Resp: 42553
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 63.6 31.7 95.1

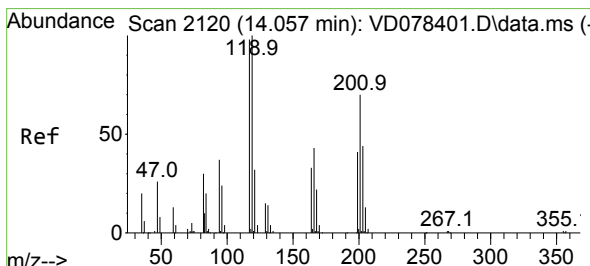
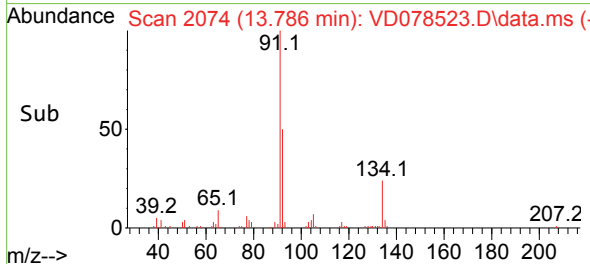
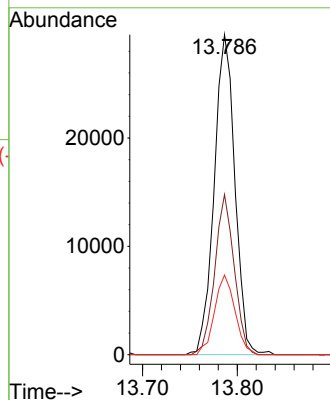
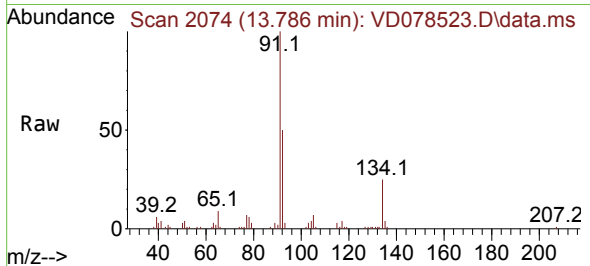




#89
n-Butylbenzene
Concen: 26.764 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

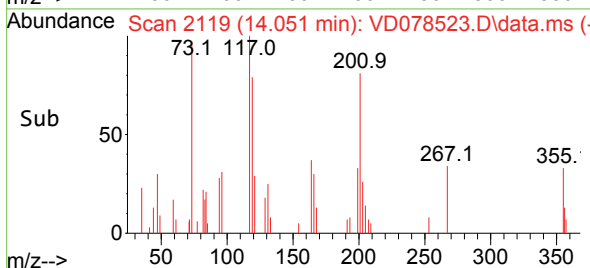
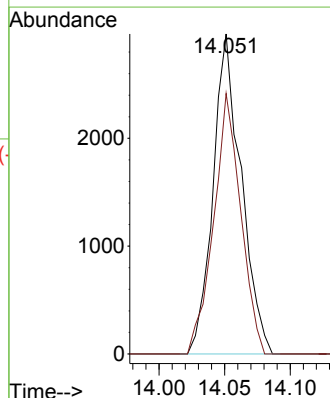
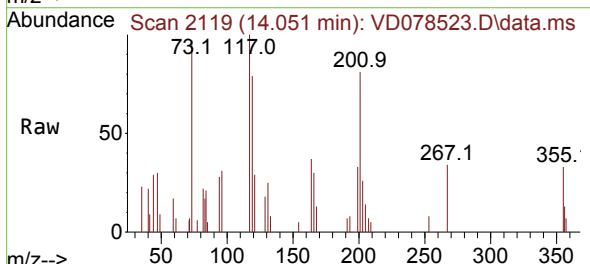
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

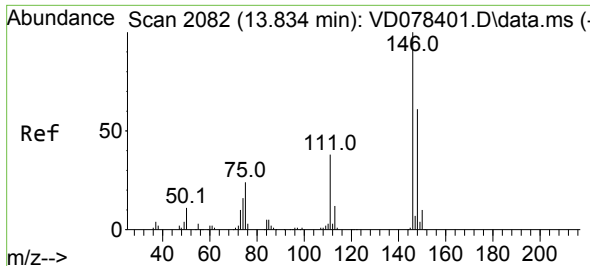
Tgt Ion: 91	Resp: 44928
Ion Ratio	Lower Upper
91	100
92	46.9 26.5 79.5
134	24.6 13.8 41.3



#90
Hexachloroethane
Concen: 12.365 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078523.D
Acq: 22 Feb 2024 17:54

Tgt Ion: 117	Resp: 4426
Ion Ratio	Lower Upper
117	100
201	78.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.617 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078523.D

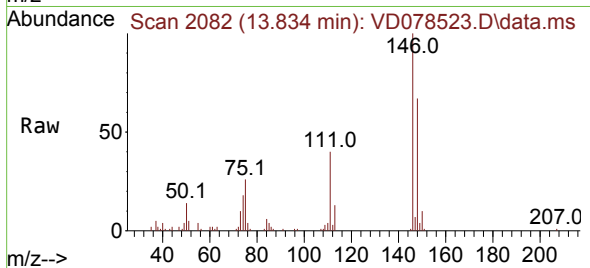
Acq: 22 Feb 2024 17:54

Instrument :

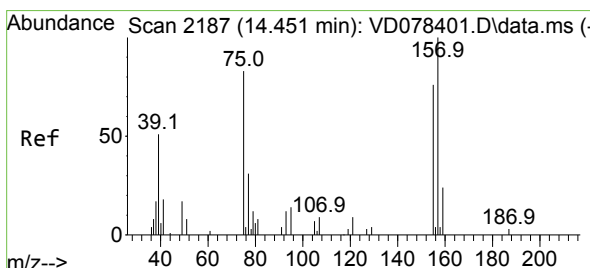
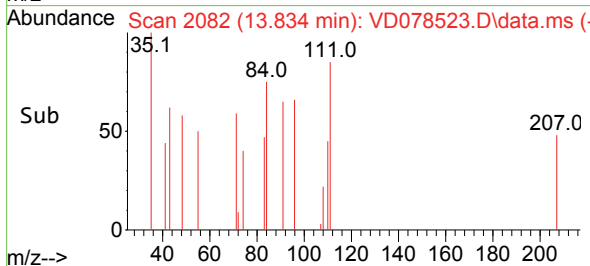
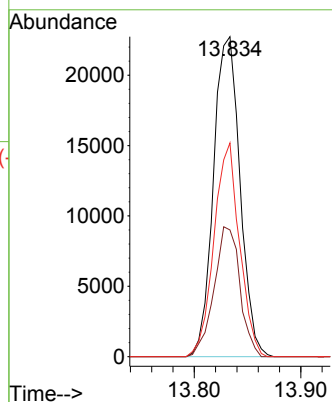
MSVOA_D

ClientSampleId :

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Tgt Ion:146	Resp:	39347
Ion	Ratio	Lower Upper
146	100	
111	39.6	18.3 54.8
148	64.2	31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.027 ug/l

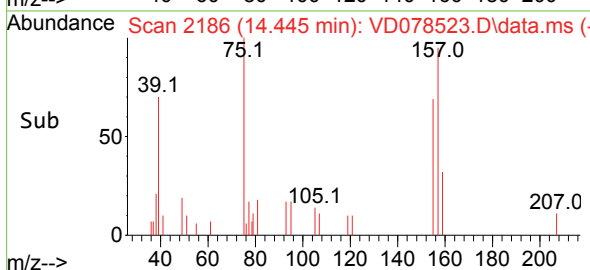
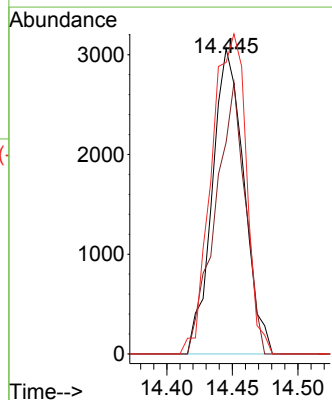
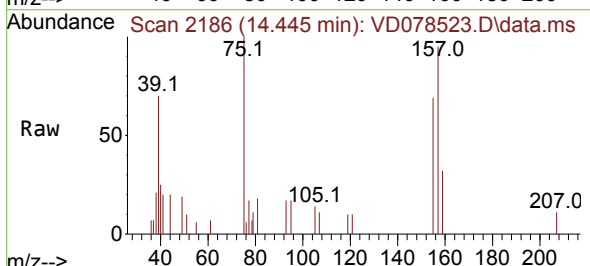
RT: 14.445 min Scan# 2186

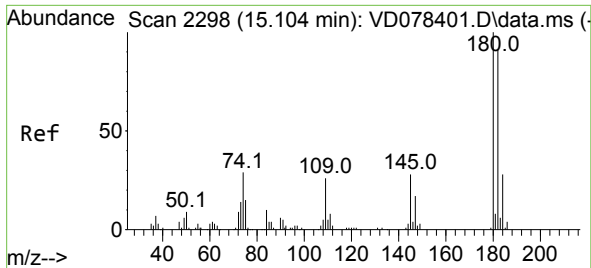
Delta R.T. -0.006 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Tgt Ion: 75	Resp:	5136
Ion	Ratio	Lower Upper
75	100	
155	84.4	47.9 143.8
157	115.3	59.9 179.7

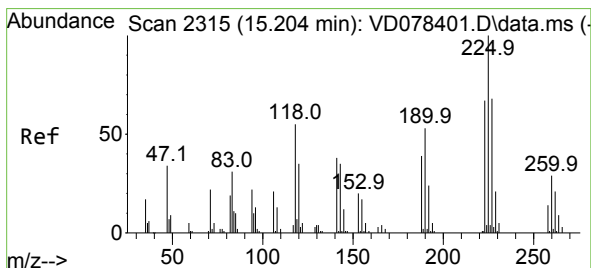
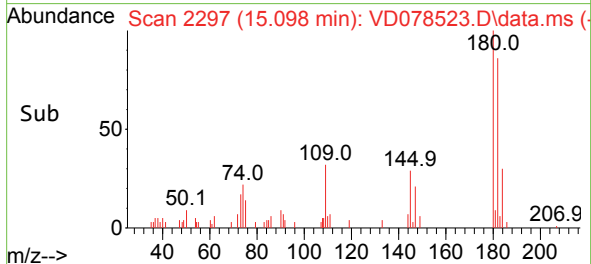
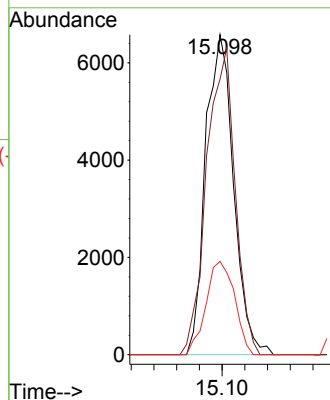
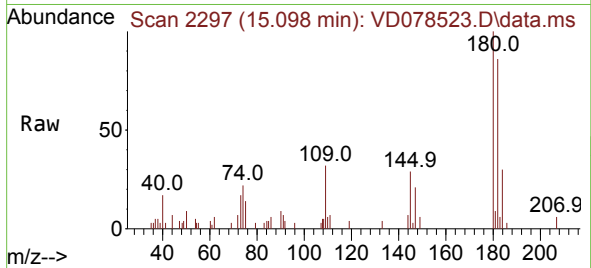




#93
 1,2,4-Trichlorobenzene
 Concen: 24.165 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078523.D
 Acq: 22 Feb 2024 17:54

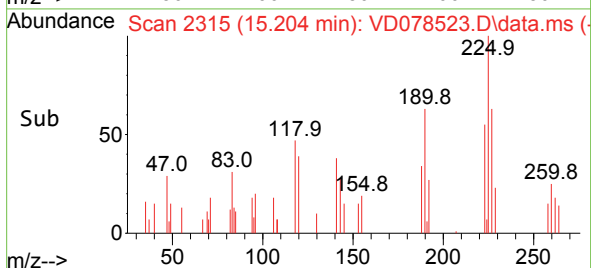
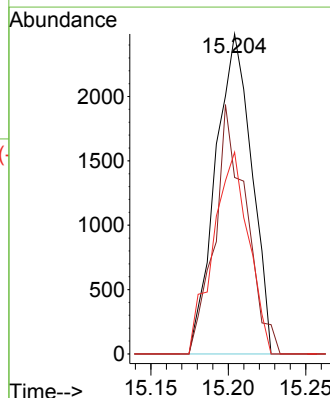
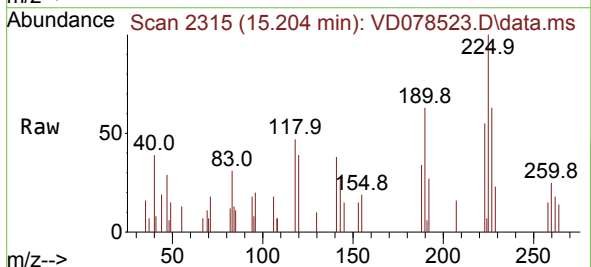
Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MS

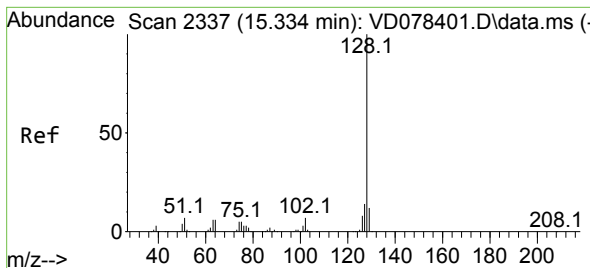
Tgt Ion:180 Resp: 11262
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.5 145.6
 145 29.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 16.562 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078523.D
 Acq: 22 Feb 2024 17:54

Tgt Ion:225 Resp: 4029
 Ion Ratio Lower Upper
 225 100
 223 67.7 31.6 94.8
 227 61.9 31.7 95.1





#95

Naphthalene

Concen: 43.113 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

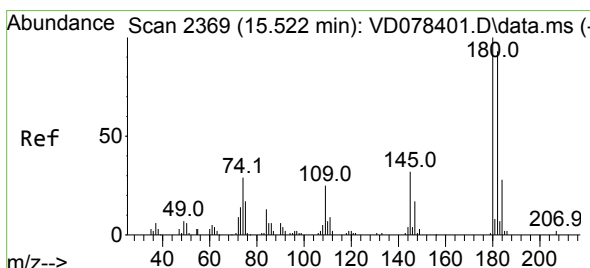
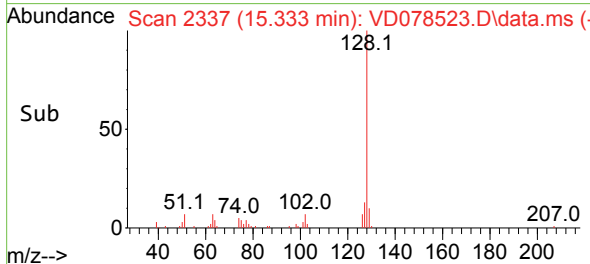
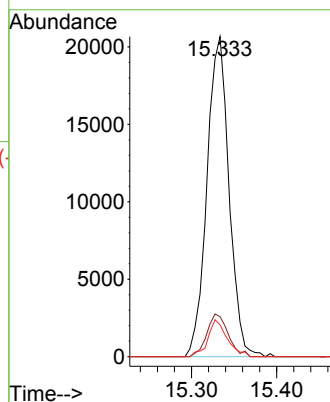
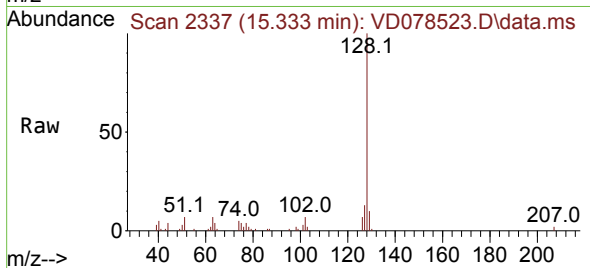
Tgt Ion:128 Resp: 37268

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 26.429 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078523.D

Acq: 22 Feb 2024 17:54

Tgt Ion:180 Resp: 10439

Ion Ratio Lower Upper

180 100

182 88.7 47.3 141.9

145 28.5 15.1 45.3

