

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078476.D
 Acq On : 20 Feb 2024 11:51
 Operator : RP/MD
 Sample : VD0220SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

Quant Time: Feb 21 05:21:34 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	134659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70746	48.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.810	113	78789	51.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.269	98	307764	50.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.575	95	87974	49.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	23037	17.363	ug/l	99
3) Chloromethane	2.152	50	40378	16.560	ug/l	96
4) Vinyl Chloride	2.287	62	58417	15.701	ug/l	97
5) Bromomethane	2.693	94	48891	19.037	ug/l	97
6) Chloroethane	2.840	64	49322	18.179	ug/l	97
7) Trichlorofluoromethane	3.181	101	48392	19.281	ug/l	85
8) Diethyl Ether	3.599	74	14440	19.974	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	31509	19.900	ug/l	97
10) Methyl Iodide	4.169	142	29427	20.750	ug/l	92
11) Tert butyl alcohol	5.058	59	8764	107.846	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	30630	20.866	ug/l	96
13) Acrolein	3.799	56	11055	82.188	ug/l	97
14) Allyl chloride	4.569	41	33047	18.223	ug/l	93
15) Acrylonitrile	5.269	53	30318	97.966	ug/l	94
16) Acetone	4.028	43	36853	116.850	ug/l #	84
17) Carbon Disulfide	4.281	76	87144	17.642	ug/l	99
18) Methyl Acetate	4.569	43	11650	14.310	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	61126	19.599	ug/l	95
20) Methylene Chloride	4.811	84	39093	21.970	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	35571	20.598	ug/l	99
22) Diisopropyl ether	6.222	45	80680	20.185	ug/l	94
23) Vinyl Acetate	6.158	43	238047	139.094	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	58504	20.662	ug/l	96
25) 2-Butanone	7.087	43	43808	109.961	ug/l	93
26) 2,2-Dichloropropane	7.081	77	49203	20.729	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	37817	19.959	ug/l	91
28) Bromochloromethane	7.428	49	23782	21.206	ug/l	85
29) Tetrahydrofuran	7.452	42	20472	94.546	ug/l	95
30) Chloroform	7.599	83	62925	21.004	ug/l	97
31) Cyclohexane	7.881	56	44925	18.240	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	52988	20.745	ug/l	98
36) 1,1-Dichloropropene	8.010	75	45845	19.468	ug/l	97
37) Ethyl Acetate	7.169	43	16053	19.447	ug/l	97
38) Carbon Tetrachloride	7.993	117	47457	20.349	ug/l	94
39) Methylcyclohexane	9.275	83	51714	18.498	ug/l	99
40) Benzene	8.252	78	137062	20.137	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6764	15.744	ug/l #	71
42) 1,2-Dichloroethane	8.334	62	35728	20.286	ug/l	95
43) Isopropyl Acetate	8.363	43	29923	19.575	ug/l #	77
44) Trichloroethene	9.034	130	35985	20.723	ug/l	92
45) 1,2-Dichloropropane	9.305	63	33053	19.792	ug/l	92
46) Dibromomethane	9.393	93	18491	19.685	ug/l	94
47) Bromodichloromethane	9.587	83	48457	20.827	ug/l	95
48) Methyl methacrylate	9.381	41	12664	15.616	ug/l #	84
49) 1,4-Dioxane	9.393	88	4058	398.910	ug/l	95
51) 4-Methyl-2-Pentanone	10.163	43	78844	97.182	ug/l	91
52) Toluene	10.334	92	85103	19.771	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	42226	19.890	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	51999	20.200	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	26199	20.711	ug/l	92
56) Ethyl methacrylate	10.599	69	26504	22.654	ug/l #	95
57) 1,3-Dichloropropane	10.881	76	42558	19.777	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	64757	93.967	ug/l	96
59) 2-Hexanone	10.922	43	62994	103.319	ug/l	92
60) Dibromochloromethane	11.075	129	31769	20.873	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24887	20.956	ug/l	99
64) Tetrachloroethene	10.810	164	27241	19.525	ug/l #	86
65) Chlorobenzene	11.610	112	93424	21.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33276	20.390	ug/l	99
67) Ethyl Benzene	11.687	91	155327	19.521	ug/l	98
68) m/p-Xylenes	11.793	106	127072	40.943	ug/l	93
69) o-Xylene	12.122	106	58447	20.636	ug/l	98
70) Styrene	12.134	104	98545	21.319	ug/l	96
71) Bromoform	12.298	173	17461	20.328	ug/l #	97
73) Isopropylbenzene	12.422	105	150645	20.486	ug/l	94
74) N-amyl acetate	12.234	43	27478	19.752	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	28169	19.311	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	33949	36.515	ug/l #	100
77) Bromobenzene	12.698	156	36849	21.322	ug/l	94
78) n-propylbenzene	12.763	91	193058	21.067	ug/l	95
79) 2-Chlorotoluene	12.851	91	102563	20.896	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	125331	20.526	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	9410	21.012	ug/l	96
82) 4-Chlorotoluene	12.945	91	106754	20.251	ug/l	97
83) tert-Butylbenzene	13.169	119	109640	21.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	124679	20.119	ug/l	96
85) sec-Butylbenzene	13.345	105	169344	21.204	ug/l	96
86) p-Isopropyltoluene	13.457	119	137151	20.162	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	75741	20.534	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	76354	21.068	ug/l	99
89) n-Butylbenzene	13.787	91	132151	20.156	ug/l	96
90) Hexachloroethane	14.051	117	28484	20.373	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	64207	20.730	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4026	21.079	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	37321	20.502	ug/l	99
94) Hexachlorobutadiene	15.198	225	21178	22.289	ug/l	95
95) Naphthalene	15.334	128	67557	20.010	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	33532	21.736	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

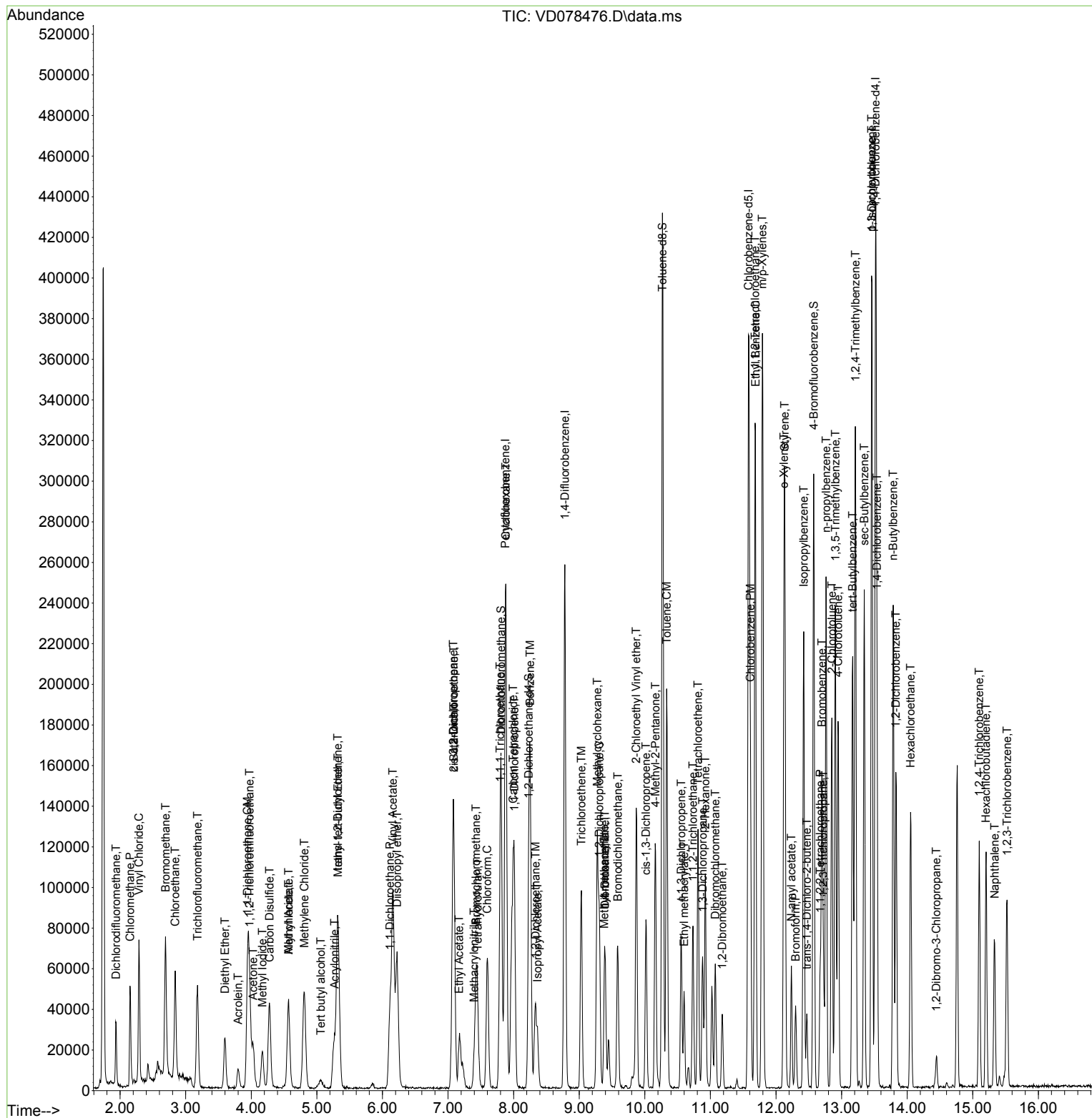
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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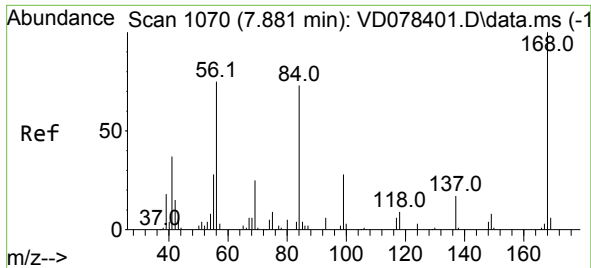
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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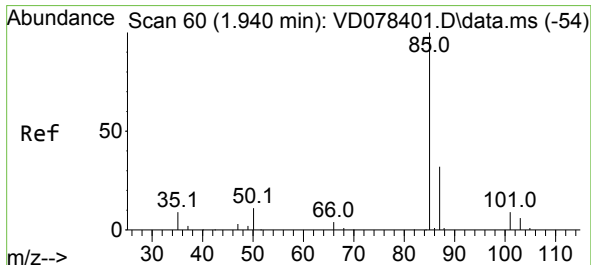
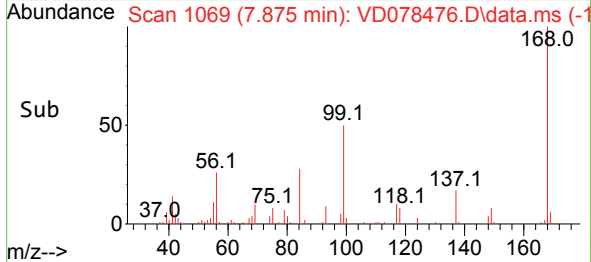
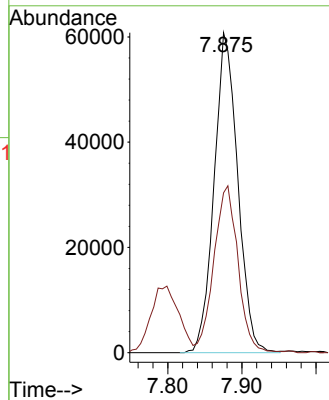
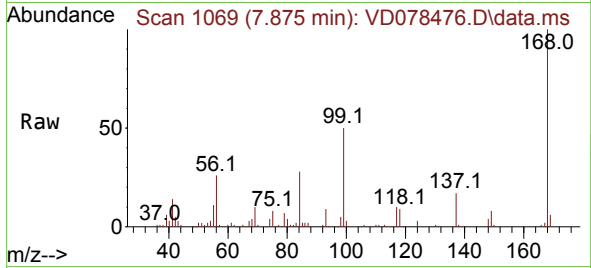




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078476.D
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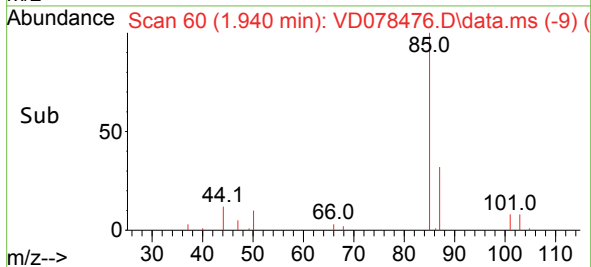
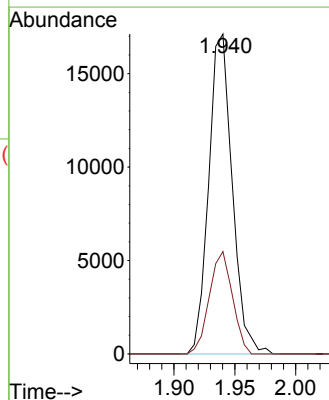
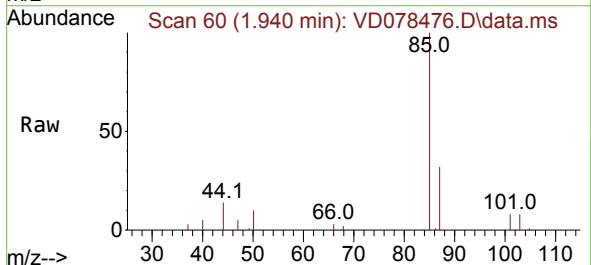
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

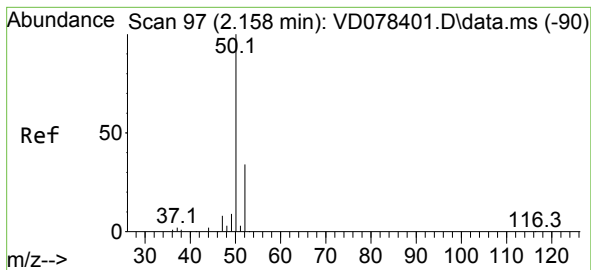
Tgt Ion:168 Resp: 134659
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 17.363 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 85 Resp: 23037
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3

Chloromethane

Concen: 16.560 ug/l

RT: 2.152 min Scan# 9

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

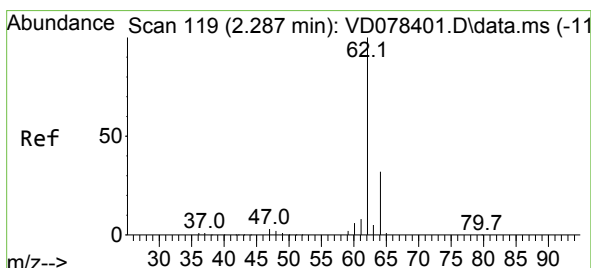
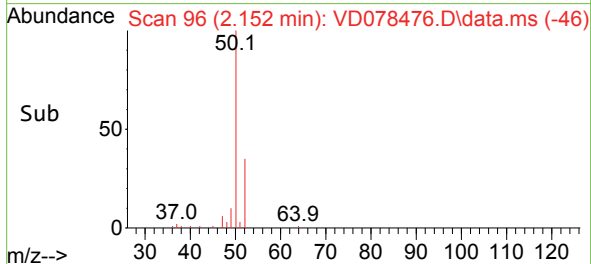
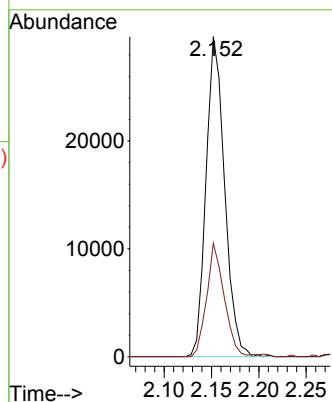
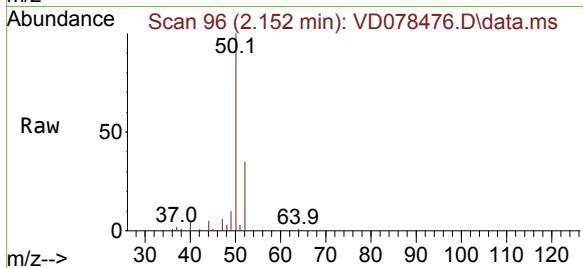
VD0220SBSD01

Tgt Ion: 50 Resp: 40378

Ion Ratio Lower Upper

50 100

52 35.5 26.6 40.0



#4

Vinyl Chloride

Concen: 15.701 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078476.D

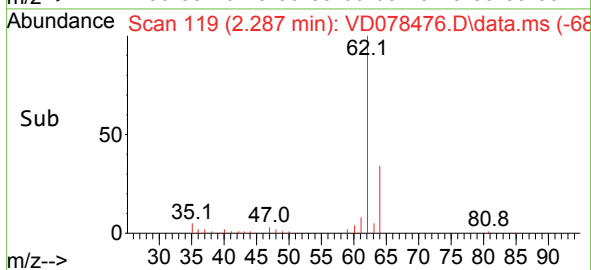
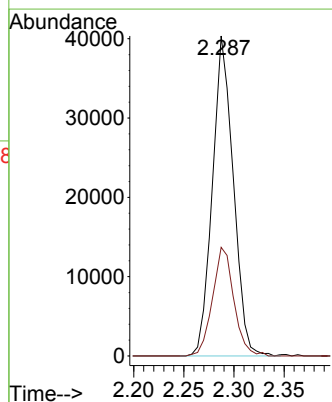
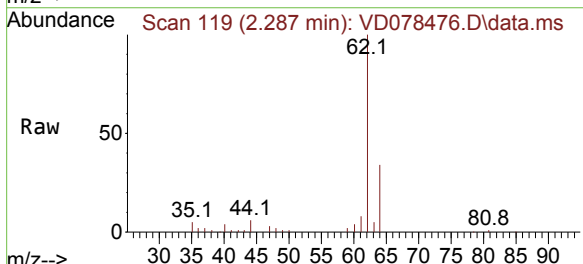
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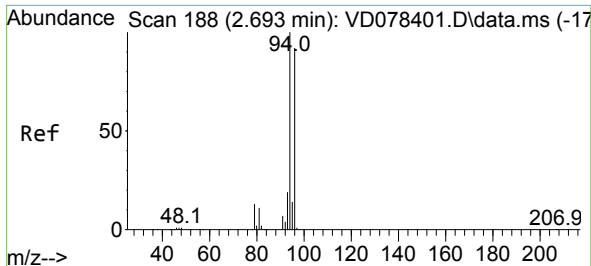
Tgt Ion: 62 Resp: 58417

Ion Ratio Lower Upper

62 100

64 34.0 26.0 39.0

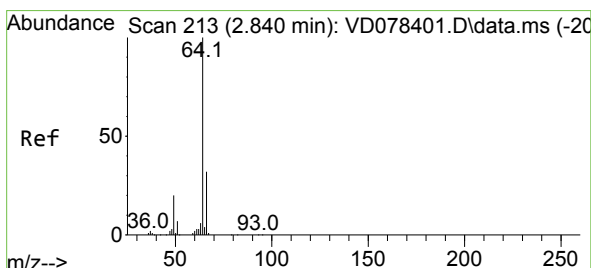
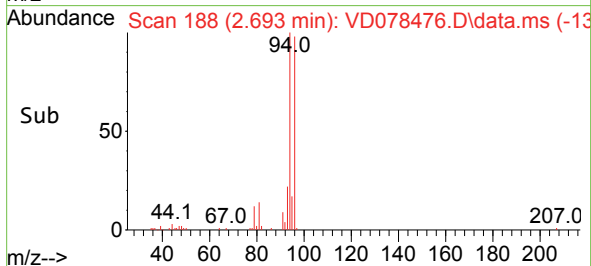
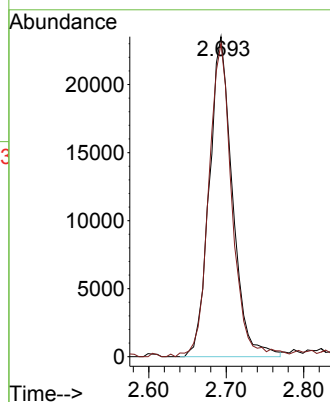
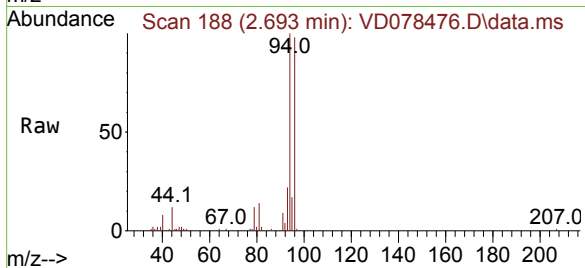




#5
Bromomethane
Concen: 19.037 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078476.D
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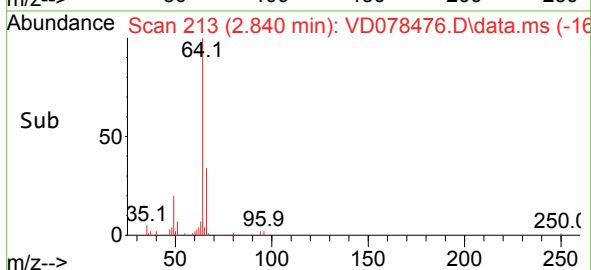
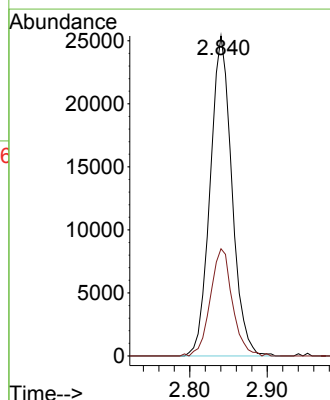
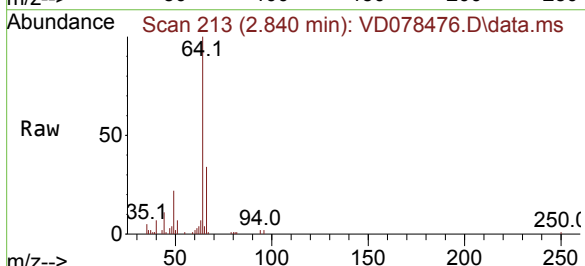
Instrument :
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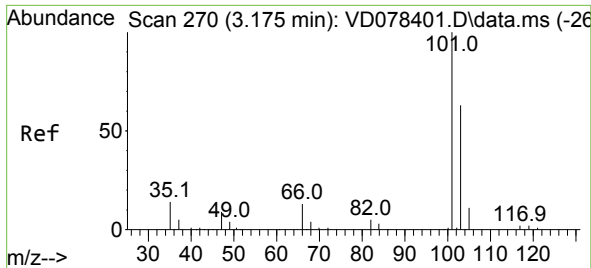
Tgt Ion: 94 Resp: 48891
Ion Ratio Lower Upper
94 100
96 98.1 75.8 113.8



#6
Chloroethane
Concen: 18.179 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 64 Resp: 49322
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

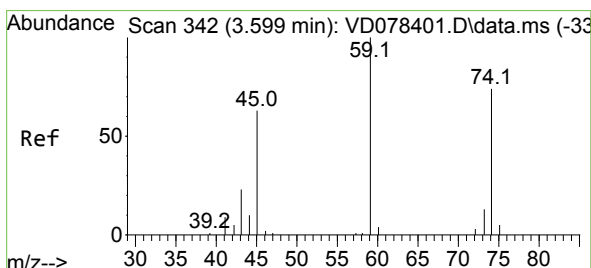
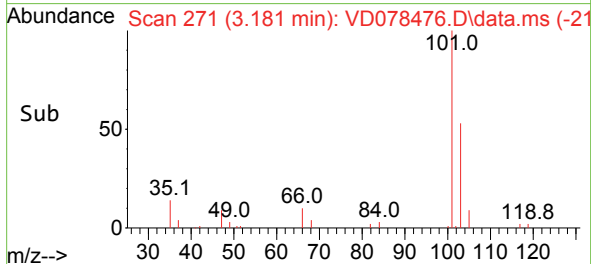
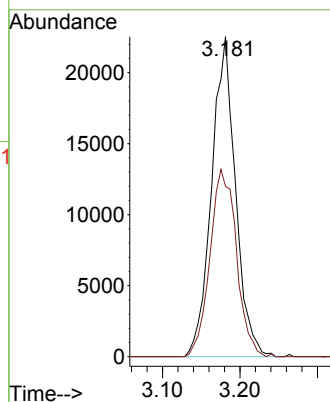
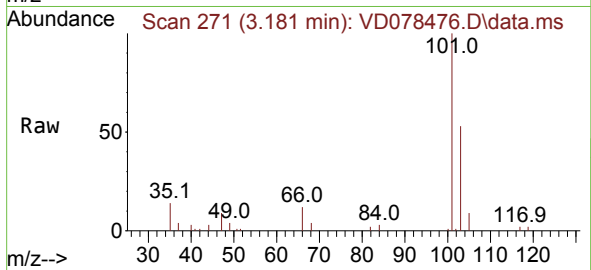




#7
 Trichlorofluoromethane
 Concen: 19.281 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

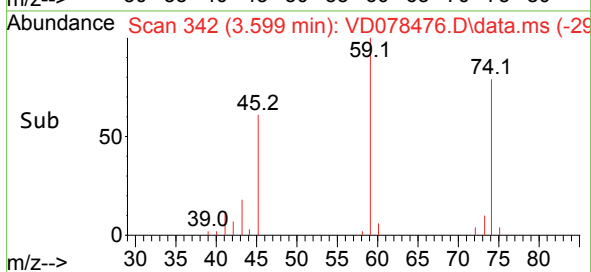
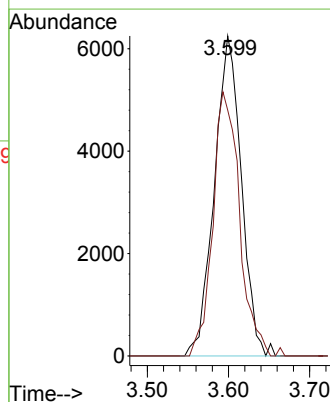
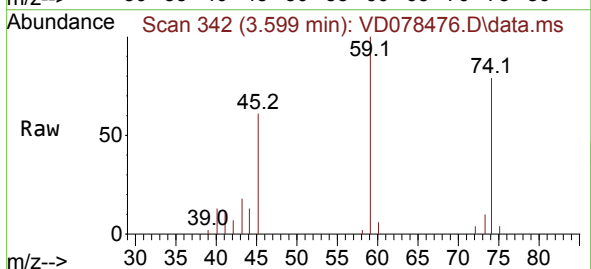
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBSD01

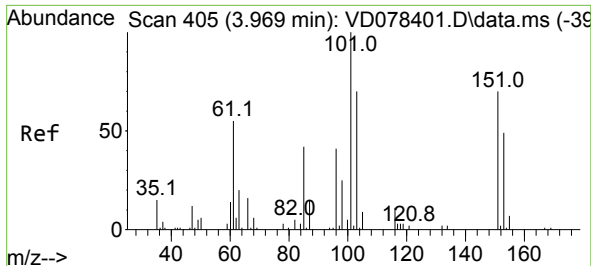
Tgt Ion:101 Resp: 48392
 Ion Ratio Lower Upper
 101 100
 103 53.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.974 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078476.D
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Tgt Ion: 74 Resp: 14440
 Ion Ratio Lower Upper
 74 100
 45 81.4 37.5 112.7

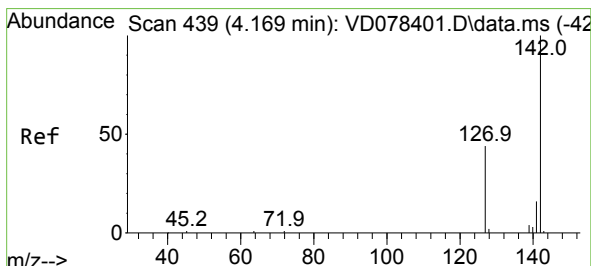
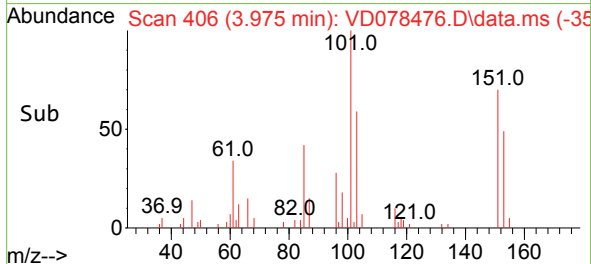
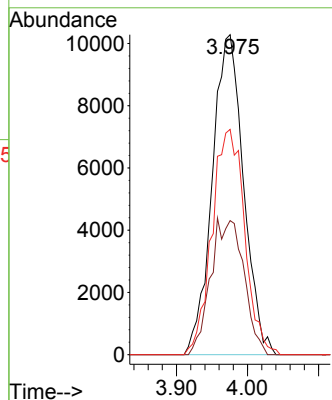
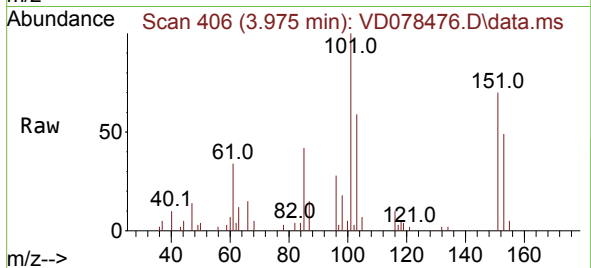




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.900 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

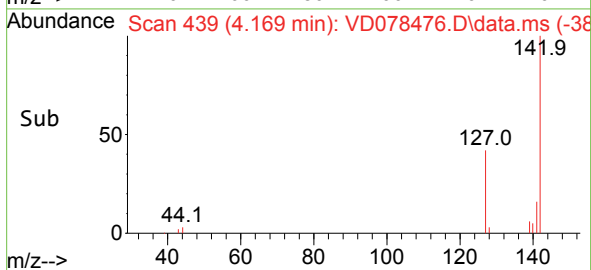
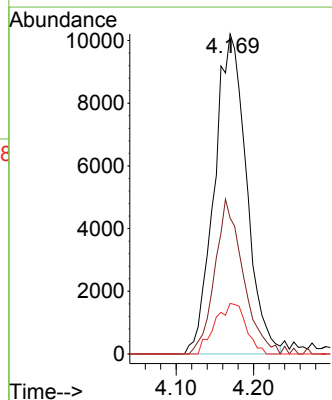
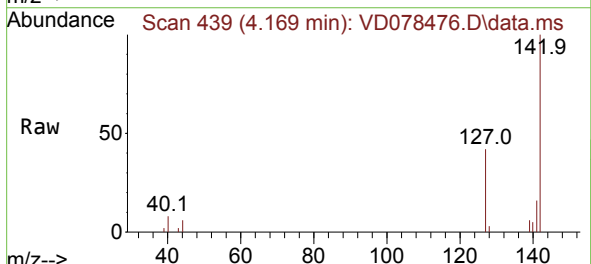
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

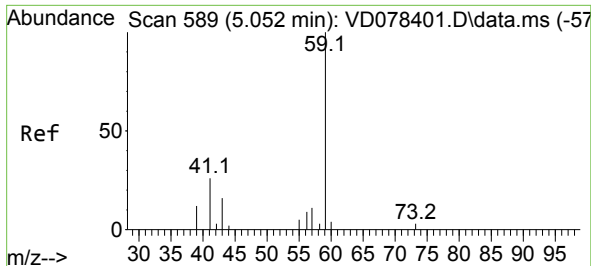
Tgt Ion:	101	Resp:	31509
Ion	Ratio	Lower	Upper
101	100		
85	44.9	33.8	50.6
151	73.3	59.8	89.6



#10
Methyl Iodide
Concen: 20.750 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:	142	Resp:	29427
Ion	Ratio	Lower	Upper
142	100		
127	42.6	29.4	44.0
141	15.2	11.1	16.7

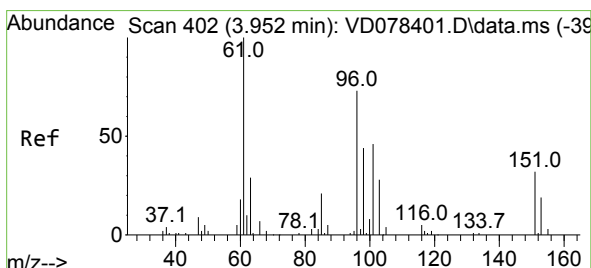
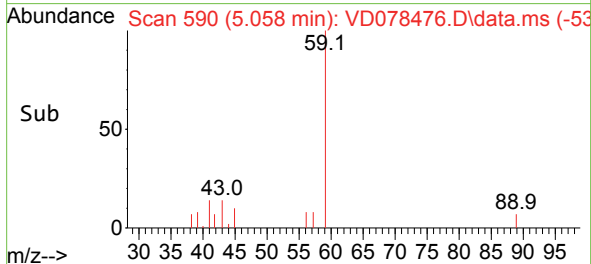
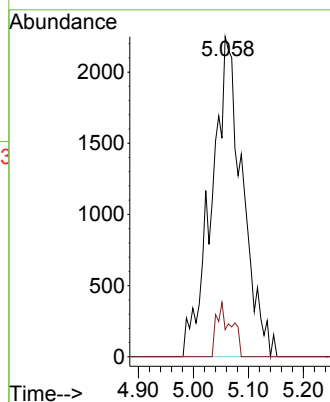
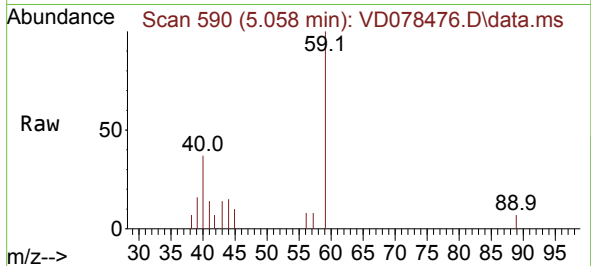




#11
Tert butyl alcohol
Concen: 107.846 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

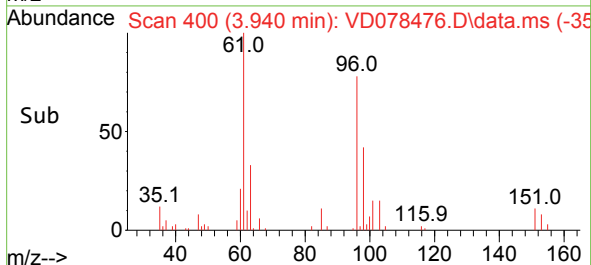
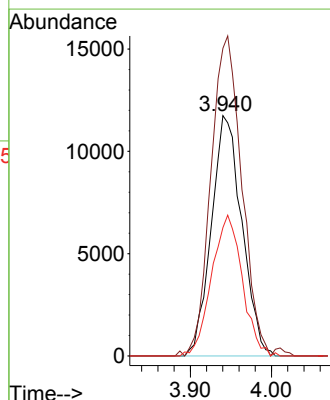
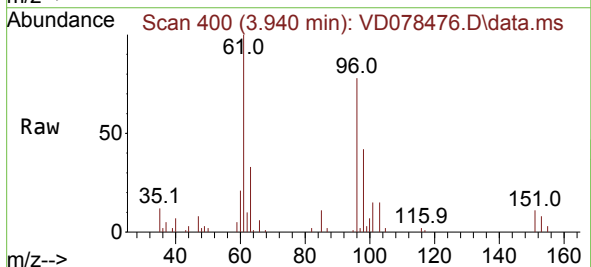
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

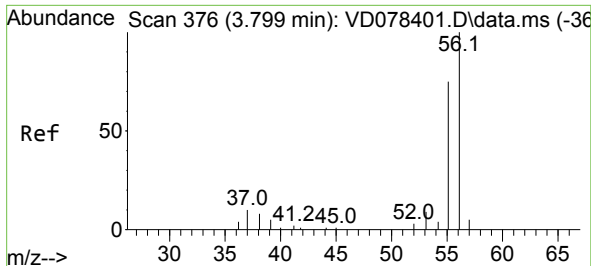
Tgt Ion: 59 Resp: 8764
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.866 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 96 Resp: 30630
Ion Ratio Lower Upper
96 100
61 125.9 100.6 150.8
98 53.4 50.2 75.2

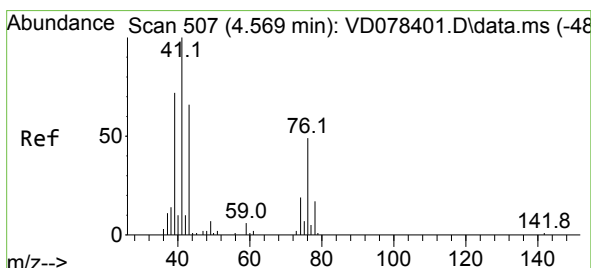
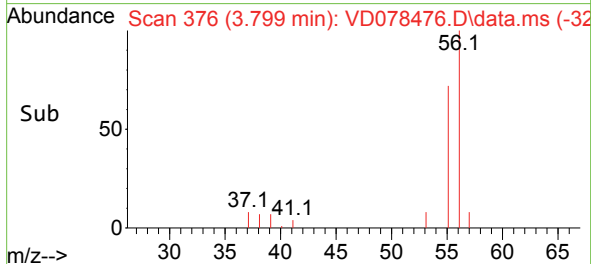
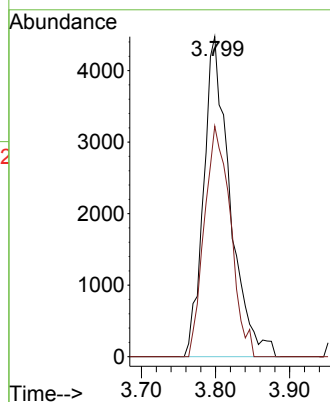
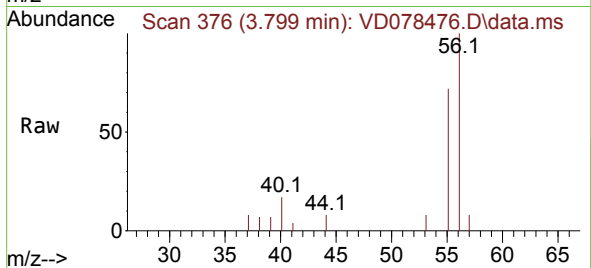




#13
Acrolein
Concen: 82.188 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

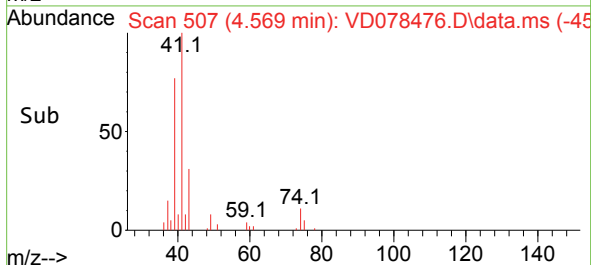
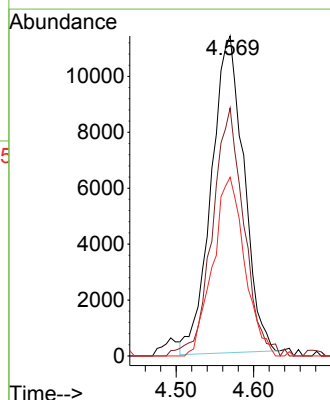
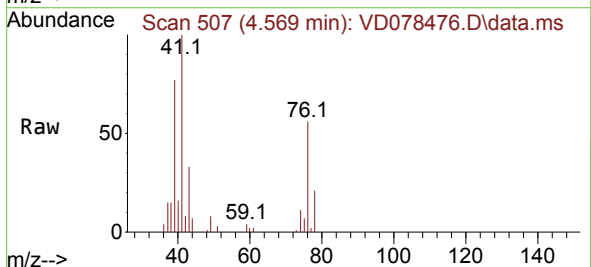
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

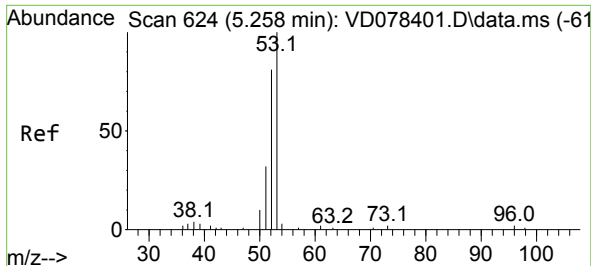
Tgt Ion: 56 Resp: 11055
Ion Ratio Lower Upper
56 100
55 71.5 55.1 82.7



#14
Allyl chloride
Concen: 18.223 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 41 Resp: 33047
Ion Ratio Lower Upper
41 100
39 76.0 53.8 80.6
76 55.1 45.8 68.8

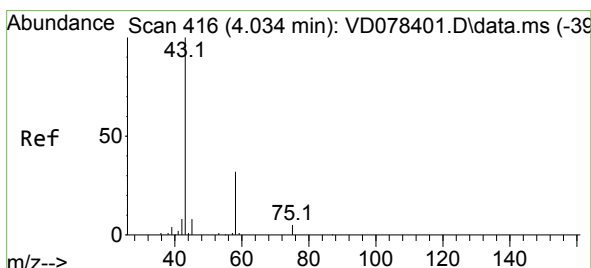
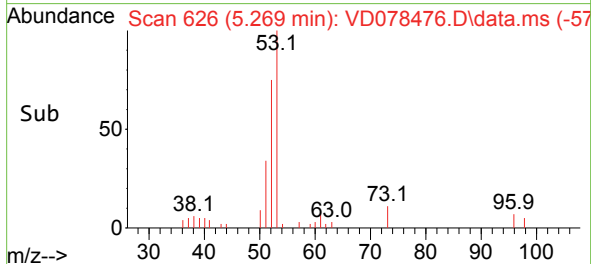
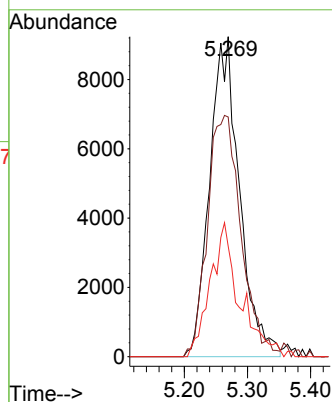
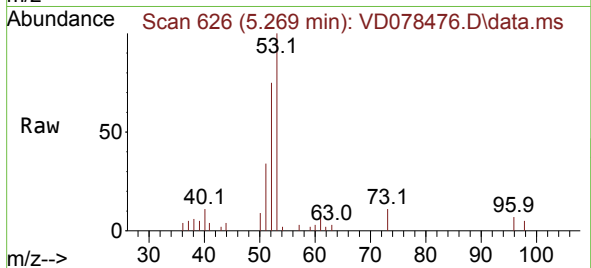




#15
Acrylonitrile
Concen: 97.966 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

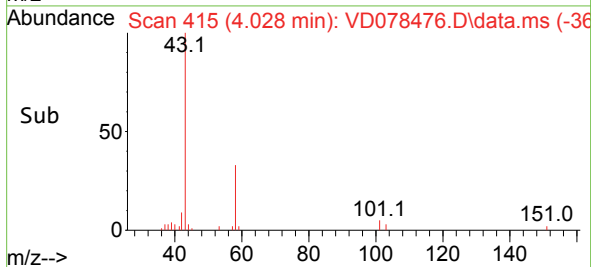
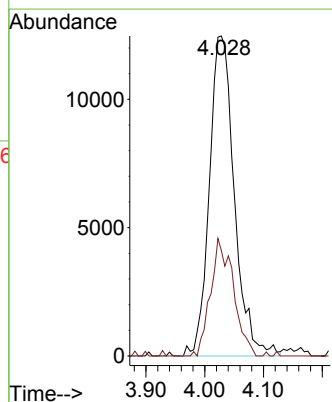
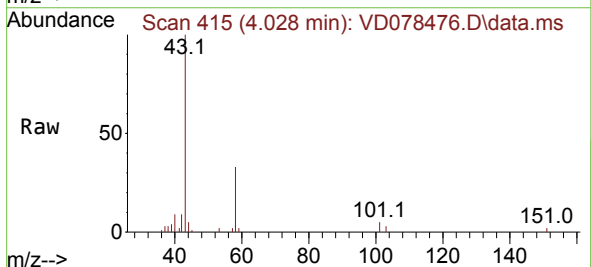
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

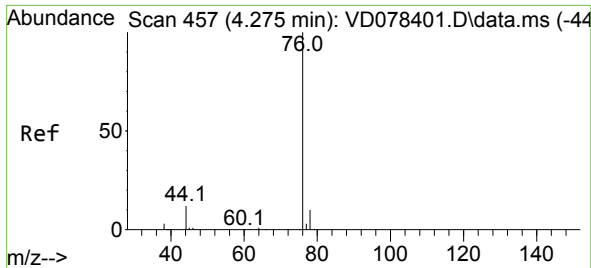
Tgt Ion: 53 Resp: 30318
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 41.1 28.3 42.5



#16
Acetone
Concen: 116.850 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 43 Resp: 36853
Ion Ratio Lower Upper
43 100
58 33.0 34.7 52.1#

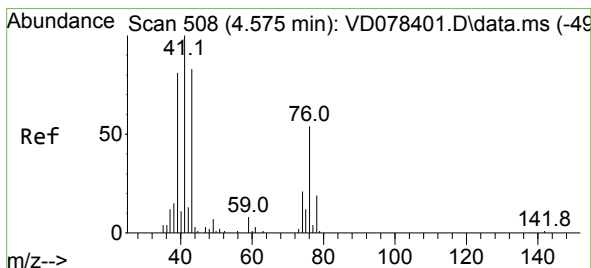
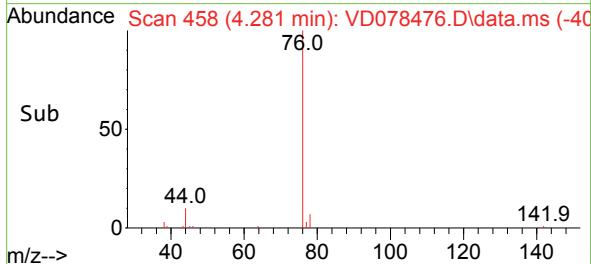
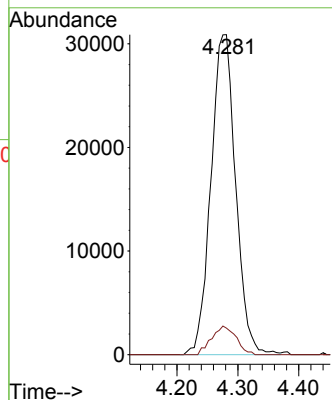
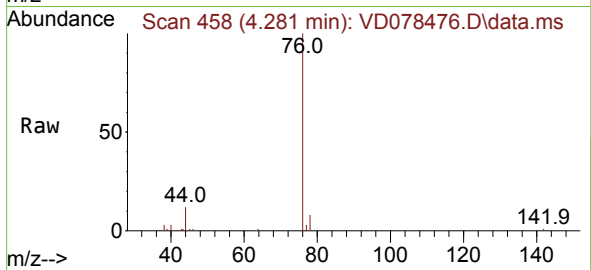




#17
Carbon Disulfide
Concen: 17.642 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

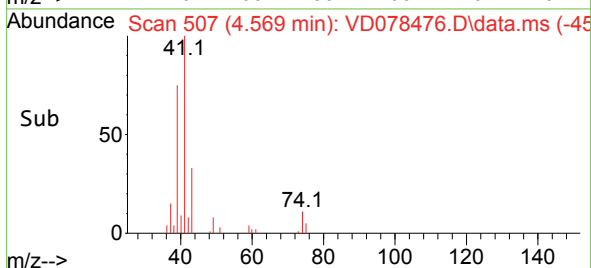
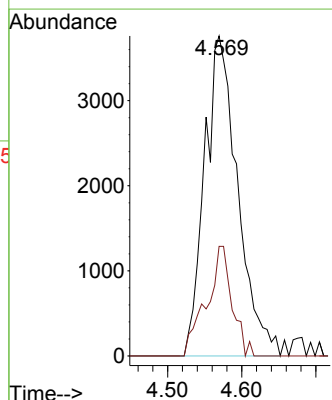
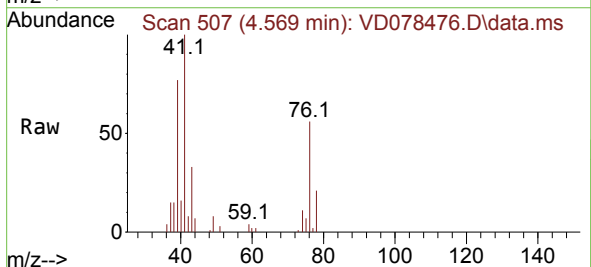
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

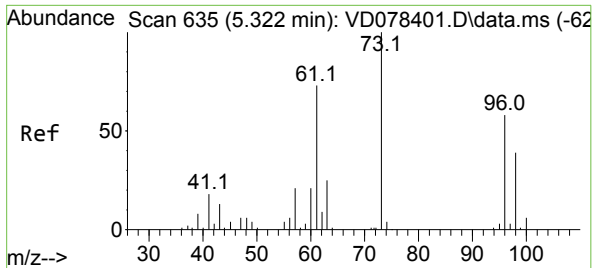
Tgt Ion: 76 Resp: 87144
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 14.310 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 43 Resp: 11650
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#

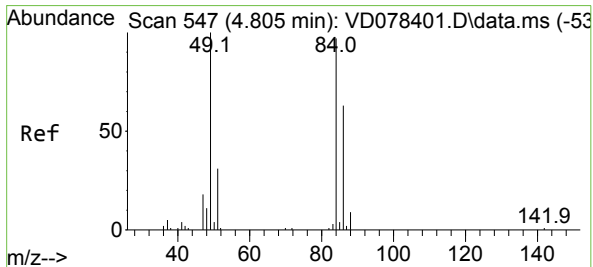
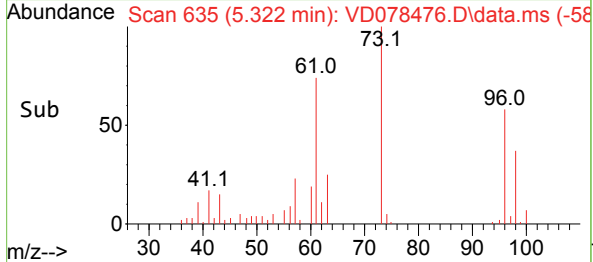
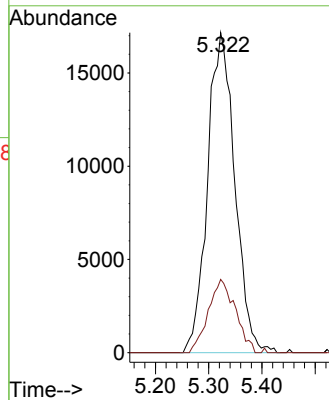
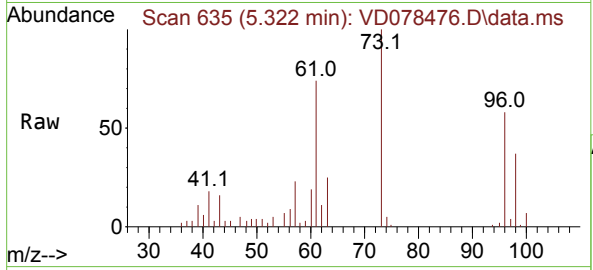




#19
Methyl tert-butyl Ether
Concen: 19.599 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

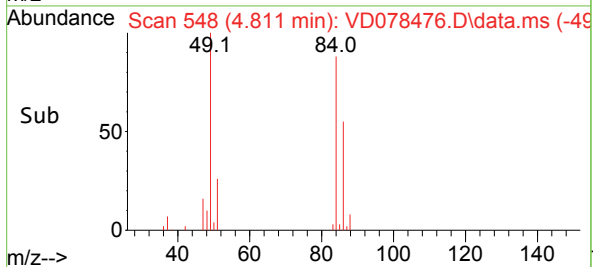
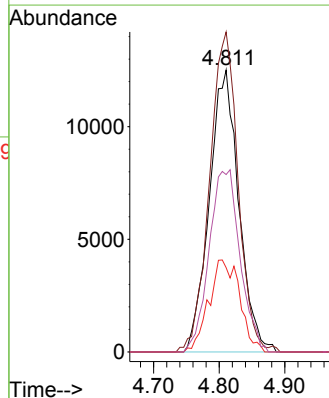
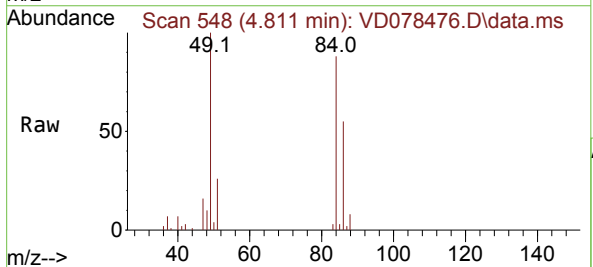
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

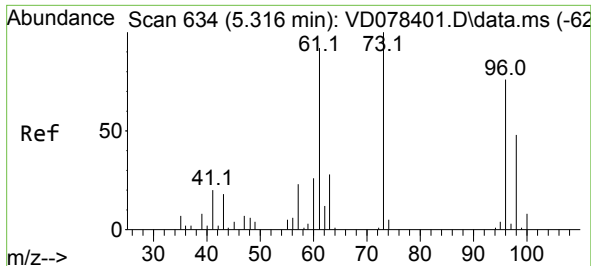
Tgt Ion: 73 Resp: 61126
Ion Ratio Lower Upper
73 100
57 22.9 16.6 25.0



#20
Methylene Chloride
Concen: 21.970 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 84 Resp: 39093
Ion Ratio Lower Upper
84 100
49 113.5 71.4 107.2#
51 29.9 24.5 36.7
86 62.9 48.7 73.1

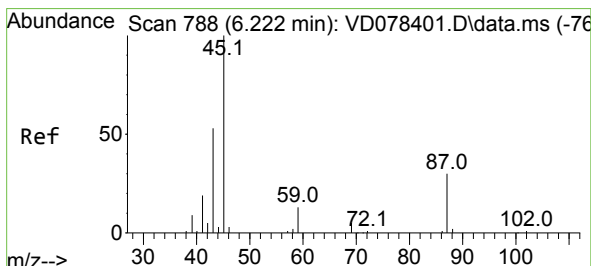
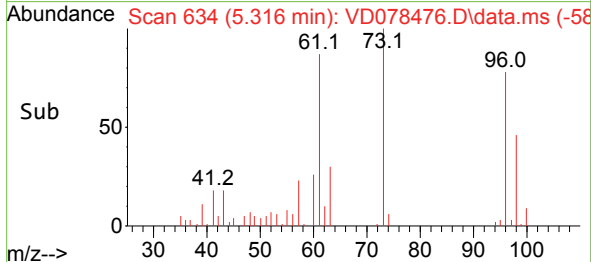
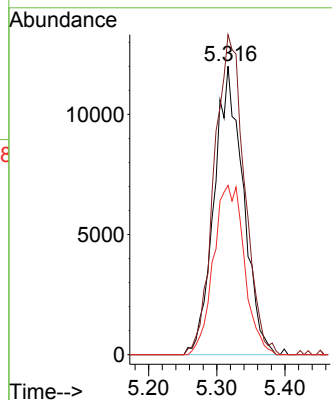
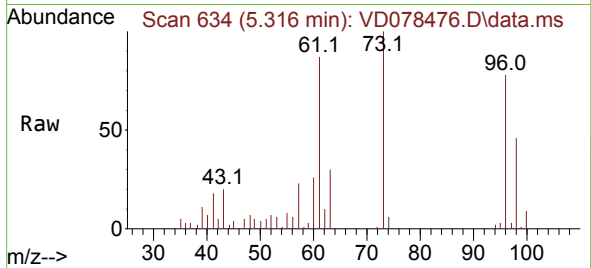




#21
trans-1,2-Dichloroethene
Concen: 20.598 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

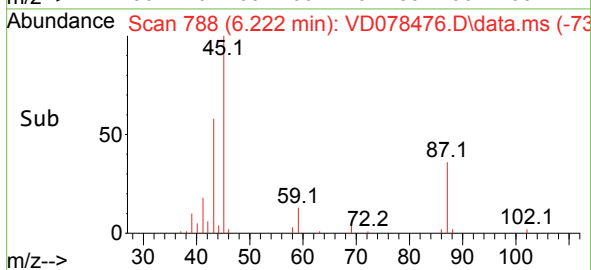
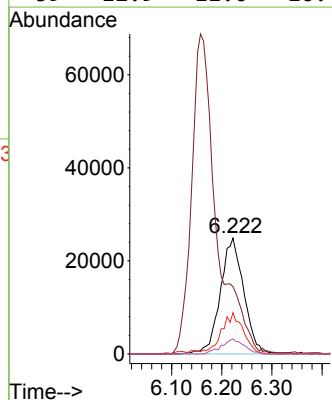
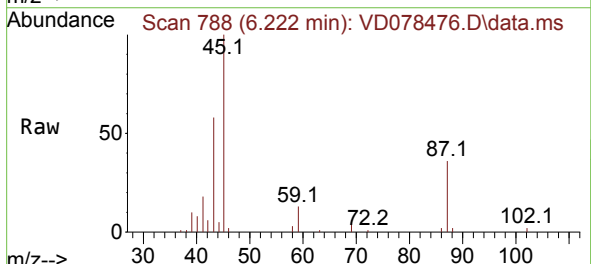
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

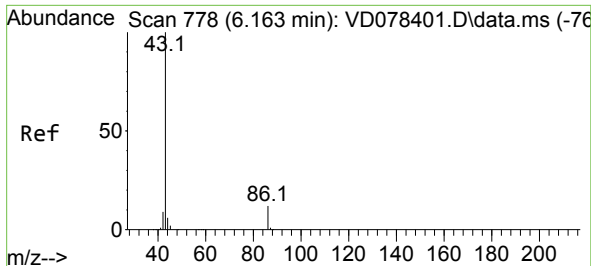
Tgt Ion: 96 Resp: 35571
Ion Ratio Lower Upper
96 100
61 110.9 89.3 133.9
98 58.7 48.6 73.0



#22
Diisopropyl ether
Concen: 20.185 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 45 Resp: 80680
Ion Ratio Lower Upper
45 100
43 56.9 40.0 60.0
87 35.7 28.2 42.4
59 12.9 11.0 16.4

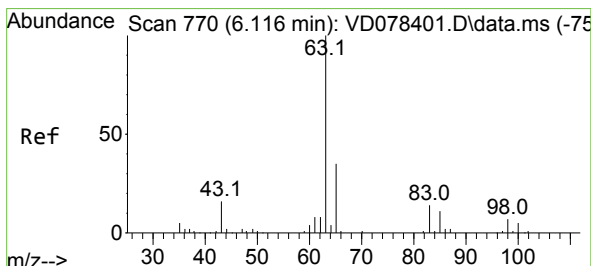
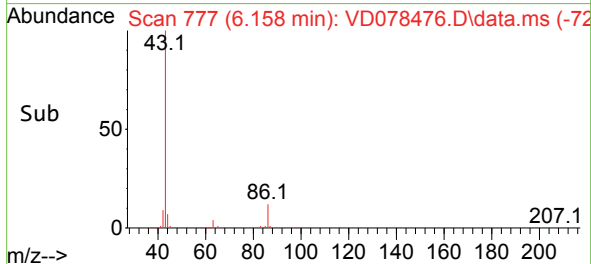
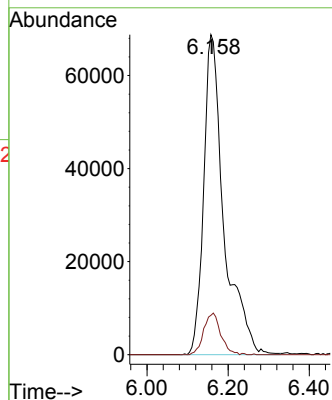
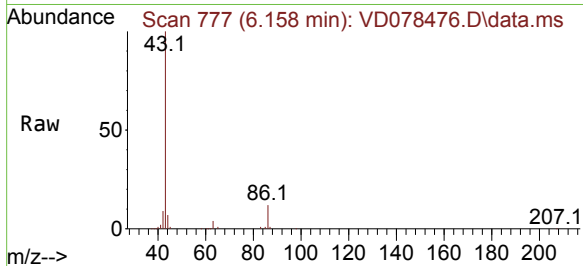




#23
 Vinyl Acetate
 Concen: 139.094 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

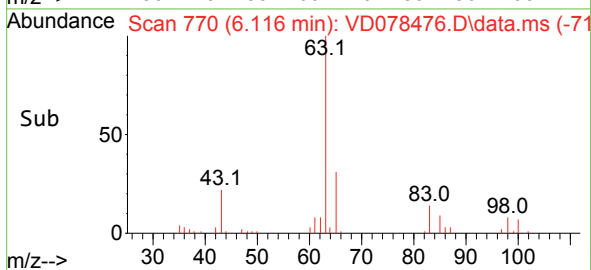
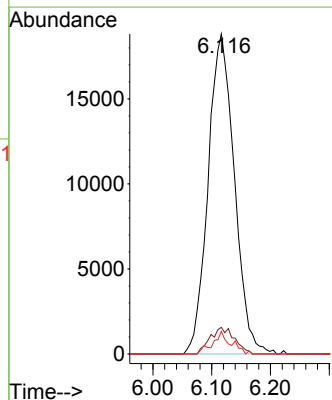
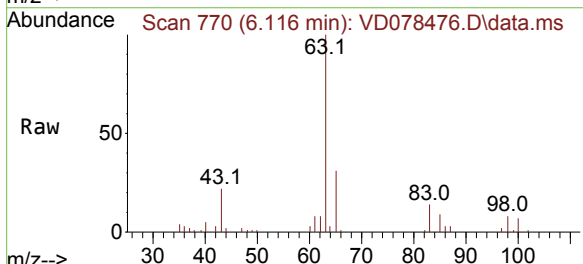
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

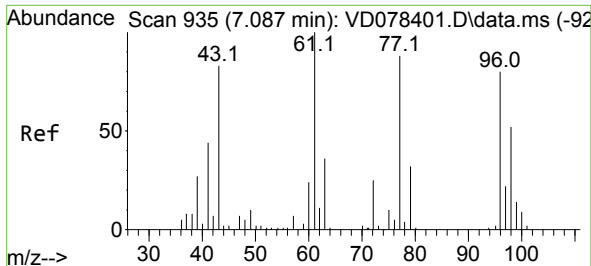
Tgt Ion: 43 Resp: 238047
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.662 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

Tgt Ion: 63 Resp: 58504
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 7.0 2.5 7.5





#25

2-Butanone

Concen: 109.961 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

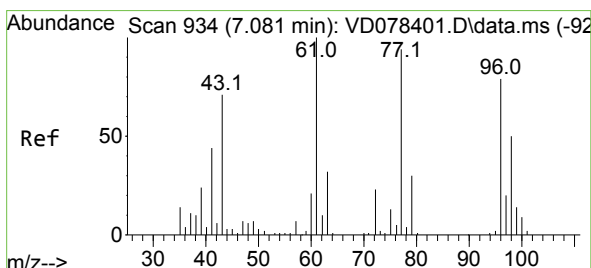
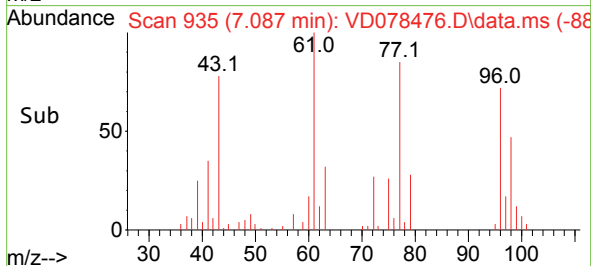
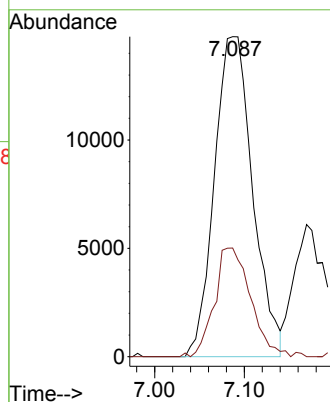
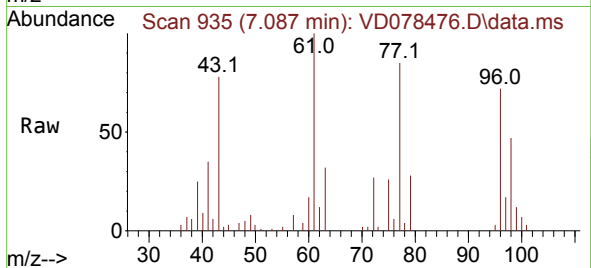
VD0220SBSD01

Tgt Ion: 43 Resp: 43808

Ion Ratio Lower Upper

43 100

72 34.0 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.729 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078476.D

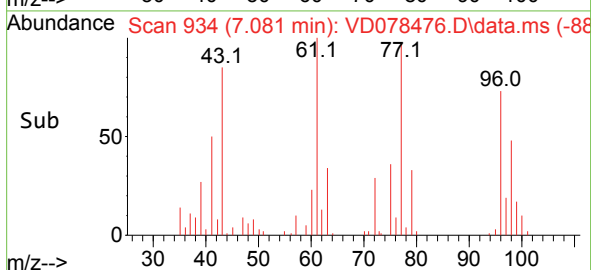
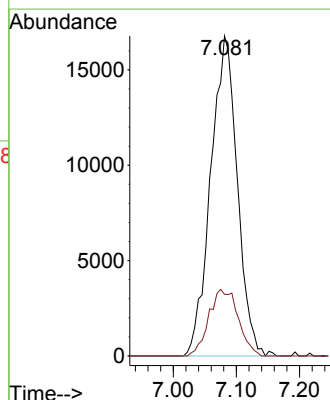
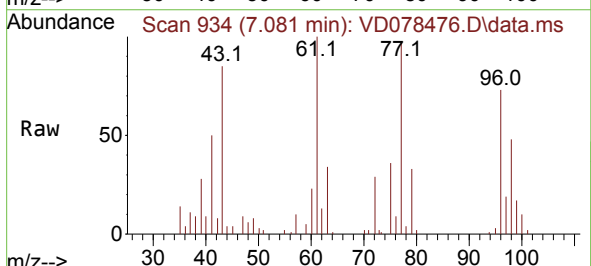
Acq: 20 Feb 2024 11:51

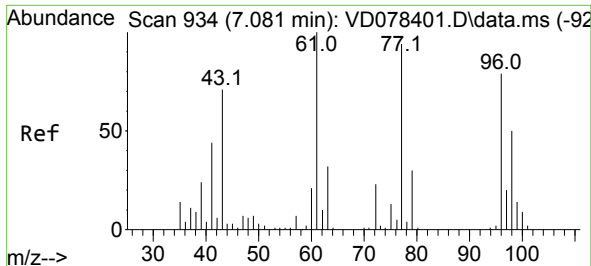
Tgt Ion: 77 Resp: 49203

Ion Ratio Lower Upper

77 100

97 22.9 13.2 39.6

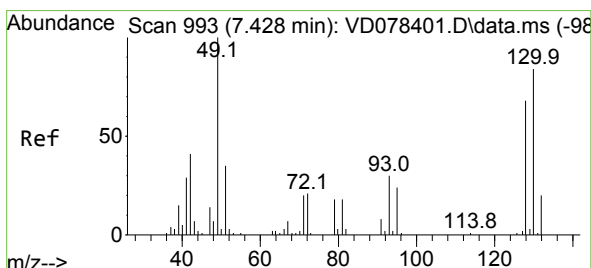
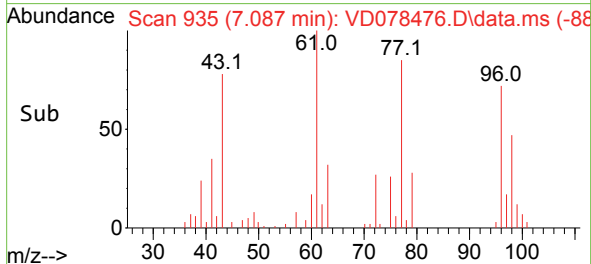
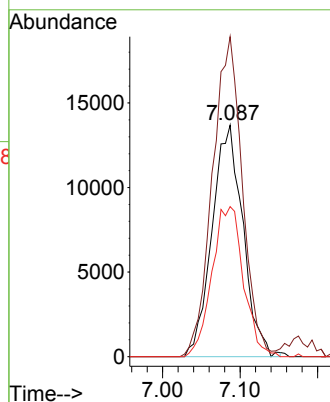
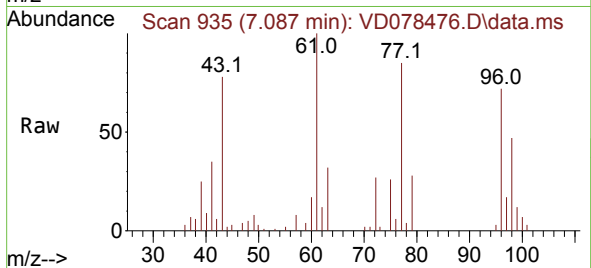




#27
cis-1,2-Dichloroethene
Concen: 19.959 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

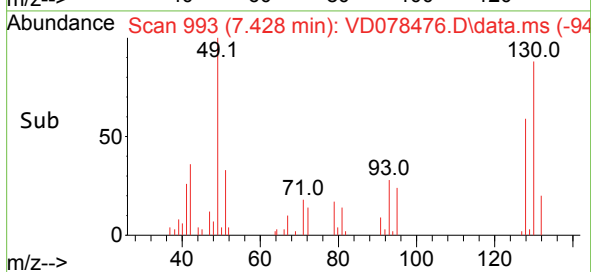
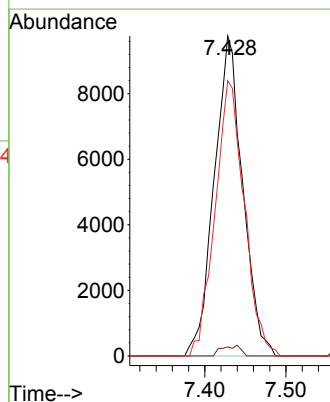
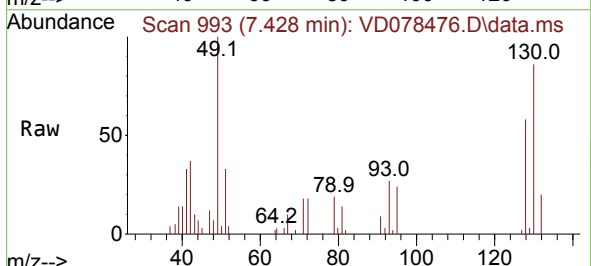
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

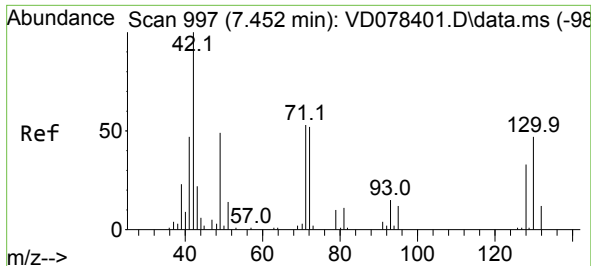
Tgt Ion: 96 Resp: 37817
Ion Ratio Lower Upper
96 100
61 134.0 0.0 239.2
98 66.3 0.0 128.6



#28
Bromochloromethane
Concen: 21.206 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 49 Resp: 23782
Ion Ratio Lower Upper
49 100
129 2.2 0.0 6.0
130 88.2 83.2 124.8

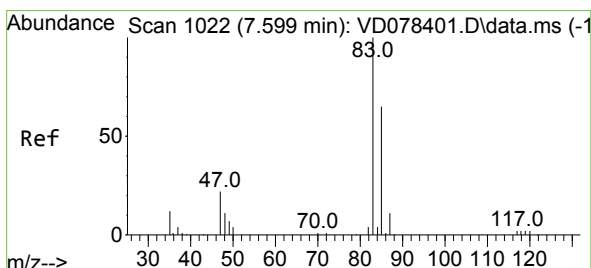
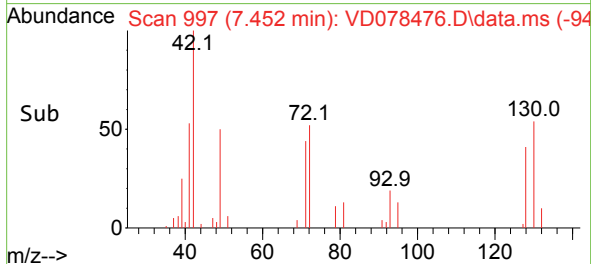
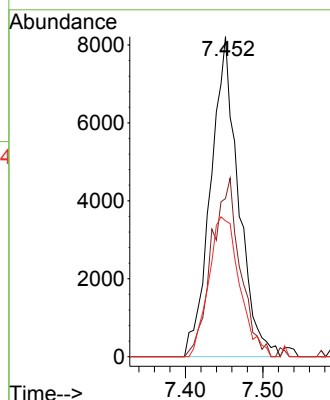
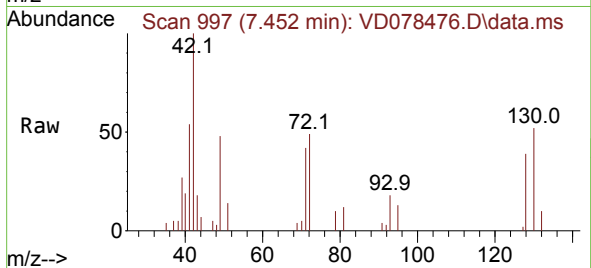




#29
Tetrahydrofuran
Concen: 94.546 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

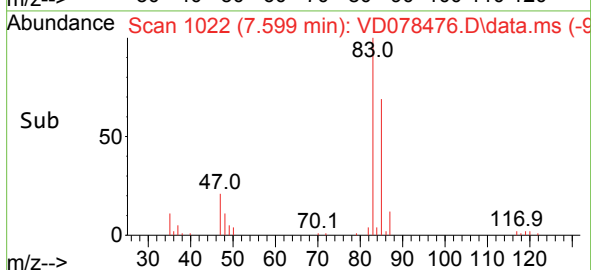
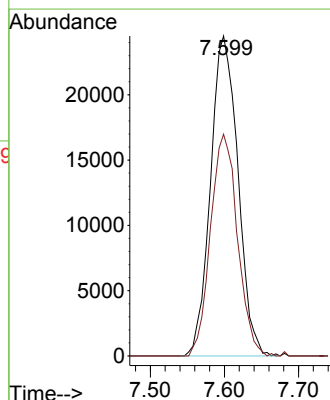
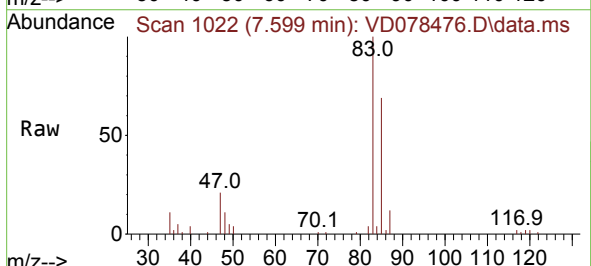
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

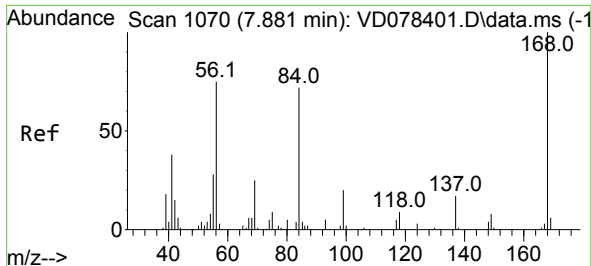
Tgt Ion: 42	Resp: 20472
Ion Ratio	Lower Upper
42	100
72	57.4 46.5 69.7
71	48.9 44.5 66.7



#30
Chloroform
Concen: 21.004 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 83	Resp: 62925
Ion Ratio	Lower Upper
83	100
85	69.3 53.4 80.2

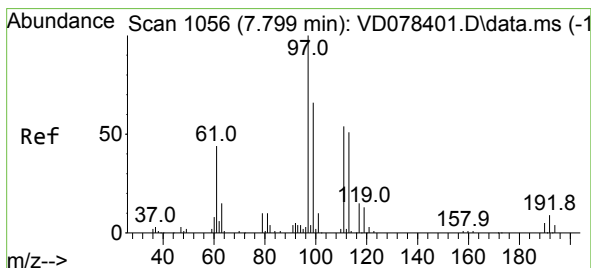
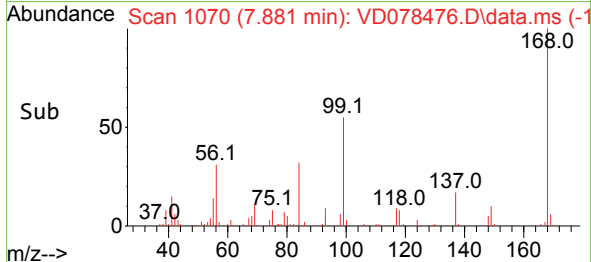
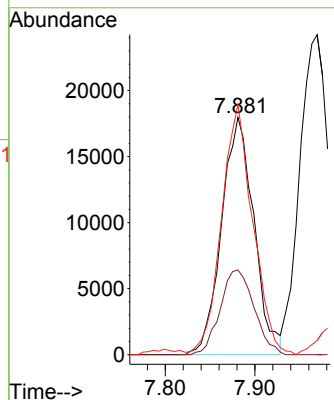
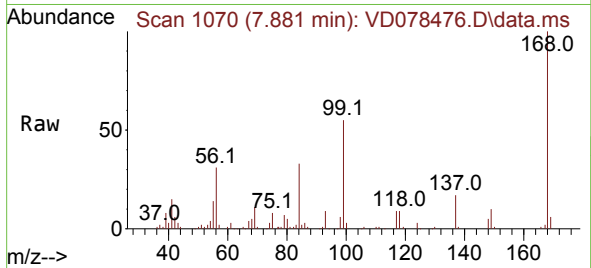




#31
Cyclohexane
Concen: 18.240 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

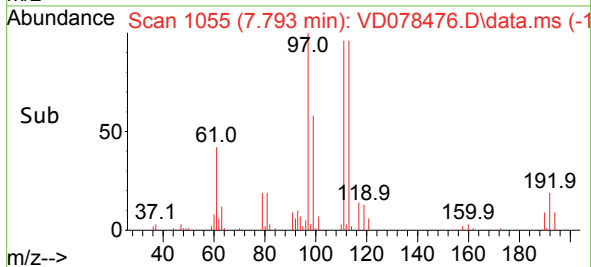
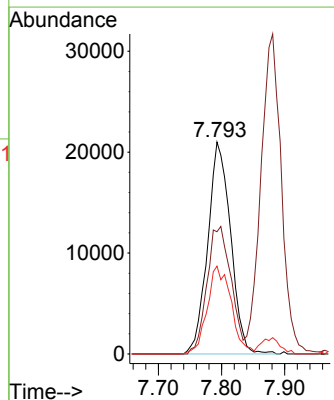
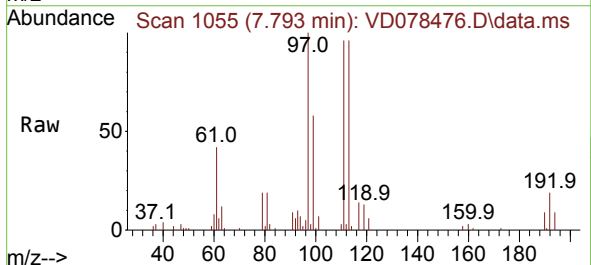
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

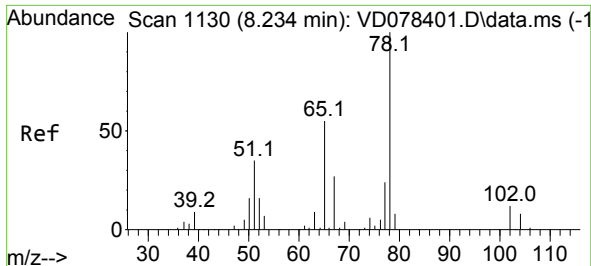
Tgt Ion: 56 Resp: 44925
Ion Ratio Lower Upper
56 100
69 35.7 28.6 43.0
84 103.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.745 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 97 Resp: 52988
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.589 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

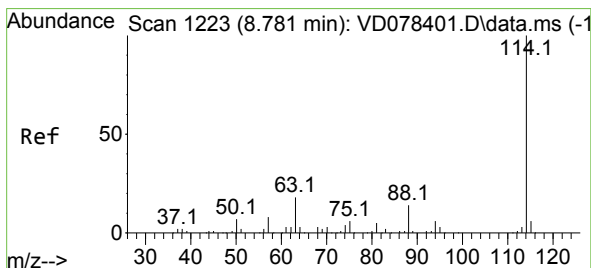
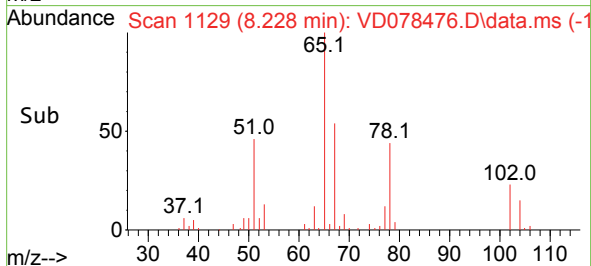
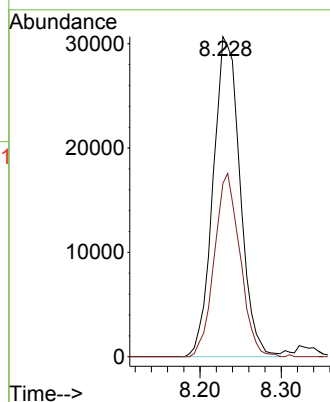
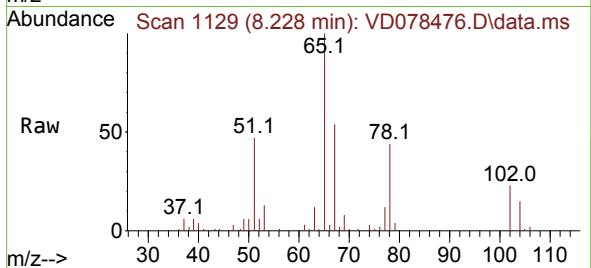
VD0220SBSD01

Tgt Ion: 65 Resp: 70746

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

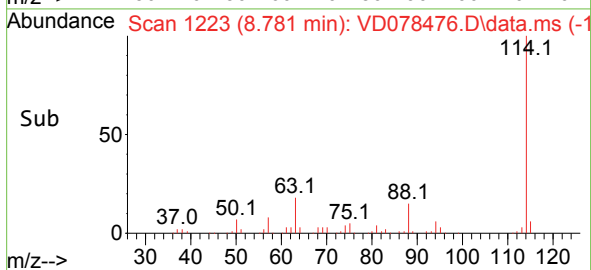
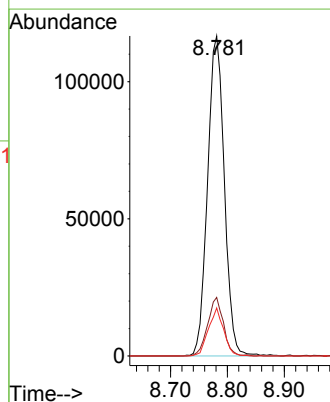
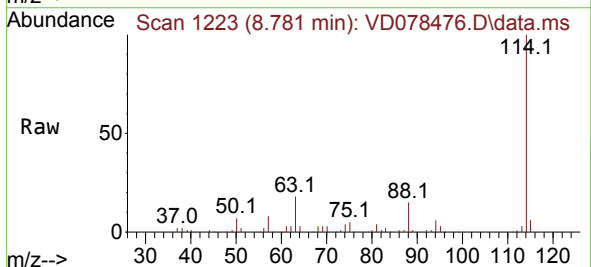
Tgt Ion:114 Resp: 238638

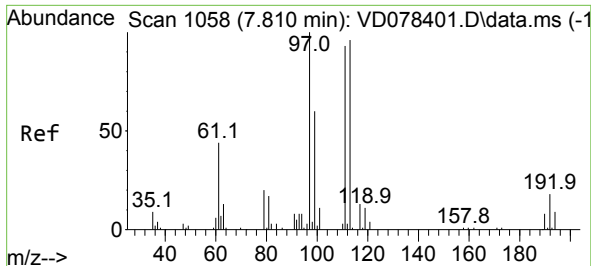
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

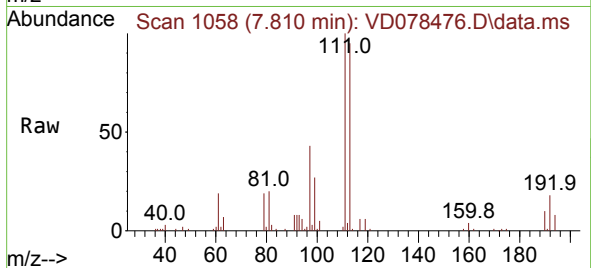
88 15.0 0.0 26.2



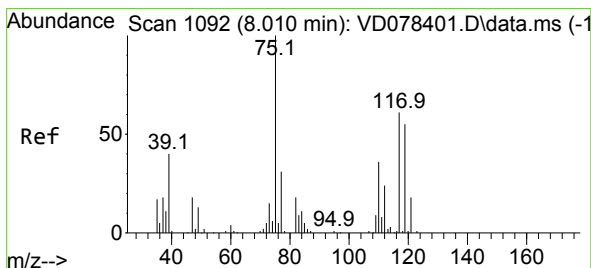
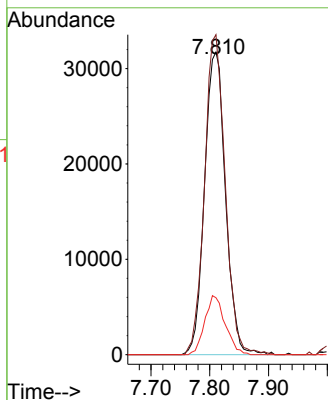
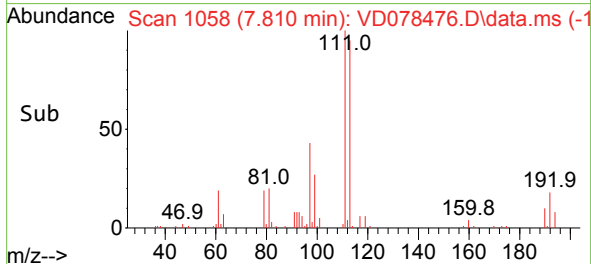


#35
Dibromofluoromethane
Concen: 51.976 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

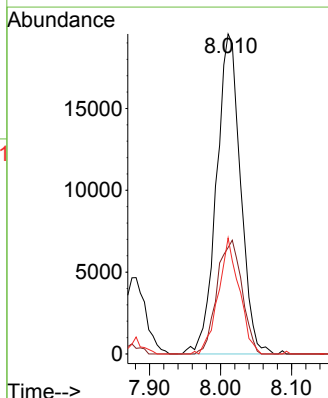
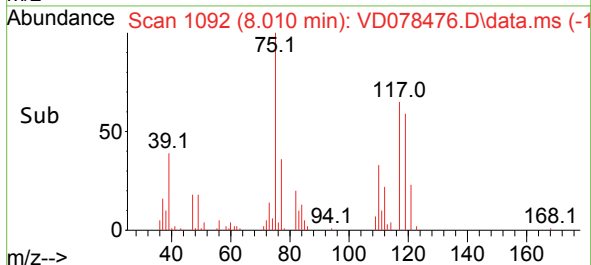
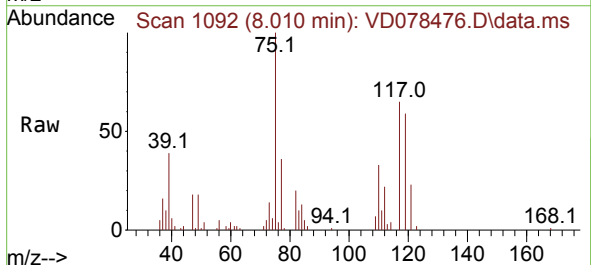


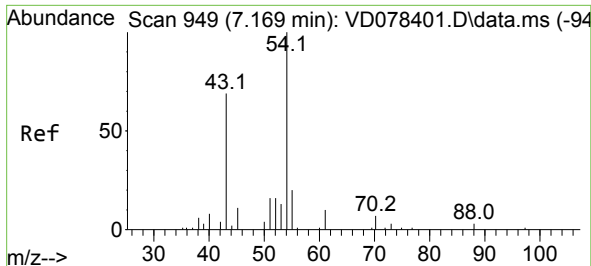
Tgt Ion:113 Resp: 78789
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.468 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 75 Resp: 45845
Ion Ratio Lower Upper
75 100
110 37.0 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 19.447 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBSD01

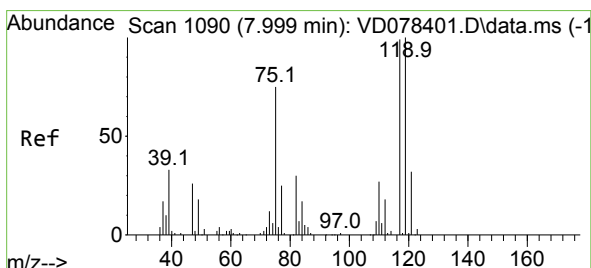
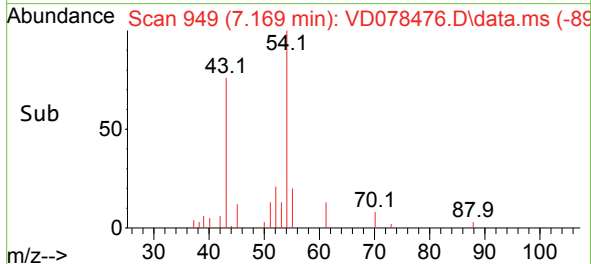
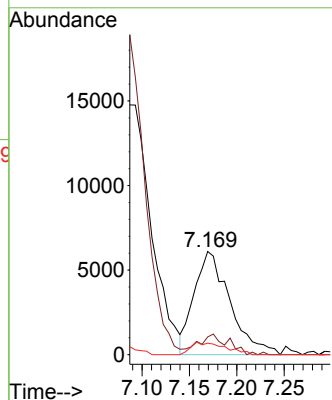
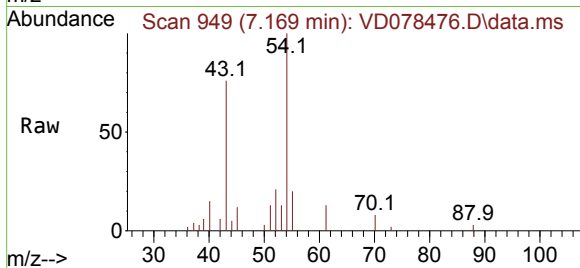
Tgt Ion: 43 Resp: 16053

Ion Ratio Lower Upper

43 100

61 17.4 14.9 22.3

70 11.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.349 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

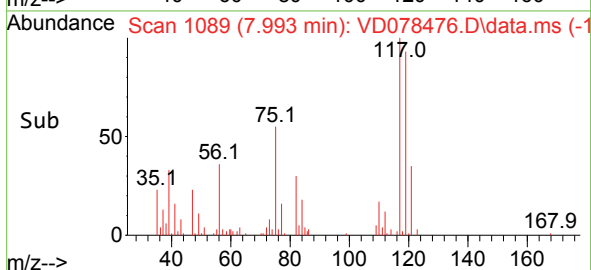
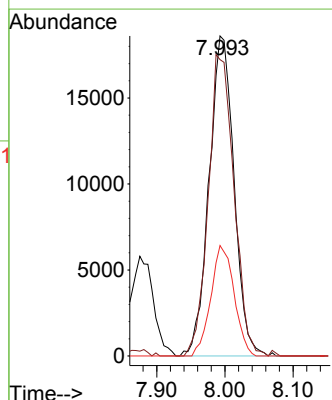
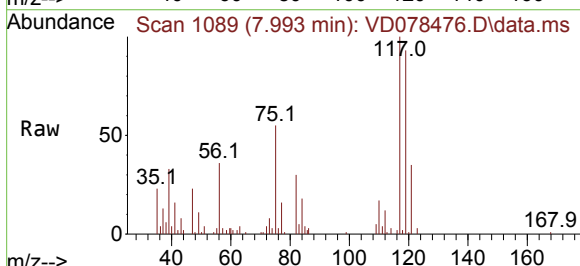
Tgt Ion: 117 Resp: 47457

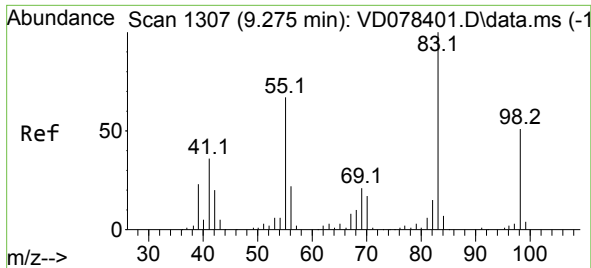
Ion Ratio Lower Upper

117 100

119 92.6 78.0 117.0

121 34.5 24.2 36.2

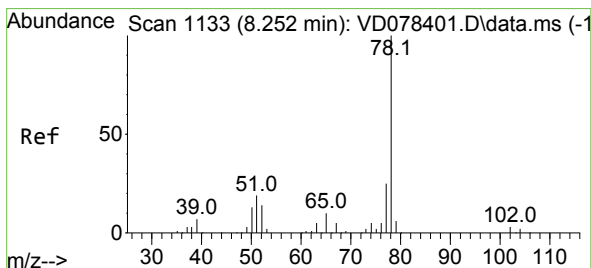
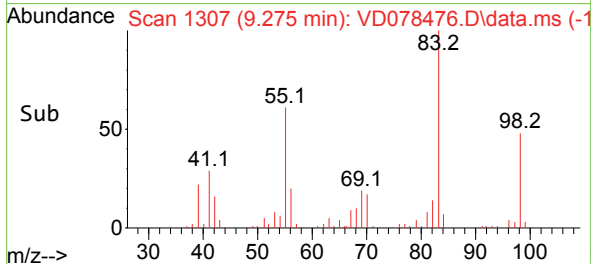
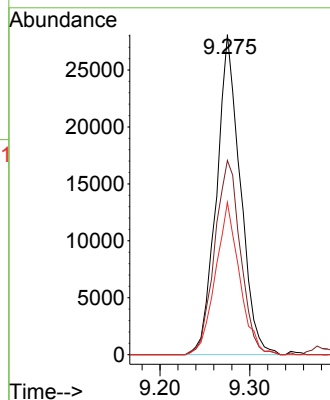
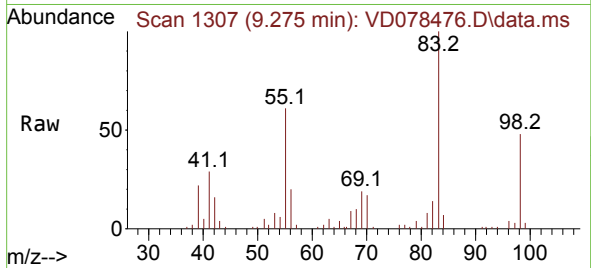




#39
Methylcyclohexane
Concen: 18.498 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

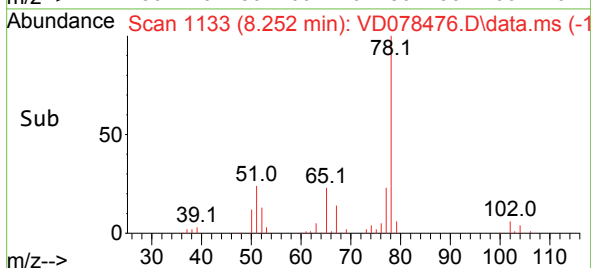
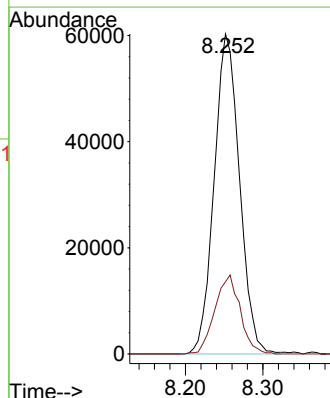
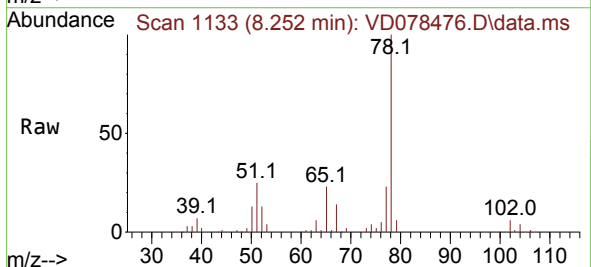
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

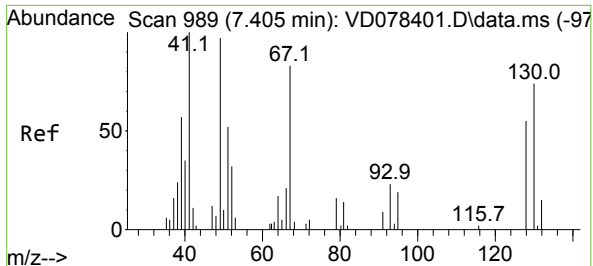
Tgt Ion: 83 Resp: 51714
Ion Ratio Lower Upper
83 100
55 60.7 49.4 74.0
98 47.6 38.4 57.6



#40
Benzene
Concen: 20.137 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

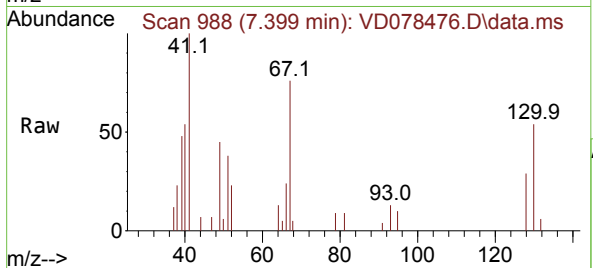
Tgt Ion: 78 Resp: 137062
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.0



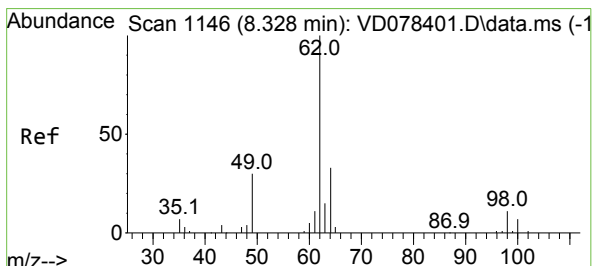
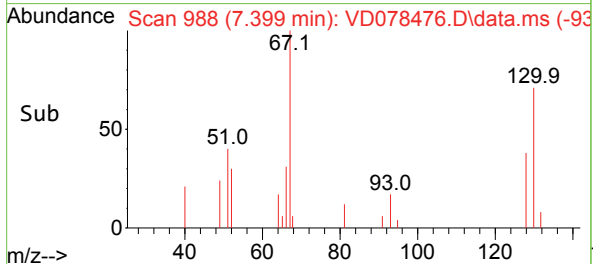
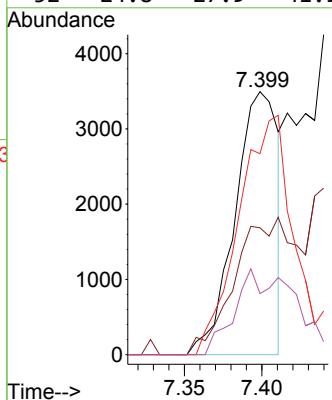


#41
Methacrylonitrile
Concen: 15.744 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

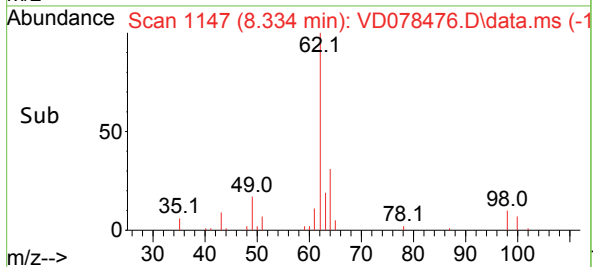
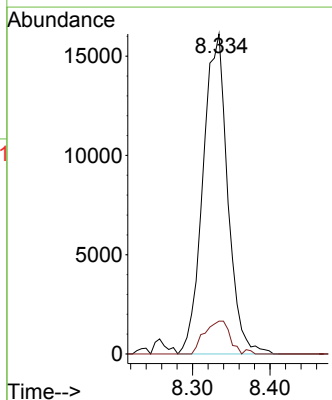
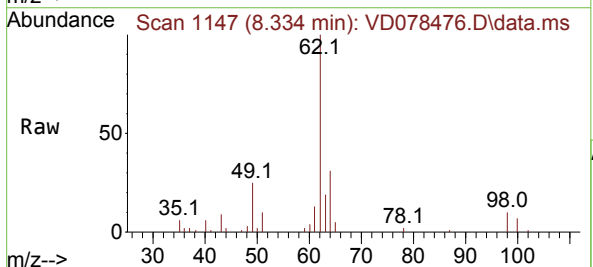


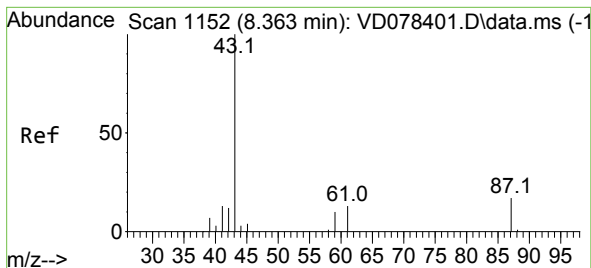
Tgt Ion:	41	Resp:	6764
Ion	Ratio	Lower	Upper
41	100		
39	76.8	34.0	51.0#
67	117.9	77.0	115.4#
52	24.8	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 20.286 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:	62	Resp:	35728
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	25.4





#43

Isopropyl Acetate

Concen: 19.575 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBSD01

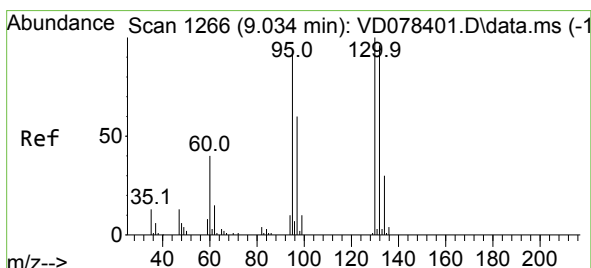
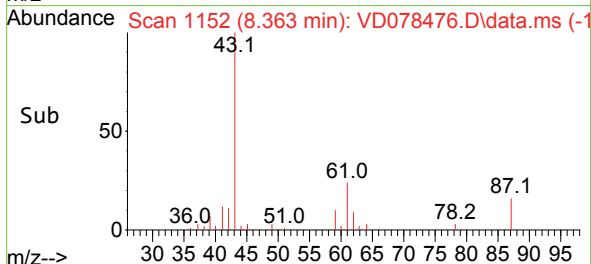
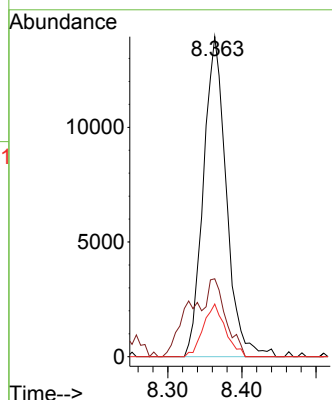
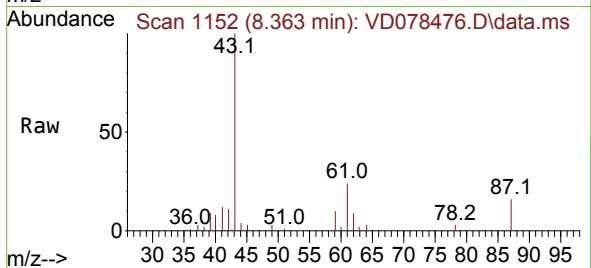
Tgt Ion: 43 Resp: 29923

Ion Ratio Lower Upper

43 100

61 20.6 31.4 47.0#

87 15.9 14.9 22.3



#44

Trichloroethene

Concen: 20.723 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD078476.D

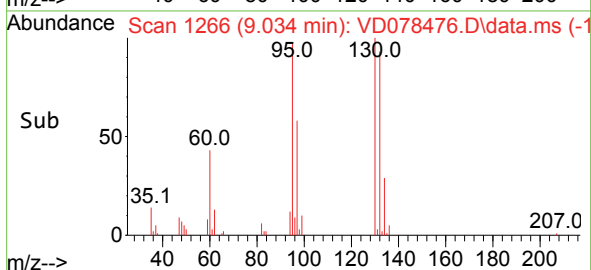
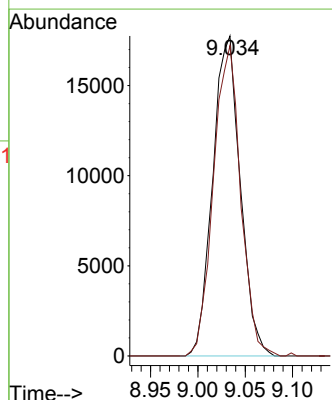
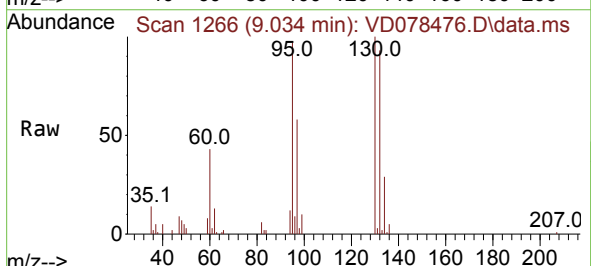
Acq: 20 Feb 2024 11:51

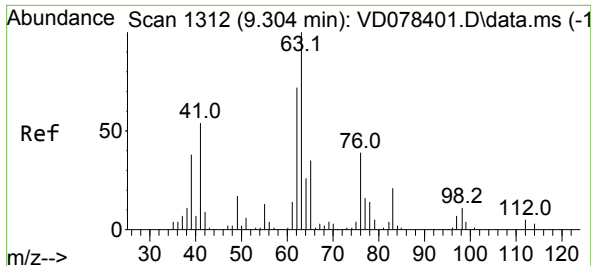
Tgt Ion:130 Resp: 35985

Ion Ratio Lower Upper

130 100

95 97.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.792 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

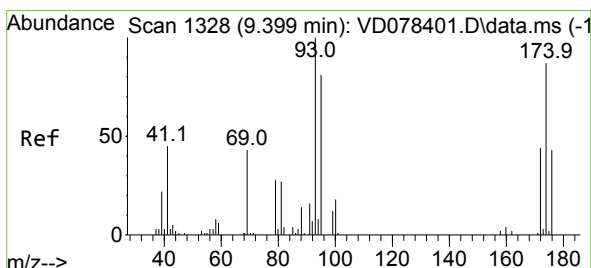
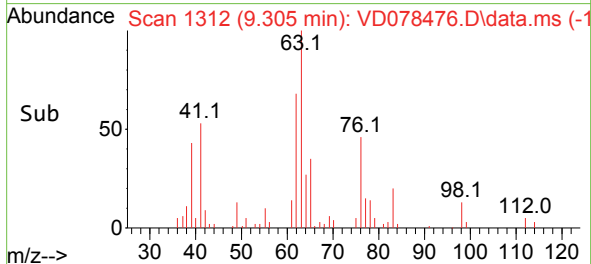
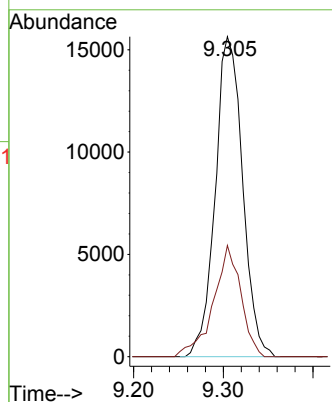
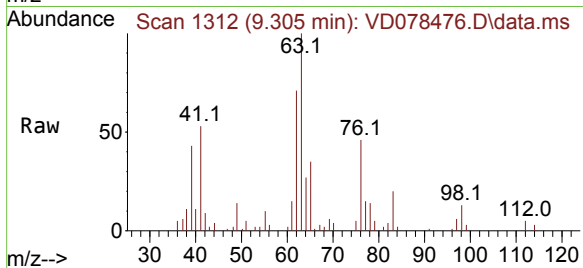
VD0220SBS01

Tgt Ion: 63 Resp: 33053

Ion Ratio Lower Upper

63 100

65 34.8 24.5 36.7



#46

Dibromomethane

Concen: 19.685 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

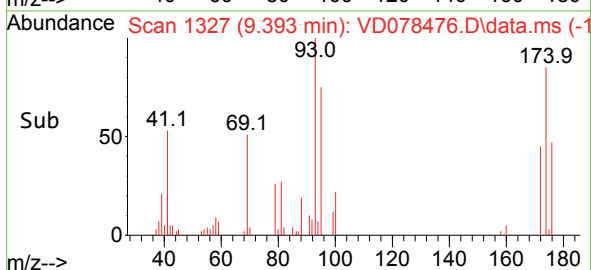
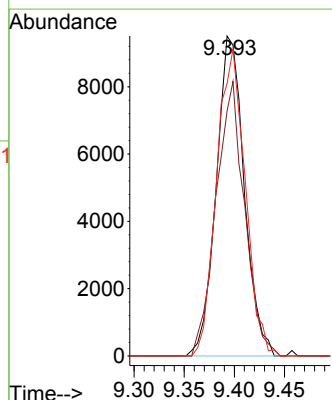
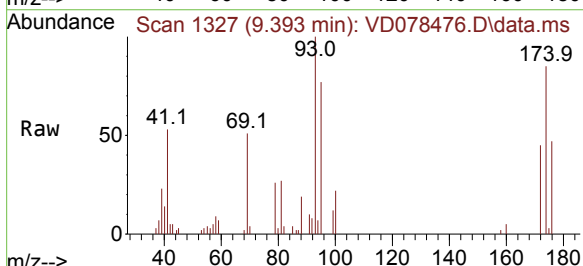
Tgt Ion: 93 Resp: 18491

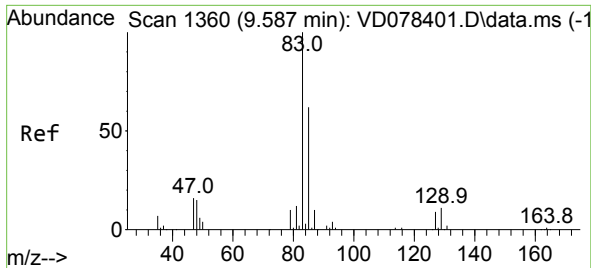
Ion Ratio Lower Upper

93 100

95 87.2 67.7 101.5

174 98.0 85.4 128.2

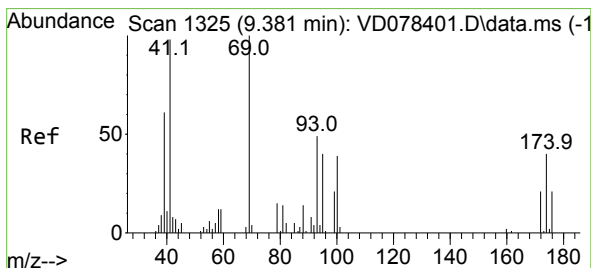
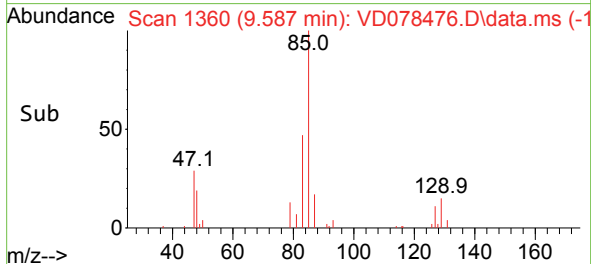
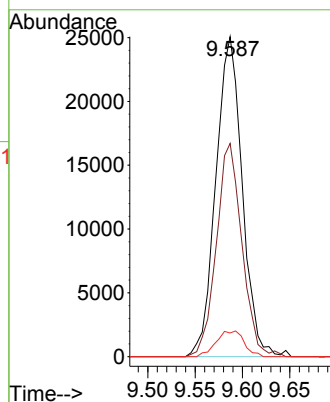
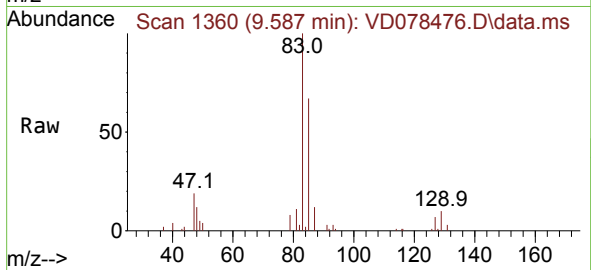




#47
Bromodichloromethane
Concen: 20.827 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

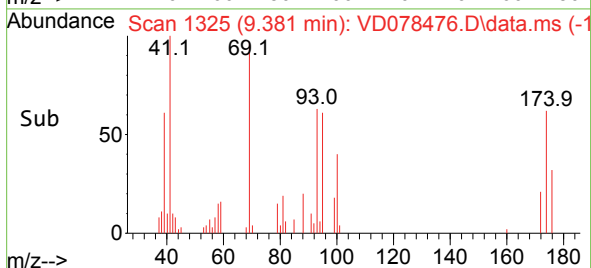
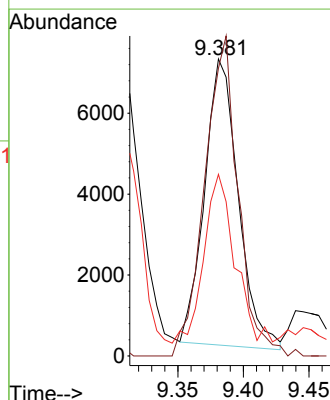
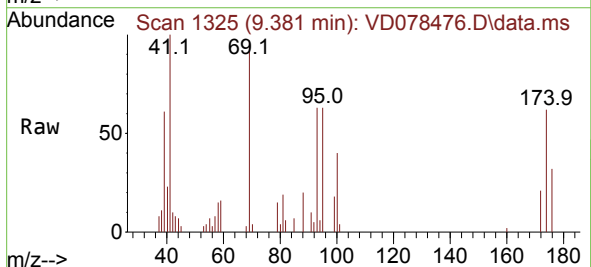
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

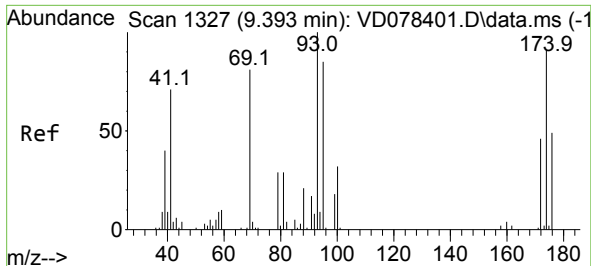
Tgt Ion: 83 Resp: 48457
Ion Ratio Lower Upper
83 100
85 66.7 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 15.616 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 41 Resp: 12664
Ion Ratio Lower Upper
41 100
69 111.0 102.2 153.2
39 65.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 398.910 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

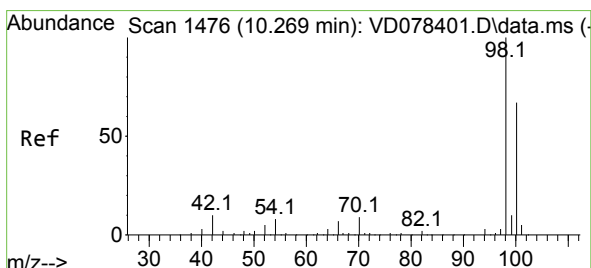
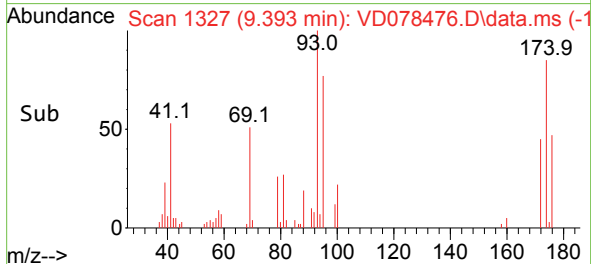
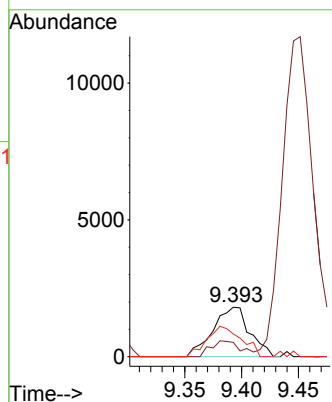
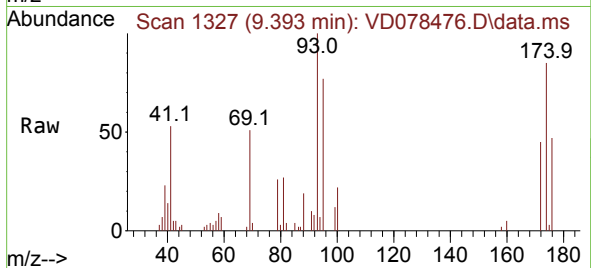
Tgt Ion: 88 Resp: 4058

Ion Ratio Lower Upper

88 100

43 26.2 19.0 28.6

58 57.8 43.5 65.3



#50

Toluene-d8

Concen: 50.754 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078476.D

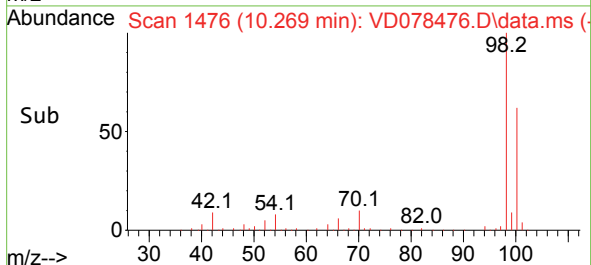
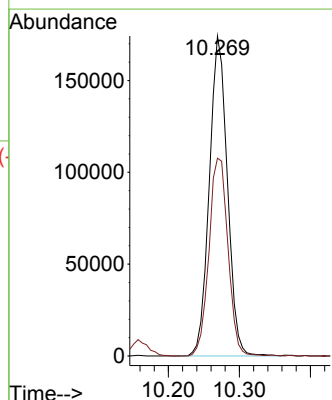
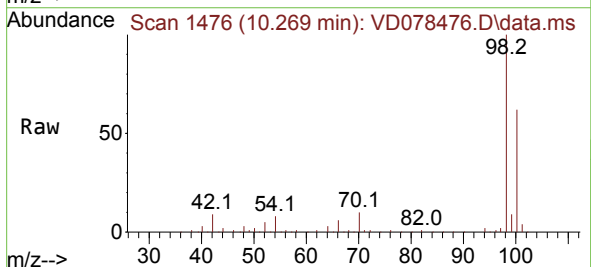
Acq: 20 Feb 2024 11:51

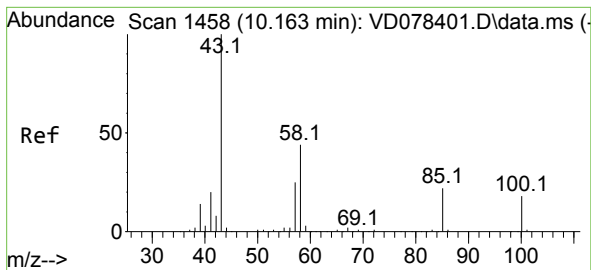
Tgt Ion: 98 Resp: 307764

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

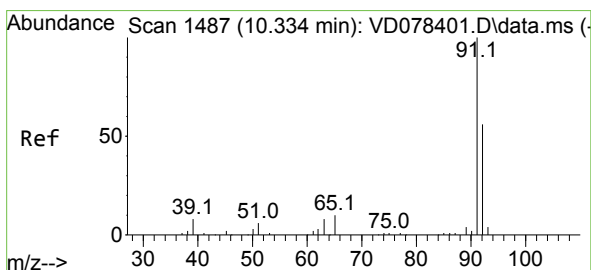
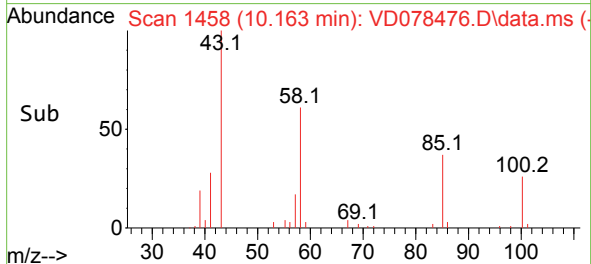
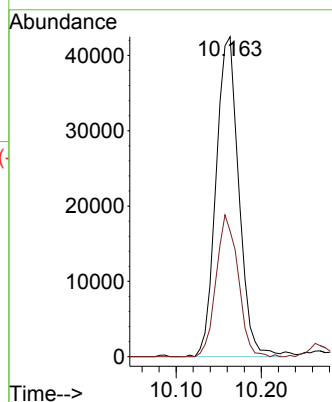
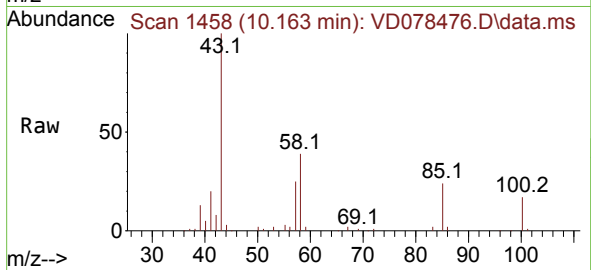




#51
4-Methyl-2-Pentanone
Concen: 97.182 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

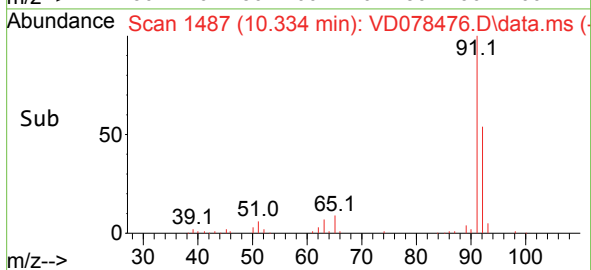
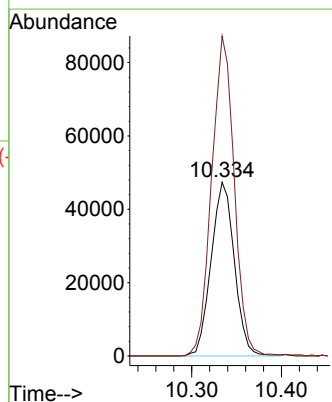
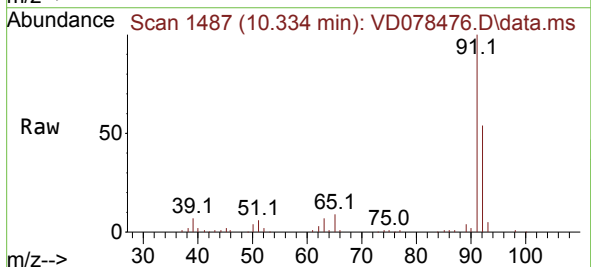
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

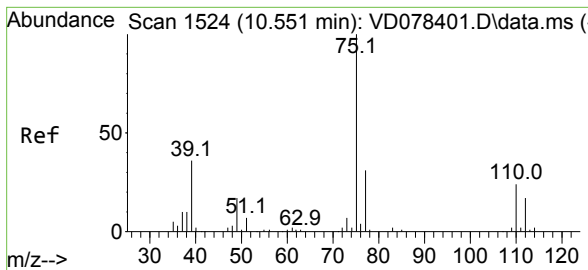
Tgt Ion: 43 Resp: 78844
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 19.771 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 92 Resp: 85103
Ion Ratio Lower Upper
92 100
91 179.3 143.0 214.4

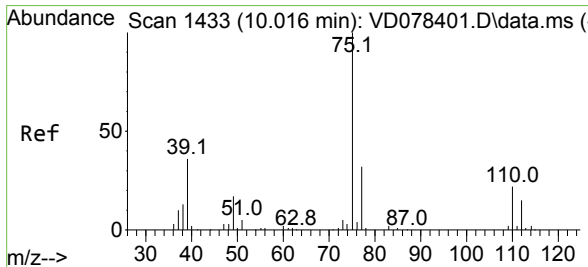
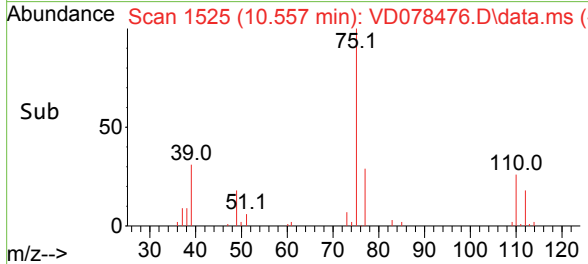
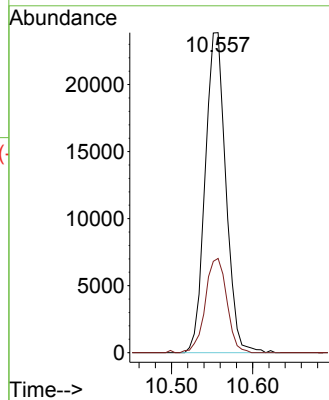
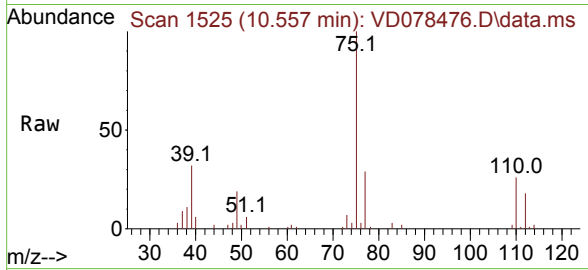




#53
 t-1,3-Dichloropropene
 Concen: 19.890 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

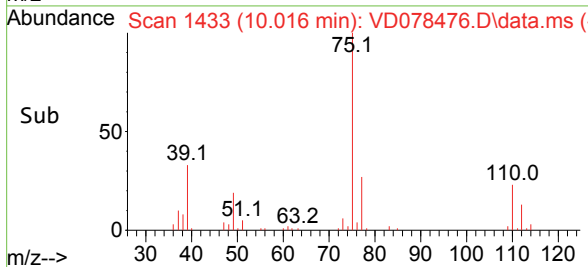
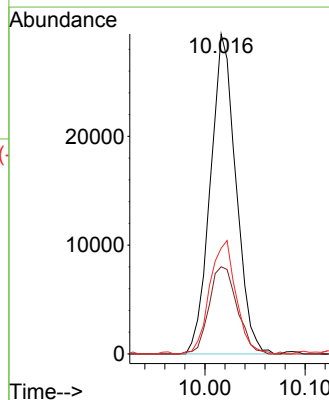
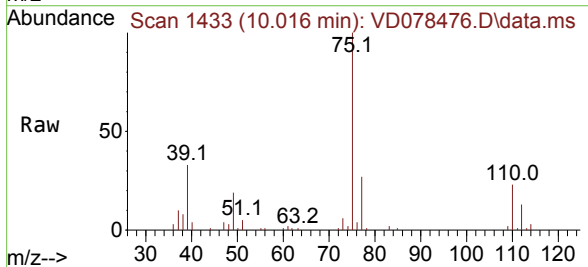
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBS01

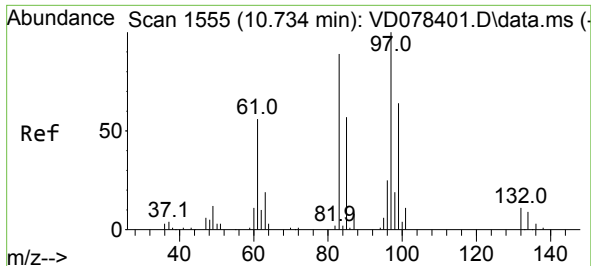
Tgt Ion: 75 Resp: 42226
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.200 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

Tgt Ion: 75 Resp: 51999
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.5 38.3
 39 33.1 22.1 33.1

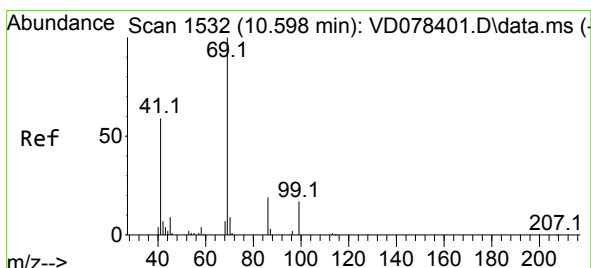
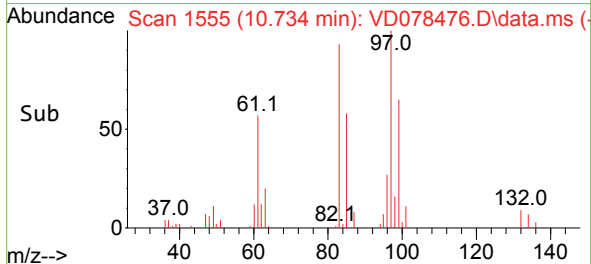
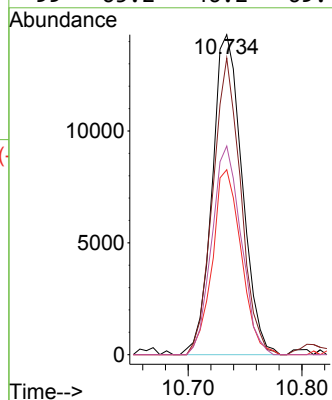
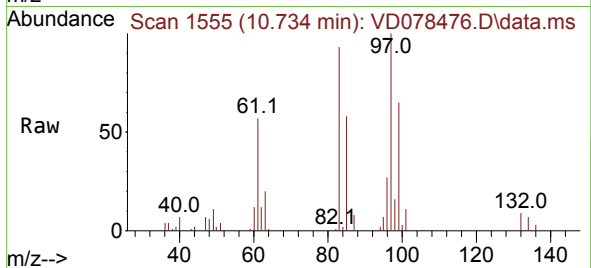




#55
1,1,2-Trichloroethane
Concen: 20.711 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

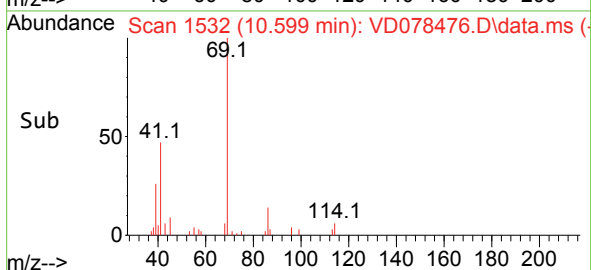
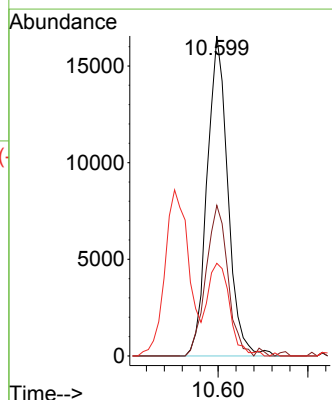
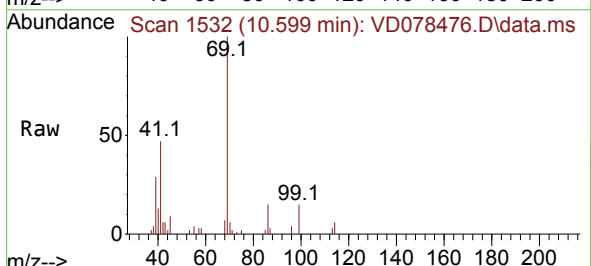
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

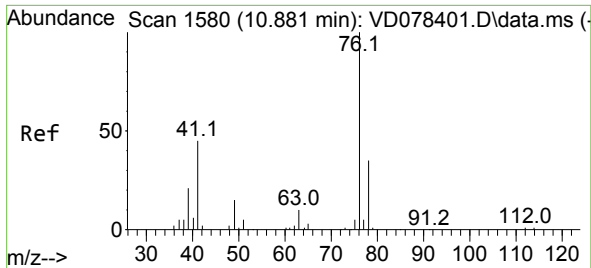
Tgt Ion: 97	Resp: 26199
Ion Ratio	Lower Upper
97 100	
83 92.7	65.8 98.6
85 57.8	45.7 68.5
99 65.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 22.654 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 69	Resp: 26504
Ion Ratio	Lower Upper
69 100	
41 50.0	39.1 58.7
39 30.7	20.0 30.0#

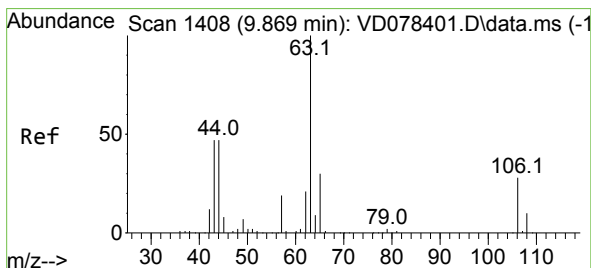
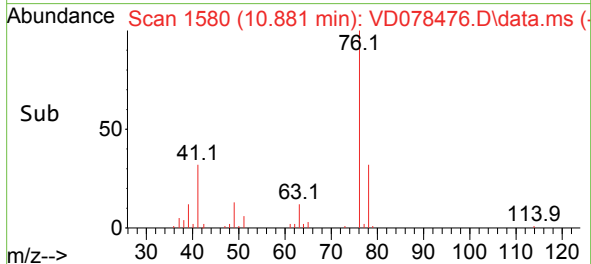
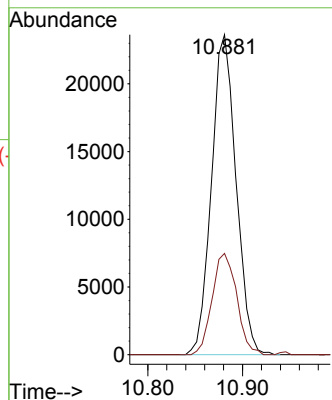
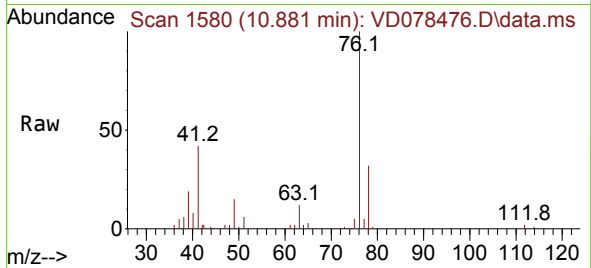




#57
1,3-Dichloropropane
Concen: 19.777 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

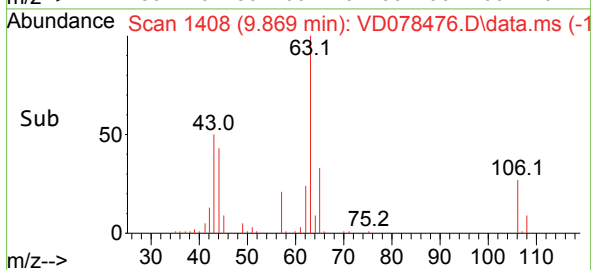
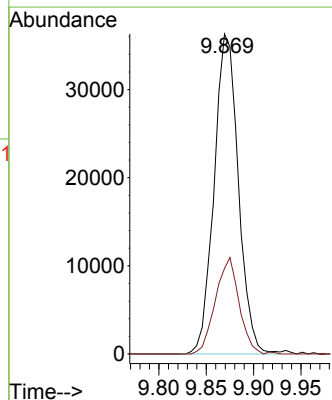
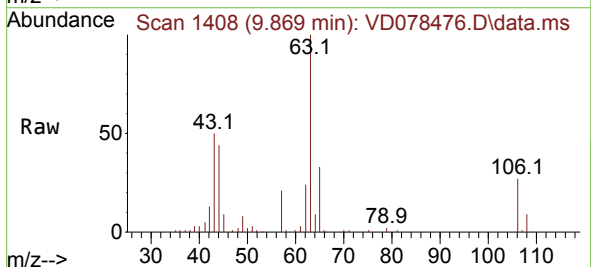
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

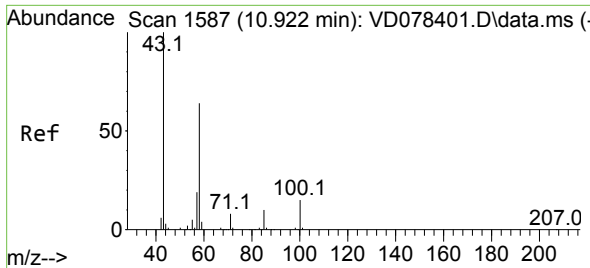
Tgt Ion: 76 Resp: 42558
Ion Ratio Lower Upper
76 100
78 31.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 93.967 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 63 Resp: 64757
Ion Ratio Lower Upper
63 100
106 29.4 25.3 37.9

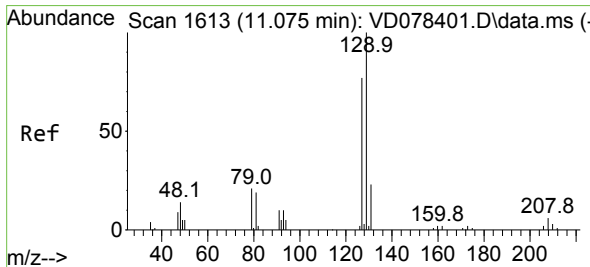
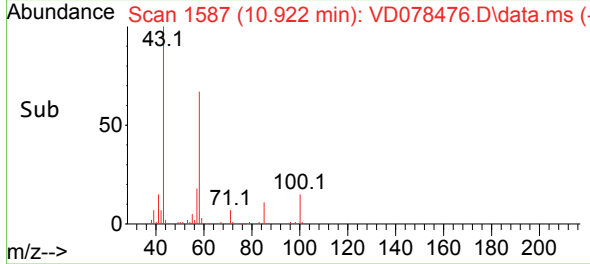
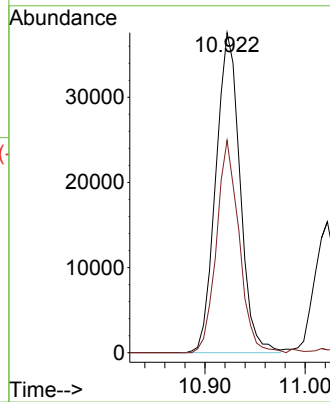
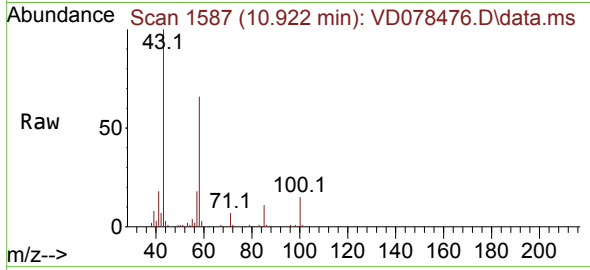




#59
2-Hexanone
Concen: 103.319 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

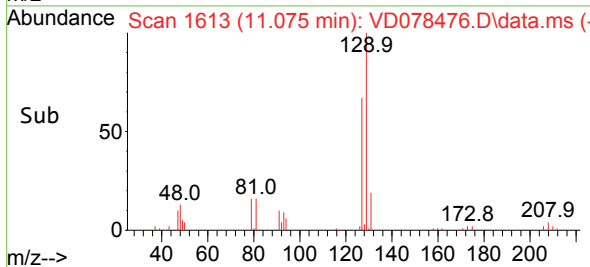
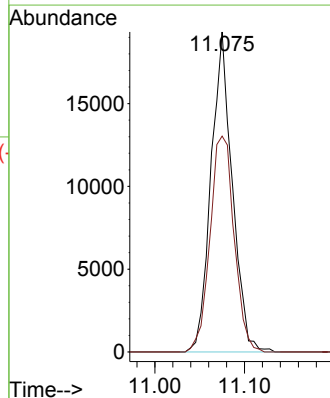
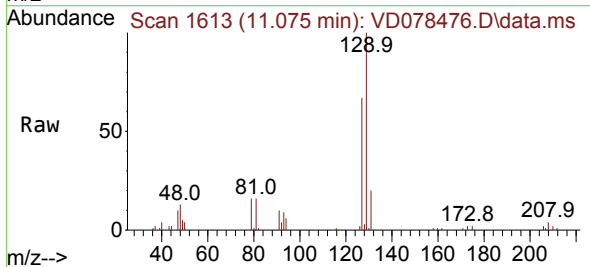
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

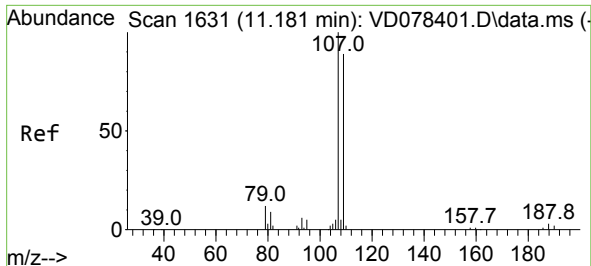
Tgt Ion: 43 Resp: 62994
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.873 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 129 Resp: 31769
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5

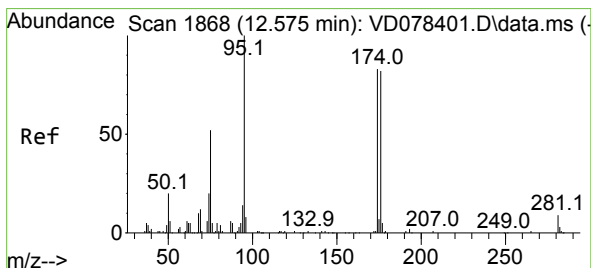
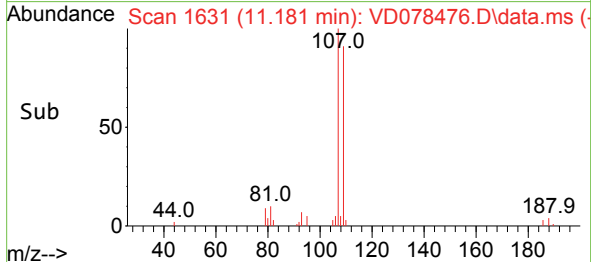
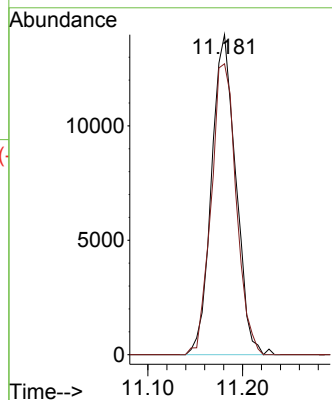
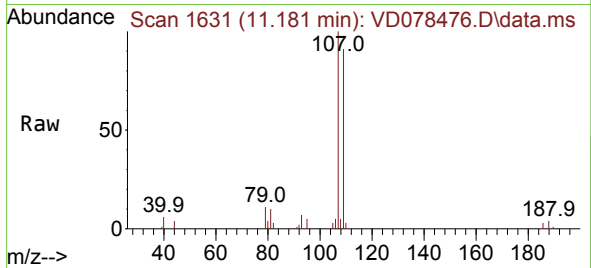




#61
1,2-Dibromoethane
Concen: 20.956 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

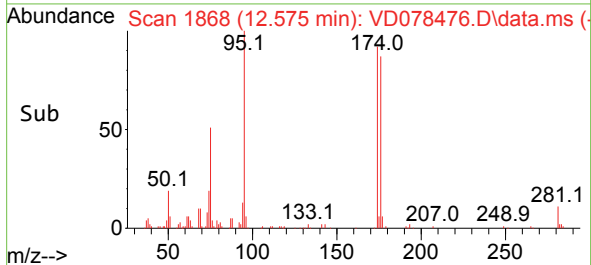
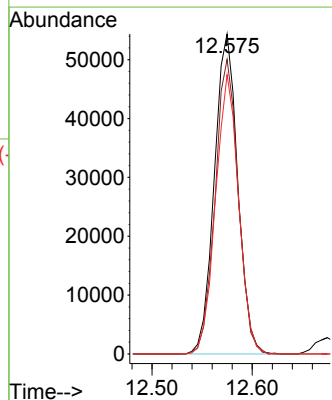
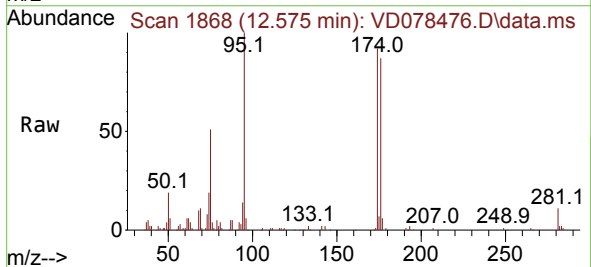
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

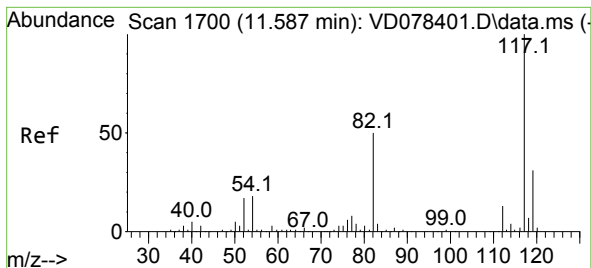
Tgt Ion:107 Resp: 24887
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.854 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 95 Resp: 87974
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 85.8 0.0 191.8

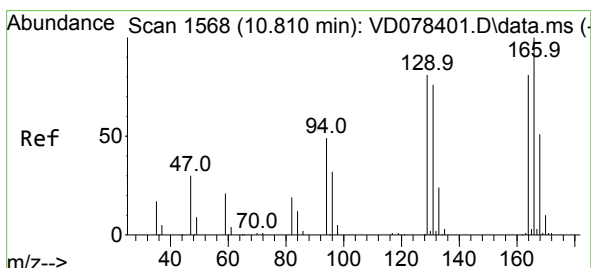
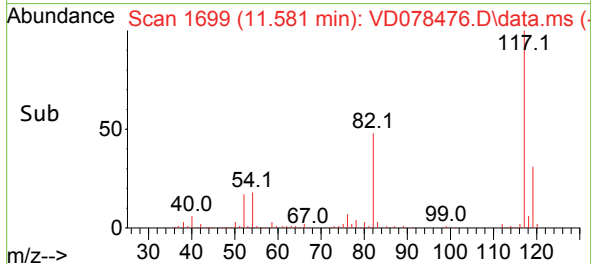
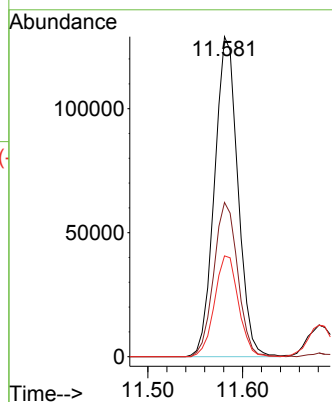
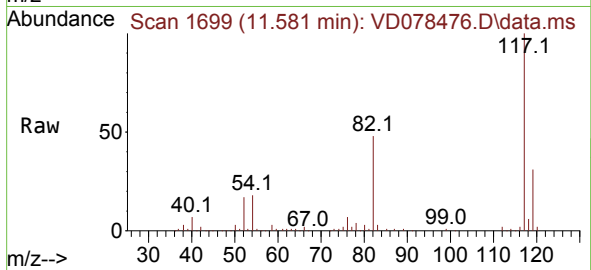




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

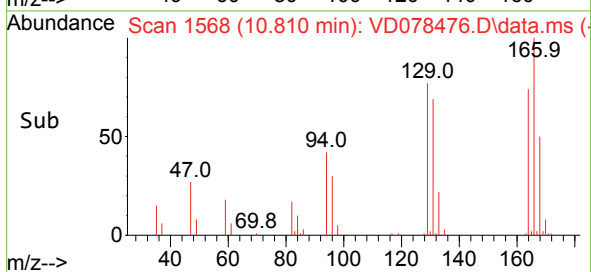
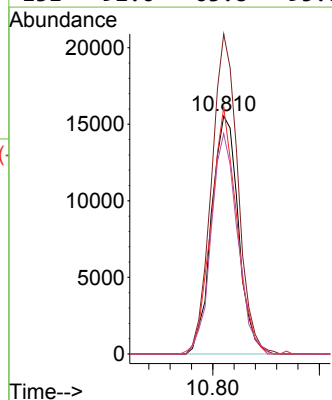
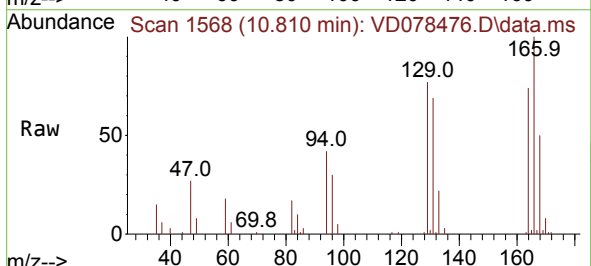
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

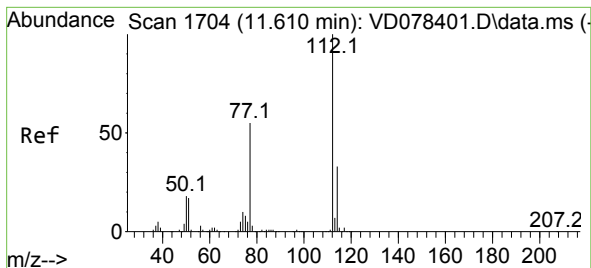
Tgt Ion:117 Resp: 220892
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 19.525 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:164 Resp: 27241
Ion Ratio Lower Upper
164 100
166 134.5 99.2 148.8
129 103.7 68.4 102.6#
131 92.6 63.8 95.8





#65

Chlorobenzene

Concen: 21.038 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

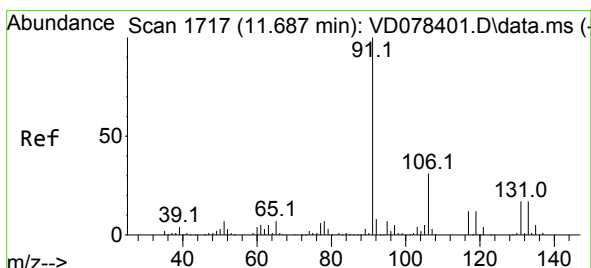
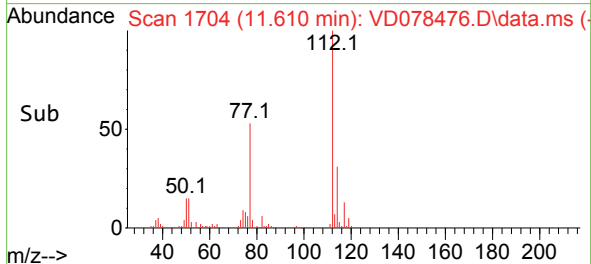
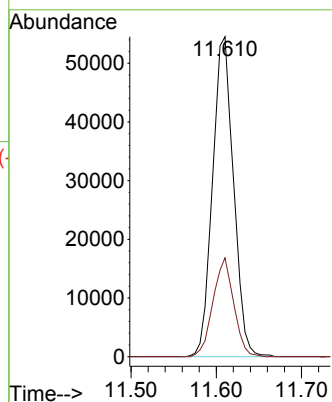
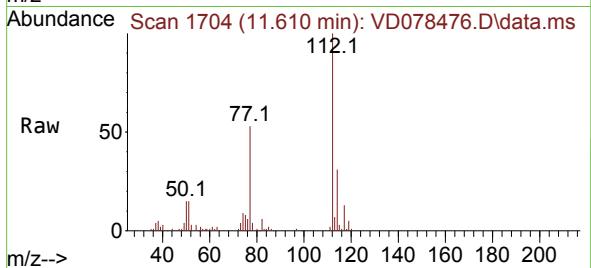
VD0220SBS01

Tgt Ion:112 Resp: 93424

Ion Ratio Lower Upper

112 100

114 30.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.390 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

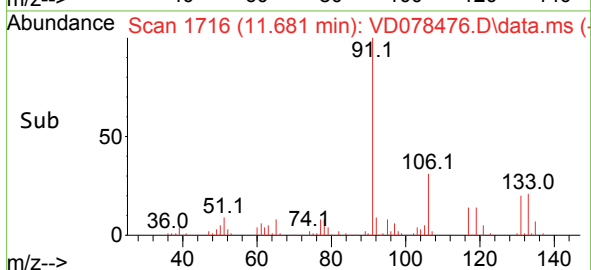
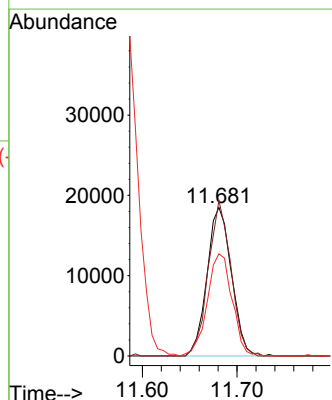
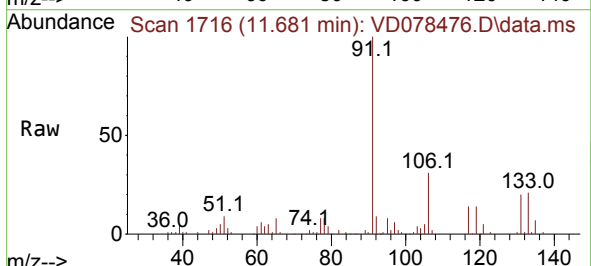
Tgt Ion:131 Resp: 33276

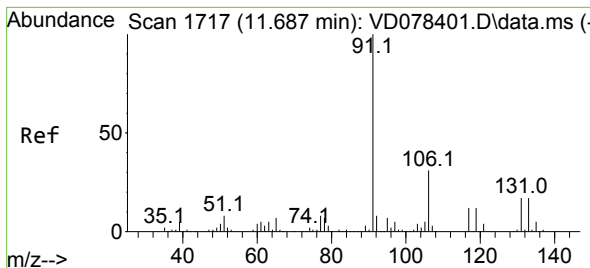
Ion Ratio Lower Upper

131 100

133 96.7 48.5 145.5

119 69.7 35.6 106.9





#67

Ethyl Benzene

Concen: 19.521 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

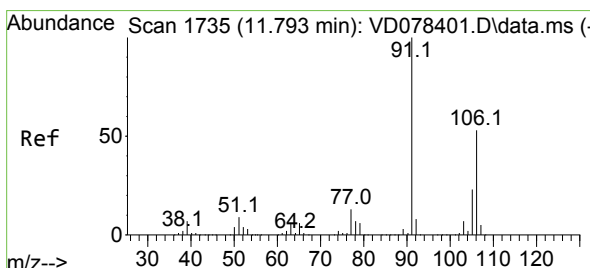
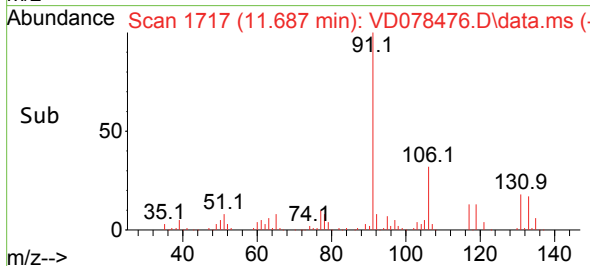
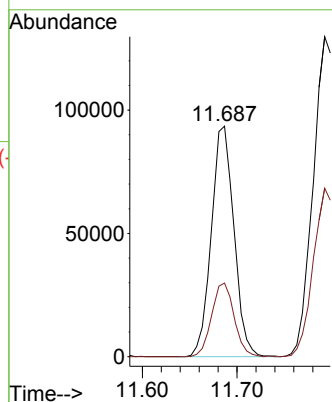
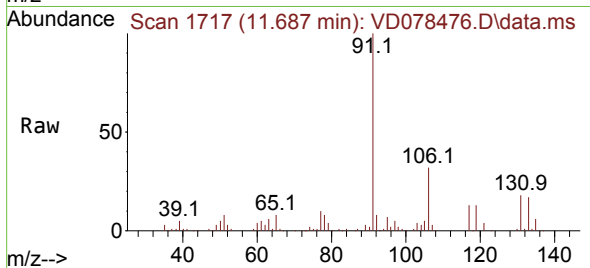
VD0220SBSD01

Tgt Ion: 91 Resp: 155327

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 40.943 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078476.D

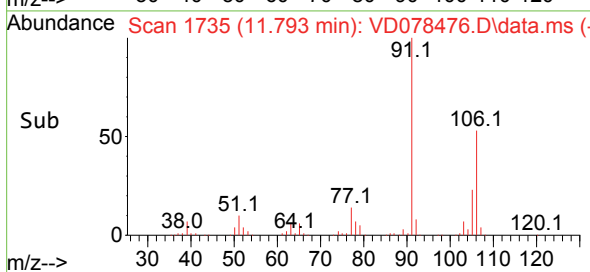
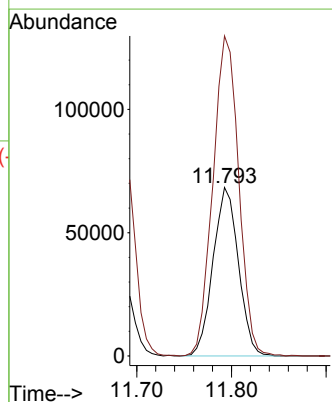
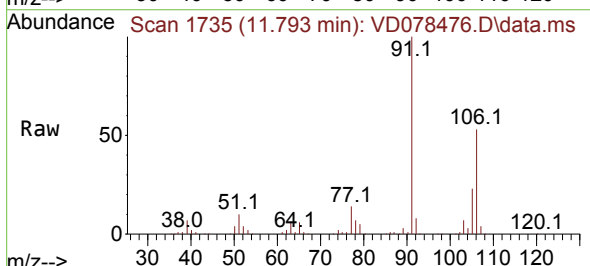
Acq: 20 Feb 2024 11:51

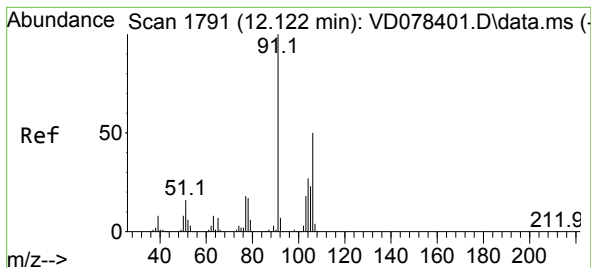
Tgt Ion:106 Resp: 127072

Ion Ratio Lower Upper

106 100

91 193.6 147.0 220.6

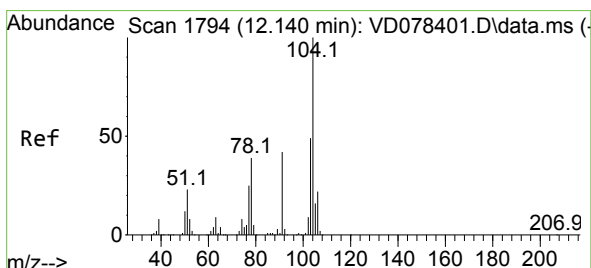
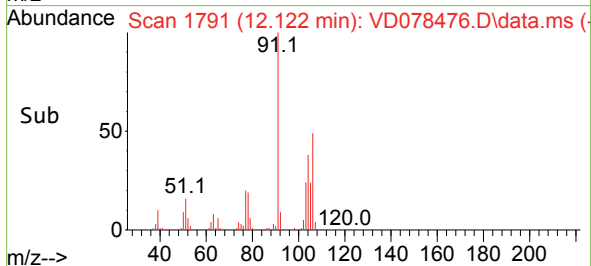
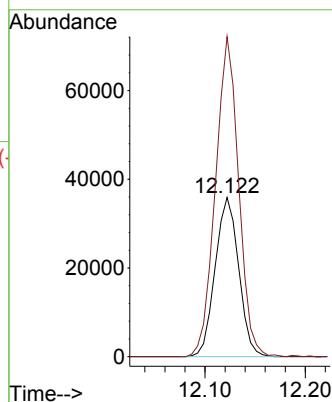
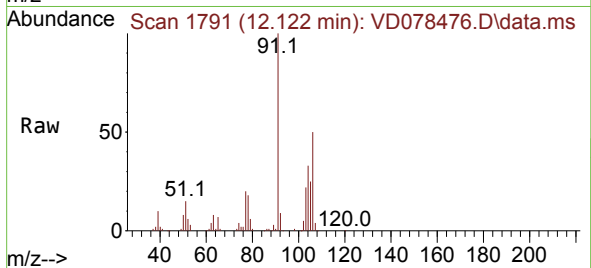




#69
o-Xylene
Concen: 20.636 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

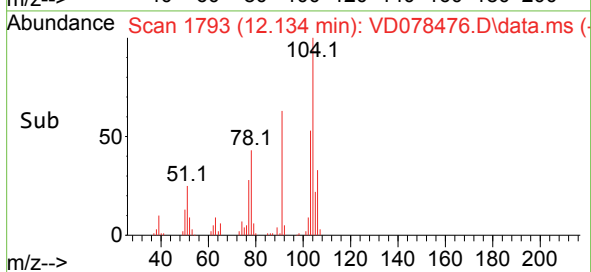
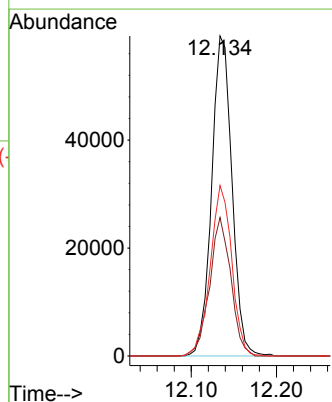
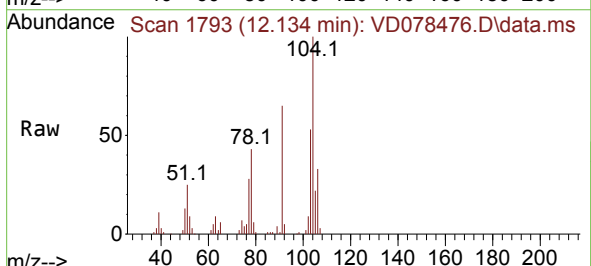
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

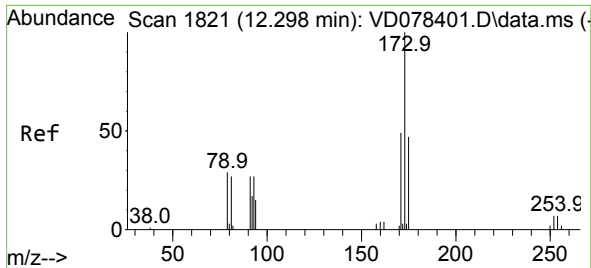
Tgt Ion:106 Resp: 58447
Ion Ratio Lower Upper
106 100
91 198.2 97.9 293.6



#70
Styrene
Concen: 21.319 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:104 Resp: 98545
Ion Ratio Lower Upper
104 100
78 45.1 33.2 49.8
103 56.2 43.6 65.4

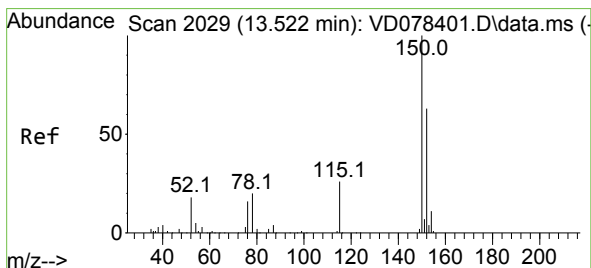
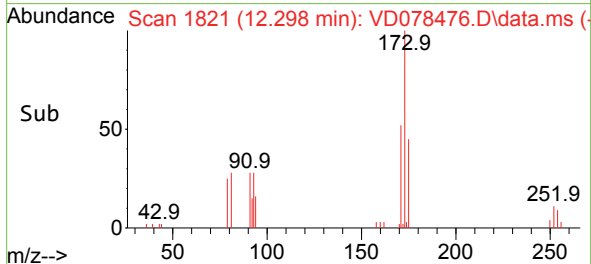
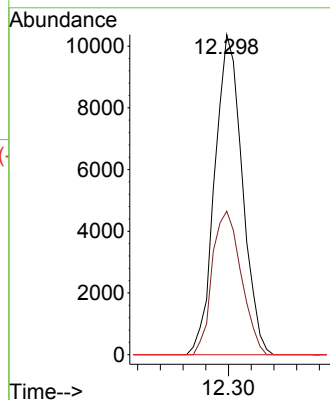
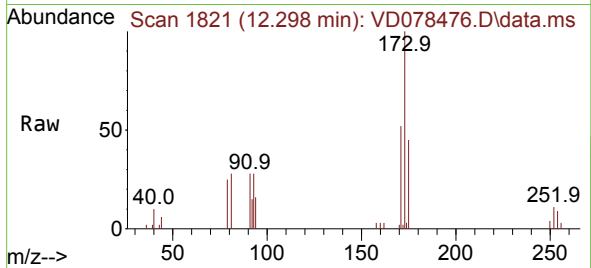




#71
Bromoform
Concen: 20.328 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

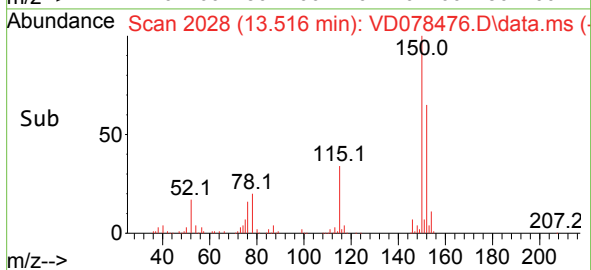
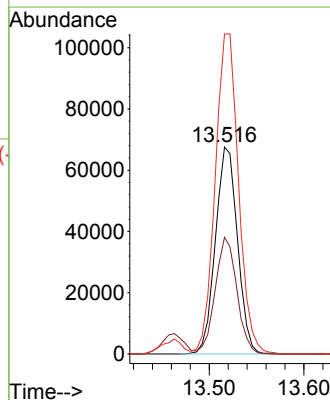
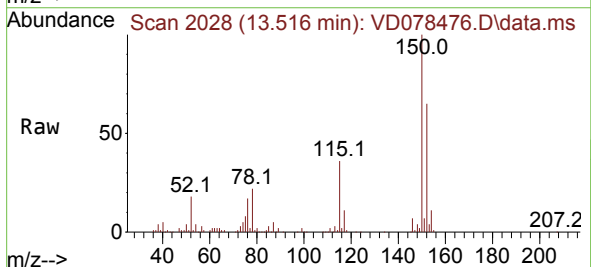
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

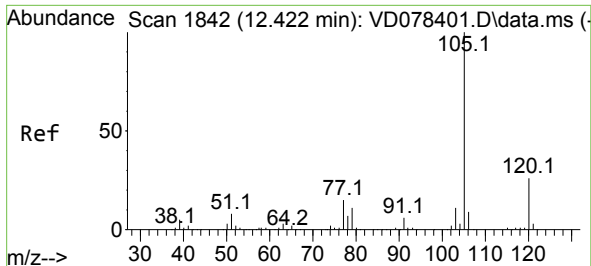
Tgt Ion:173 Resp: 17461
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:152 Resp: 109511
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 163.6 0.0 353.6

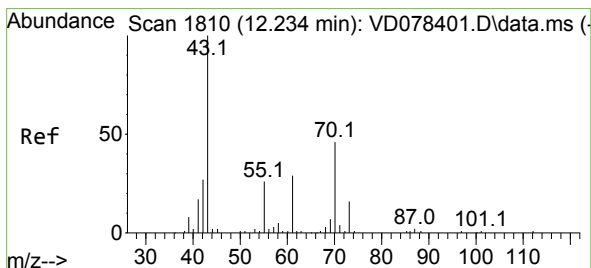
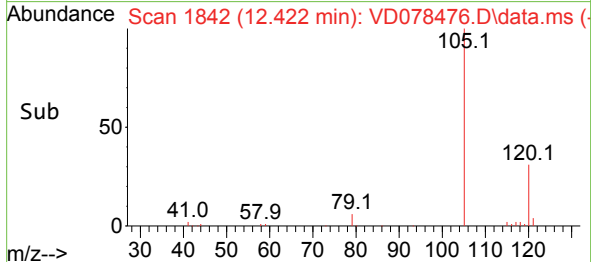
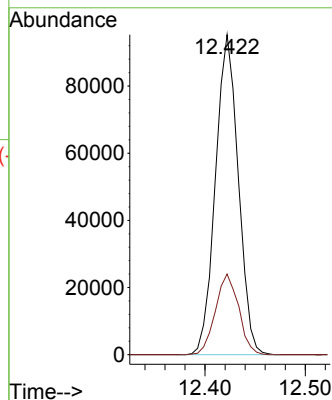
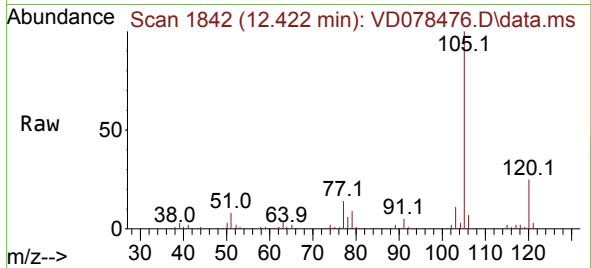




#73
Isopropylbenzene
Concen: 20.486 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

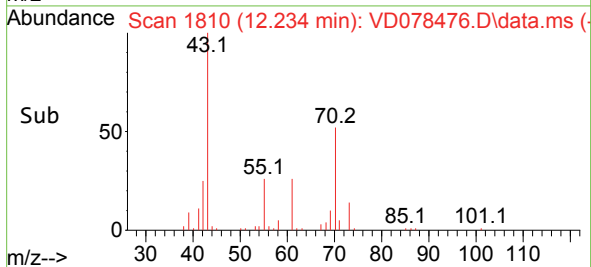
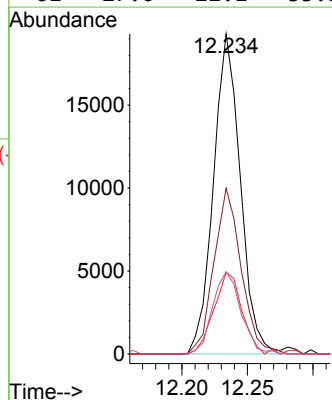
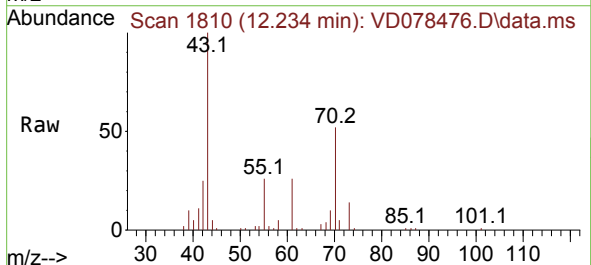
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

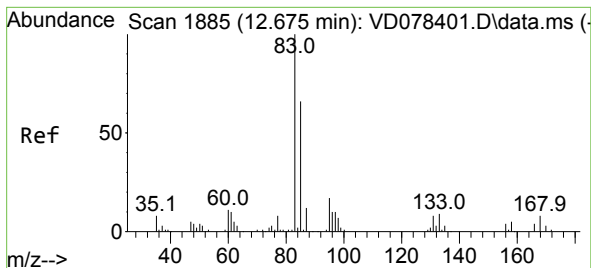
Tgt Ion:105 Resp: 150645
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.752 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 43 Resp: 27478
Ion Ratio Lower Upper
43 100
70 52.5 45.0 67.4
55 26.8 23.8 35.6
61 27.0 22.1 33.1

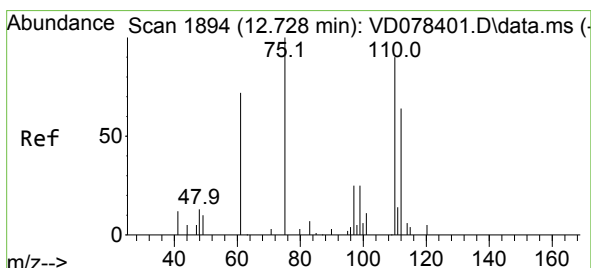
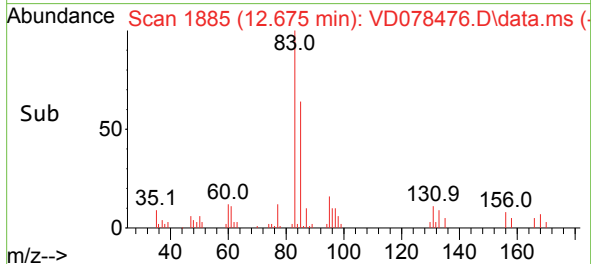
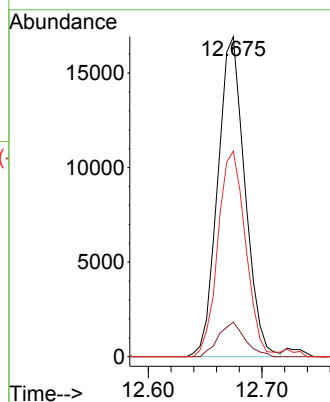
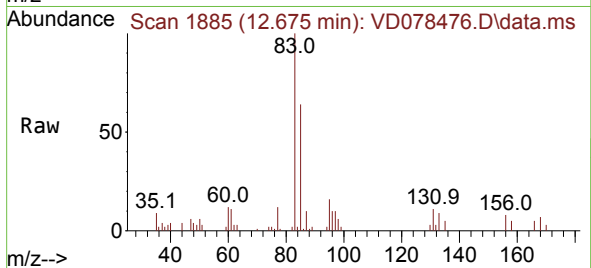




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.311 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

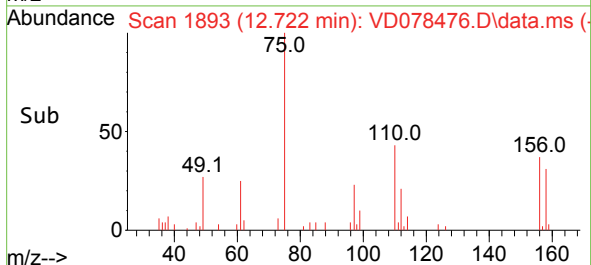
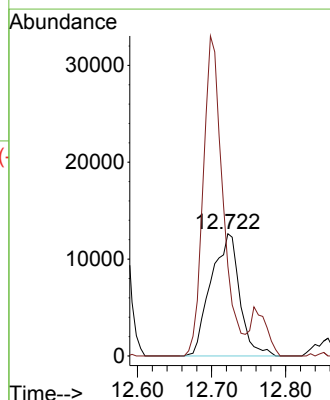
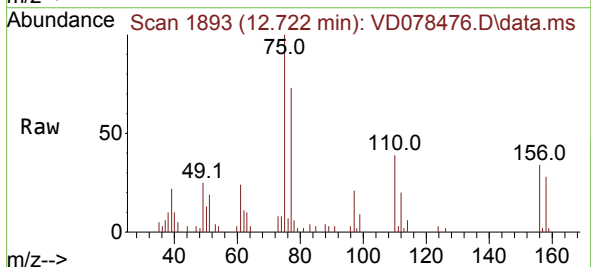
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBSD01

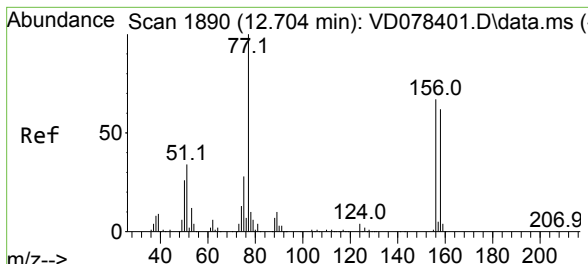
Tgt Ion: 83 Resp: 28169
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 65.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 36.515 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

Tgt Ion: 75 Resp: 33949
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

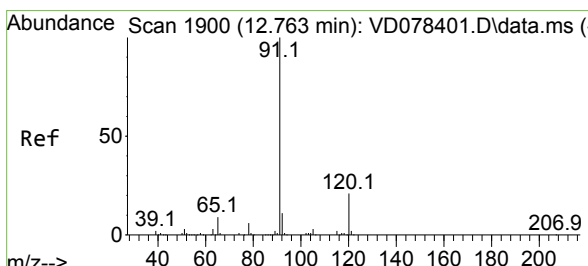
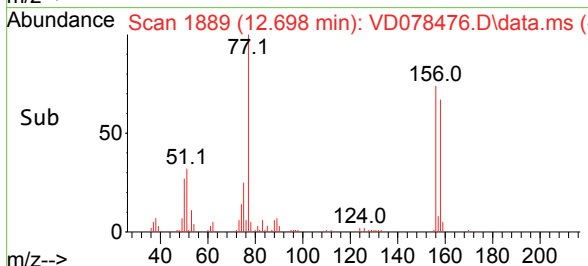
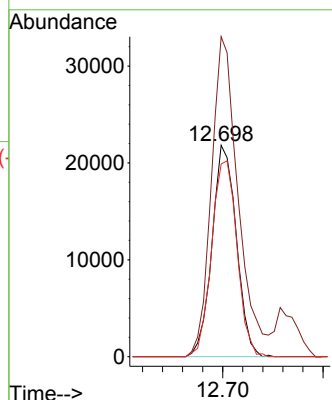
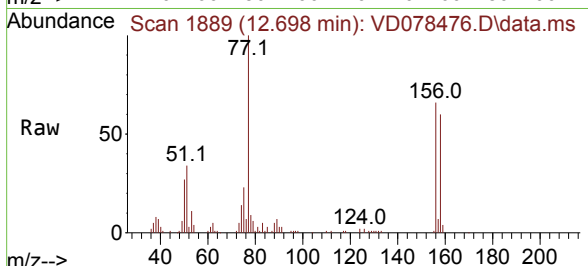




#77
Bromobenzene
Concen: 21.322 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

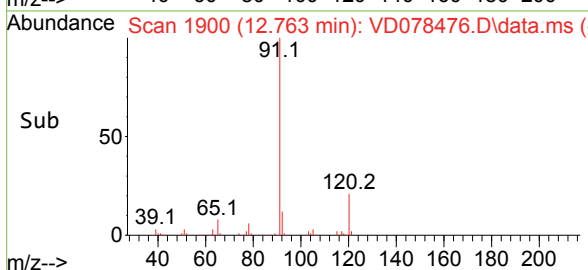
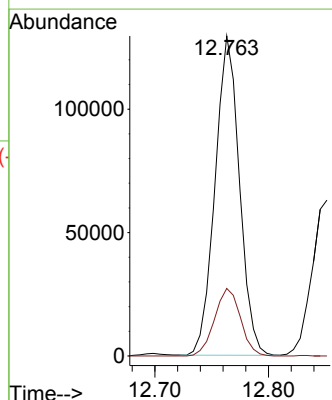
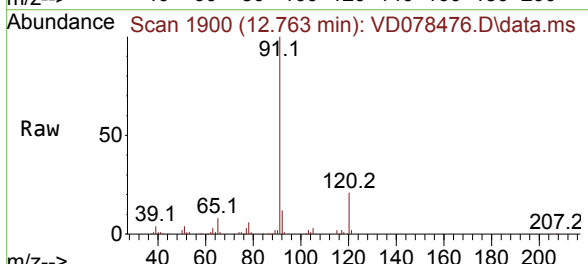
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

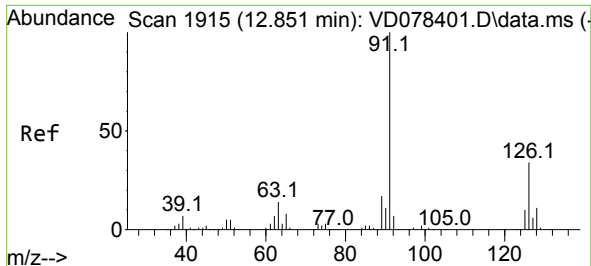
Tgt Ion:156 Resp: 36849
Ion Ratio Lower Upper
156 100
77 166.3 76.8 230.4
158 96.4 48.6 145.9



#78
n-propylbenzene
Concen: 21.067 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 91 Resp: 193058
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

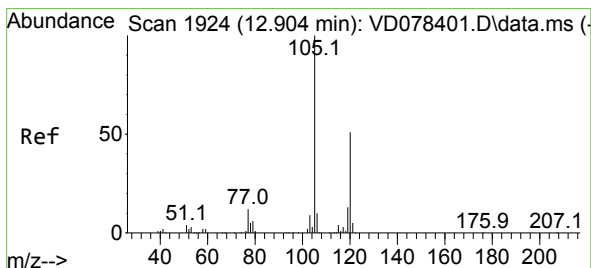
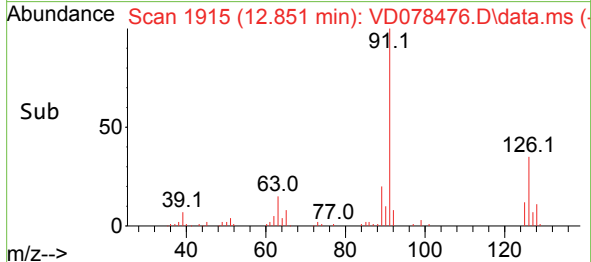
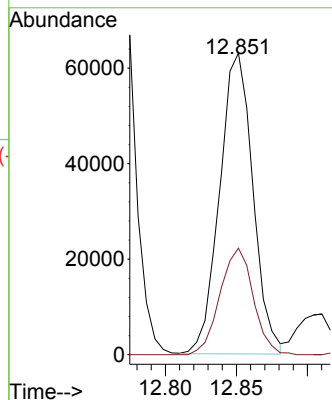
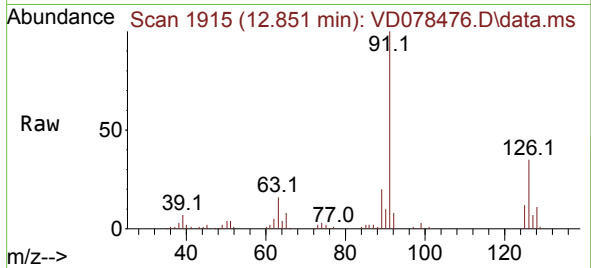




#79
2-Chlorotoluene
Concen: 20.896 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

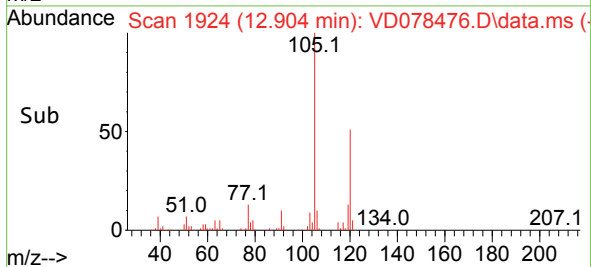
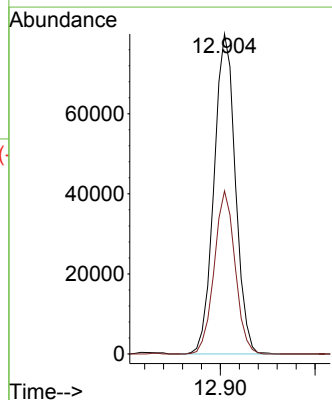
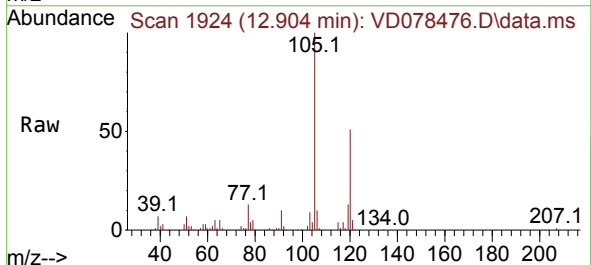
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

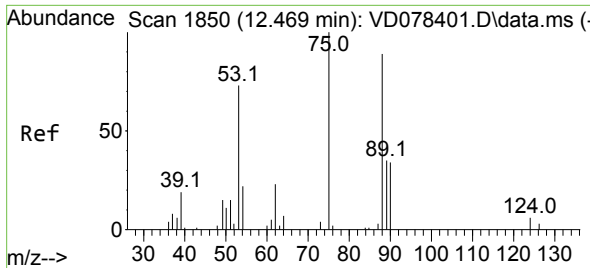
Tgt Ion: 91 Resp: 102563
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.526 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 105 Resp: 125331
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

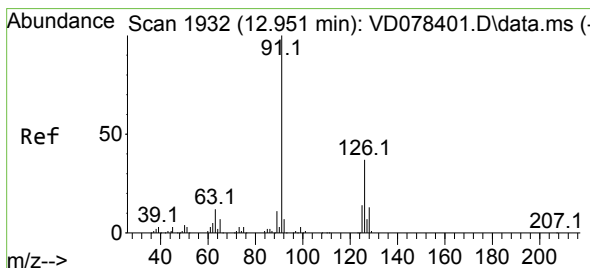
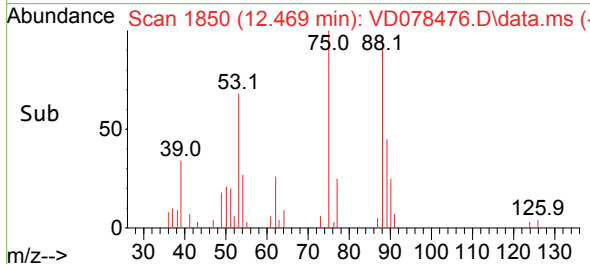
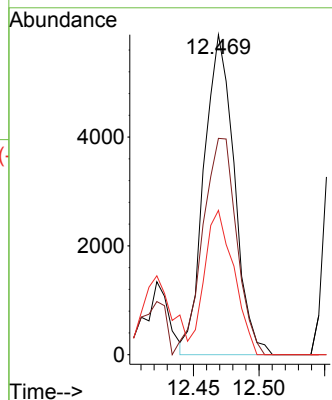
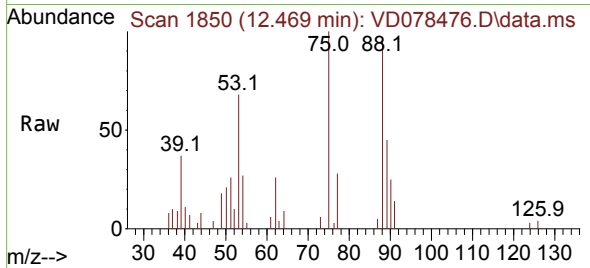




#81
trans-1,4-Dichloro-2-butene
Concen: 21.012 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

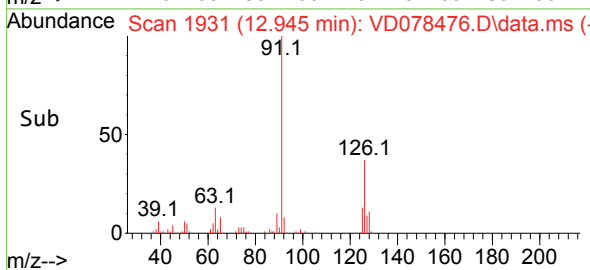
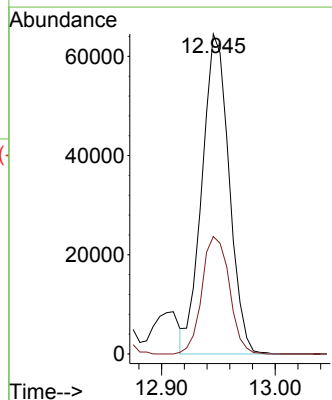
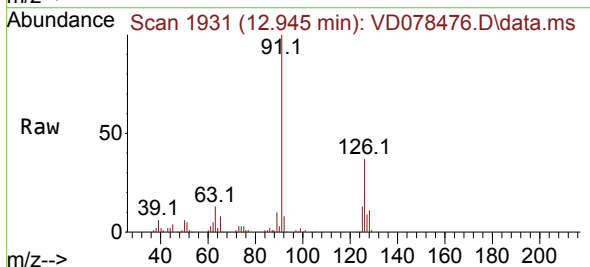
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

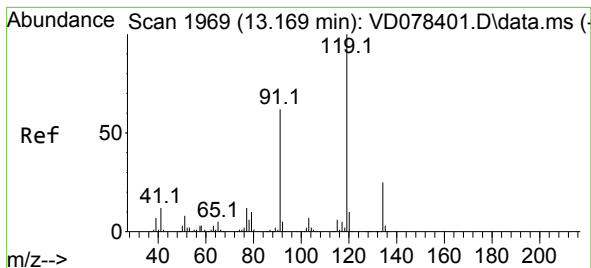
Tgt Ion: 75 Resp: 9410
Ion Ratio Lower Upper
75 100
53 75.8 63.0 94.4
89 44.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.251 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 91 Resp: 106754
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.291 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

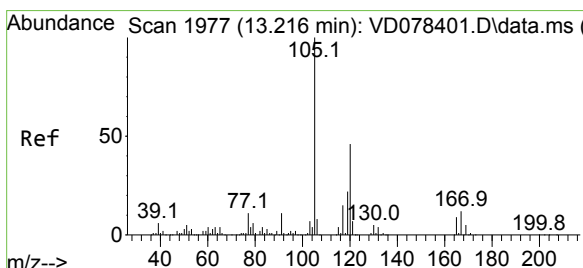
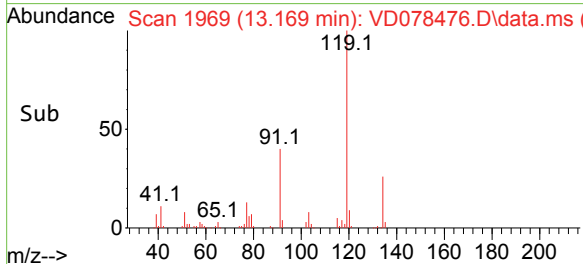
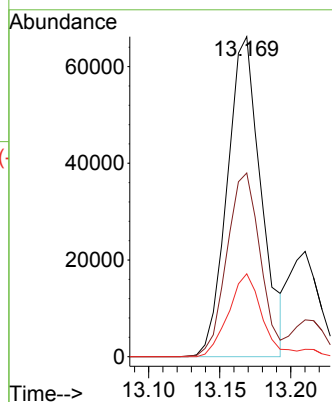
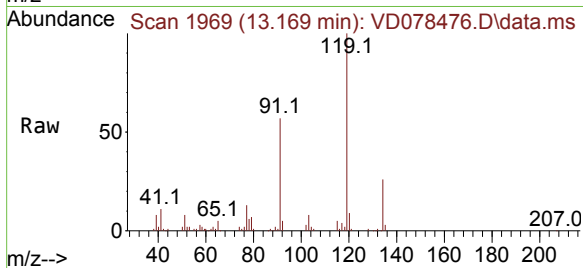
Tgt Ion:119 Resp: 109640

Ion Ratio Lower Upper

119 100

91 56.8 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.119 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078476.D

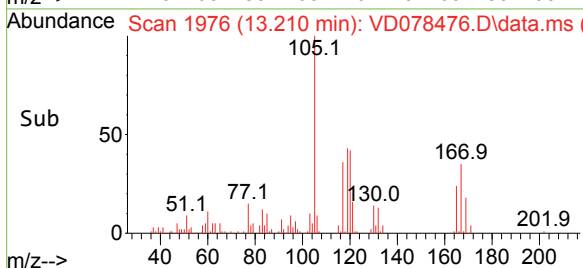
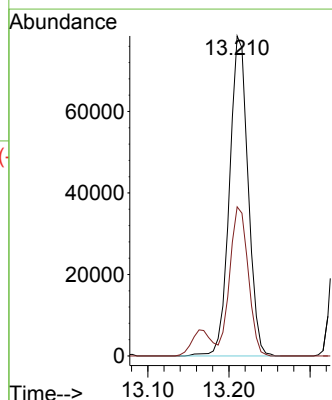
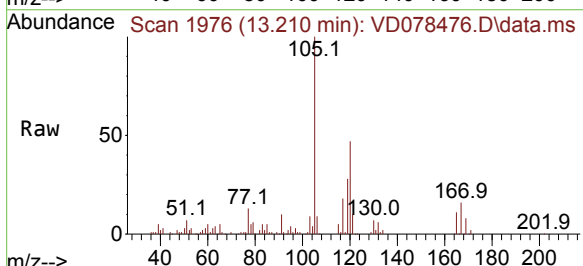
Acq: 20 Feb 2024 11:51

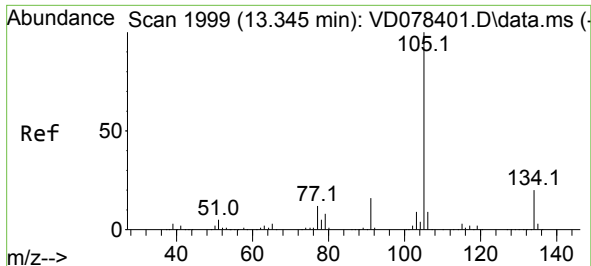
Tgt Ion:105 Resp: 124679

Ion Ratio Lower Upper

105 100

120 46.0 24.3 72.9

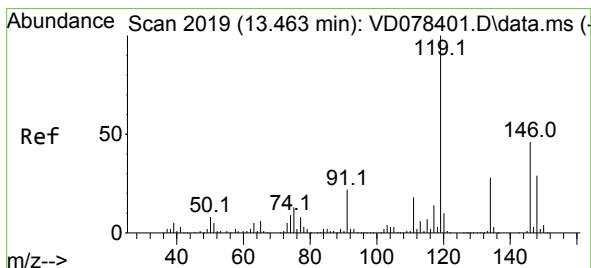
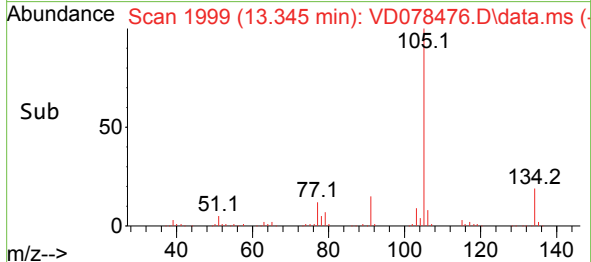
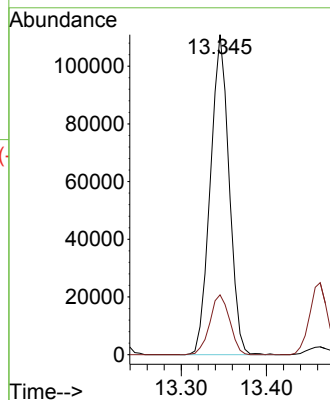
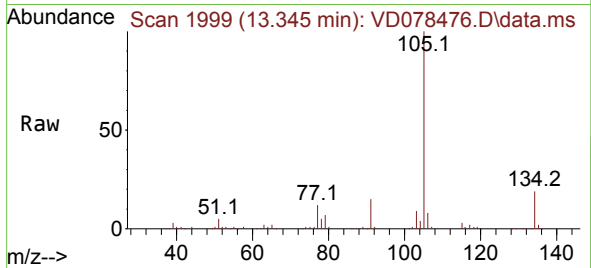




#85
 sec-Butylbenzene
 Concen: 21.204 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

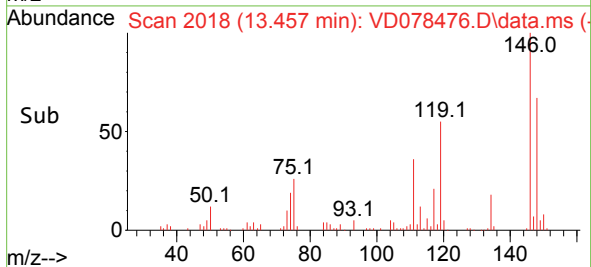
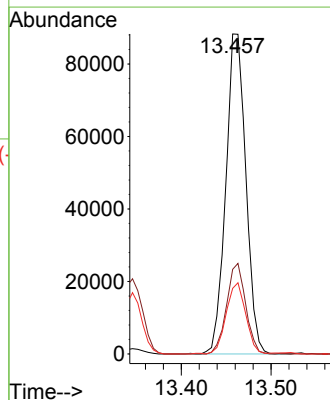
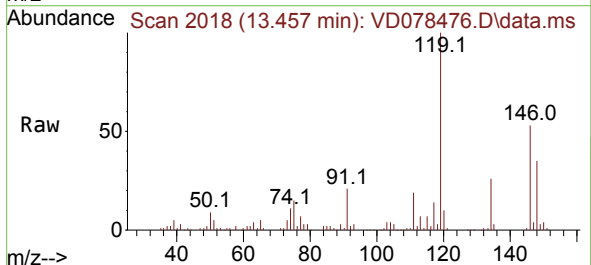
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0220SBSD01

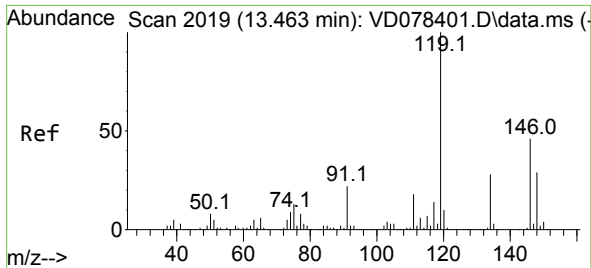
Tgt Ion:105 Resp: 169344
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.162 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078476.D
 Acq: 20 Feb 2024 11:51

Tgt Ion:119 Resp: 137151
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 21.7 10.5 31.5

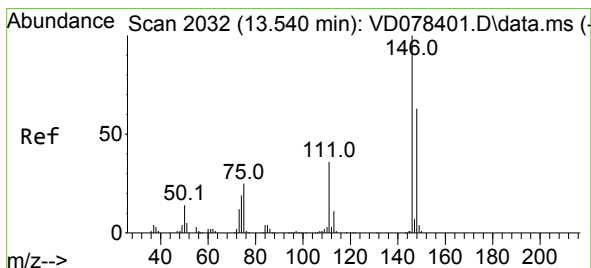
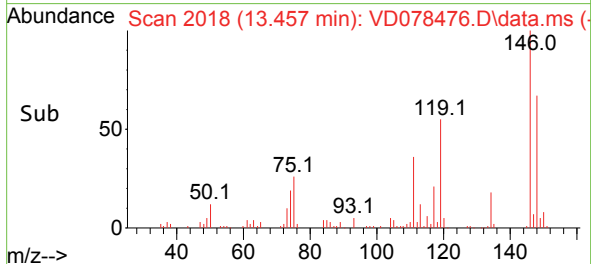
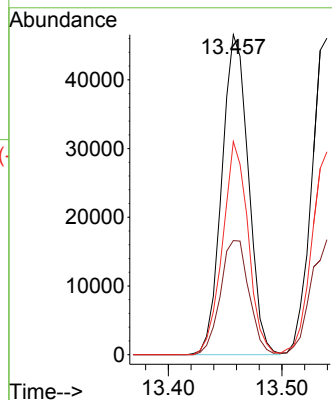
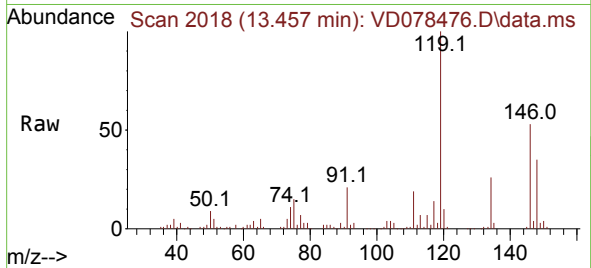




#87
1,3-Dichlorobenzene
Concen: 20.534 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

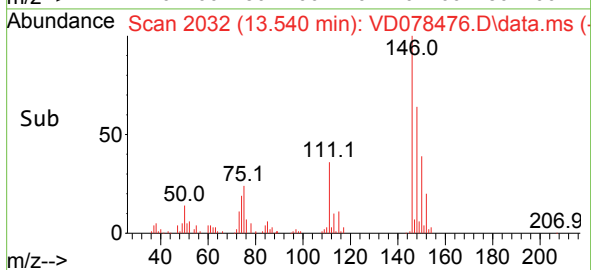
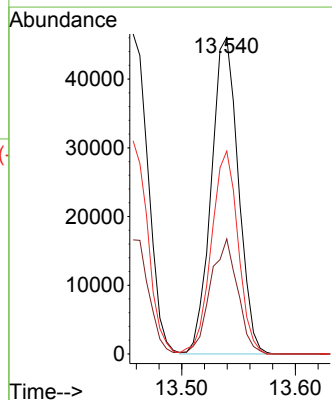
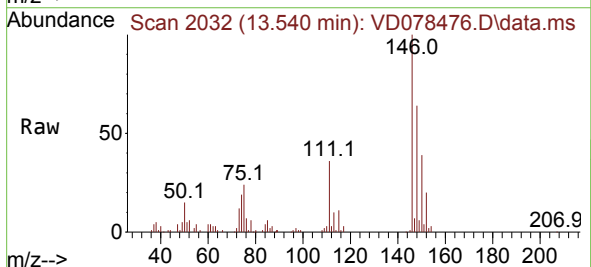
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBS01

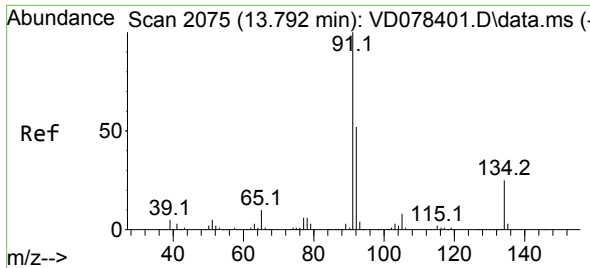
Tgt Ion:146 Resp: 75741
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 64.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.068 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:146 Resp: 76354
Ion Ratio Lower Upper
146 100
111 36.5 17.4 52.3
148 63.1 31.7 95.1

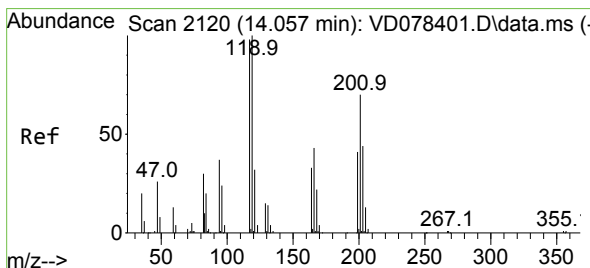
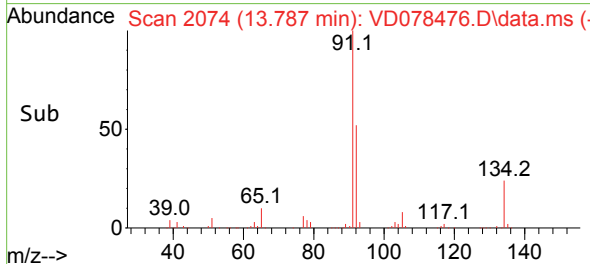
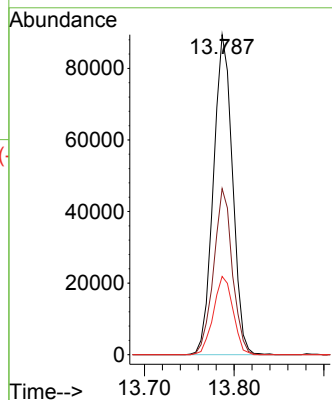
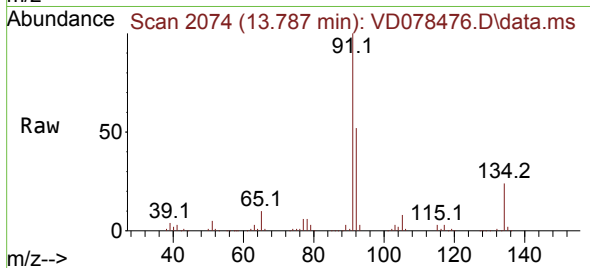




#89
n-Butylbenzene
Concen: 20.156 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

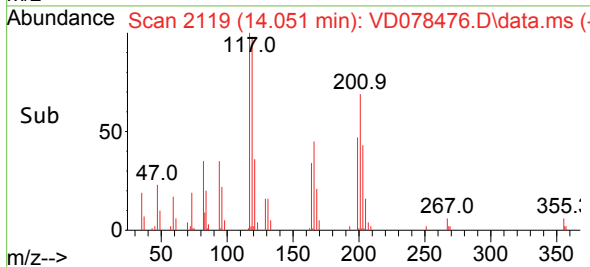
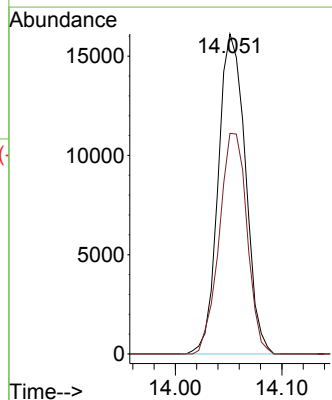
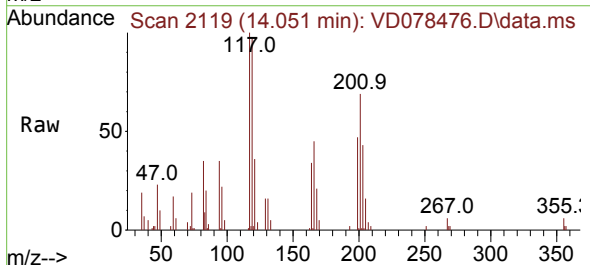
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

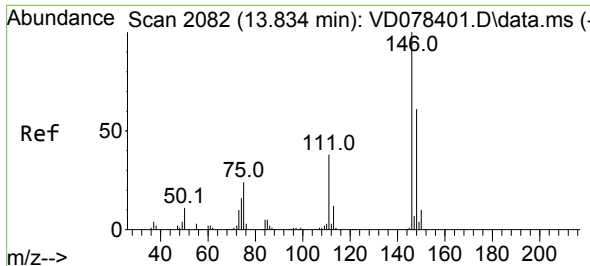
Tgt Ion: 91	Resp: 132151
Ion Ratio	Lower Upper
91 100	
92 50.8	26.5 79.5
134 25.1	13.8 41.3



#90
Hexachloroethane
Concen: 20.373 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion:117	Resp: 28484		
Ion Ratio	Lower	Upper	
117 100			
201 70.7	38.5	115.5	

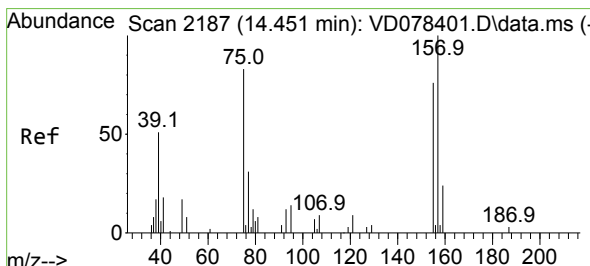
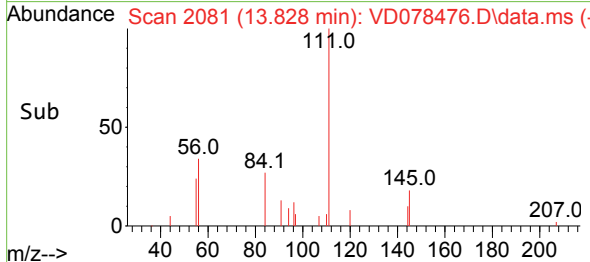
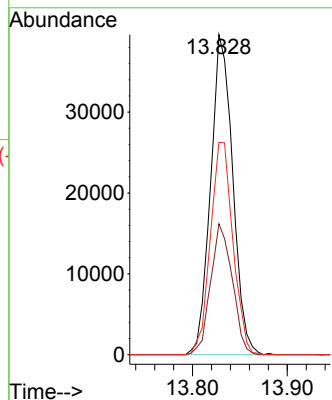
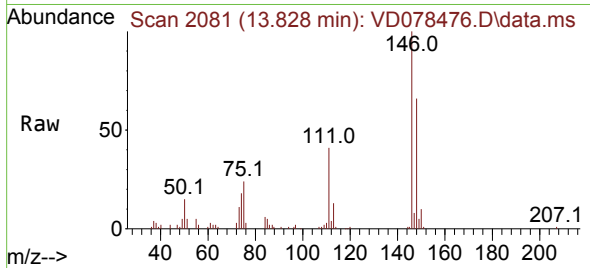




#91
1,2-Dichlorobenzene
Concen: 20.730 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

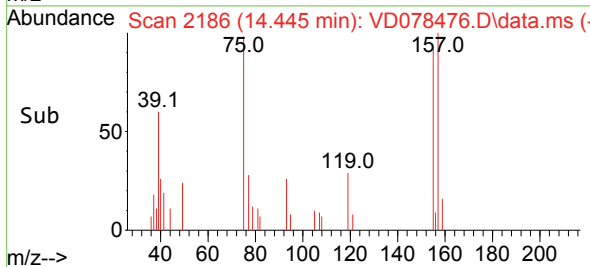
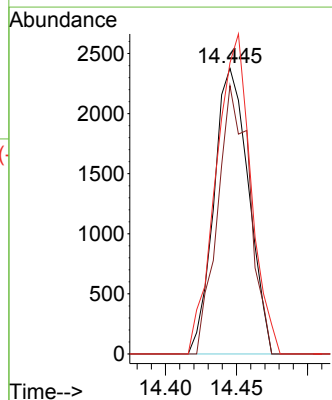
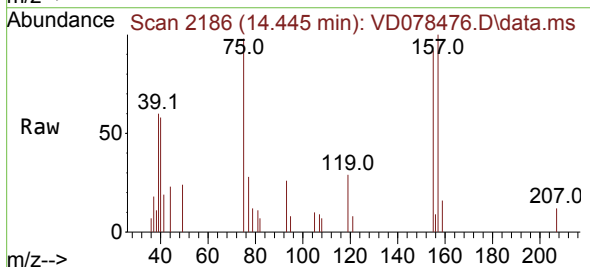
Instrument :
MSVOA_D
ClientSampleId :
VD0220SBSD01

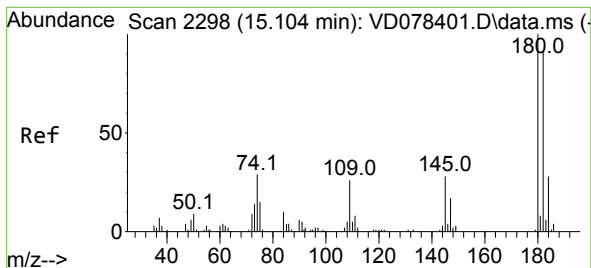
Tgt Ion:146 Resp: 64207
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 67.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.079 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078476.D
Acq: 20 Feb 2024 11:51

Tgt Ion: 75 Resp: 4026
Ion Ratio Lower Upper
75 100
155 86.9 47.9 143.8
157 113.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.502 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBSD01

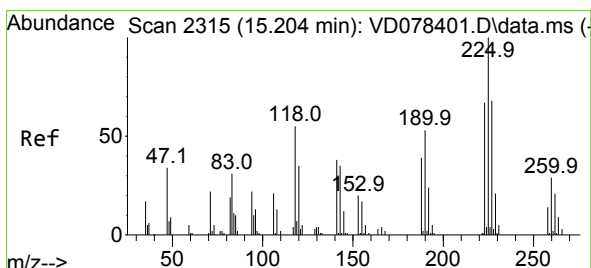
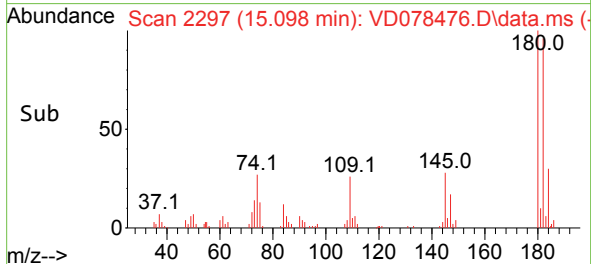
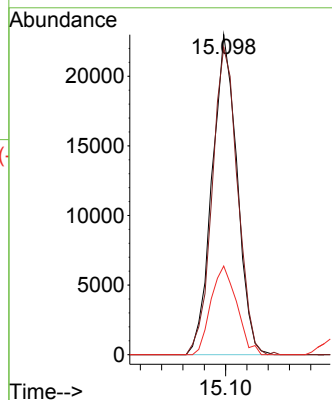
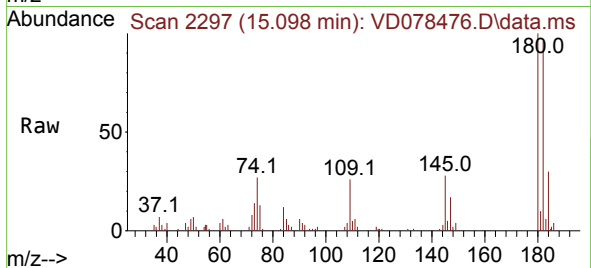
Tgt Ion:180 Resp: 37321

Ion Ratio Lower Upper

180 100

182 97.9 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.289 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

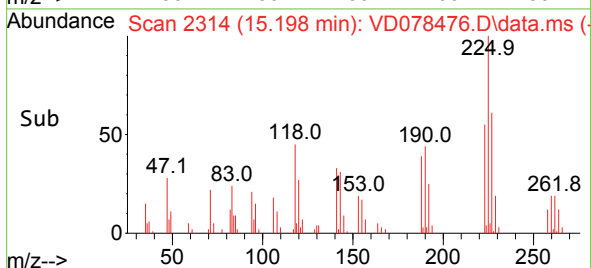
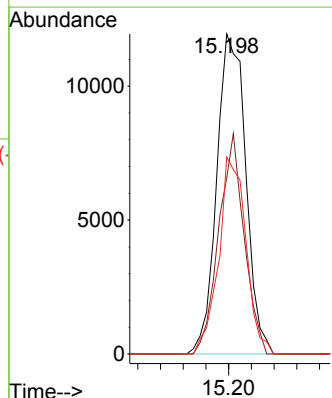
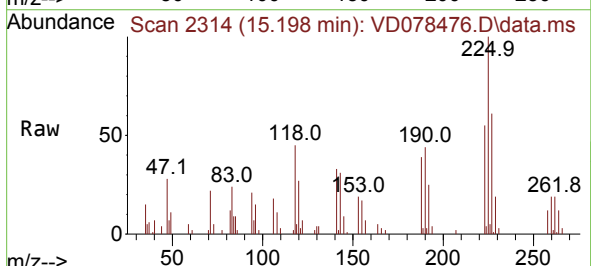
Tgt Ion:225 Resp: 21178

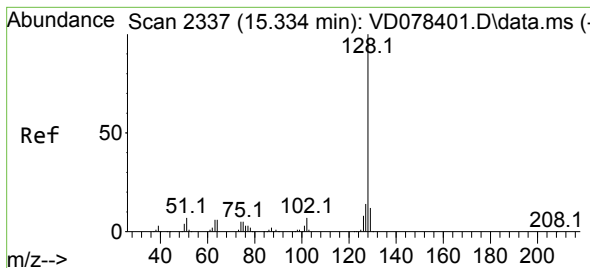
Ion Ratio Lower Upper

225 100

223 60.3 31.6 94.8

227 58.0 31.7 95.1





#95

Naphthalene

Concen: 20.010 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

VD0220SBS01

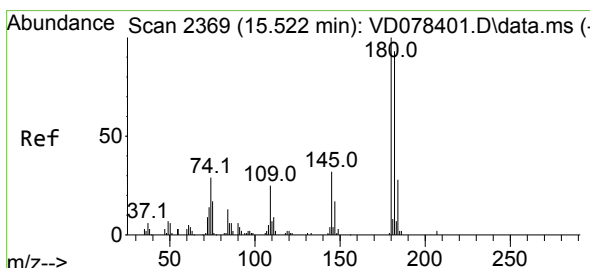
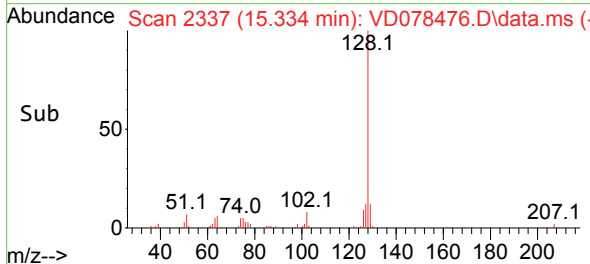
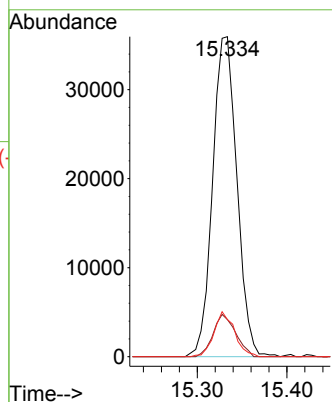
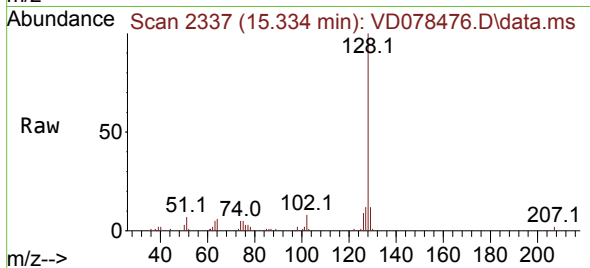
Tgt Ion:128 Resp: 67557

Ion Ratio Lower Upper

128 100

127 11.6 10.5 15.7

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.736 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078476.D

Acq: 20 Feb 2024 11:51

Tgt Ion:180 Resp: 33532

Ion Ratio Lower Upper

180 100

182 92.0 47.3 141.9

145 31.2 15.1 45.3

