

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078280.D
 Acq On : 30 Jan 2024 15:42
 Operator : RP/MD
 Sample : VD0130SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Quant Time: Jan 31 00:58:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	189925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72451	56.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.400%	
35) Dibromofluoromethane	7.810	113	72155	53.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.269	98	285976	55.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.575	95	85750	55.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	30570	26.008	ug/l	95
3) Chloromethane	2.152	50	54564	25.189	ug/l	99
4) Vinyl Chloride	2.281	62	69695	24.391	ug/l	92
5) Bromomethane	2.687	94	40932	23.662	ug/l	96
6) Chloroethane	2.834	64	45516	23.062	ug/l	95
7) Trichlorofluoromethane	3.169	101	56951	23.541	ug/l	90
8) Diethyl Ether	3.599	74	16479	23.027	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.969	101	34933	23.529	ug/l	93
10) Methyl Iodide	4.163	142	28988	21.464	ug/l	94
11) Tert butyl alcohol	5.069	59	10165	123.622	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	32539	22.714	ug/l	87
13) Acrolein	3.805	56	12633	126.807	ug/l	94
14) Allyl chloride	4.563	41	43130	22.835	ug/l	90
15) Acrylonitrile	5.258	53	36880	116.589	ug/l	100
16) Acetone	4.022	43	40755	127.666	ug/l #	79
17) Carbon Disulfide	4.269	76	111371	23.028	ug/l	98
18) Methyl Acetate	4.569	43	14073	20.482	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	68961	23.147	ug/l	98
20) Methylene Chloride	4.805	84	45210	27.683	ug/l	86
21) trans-1,2-Dichloroethene	5.316	96	36202	22.350	ug/l	87
22) Diisopropyl ether	6.216	45	96281	23.957	ug/l #	90
23) Vinyl Acetate	6.157	43	288601	117.701	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	64152	23.058	ug/l	97
25) 2-Butanone	7.081	43	50600	117.797	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	52163	22.952	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	40225	22.407	ug/l	92
28) Bromochloromethane	7.428	49	22008	22.178	ug/l #	71
29) Tetrahydrofuran	7.452	42	27736	120.698	ug/l #	81
30) Chloroform	7.599	83	64520	22.681	ug/l	100
31) Cyclohexane	7.875	56	54183	22.443	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	55852	22.781	ug/l	96
36) 1,1-Dichloropropene	8.010	75	50167	22.374	ug/l	96
37) Ethyl Acetate	7.175	43	22344	25.892	ug/l #	92
38) Carbon Tetrachloride	7.999	117	48894	22.178	ug/l	98
39) Methylcyclohexane	9.275	83	57080	21.532	ug/l	89
40) Benzene	8.252	78	148427	22.688	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	9996	21.546	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	37701	22.219	ug/l	96
43) Isopropyl Acetate	8.357	43	35784	23.127	ug/l #	77
44) Trichloroethene	9.034	130	35576	22.146	ug/l	83
45) 1,2-Dichloropropane	9.304	63	35104	21.946	ug/l	100
46) Dibromomethane	9.393	93	20667	23.287	ug/l #	84
47) Bromodichloromethane	9.587	83	49443	22.643	ug/l	100
48) Methyl methacrylate	9.375	41	17013	23.010	ug/l #	78
49) 1,4-Dioxane	9.381	88	4611	463.156	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	93509	111.716	ug/l	91
52) Toluene	10.334	92	89166	22.470	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	45804	22.458	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	55638	23.043	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	27251	23.530	ug/l	95
56) Ethyl methacrylate	10.598	69	30127	22.934	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45644	22.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	63649	106.546	ug/l	92
59) 2-Hexanone	10.922	43	74446	118.095	ug/l	86
60) Dibromochloromethane	11.075	129	31303	23.284	ug/l	95
61) 1,2-Dibromoethane	11.181	107	24043	21.988	ug/l	93
64) Tetrachloroethene	10.810	164	27769	22.702	ug/l	87
65) Chlorobenzene	11.610	112	91971	21.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	33580	22.479	ug/l	96
67) Ethyl Benzene	11.681	91	167333	22.017	ug/l	97
68) m/p-Xylenes	11.793	106	133761	45.747	ug/l	93
69) o-Xylene	12.122	106	58784	21.876	ug/l	90
70) Styrene	12.134	104	102031	22.234	ug/l	97
71) Bromoform	12.298	173	17222	23.408	ug/l #	95
73) Isopropylbenzene	12.422	105	155604	22.059	ug/l	92
74) N-amyl acetate	12.234	43	33593	23.026	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	30678	22.520	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	36942	42.394	ug/l #	100
77) Bromobenzene	12.698	156	32849	21.162	ug/l	78
78) n-propylbenzene	12.763	91	198565	22.597	ug/l	94
79) 2-Chlorotoluene	12.851	91	104444	22.204	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	130006	22.655	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	9635	21.990	ug/l	93
82) 4-Chlorotoluene	12.945	91	113460	22.625	ug/l	91
83) tert-Butylbenzene	13.163	119	108711	22.201	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	129483	22.302	ug/l	94
85) sec-Butylbenzene	13.345	105	169197	22.017	ug/l	95
86) p-Isopropyltoluene	13.463	119	138798	22.051	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	70357	21.817	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	72372	22.682	ug/l	98
89) n-Butylbenzene	13.787	91	136425	22.242	ug/l	97
90) Hexachloroethane	14.051	117	27384	21.781	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	59956	21.732	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4047	21.193	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	34165	21.409	ug/l	98
94) Hexachlorobutadiene	15.204	225	17179	21.969	ug/l	97
95) Naphthalene	15.333	128	68138	21.415	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31221	22.220	ug/l	99

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Instrument :
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ClientSampleId :
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QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

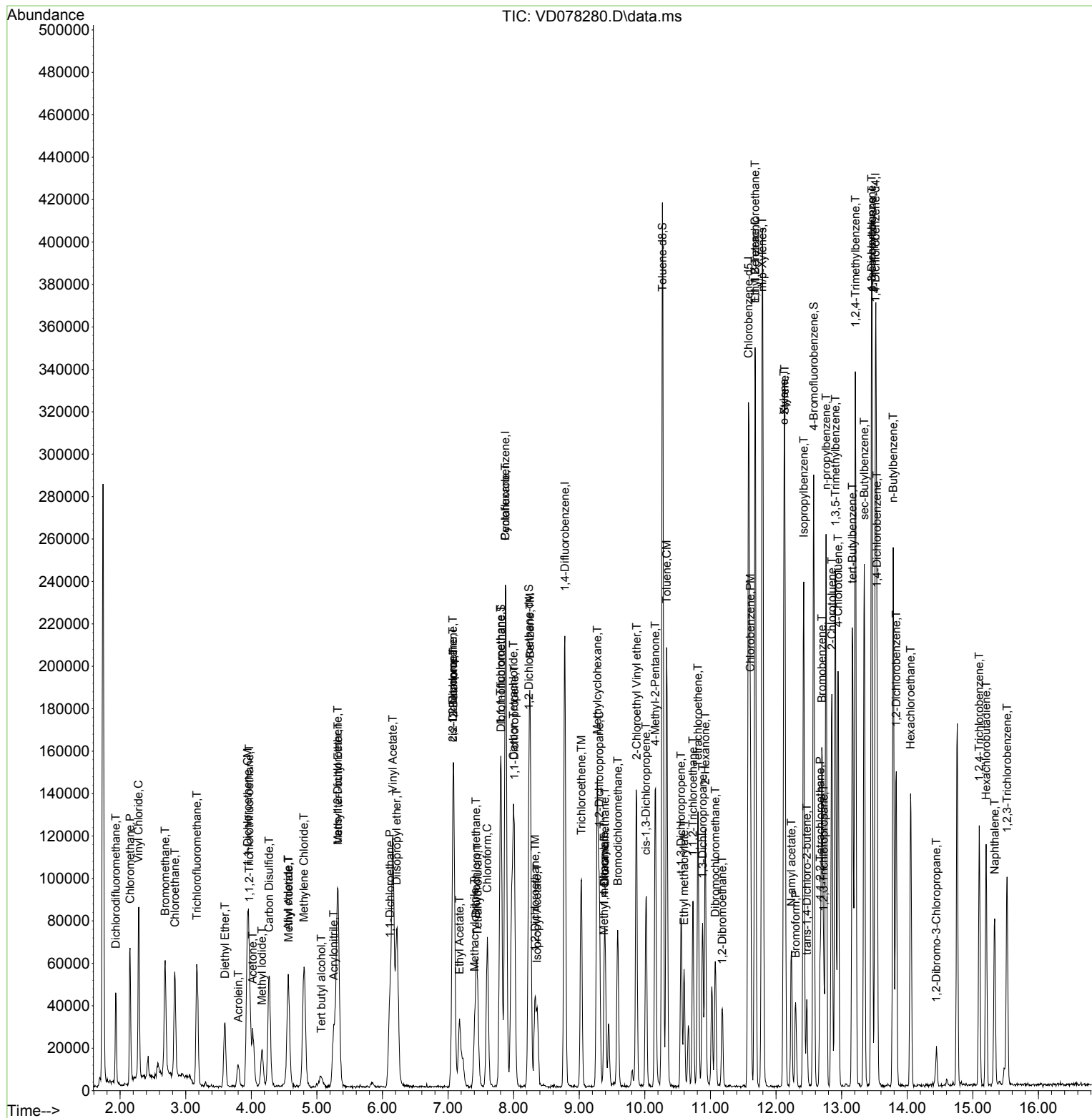
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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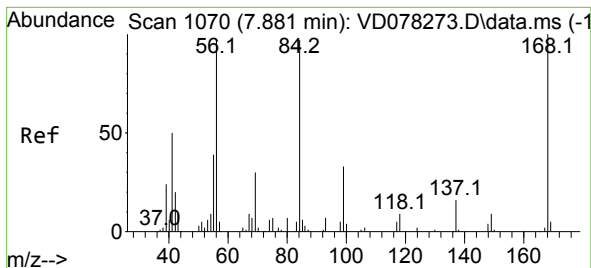
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

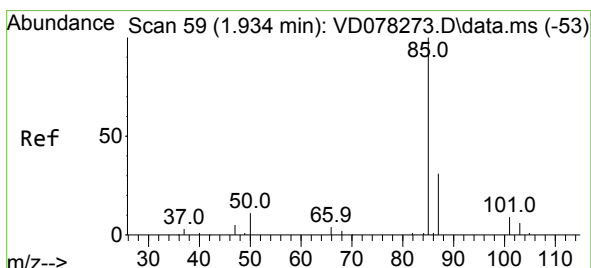
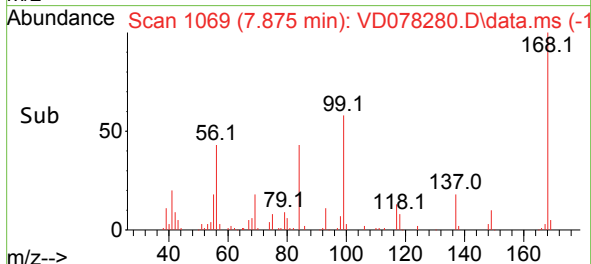
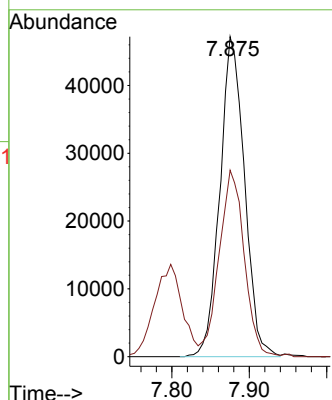
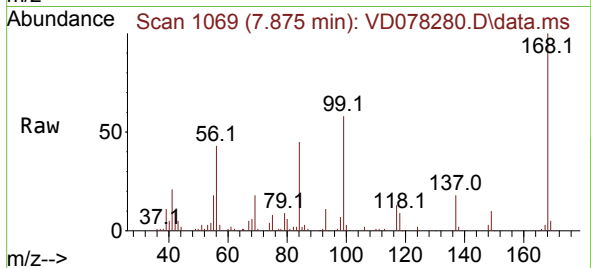
VD0130SBSD01

Tgt Ion:168 Resp: 104133

Ion Ratio Lower Upper

168 100

99 57.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 26.008 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078280.D

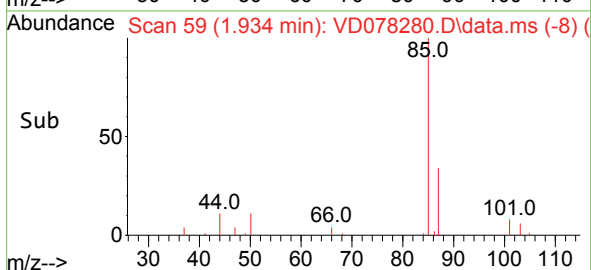
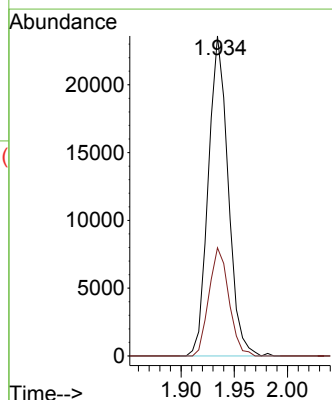
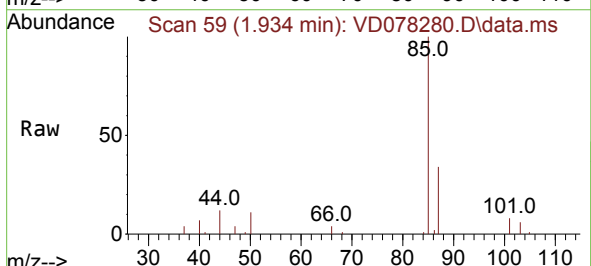
Acq: 30 Jan 2024 15:42

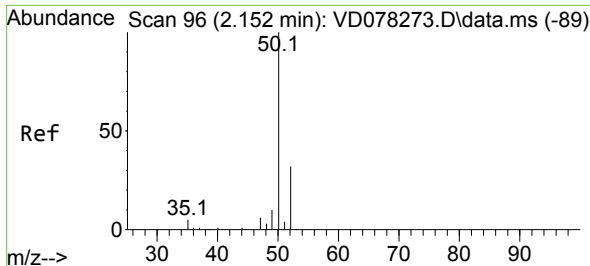
Tgt Ion: 85 Resp: 30570

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0

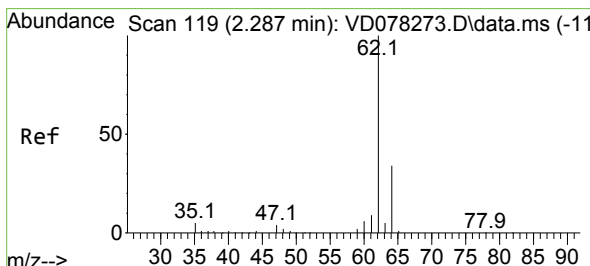
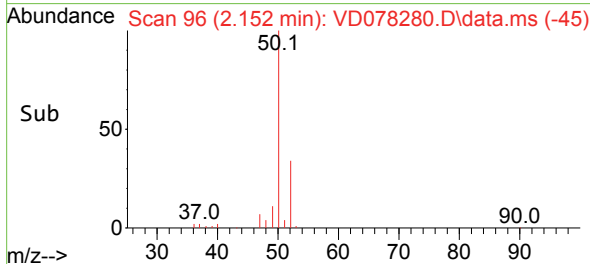
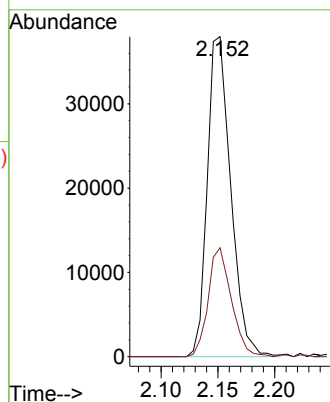
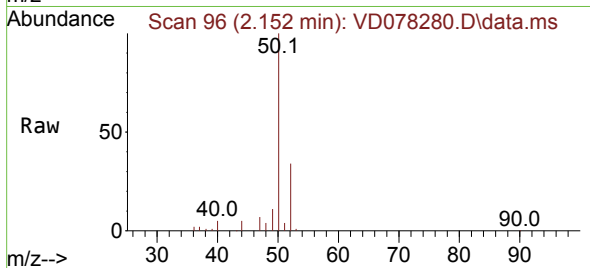




#3
Chloromethane
Concen: 25.189 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

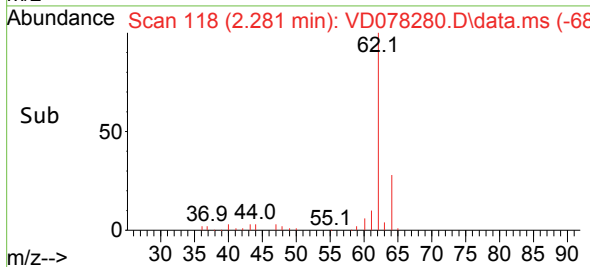
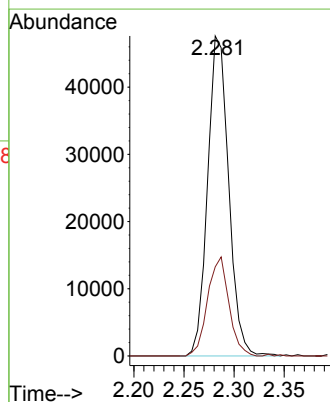
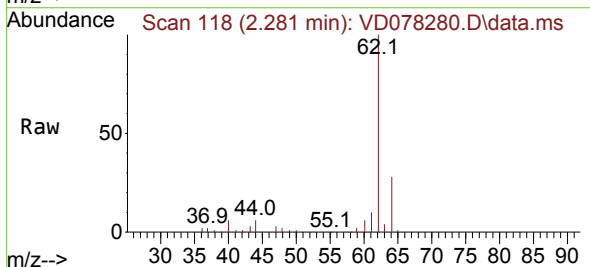
Instrument :
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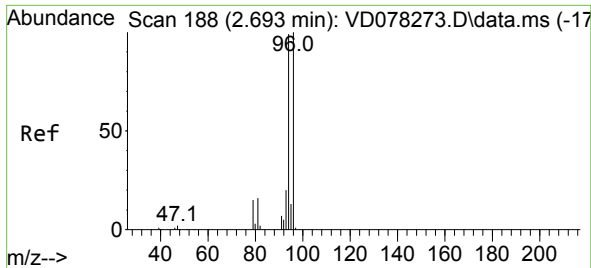
Tgt Ion: 50 Resp: 54564
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 24.391 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 62 Resp: 69695
Ion Ratio Lower Upper
62 100
64 27.8 26.0 39.0

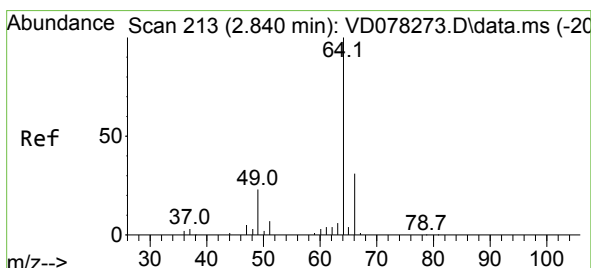
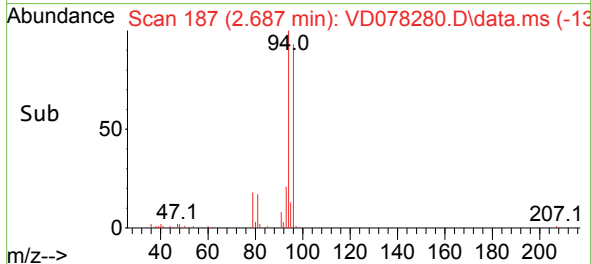
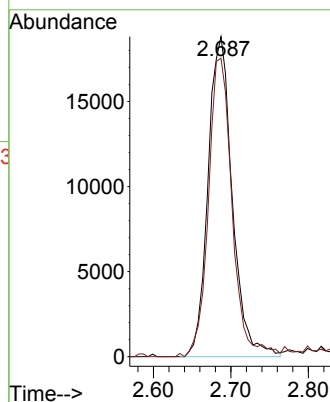
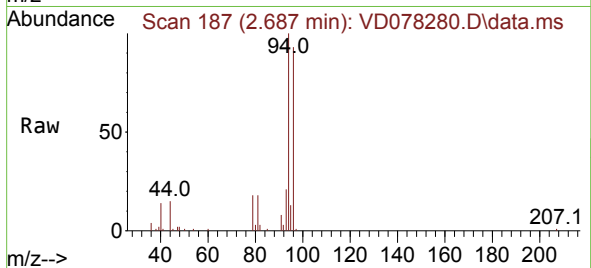




#5
Bromomethane
Concen: 23.662 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

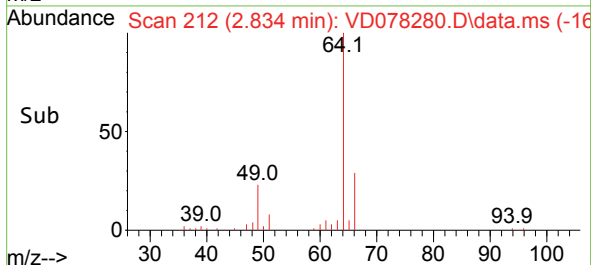
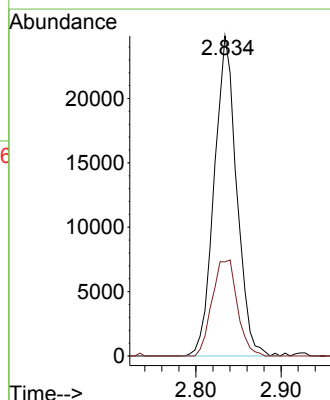
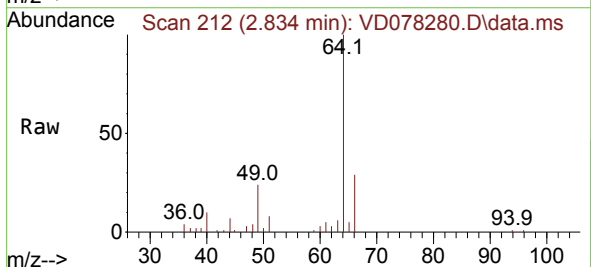
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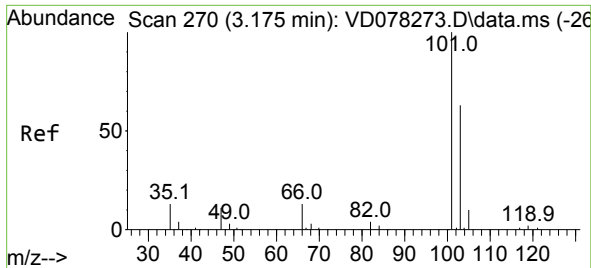
Tgt Ion: 94 Resp: 40932
Ion Ratio Lower Upper
94 100
96 91.3 75.8 113.8



#6
Chloroethane
Concen: 23.062 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078280.D
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Tgt Ion: 64 Resp: 45516
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3

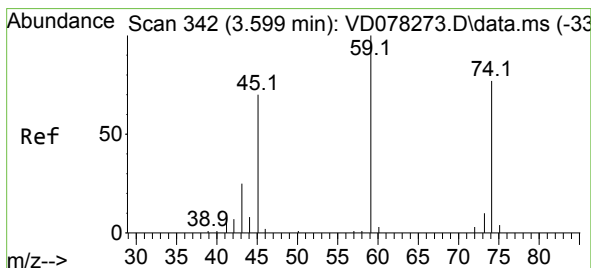
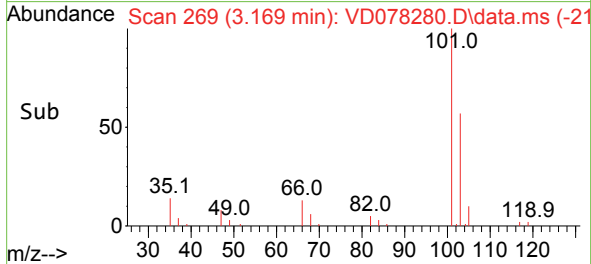
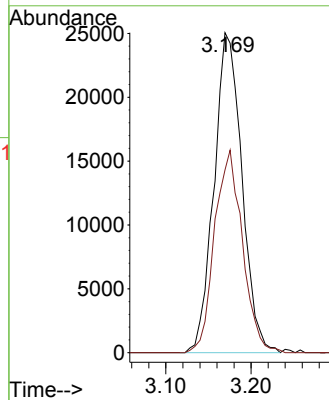
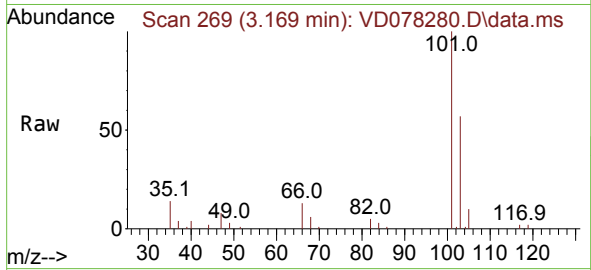




#7
Trichlorofluoromethane
Concen: 23.541 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

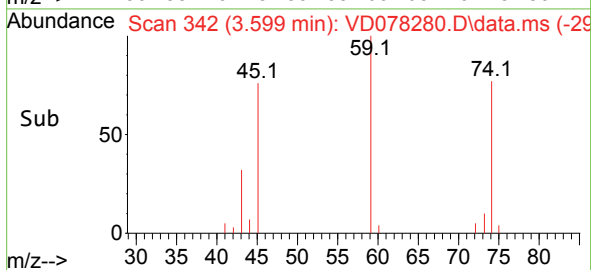
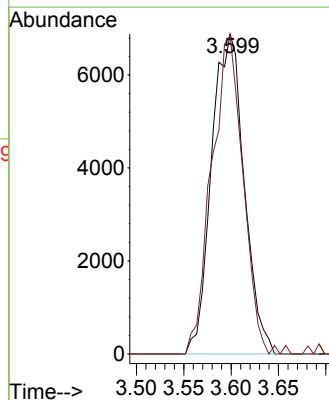
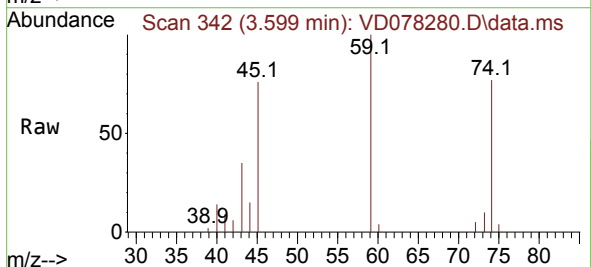
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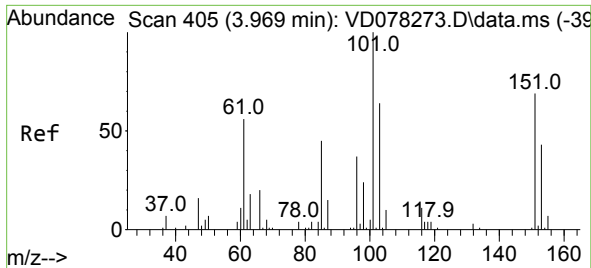
Tgt Ion:101 Resp: 56951
Ion Ratio Lower Upper
101 100
103 57.1 52.3 78.5



#8
Diethyl Ether
Concen: 23.027 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 74 Resp: 16479
Ion Ratio Lower Upper
74 100
45 95.3 37.5 112.7

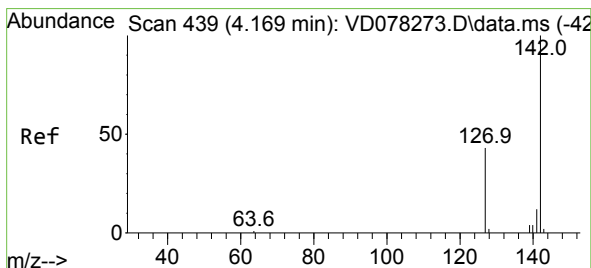
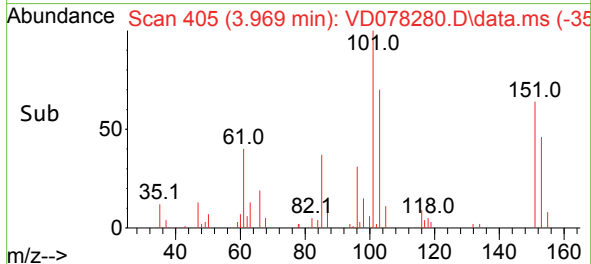
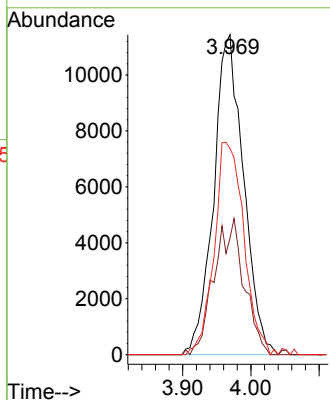
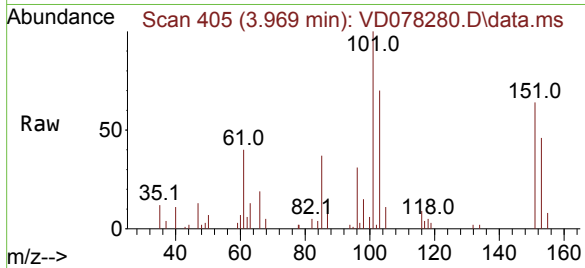




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.529 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

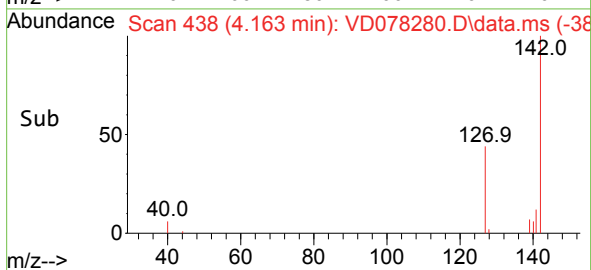
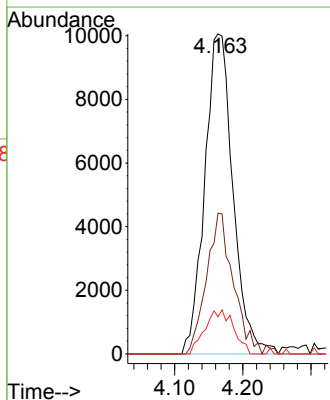
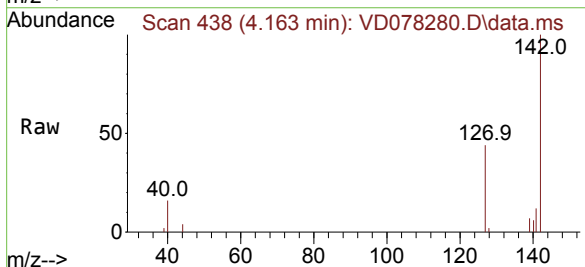
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

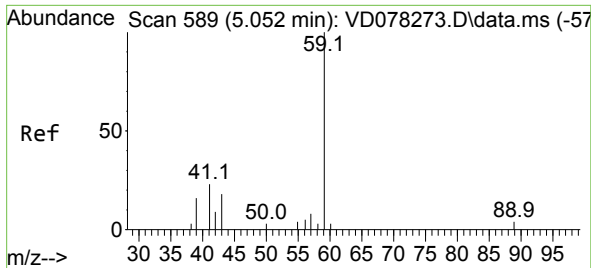
Tgt Ion:	101	Resp:	34933
Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.8	50.6
151	65.9	59.8	89.6



#10
Methyl Iodide
Concen: 21.464 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:	142	Resp:	28988
Ion	Ratio	Lower	Upper
142	100		
127	41.5	29.4	44.0
141	13.9	11.1	16.7

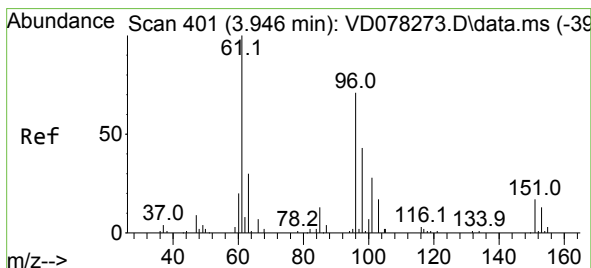
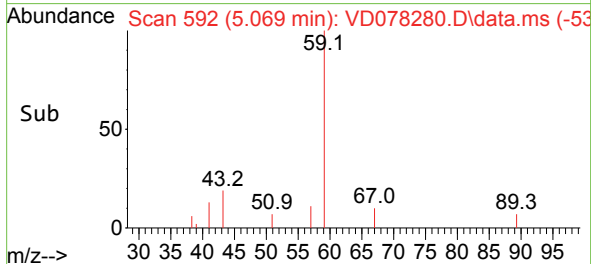
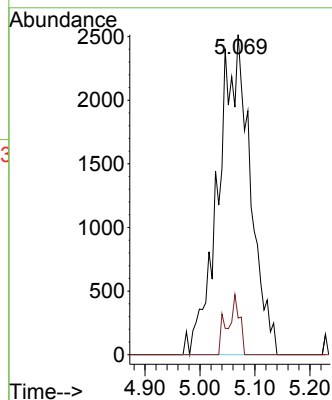
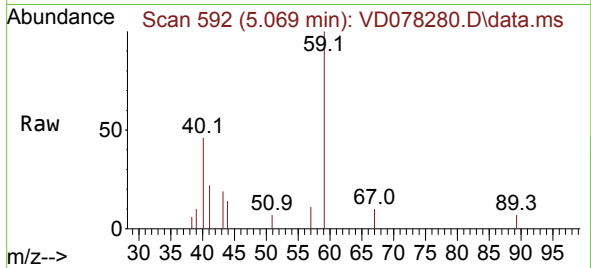




#11
Tert butyl alcohol
Concen: 123.622 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

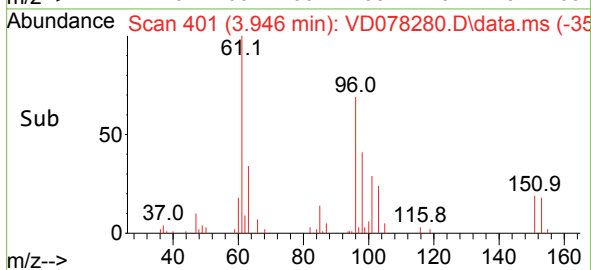
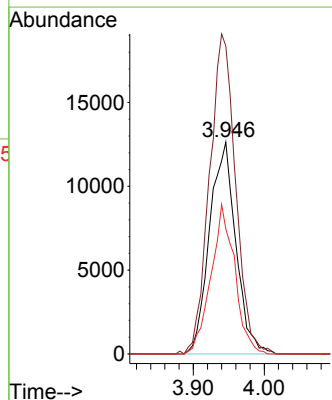
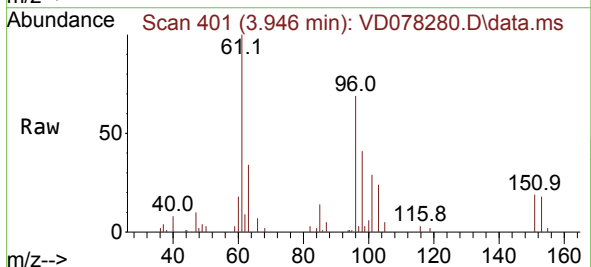
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

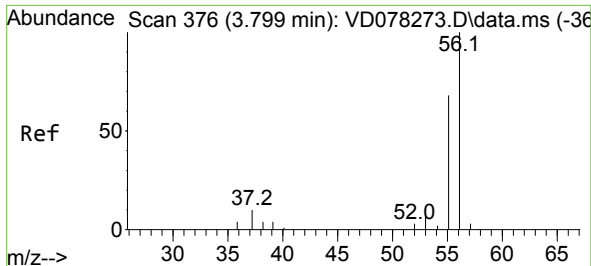
Tgt Ion: 59 Resp: 10165
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.714 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 96 Resp: 32539
Ion Ratio Lower Upper
96 100
61 145.4 100.6 150.8
98 59.1 50.2 75.2

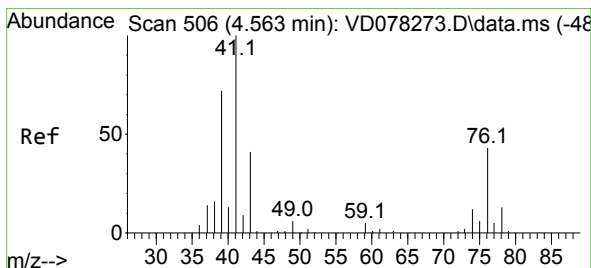
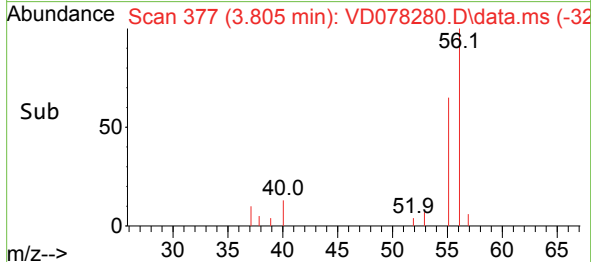
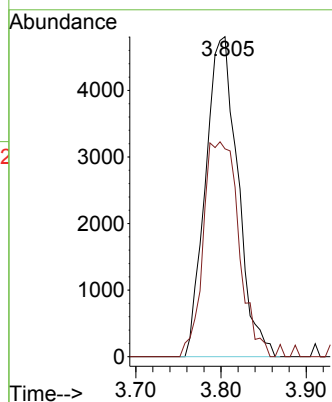
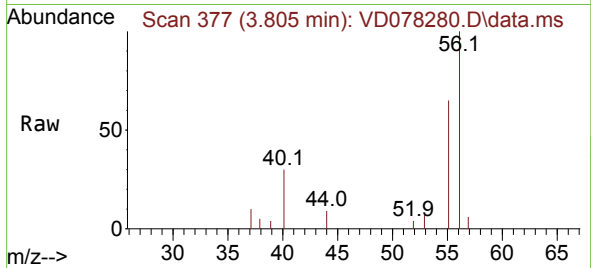




#13
Acrolein
Concen: 126.807 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

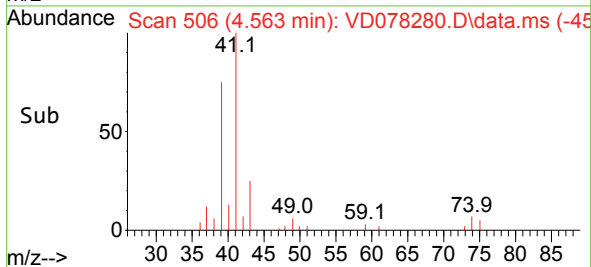
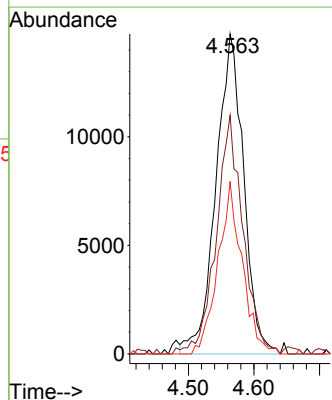
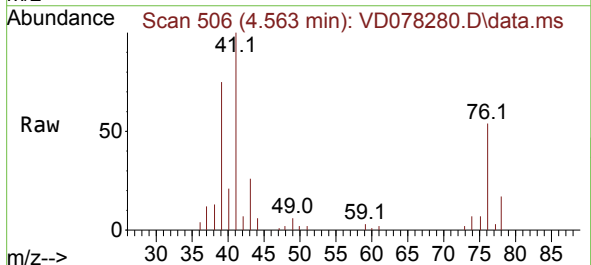
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

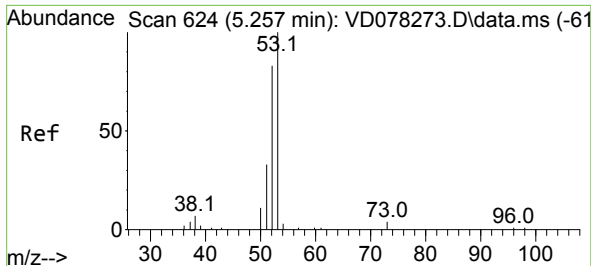
Tgt Ion: 56 Resp: 12633
Ion Ratio Lower Upper
56 100
55 73.9 55.1 82.7



#14
Allyl chloride
Concen: 22.835 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 41 Resp: 43130
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.6
76 47.3 45.8 68.8

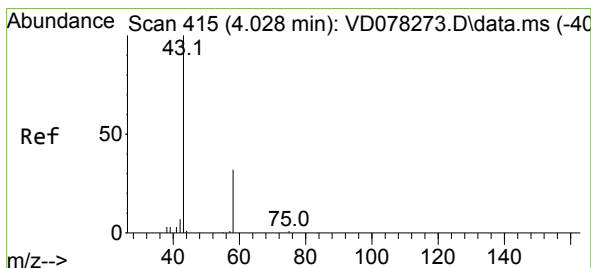
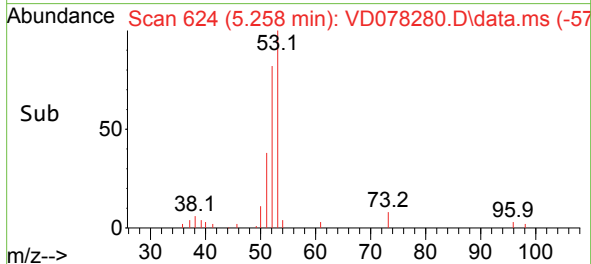
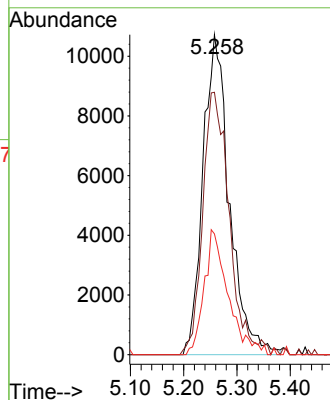
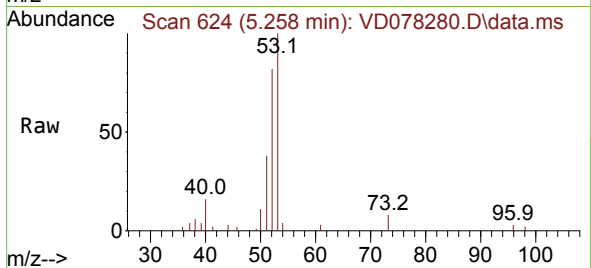




#15
Acrylonitrile
Concen: 116.589 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

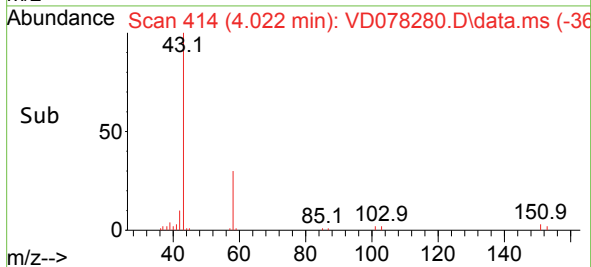
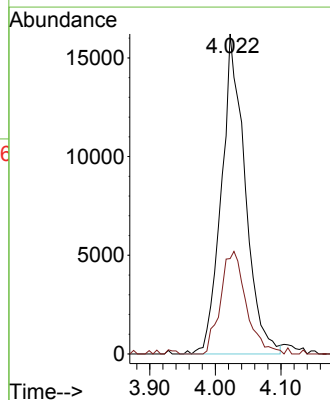
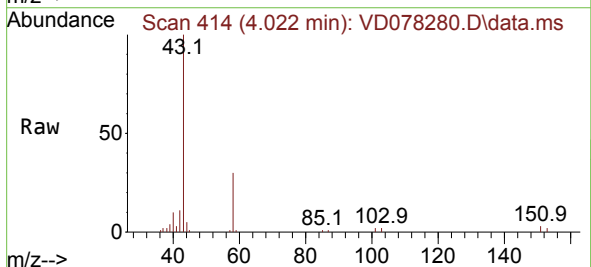
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

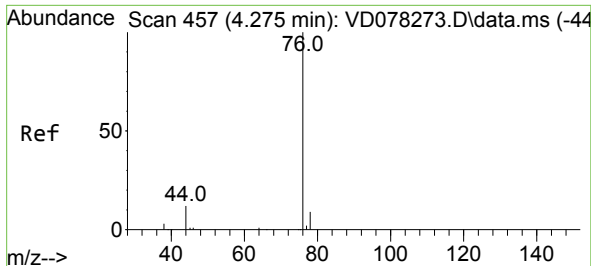
Tgt Ion:	53	Resp:	36880
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.4
51	35.6	28.3	42.5



#16
Acetone
Concen: 127.666 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:	43	Resp:	40755
Ion	Ratio	Lower	Upper
43	100		
58	29.8	34.7	52.1#

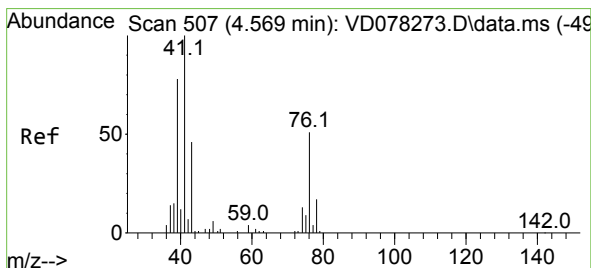
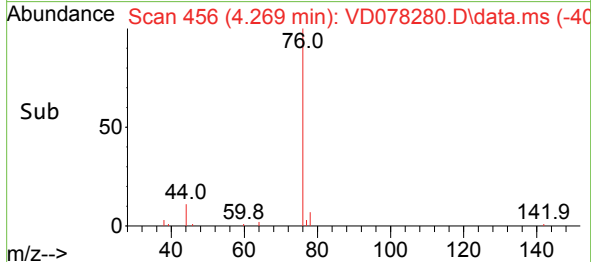
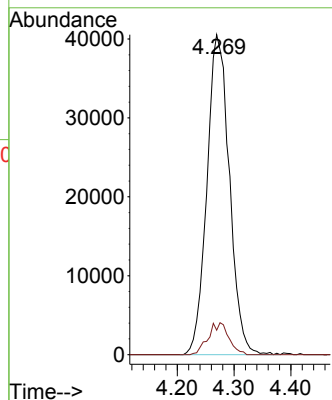
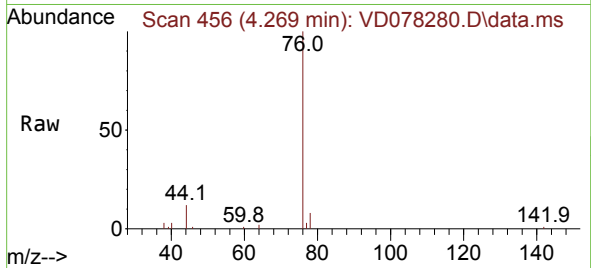




#17
Carbon Disulfide
Concen: 23.028 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

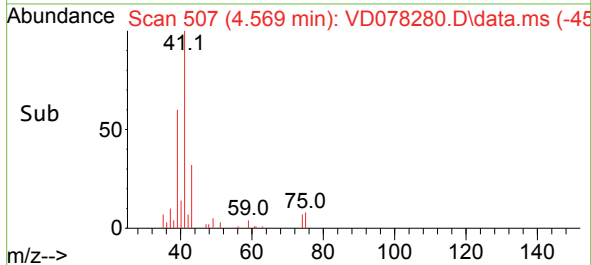
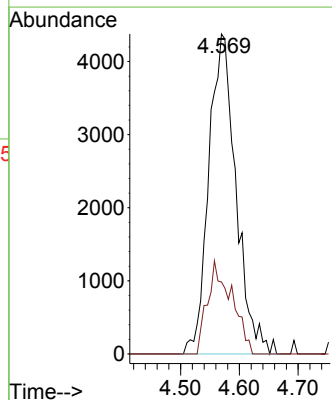
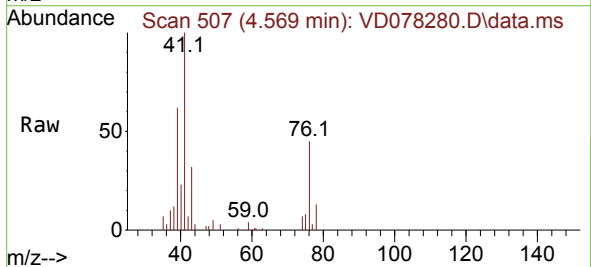
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

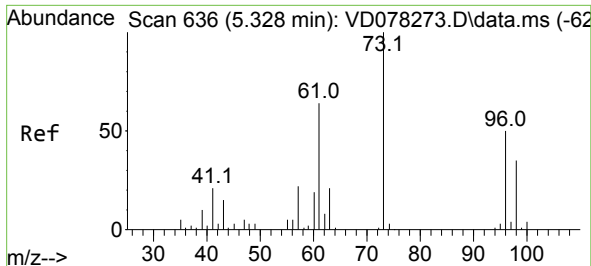
Tgt Ion: 76 Resp: 111371
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 20.482 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
74 26.0 26.4 39.6#

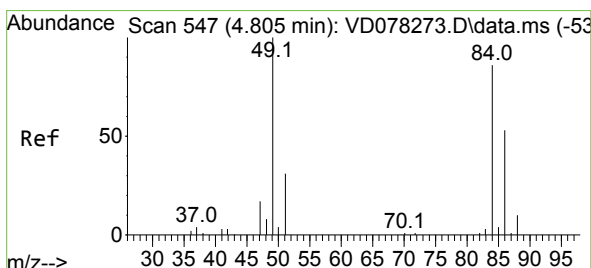
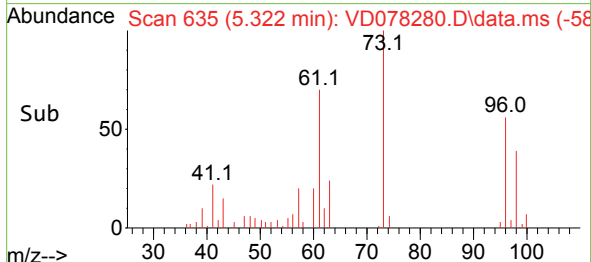
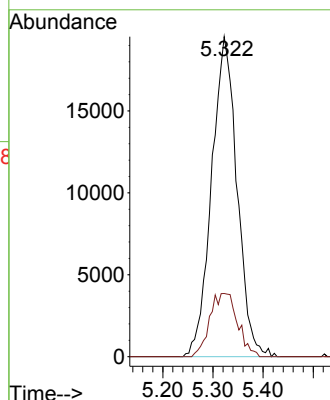
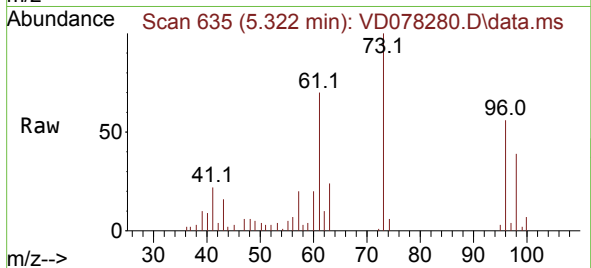




#19
Methyl tert-butyl Ether
Concen: 23.147 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

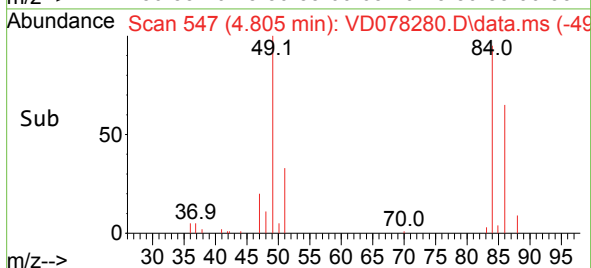
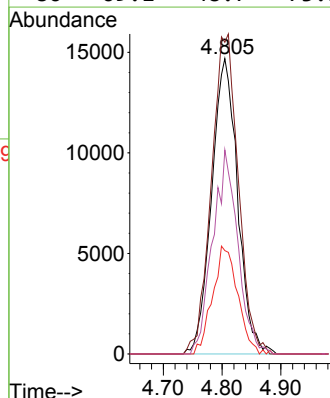
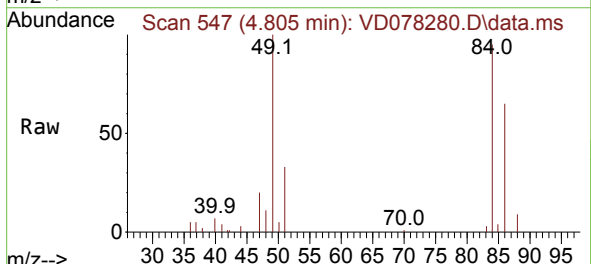
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

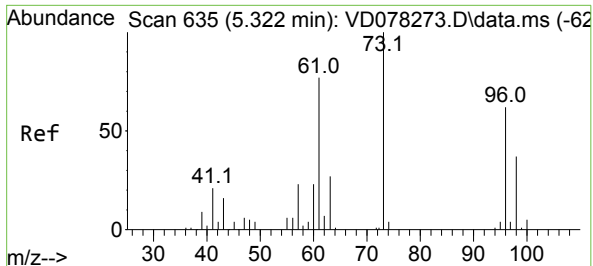
Tgt Ion: 73 Resp: 68961
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 27.683 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 84 Resp: 45210
Ion Ratio Lower Upper
84 100
49 105.5 71.4 107.2
51 35.0 24.5 36.7
86 69.1 48.7 73.1

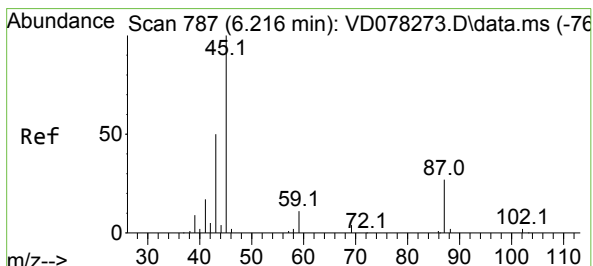
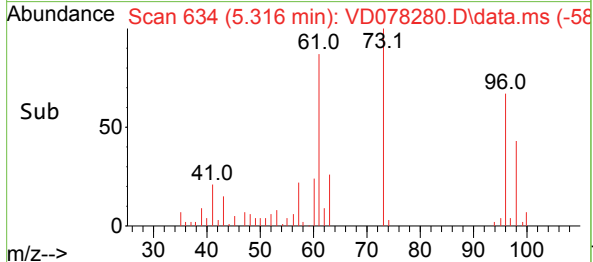
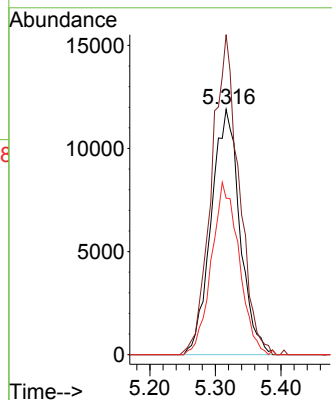
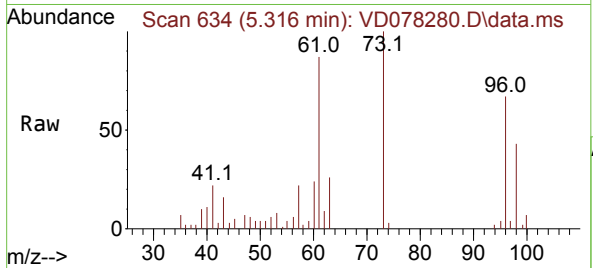




#21
trans-1,2-Dichloroethene
Concen: 22.350 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

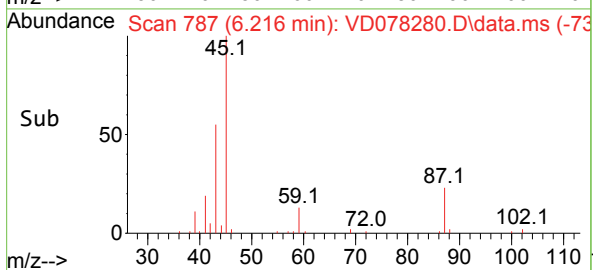
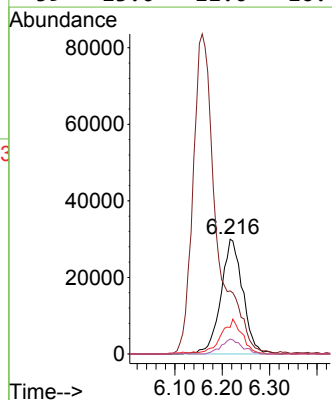
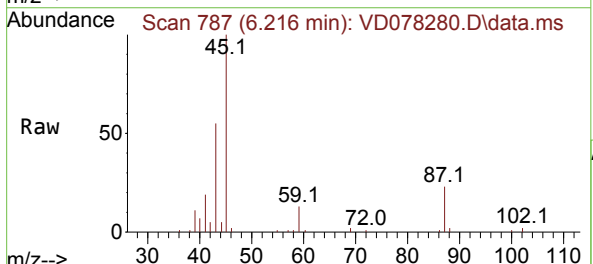
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

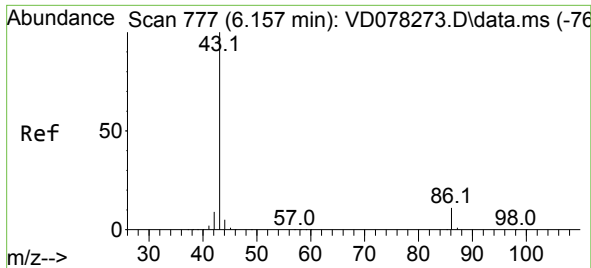
Tgt Ion: 96 Resp: 36202
Ion Ratio Lower Upper
96 100
61 130.5 89.3 133.9
98 63.8 48.6 73.0



#22
Diisopropyl ether
Concen: 23.957 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 45 Resp: 96281
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 23.2 28.2 42.4#
59 13.0 11.0 16.4

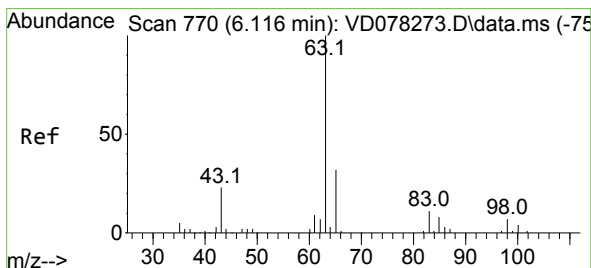
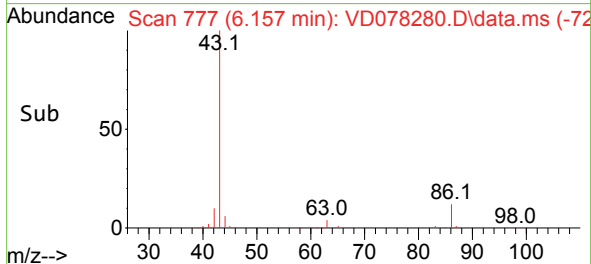
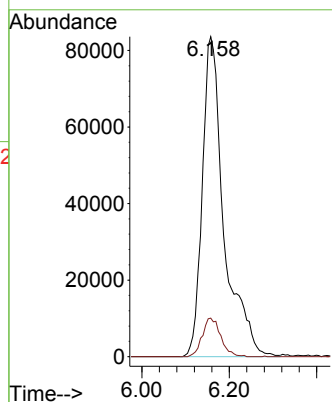
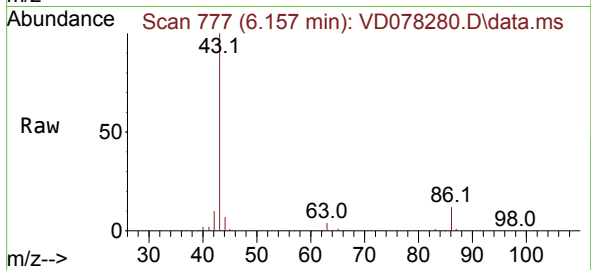




#23
 Vinyl Acetate
 Concen: 117.701 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

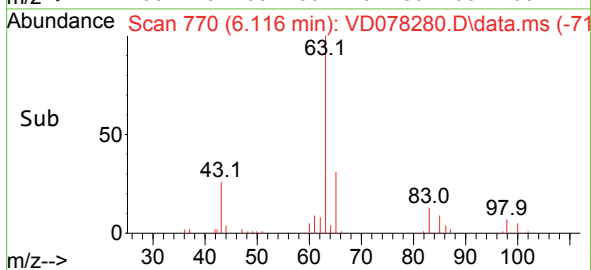
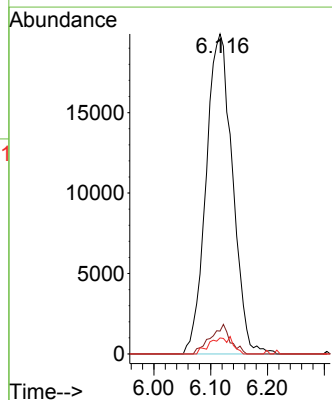
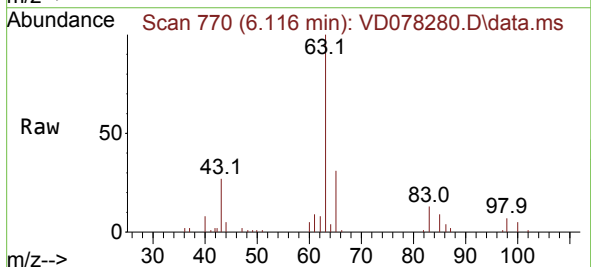
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

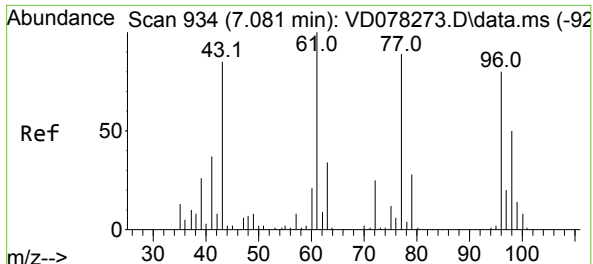
Tgt Ion: 43 Resp: 288601
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 23.058 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion: 63 Resp: 64152
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 5.0 2.5 7.5

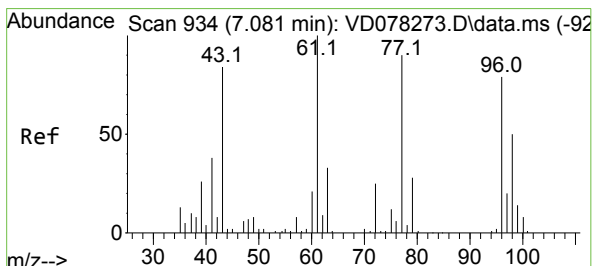
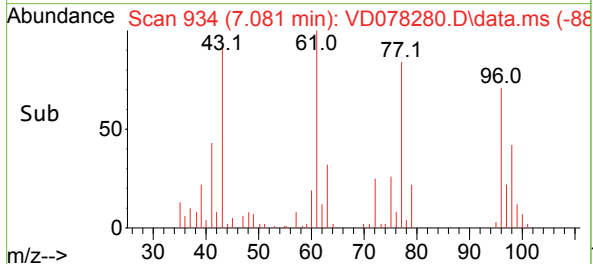
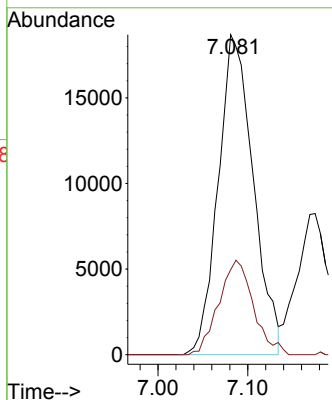
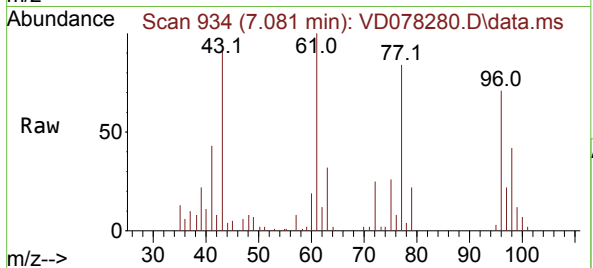




#25
2-Butanone
Concen: 117.797 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

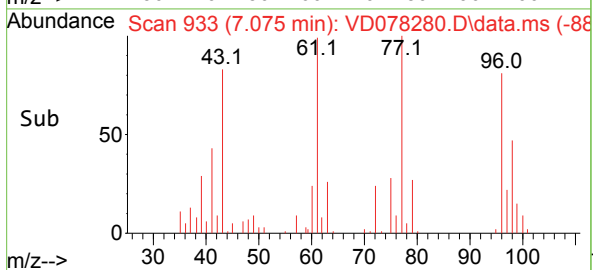
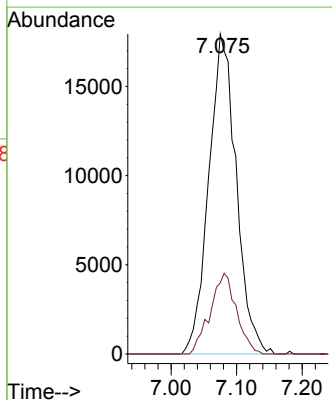
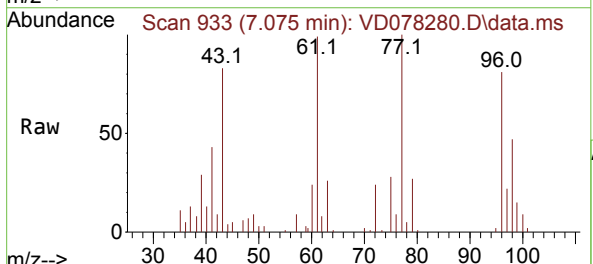
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

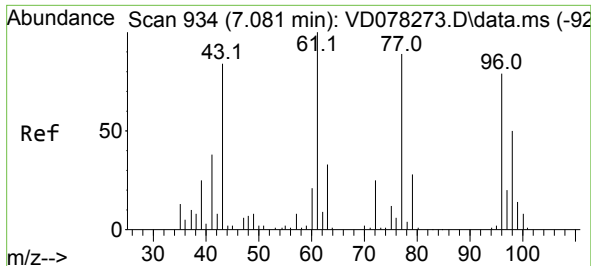
Tgt Ion: 43 Resp: 50600
Ion Ratio Lower Upper
43 100
72 26.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.952 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 77 Resp: 52163
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 22.407 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

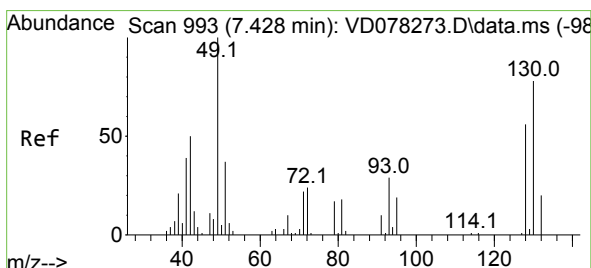
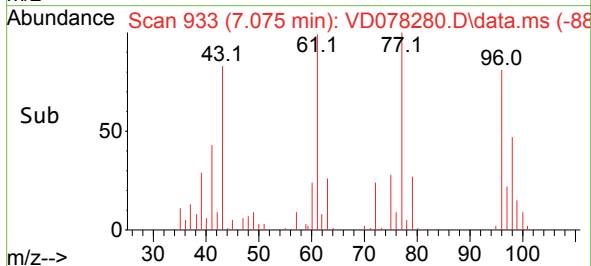
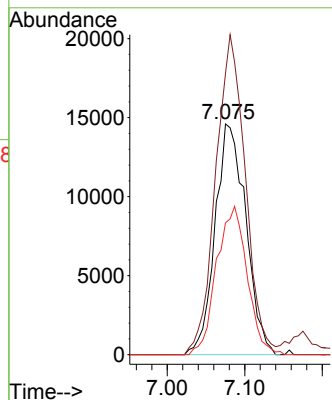
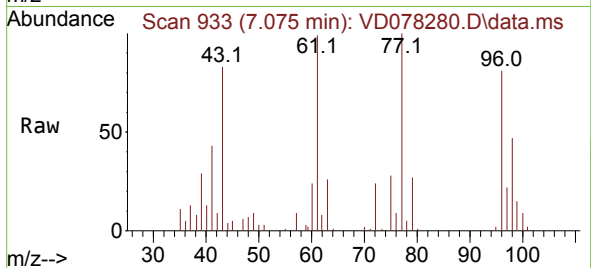
Tgt Ion: 96 Resp: 40225

Ion Ratio Lower Upper

96 100

61 133.8 0.0 239.2

98 64.1 0.0 128.6



#28

Bromochloromethane

Concen: 22.178 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

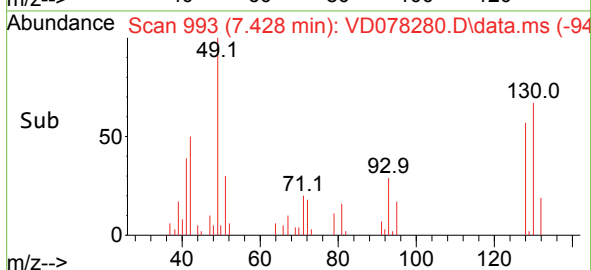
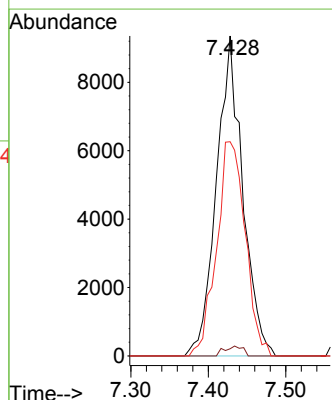
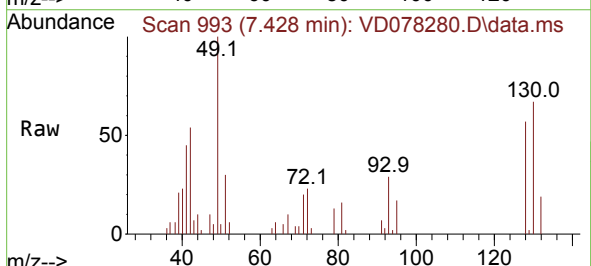
Tgt Ion: 49 Resp: 22008

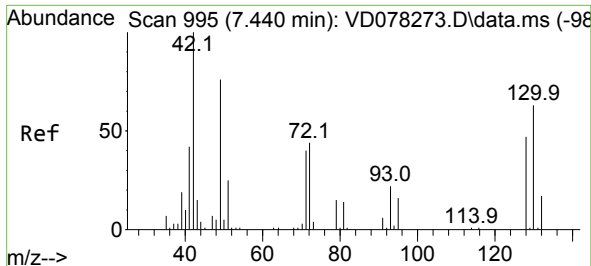
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 73.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 120.698 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

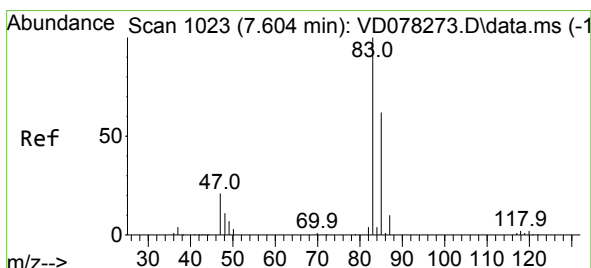
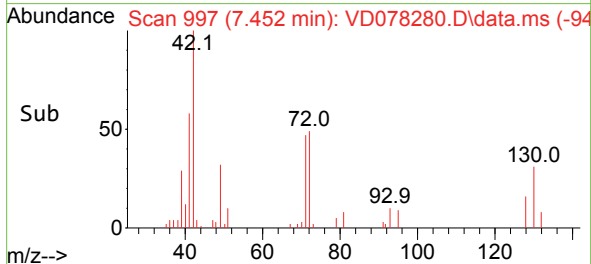
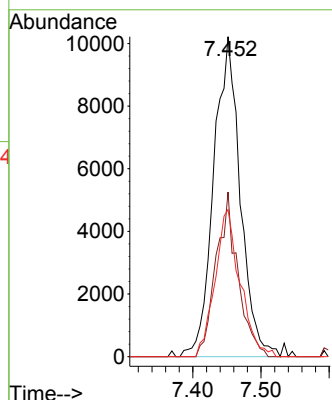
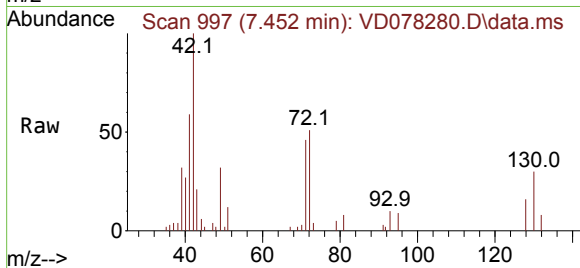
Tgt Ion: 42 Resp: 27736

Ion Ratio Lower Upper

42 100

72 42.2 46.5 69.7#

71 43.3 44.5 66.7#



#30

Chloroform

Concen: 22.681 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078280.D

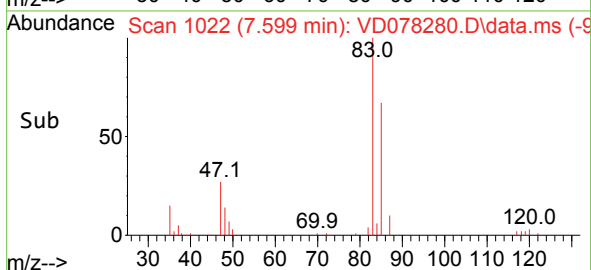
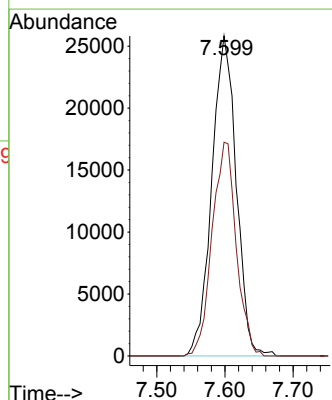
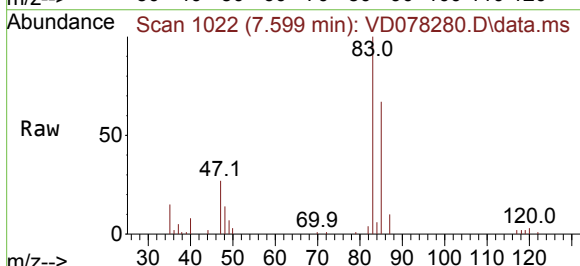
Acq: 30 Jan 2024 15:42

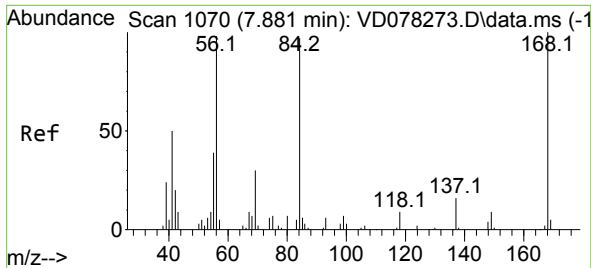
Tgt Ion: 83 Resp: 64520

Ion Ratio Lower Upper

83 100

85 66.8 53.4 80.2

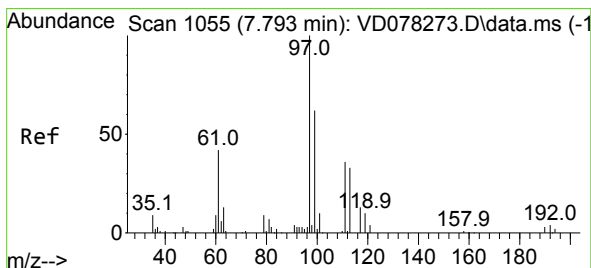
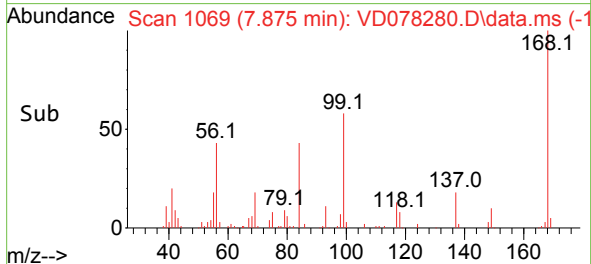
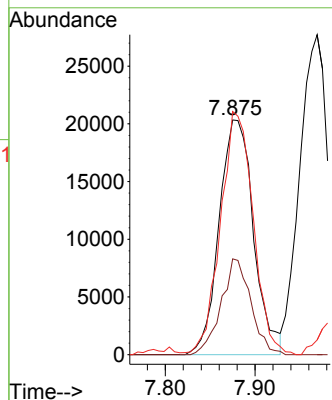
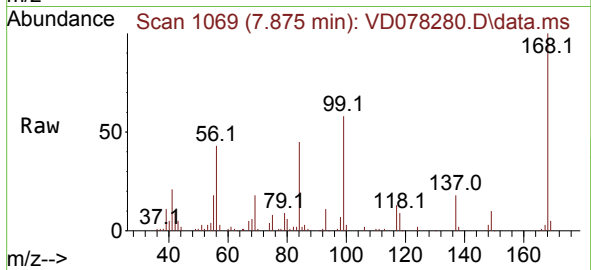




#31
Cyclohexane
Concen: 22.443 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

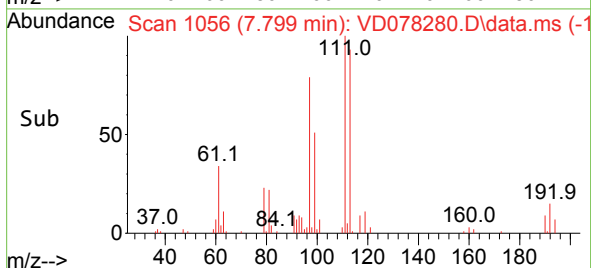
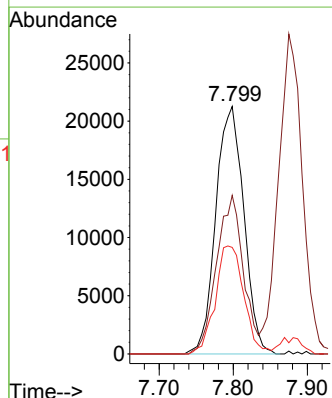
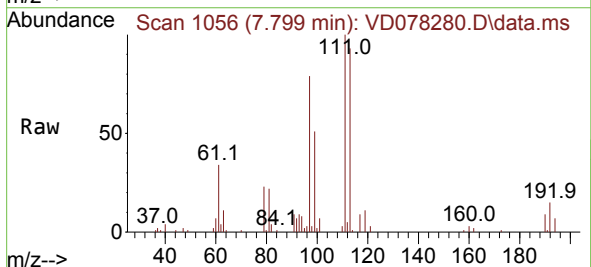
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

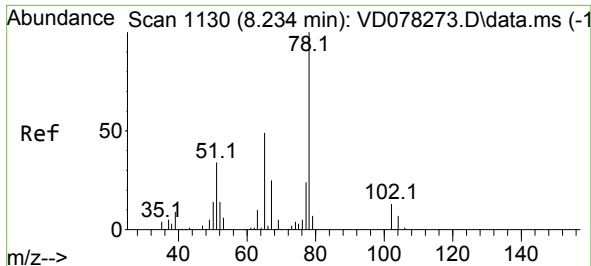
Tgt Ion: 56 Resp: 54183
Ion Ratio Lower Upper
56 100
69 40.8 28.6 43.0
84 102.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.781 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 97 Resp: 55852
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 44.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.203 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

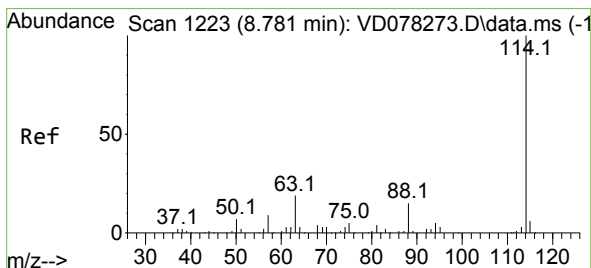
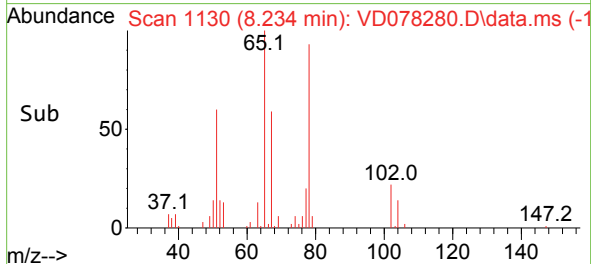
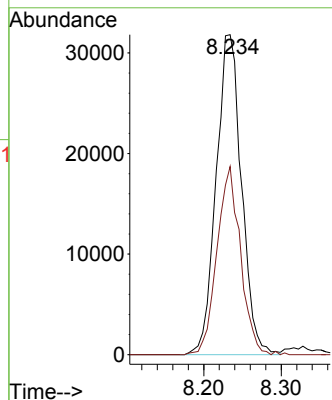
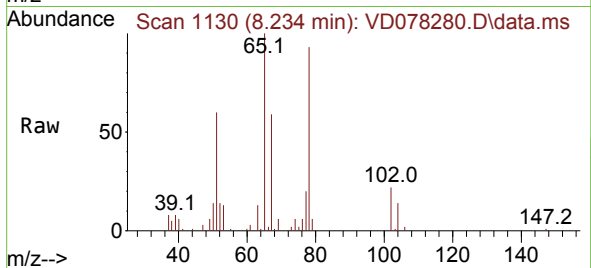
VD0130SBSD01

Tgt Ion: 65 Resp: 72451

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

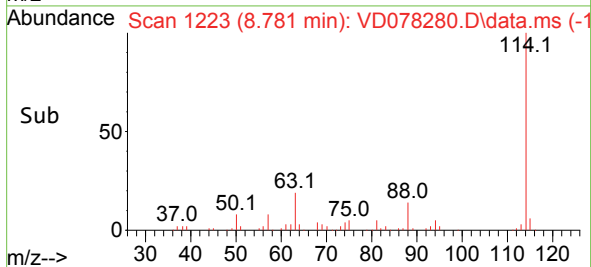
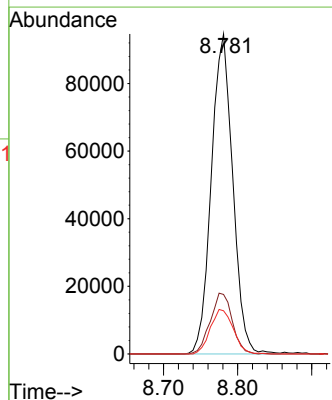
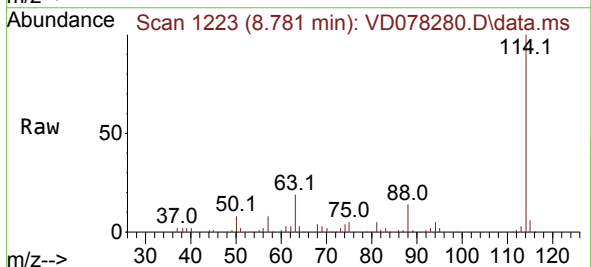
Tgt Ion: 114 Resp: 189925

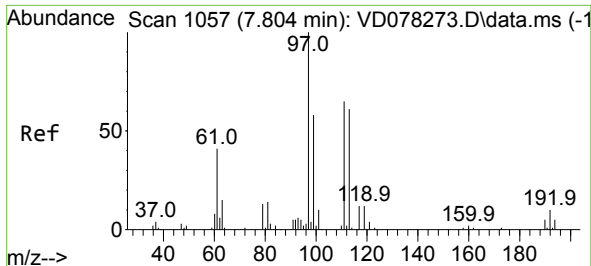
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.5 0.0 26.2

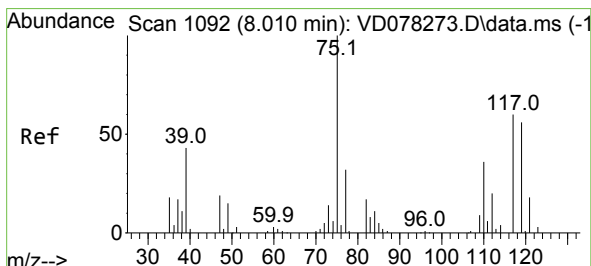
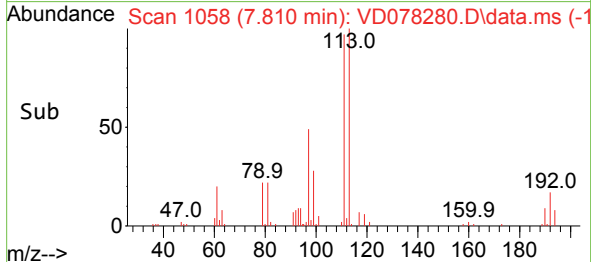
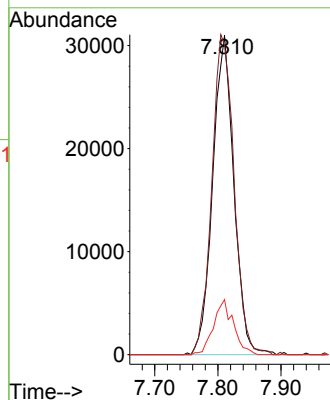
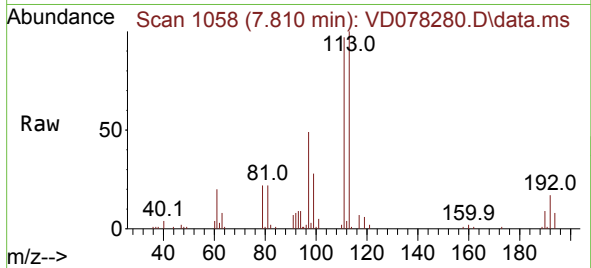




#35
Dibromofluoromethane
Concen: 53.364 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

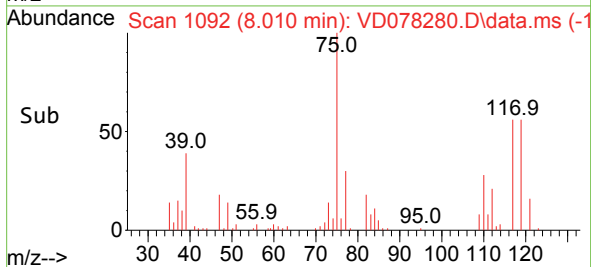
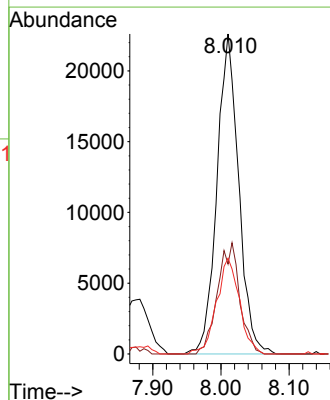
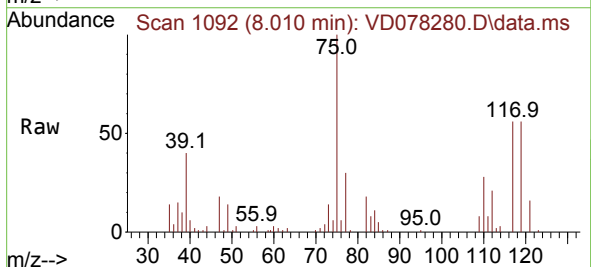
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

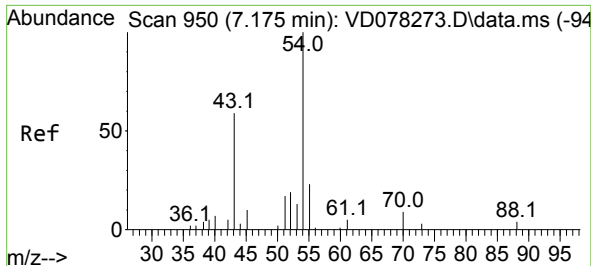
Tgt Ion:113 Resp: 72155
Ion Ratio Lower Upper
113 100
111 105.1 84.7 127.1
192 16.3 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 22.374 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 75 Resp: 50167
Ion Ratio Lower Upper
75 100
110 35.5 19.9 59.6
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 25.892 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

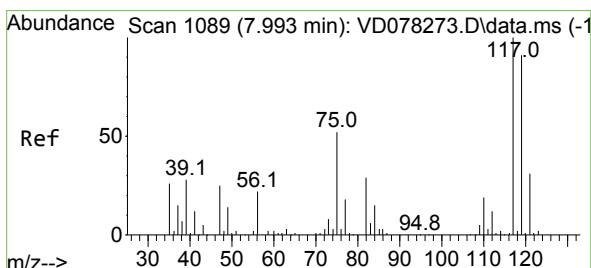
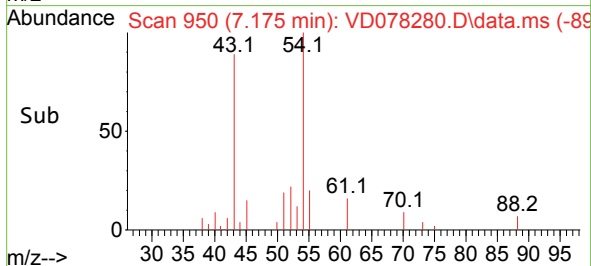
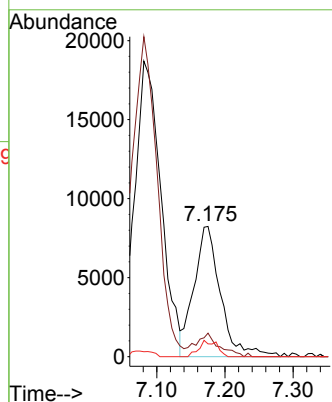
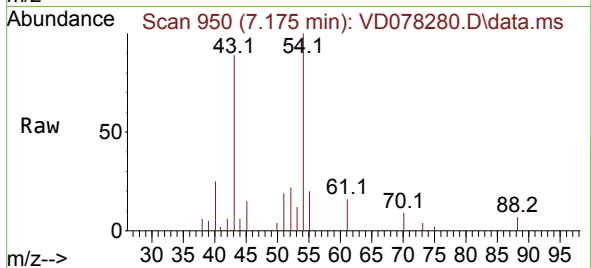
Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

Tgt Ion: 43	Resp: 22344
Ion Ratio	Lower Upper
43	100
61	15.9 14.9 22.3
70	8.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.178 ug/l

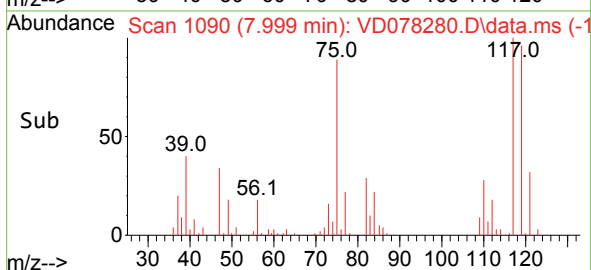
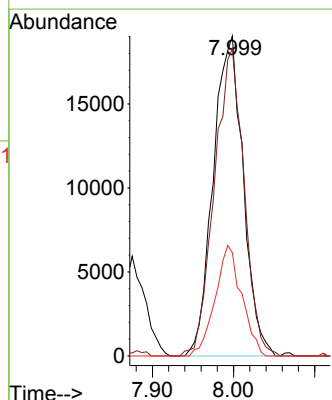
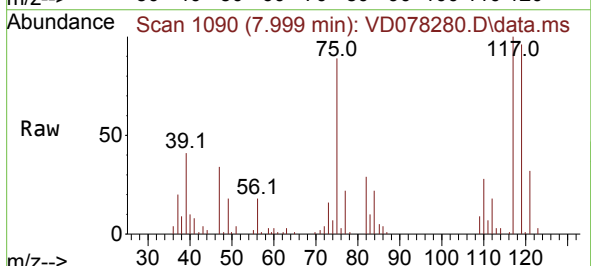
RT: 7.999 min Scan# 1090

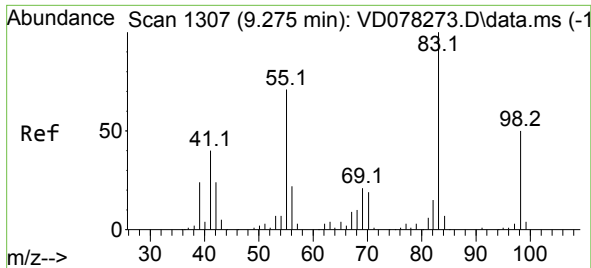
Delta R.T. 0.006 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Tgt Ion: 117	Resp: 48894
Ion Ratio	Lower Upper
117	100
119	96.1 78.0 117.0
121	32.2 24.2 36.2





#39

Methylcyclohexane

Concen: 21.532 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

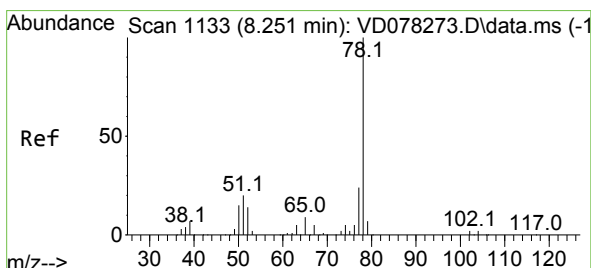
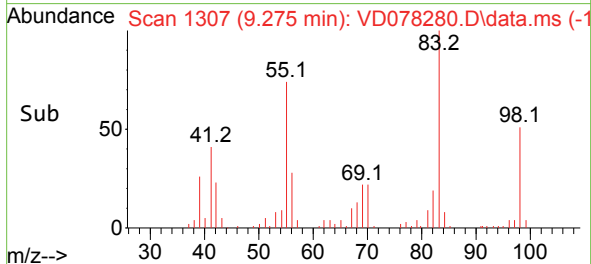
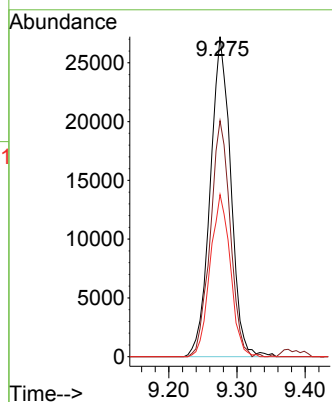
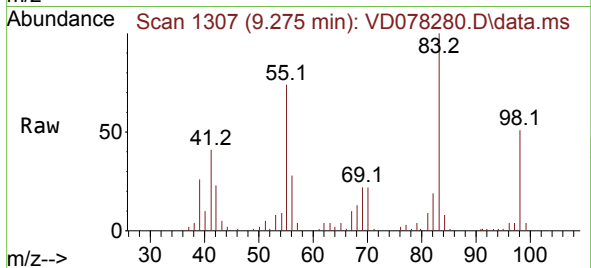
Tgt Ion: 83 Resp: 57080

Ion Ratio Lower Upper

83 100

55 73.7 49.4 74.0

98 50.7 38.4 57.6



#40

Benzene

Concen: 22.688 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078280.D

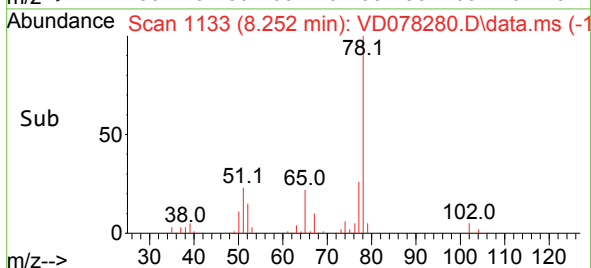
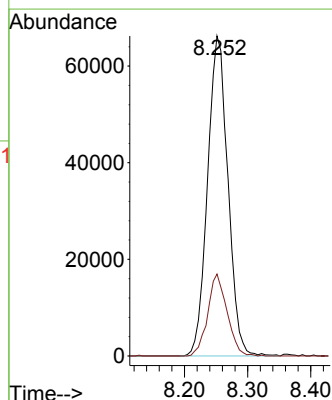
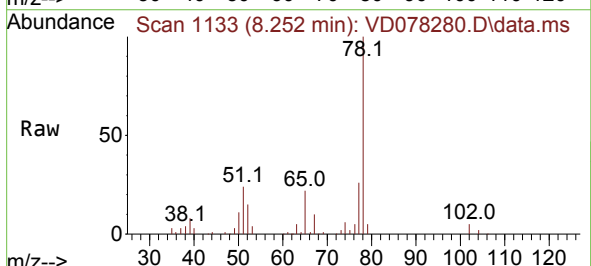
Acq: 30 Jan 2024 15:42

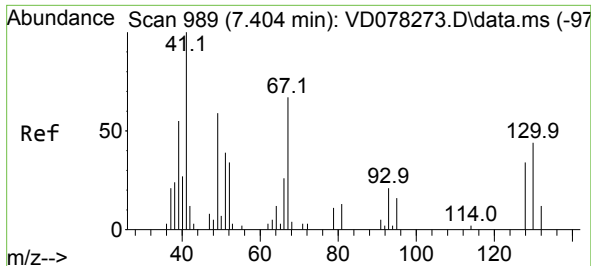
Tgt Ion: 78 Resp: 148427

Ion Ratio Lower Upper

78 100

77 25.6 19.4 29.0

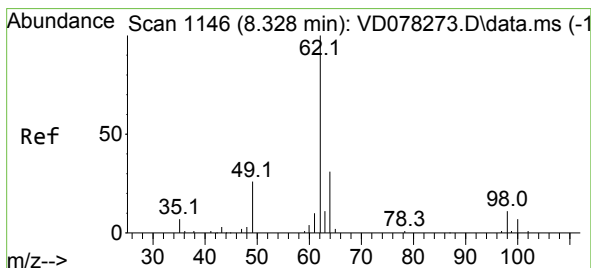
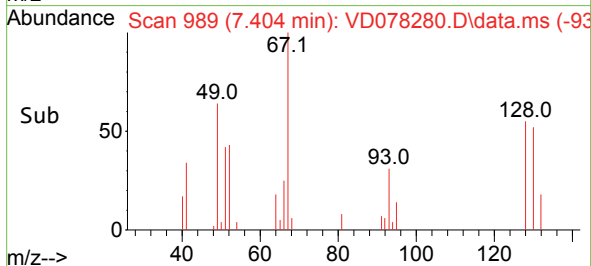
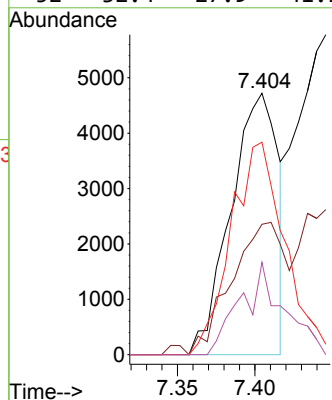
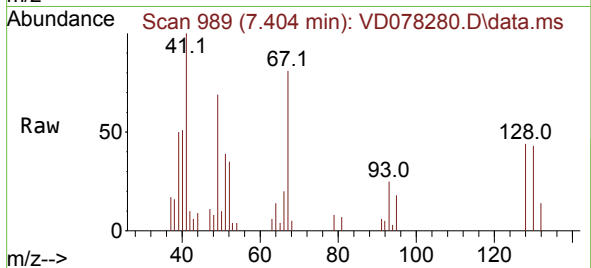




#41
Methacrylonitrile
Concen: 21.546 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

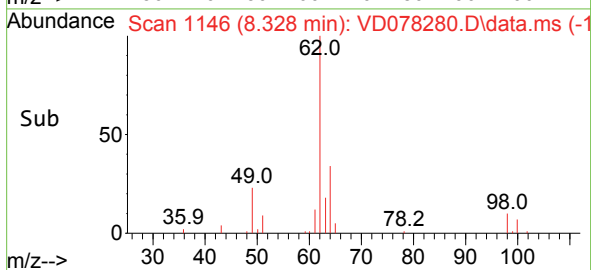
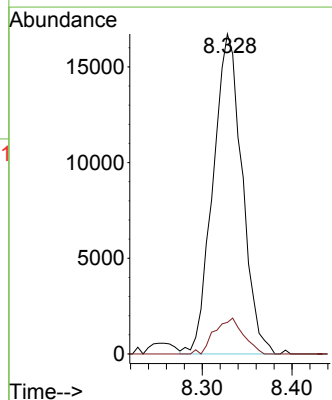
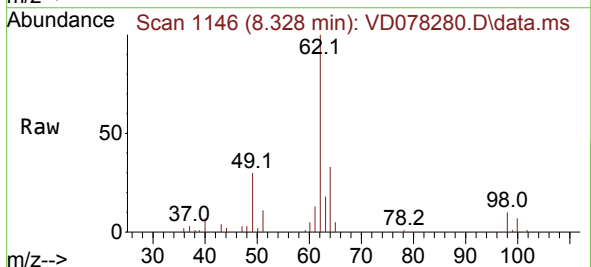
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

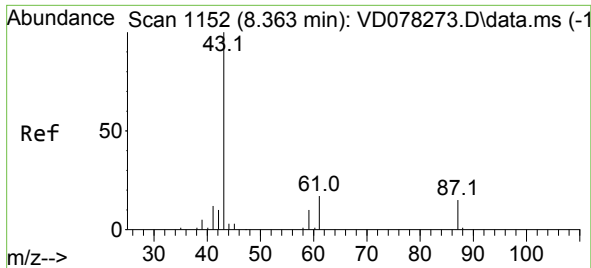
Tgt Ion:	41	Resp:	9996
Ion	Ratio	Lower	Upper
41	100		
39	58.8	34.0	51.0#
67	92.2	77.0	115.4
52	32.4	27.9	41.9



#42
1,2-Dichloroethane
Concen: 22.219 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:	62	Resp:	37701
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	25.4

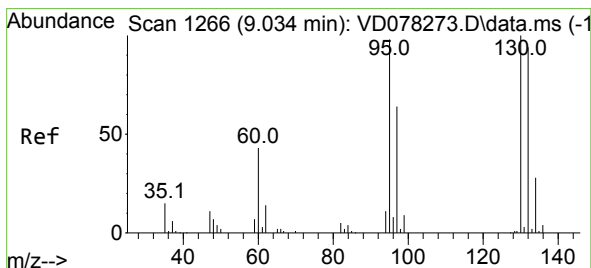
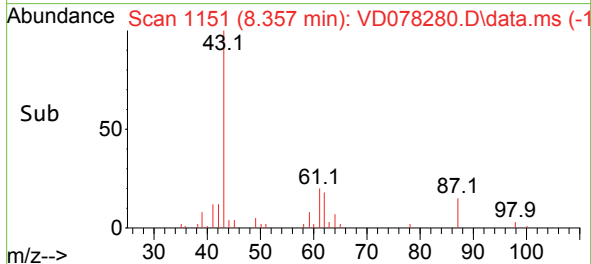
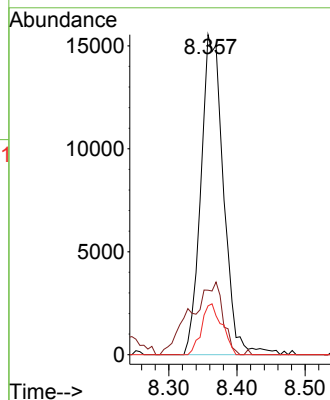
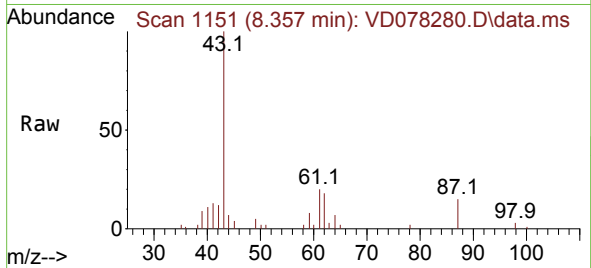




#43
Isopropyl Acetate
Concen: 23.127 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

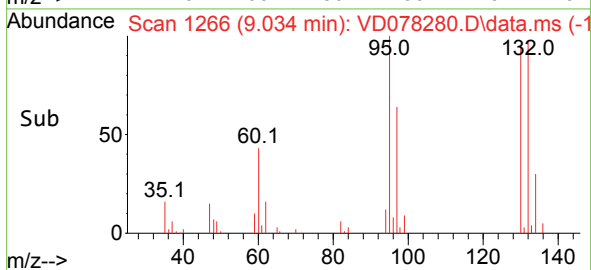
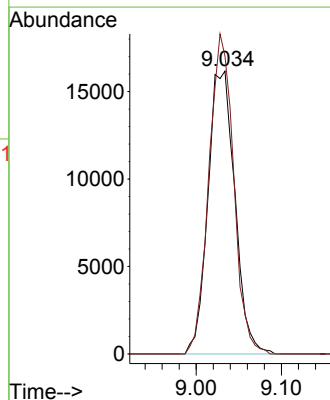
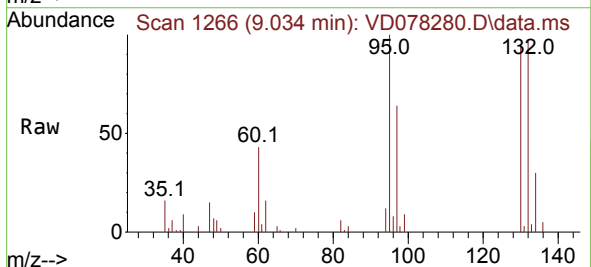
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

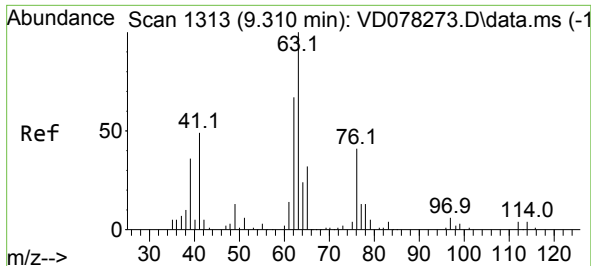
Tgt Ion: 43 Resp: 35784
Ion Ratio Lower Upper
43 100
61 20.8 31.4 47.0#
87 14.3 14.9 22.3#



#44
Trichloroethene
Concen: 22.146 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:130 Resp: 35576
Ion Ratio Lower Upper
130 100
95 105.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.946 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

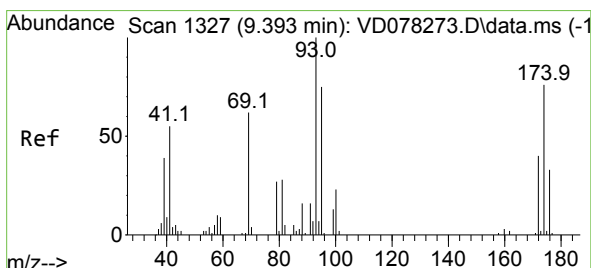
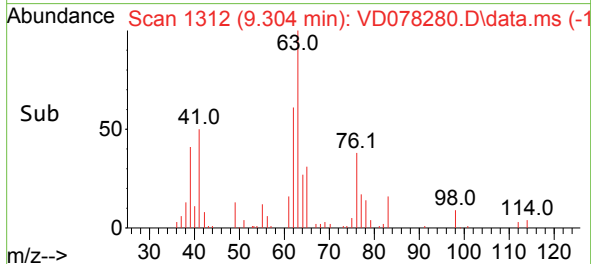
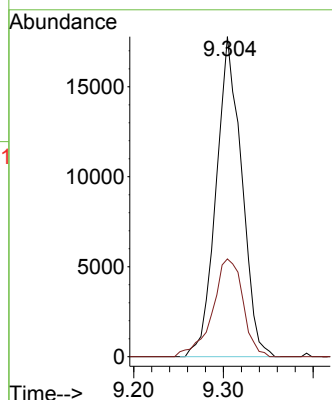
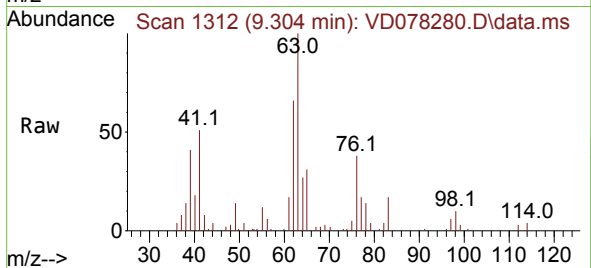
VD0130SBSD01

Tgt Ion: 63 Resp: 35104

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 23.287 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

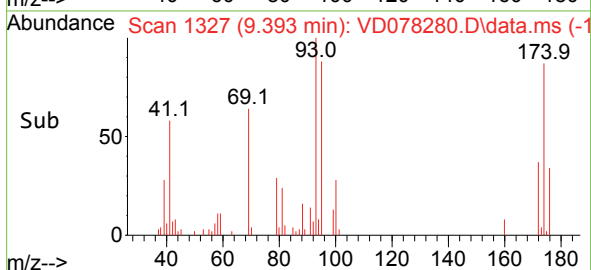
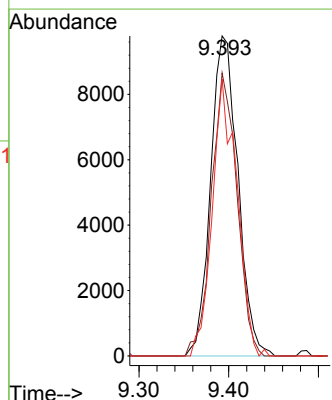
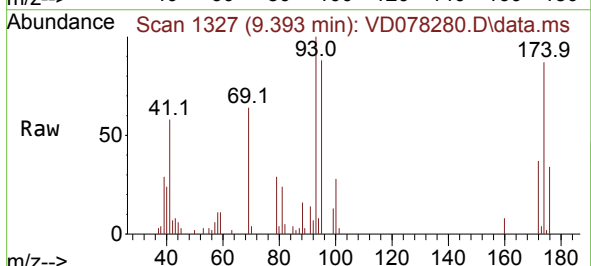
Tgt Ion: 93 Resp: 20667

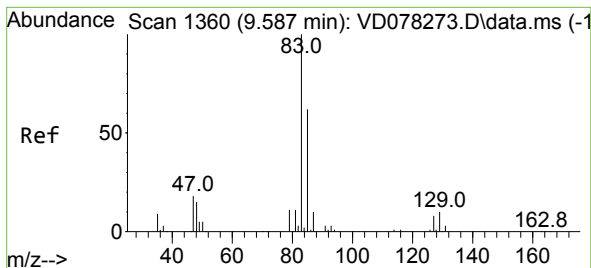
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

174 78.5 85.4 128.2#





#47

Bromodichloromethane

Concen: 22.643 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

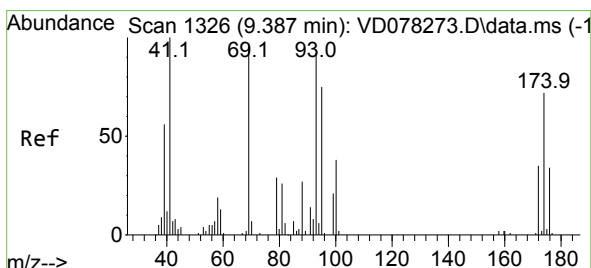
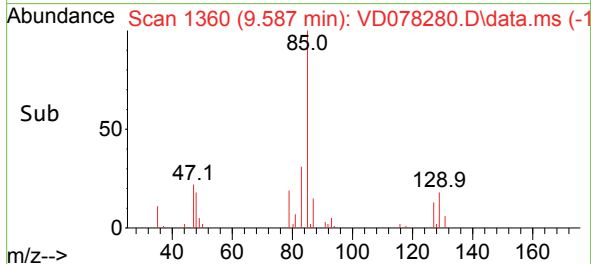
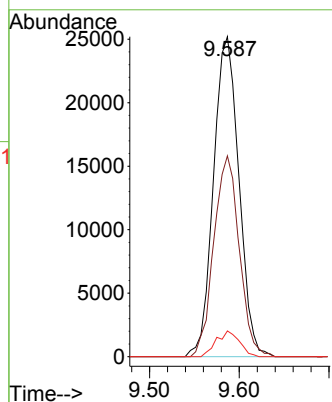
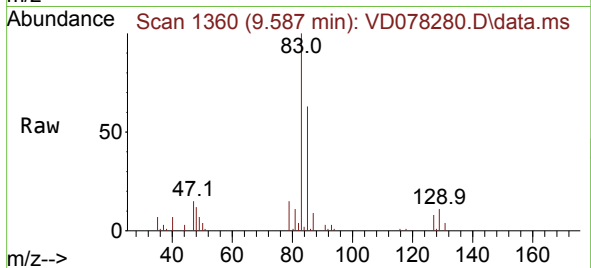
Tgt Ion: 83 Resp: 49443

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 23.010 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.012 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

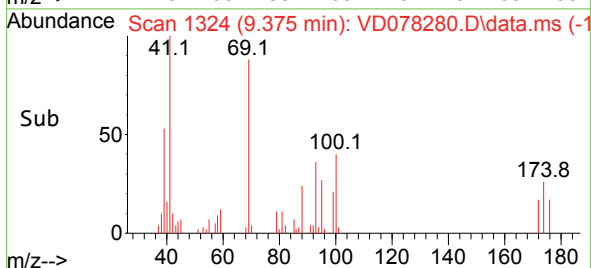
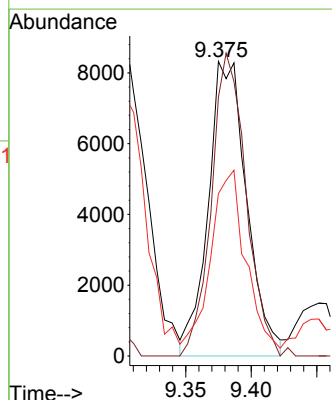
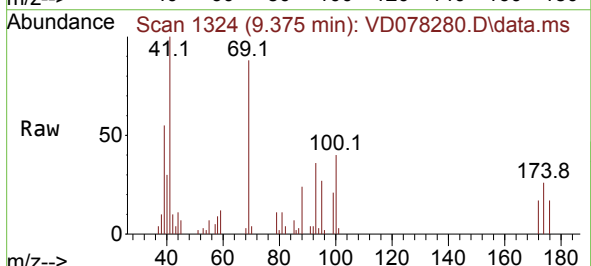
Tgt Ion: 41 Resp: 17013

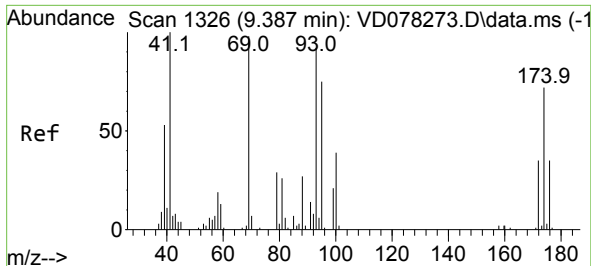
Ion Ratio Lower Upper

41 100

69 92.8 102.2 153.2#

39 53.3 41.4 62.2





#49

1,4-Dioxane

Concen: 463.156 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

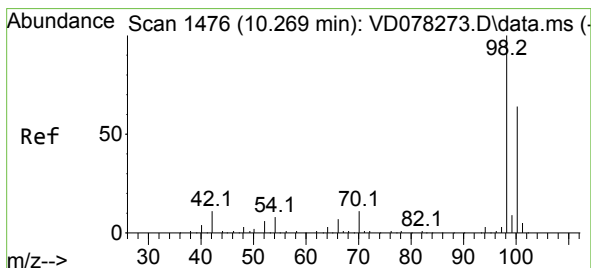
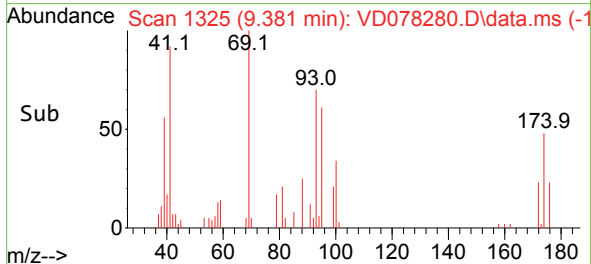
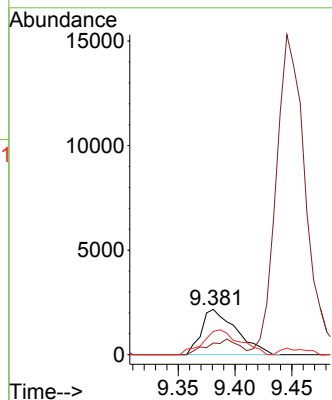
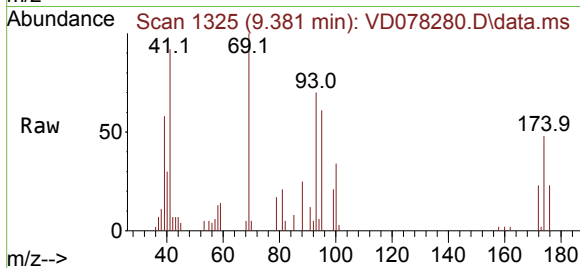
Tgt Ion: 88 Resp: 4611

Ion Ratio Lower Upper

88 100

43 30.0 19.0 28.6#

58 58.1 43.5 65.3



#50

Toluene-d8

Concen: 55.863 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078280.D

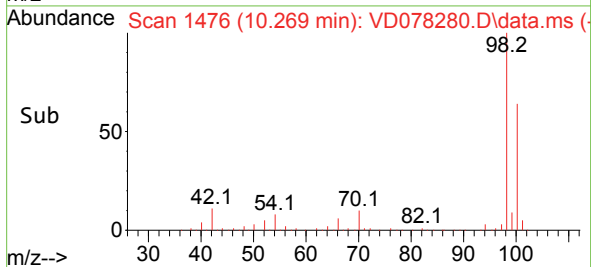
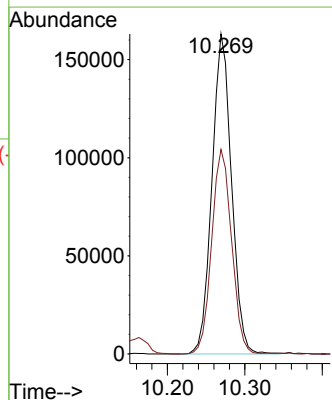
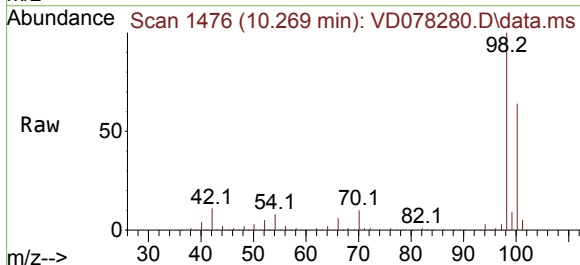
Acq: 30 Jan 2024 15:42

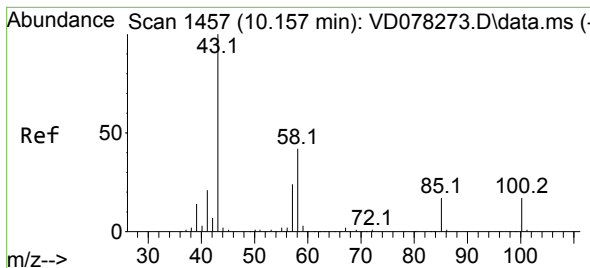
Tgt Ion: 98 Resp: 285976

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

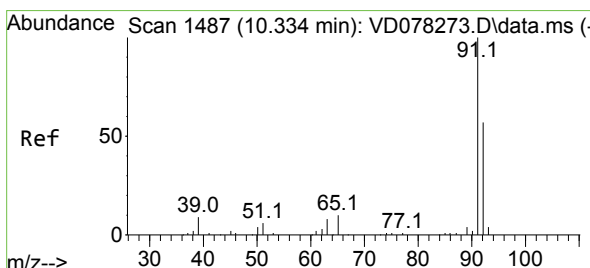
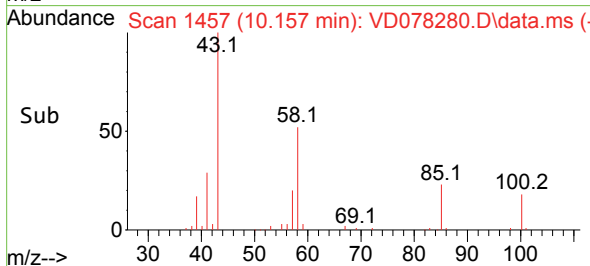
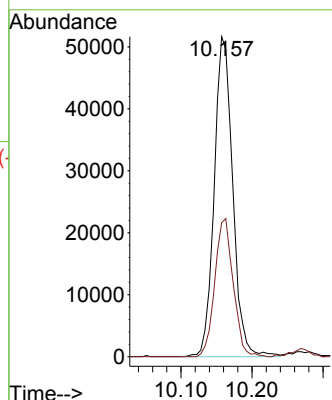
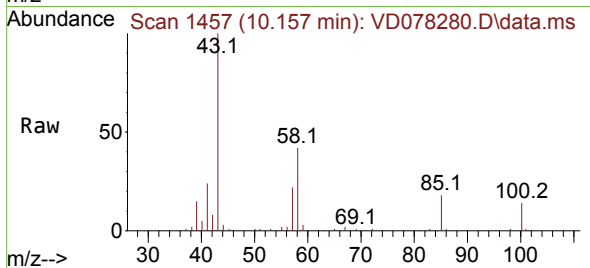




#51
4-Methyl-2-Pentanone
Concen: 111.716 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

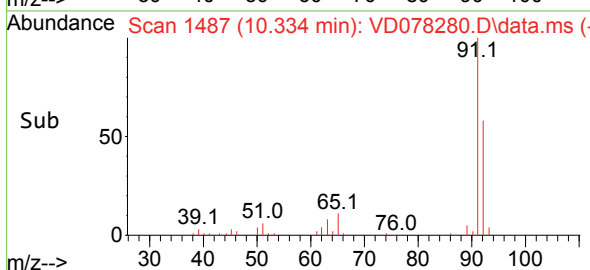
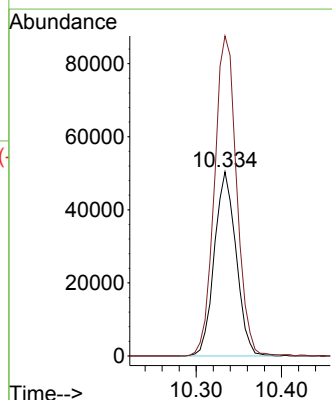
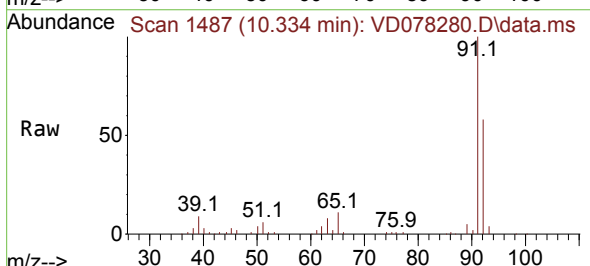
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

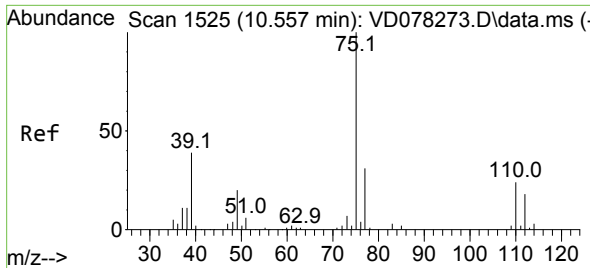
Tgt Ion: 43 Resp: 93509
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 22.470 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 92 Resp: 89166
Ion Ratio Lower Upper
92 100
91 178.1 143.0 214.4

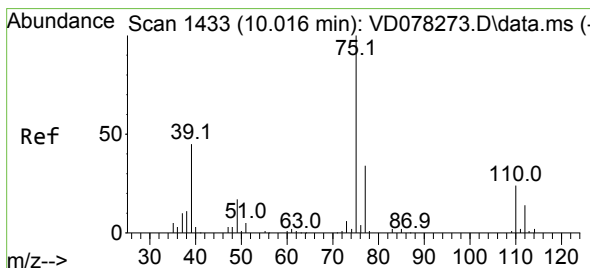
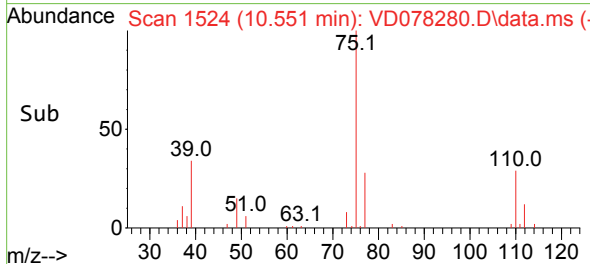
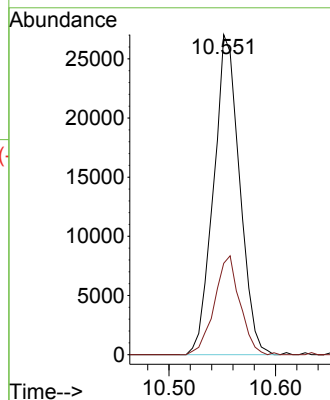
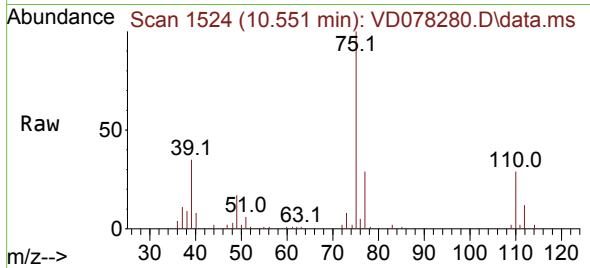




#53
 t-1,3-Dichloropropene
 Concen: 22.458 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

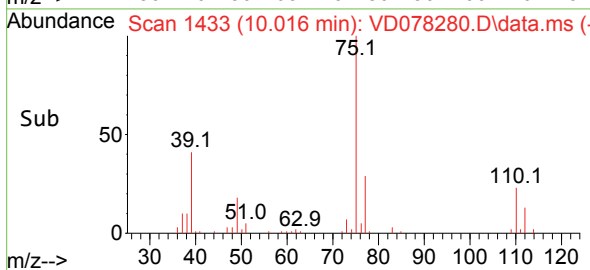
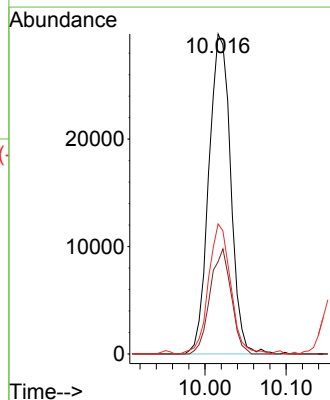
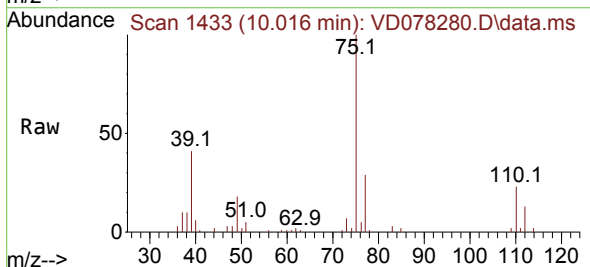
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

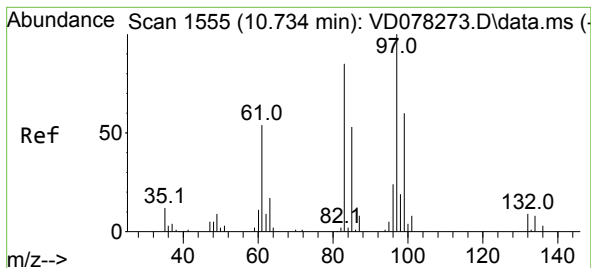
Tgt Ion: 75 Resp: 45804
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 23.043 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion: 75 Resp: 55638
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.5 38.3
 39 40.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 23.530 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

Tgt Ion: 97 Resp: 27251

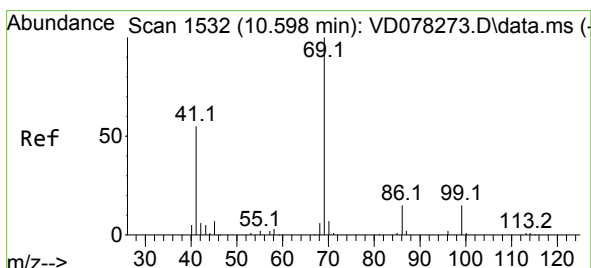
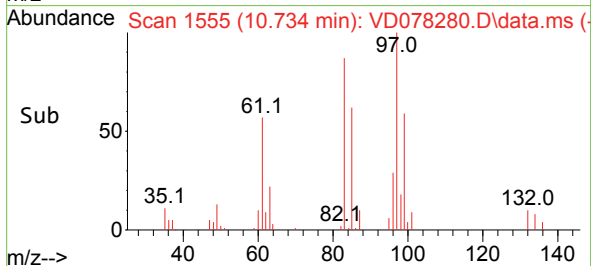
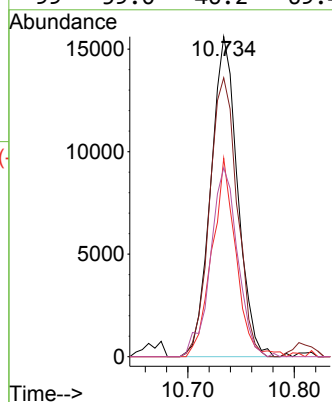
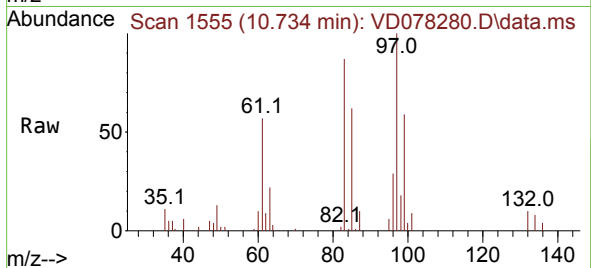
Ion Ratio Lower Upper

97 100

83 87.1 65.8 98.6

85 62.0 45.7 68.5

99 59.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 22.934 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

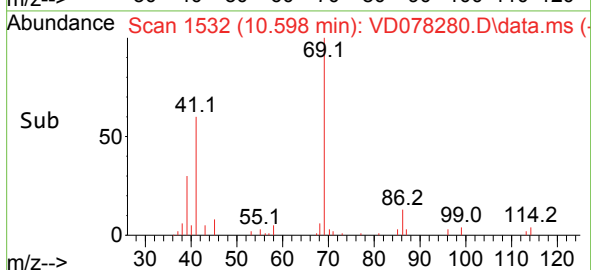
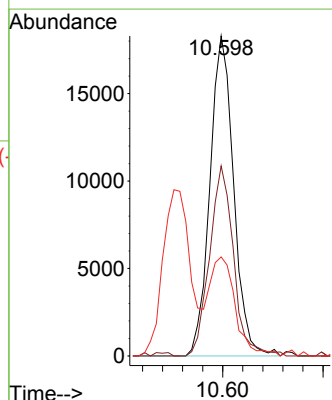
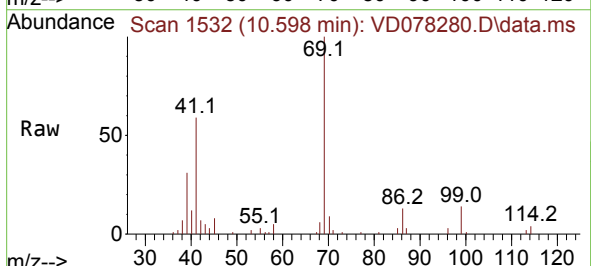
Tgt Ion: 69 Resp: 30127

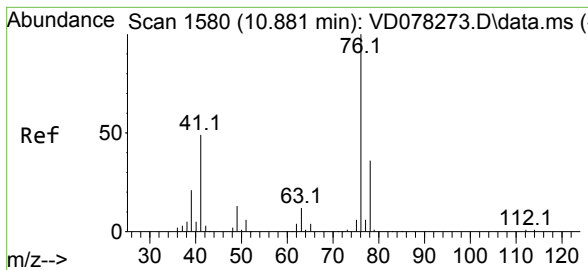
Ion Ratio Lower Upper

69 100

41 59.9 39.1 58.7#

39 33.0 20.0 30.0#

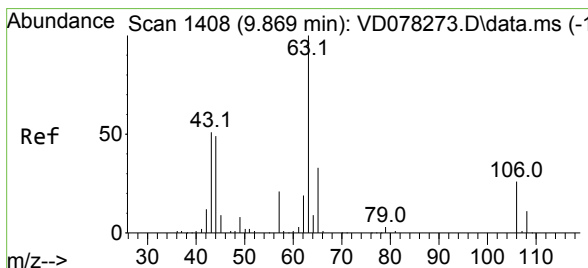
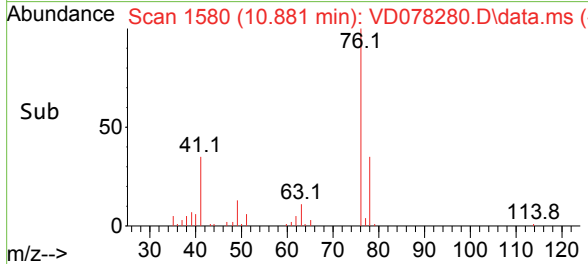
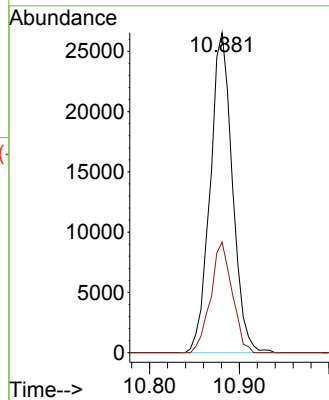
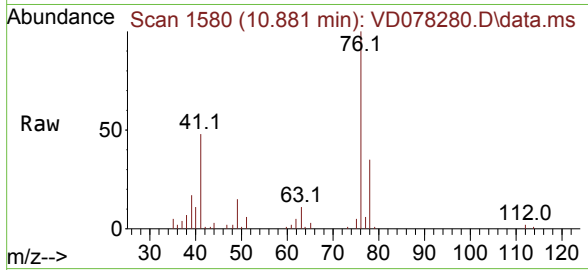




#57
 1,3-Dichloropropane
 Concen: 22.857 ug/l
 RT: 10.881 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

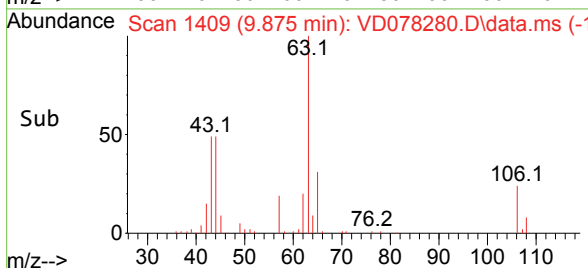
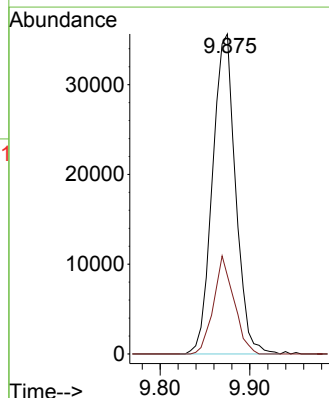
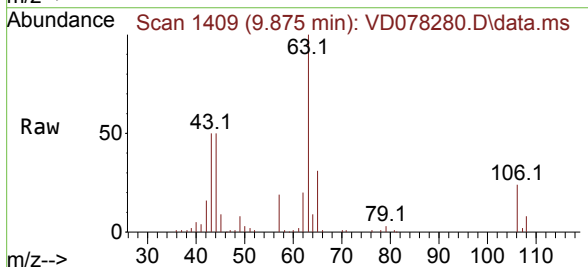
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

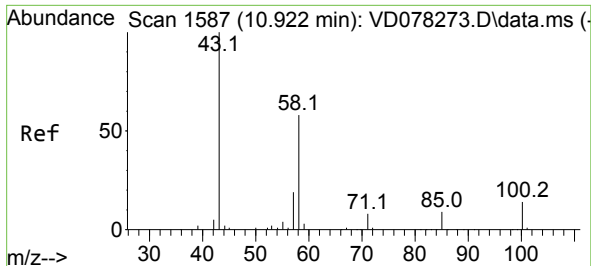
Tgt Ion: 76 Resp: 45644
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.546 ug/l
 RT: 9.875 min Scan# 1409
 Delta R.T. 0.006 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion: 63 Resp: 63649
 Ion Ratio Lower Upper
 63 100
 106 27.1 25.3 37.9

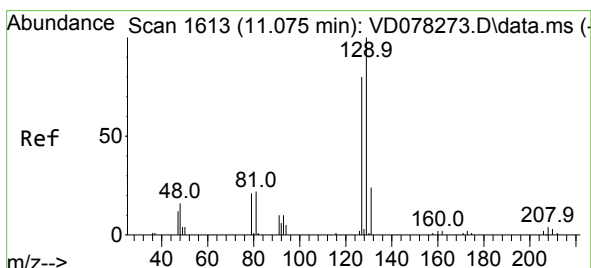
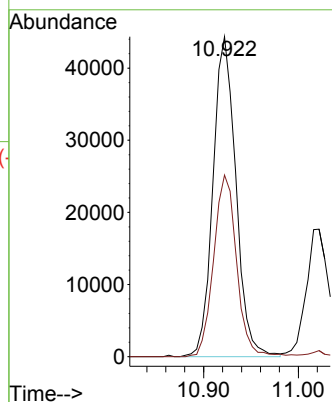
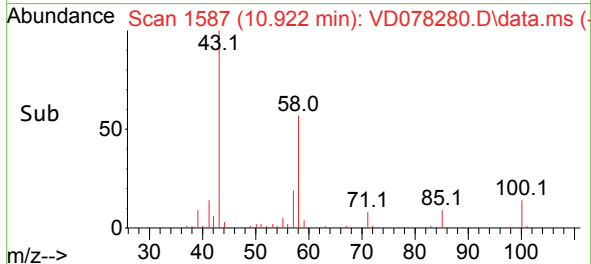
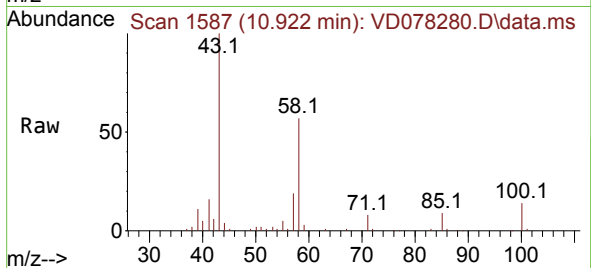




#59
2-Hexanone
Concen: 118.095 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

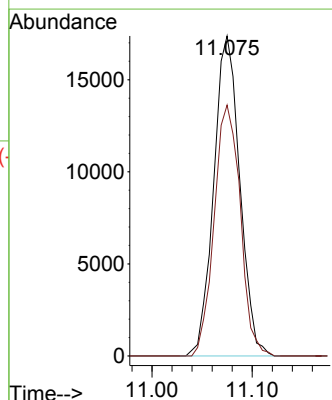
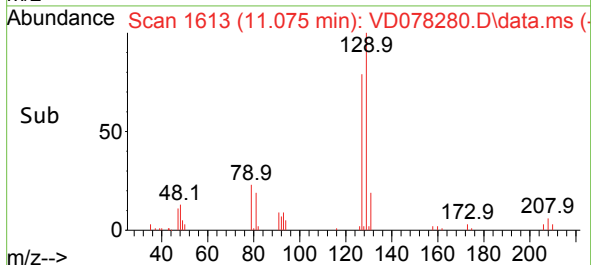
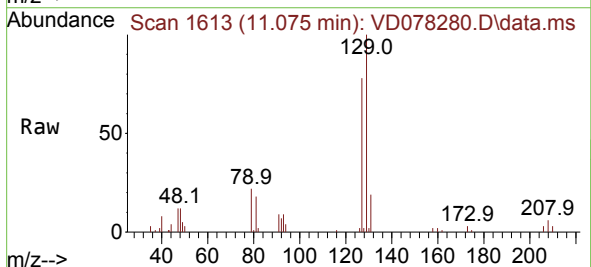
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

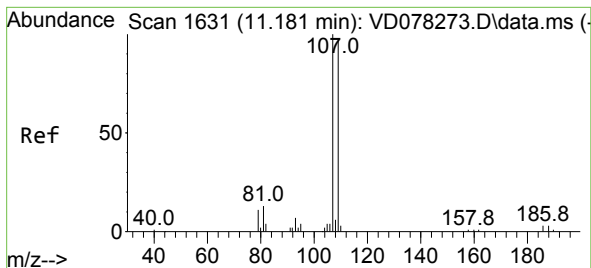
Tgt Ion: 43 Resp: 74446
Ion Ratio Lower Upper
43 100
58 57.0 34.1 102.2



#60
Dibromochloromethane
Concen: 23.284 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 129 Resp: 31303
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 21.988 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

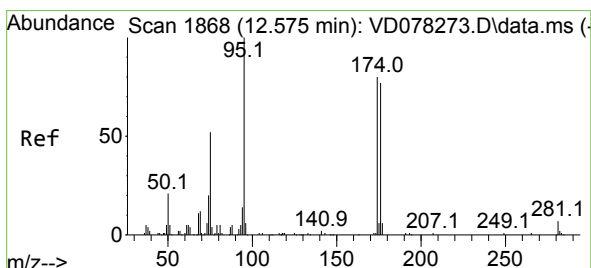
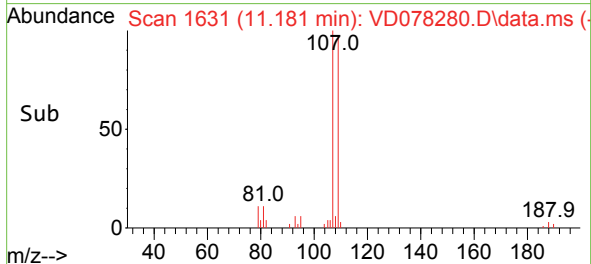
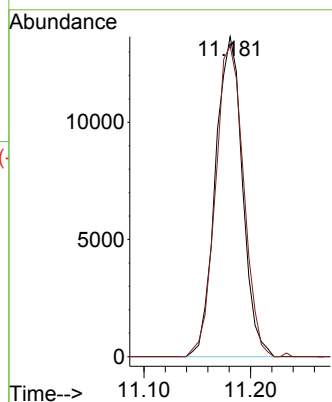
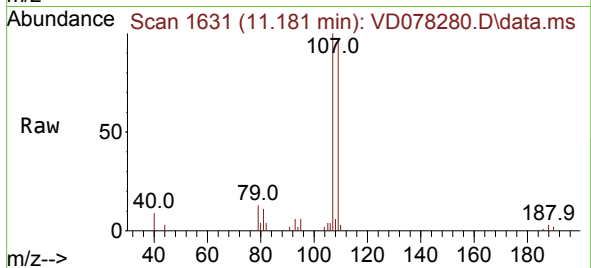
VD0130SBSD01

Tgt Ion:107 Resp: 24043

Ion Ratio Lower Upper

107 100

109 100.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.934 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

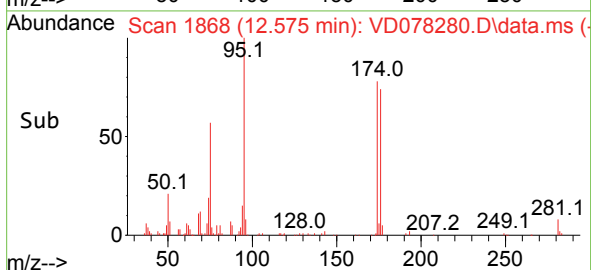
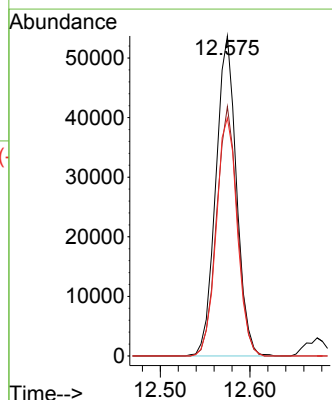
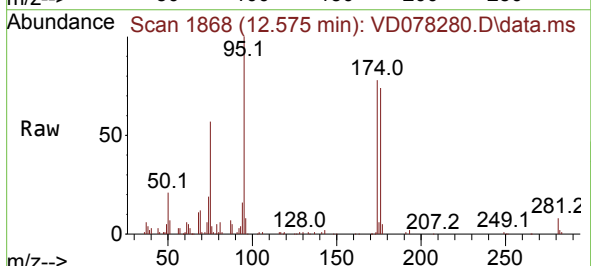
Tgt Ion: 95 Resp: 85750

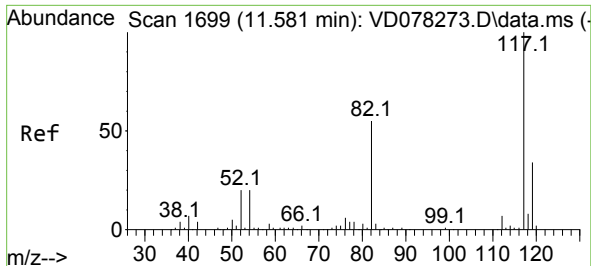
Ion Ratio Lower Upper

95 100

174 78.5 0.0 201.8

176 75.9 0.0 191.8

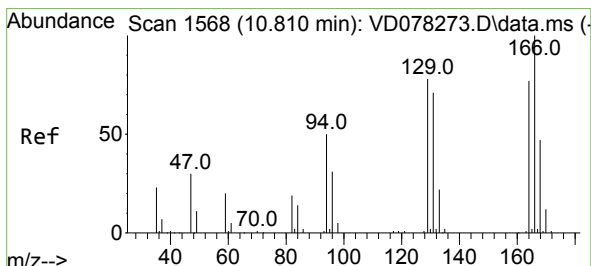
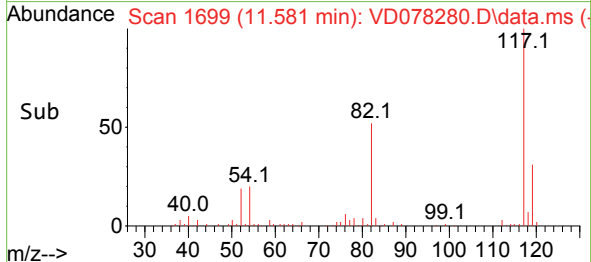
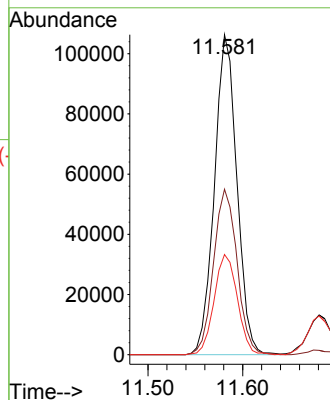
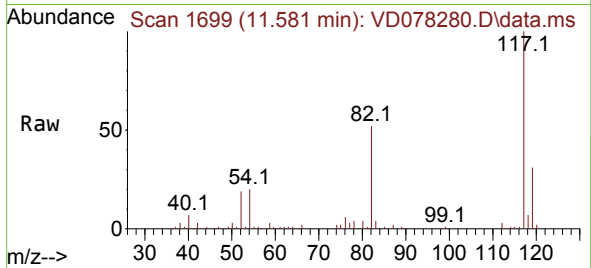




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

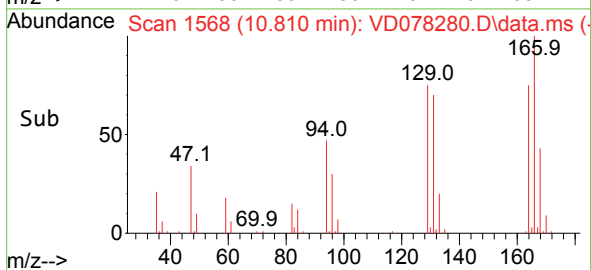
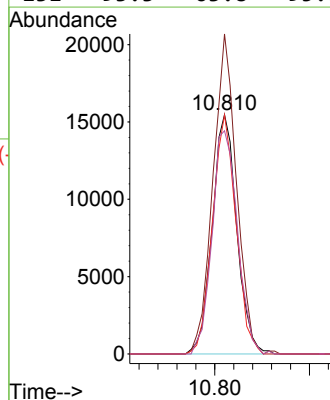
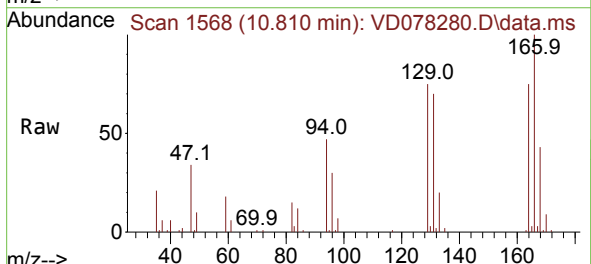
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

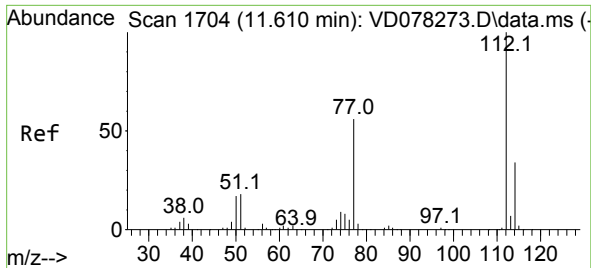
Tgt Ion:117 Resp: 175374
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 22.702 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:164 Resp: 27769
Ion Ratio Lower Upper
164 100
166 133.7 99.2 148.8
129 99.9 68.4 102.6
131 93.3 63.8 95.8

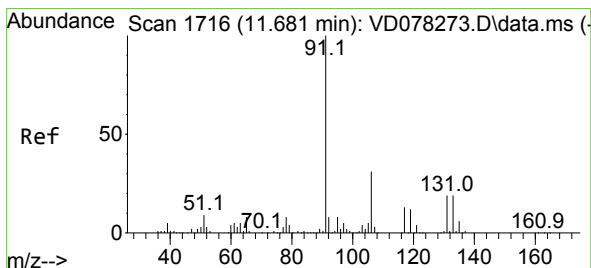
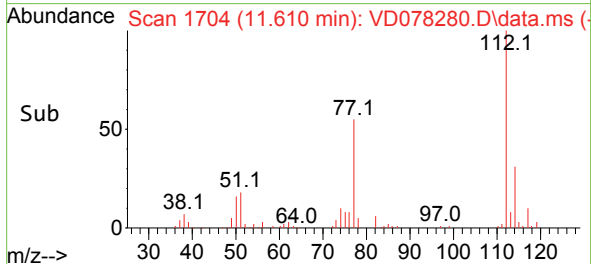
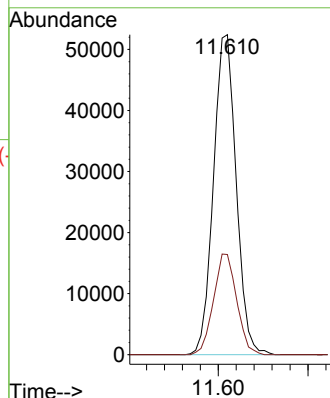
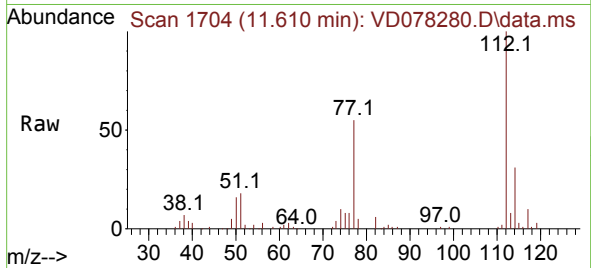




#65
Chlorobenzene
Concen: 21.920 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

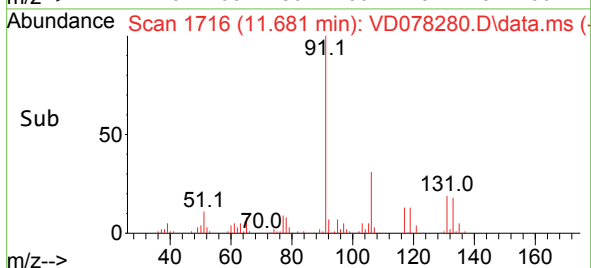
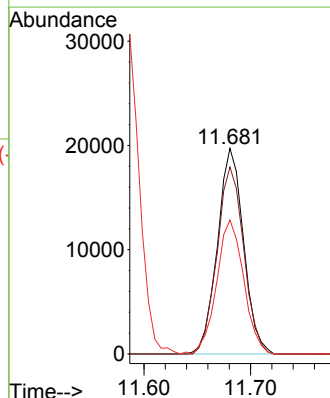
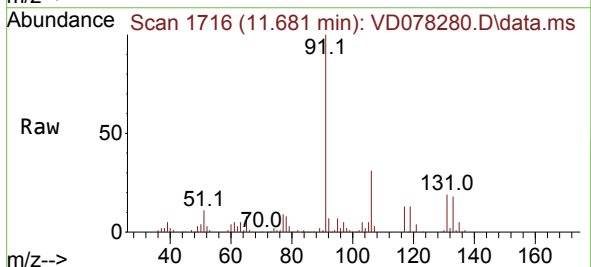
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

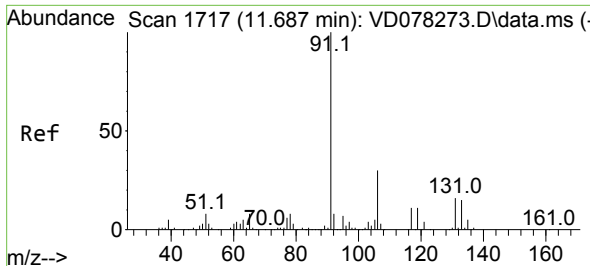
Tgt Ion:112 Resp: 91971
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.479 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:131 Resp: 33580
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 67.5 35.6 106.9

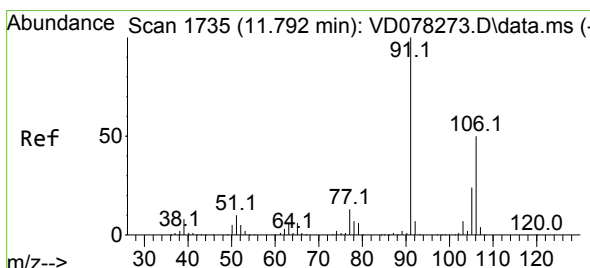
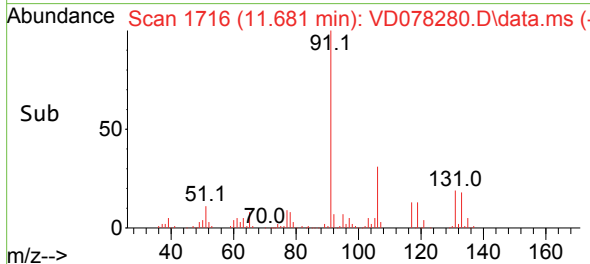
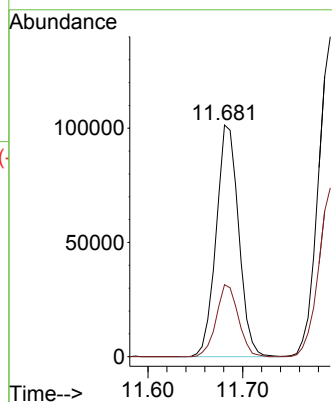
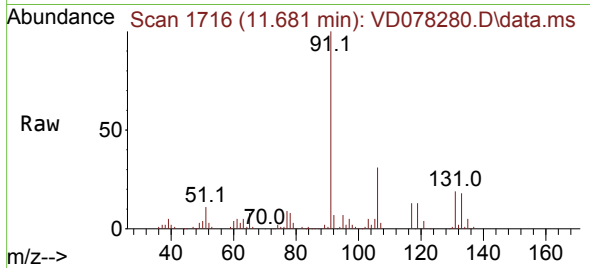




#67
Ethyl Benzene
Concen: 22.017 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

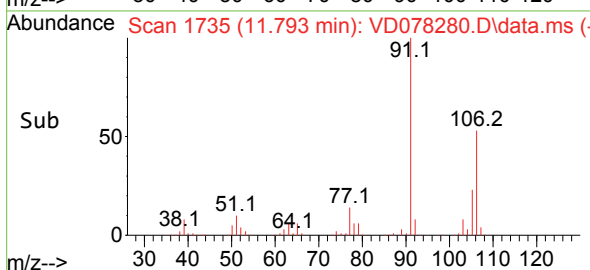
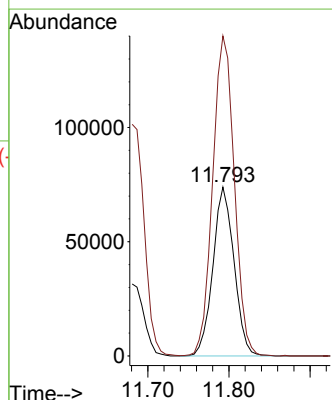
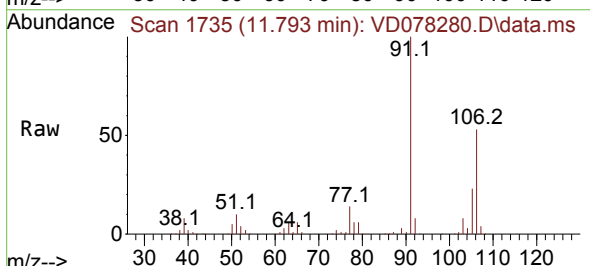
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

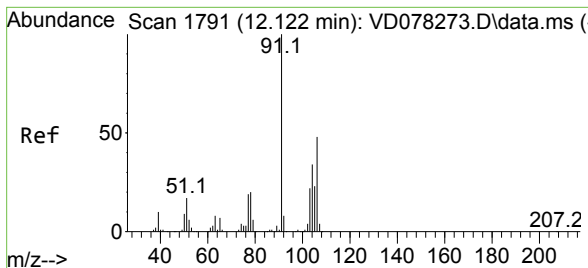
Tgt Ion: 91 Resp: 167333
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 45.747 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:106 Resp: 133761
Ion Ratio Lower Upper
106 100
91 194.1 147.0 220.6

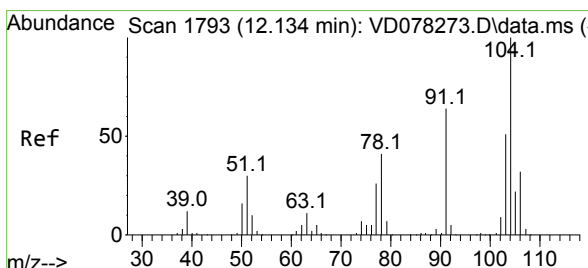
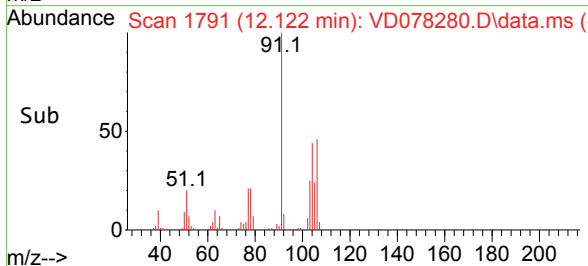
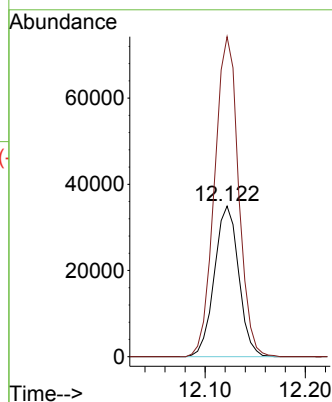
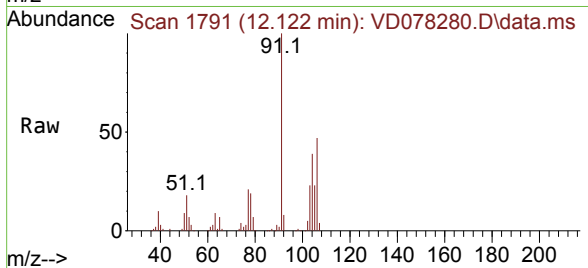




#69
o-Xylene
Concen: 21.876 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

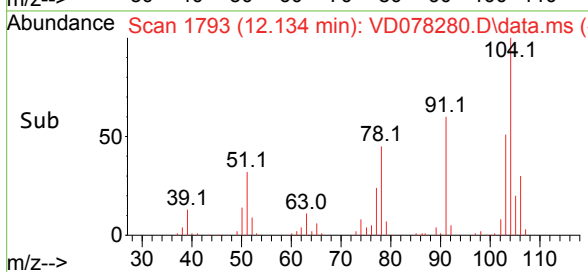
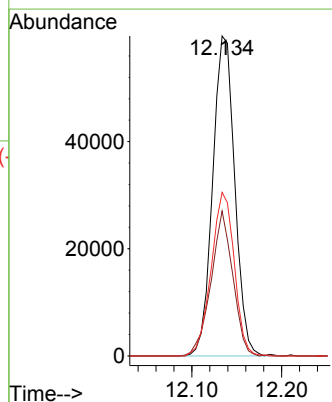
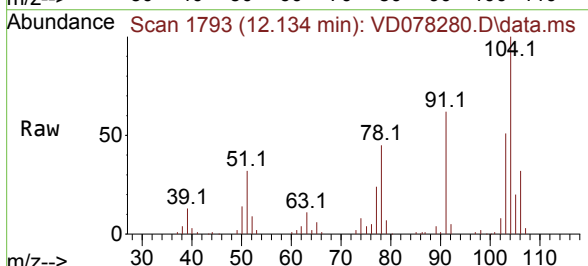
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

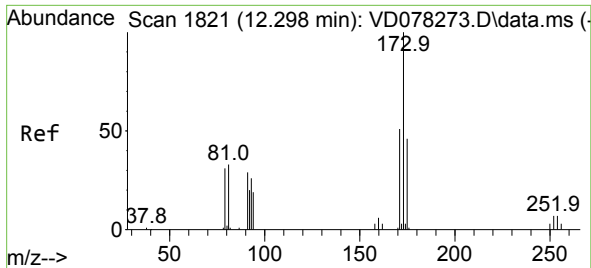
Tgt Ion:106 Resp: 58784
Ion Ratio Lower Upper
106 100
91 210.4 97.9 293.6



#70
Styrene
Concen: 22.234 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:104 Resp: 102031
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 53.5 43.6 65.4

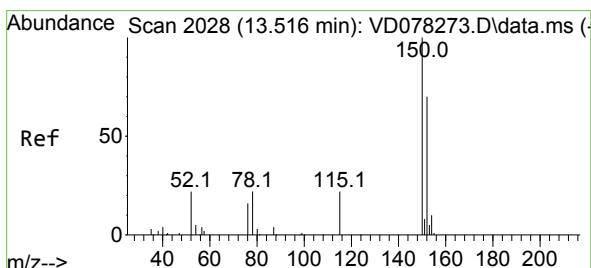
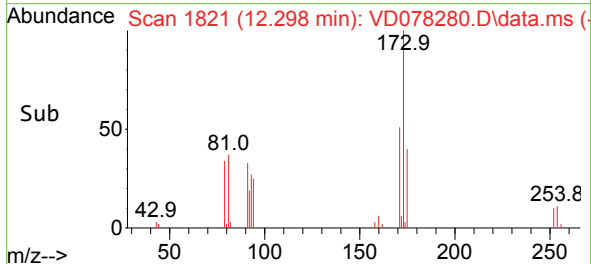
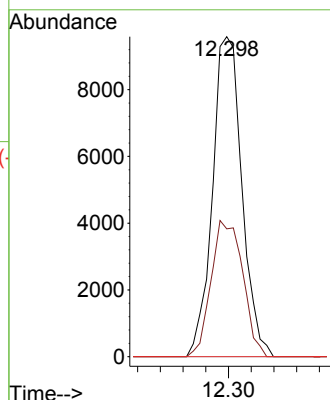
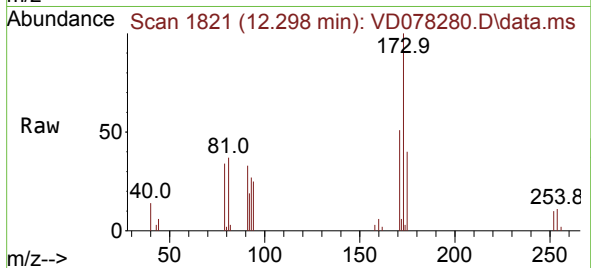




#71
Bromoform
Concen: 23.408 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

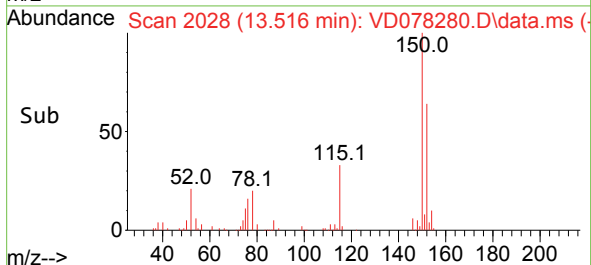
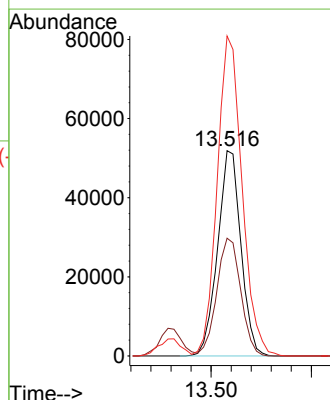
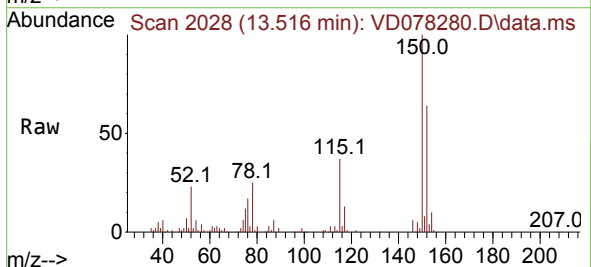
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

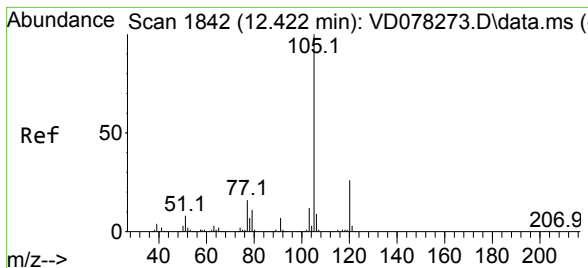
Tgt Ion:173 Resp: 17222
Ion Ratio Lower Upper
173 100
175 45.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:152 Resp: 83372
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 166.6 0.0 353.6





#73

Isopropylbenzene

Concen: 22.059 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

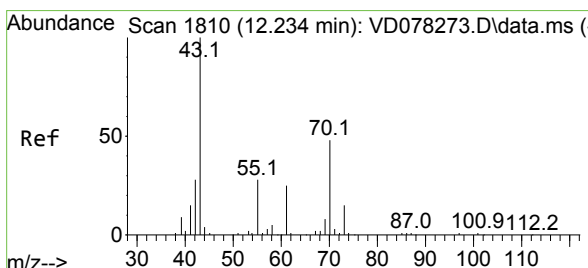
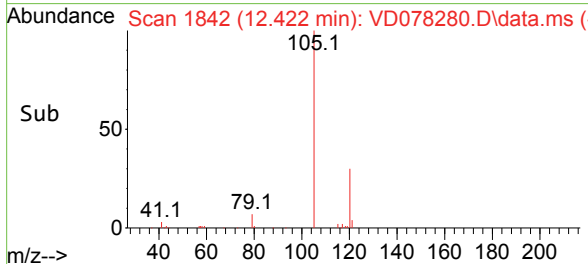
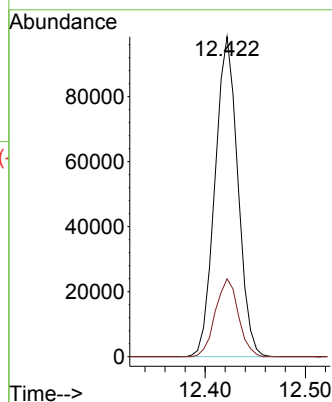
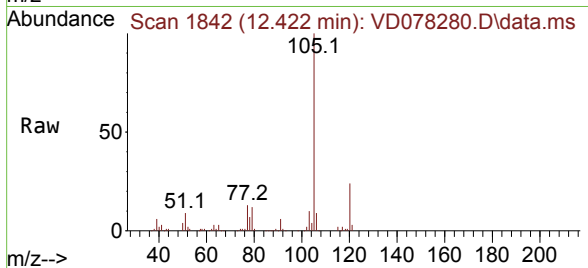
VD0130SBSD01

Tgt Ion:105 Resp: 155604

Ion Ratio Lower Upper

105 100

120 24.5 14.3 42.9



#74

N-ethyl acetate

Concen: 23.026 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Tgt Ion: 43 Resp: 33593

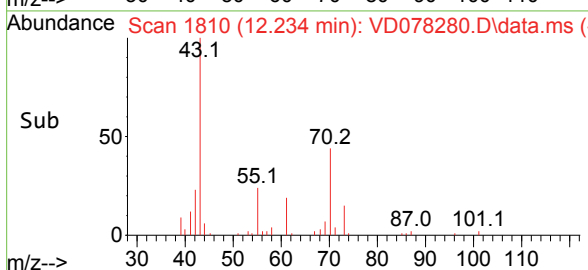
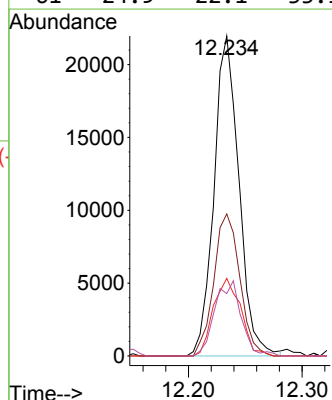
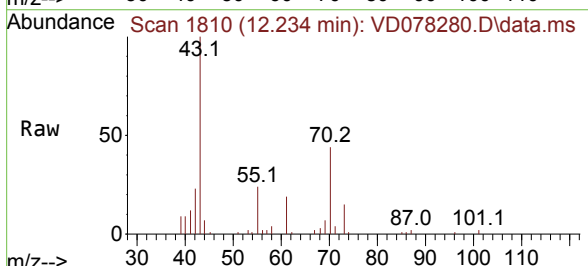
Ion Ratio Lower Upper

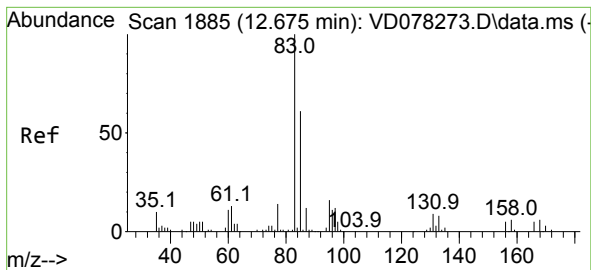
43 100

70 46.2 45.0 67.4

55 26.7 23.8 35.6

61 24.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.520 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

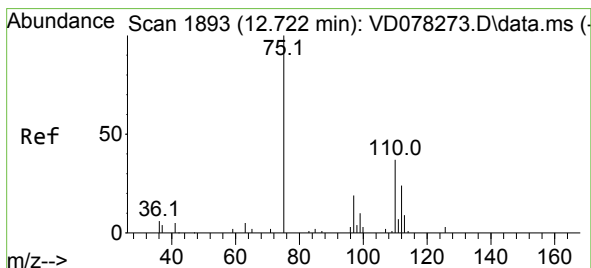
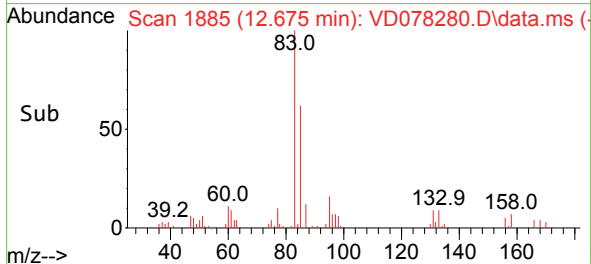
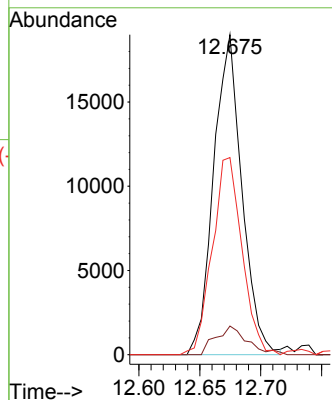
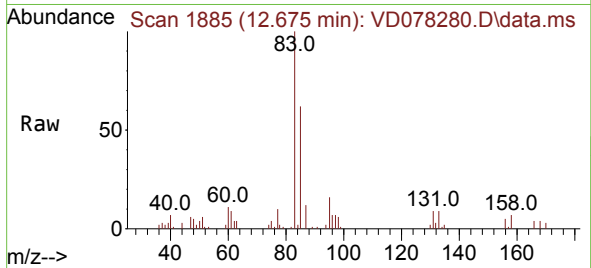
Tgt Ion: 83 Resp: 30678

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.394 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078280.D

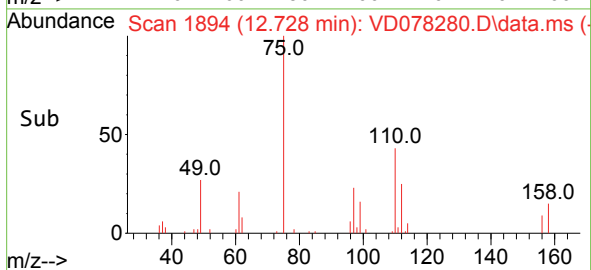
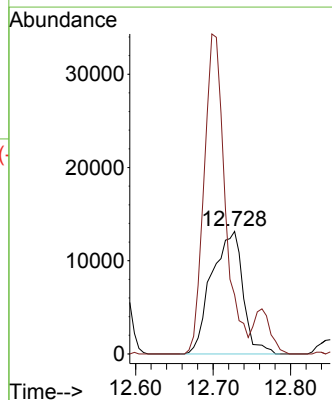
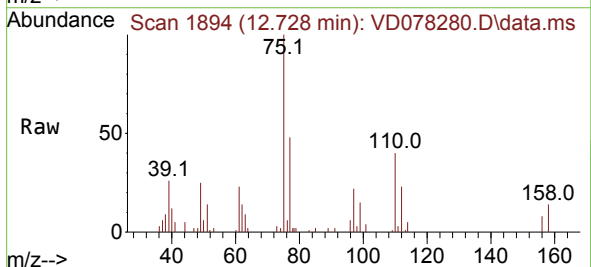
Acq: 30 Jan 2024 15:42

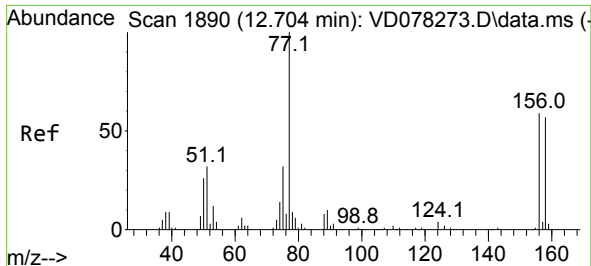
Tgt Ion: 75 Resp: 36942

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

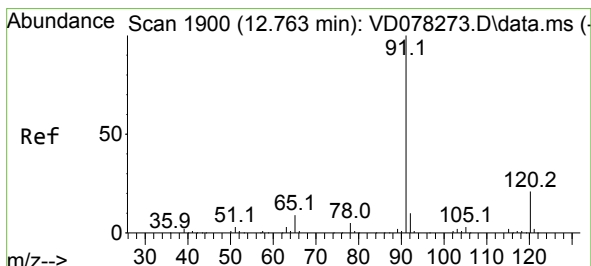
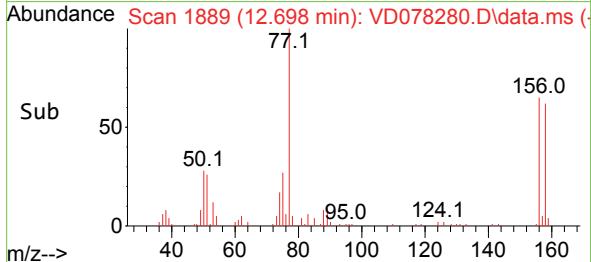
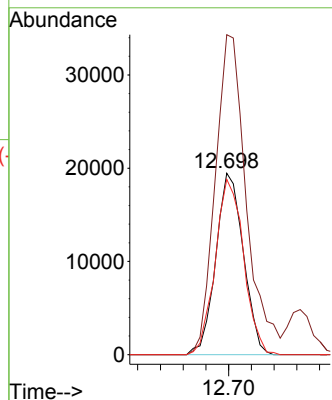
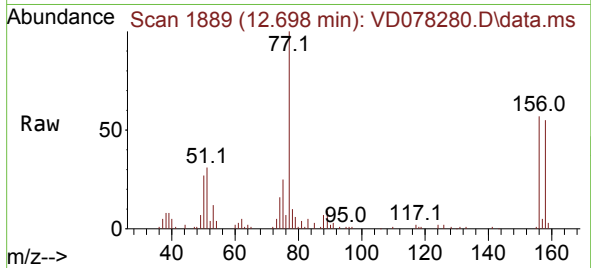




#77
Bromobenzene
Concen: 21.162 ug/l
RT: 12.698 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

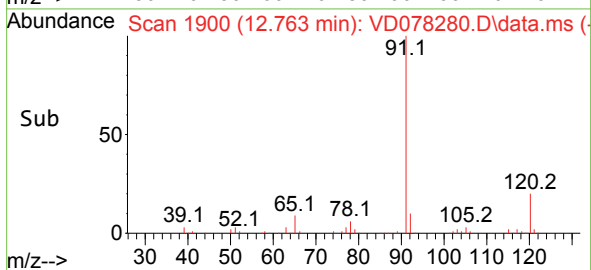
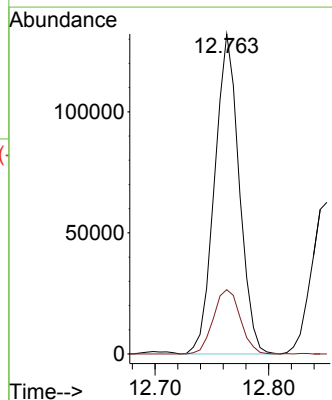
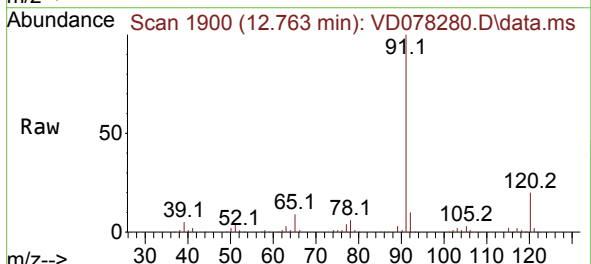
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

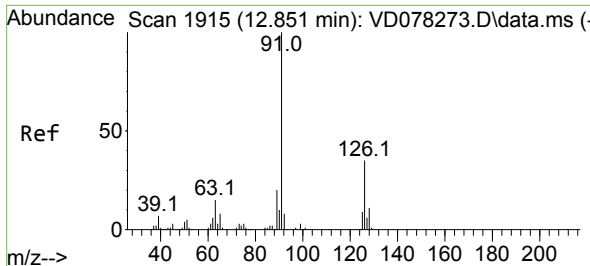
Tgt Ion:156 Resp: 32849
Ion Ratio Lower Upper
156 100
77 198.0 76.8 230.4
158 99.7 48.6 145.9



#78
n-propylbenzene
Concen: 22.597 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 91 Resp: 198565
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2

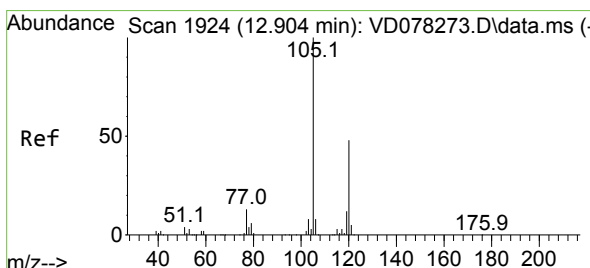
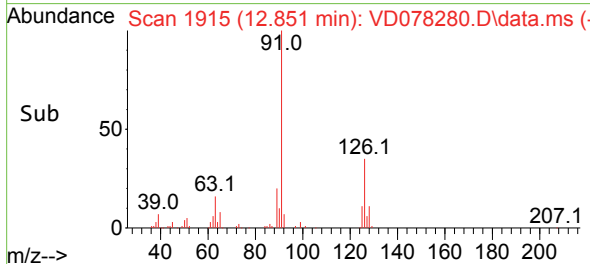
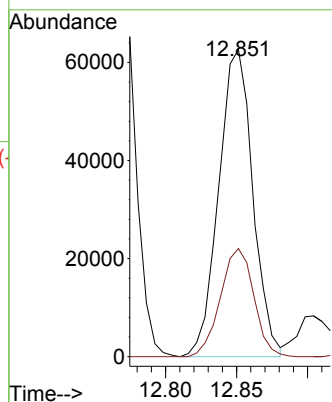
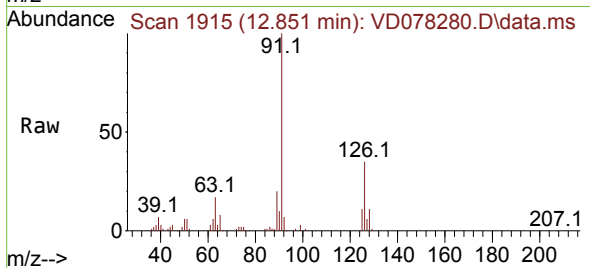




#79
2-Chlorotoluene
Concen: 22.204 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

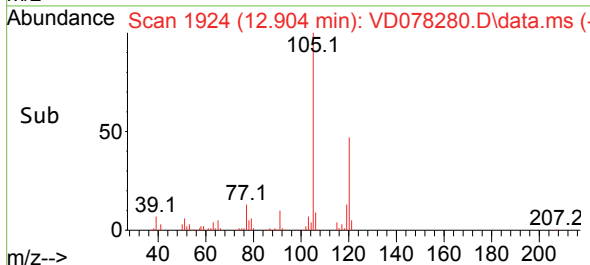
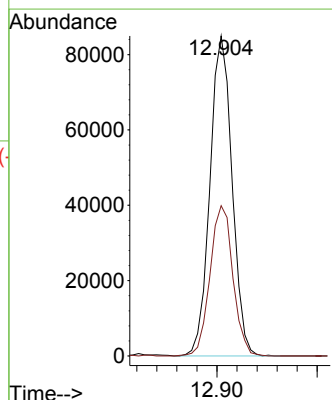
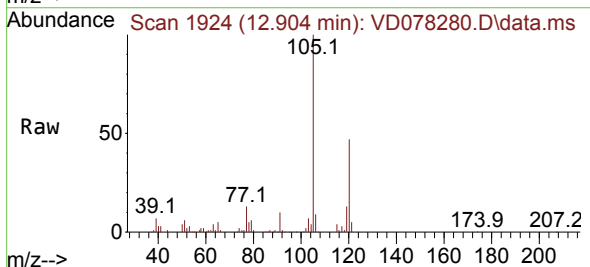
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

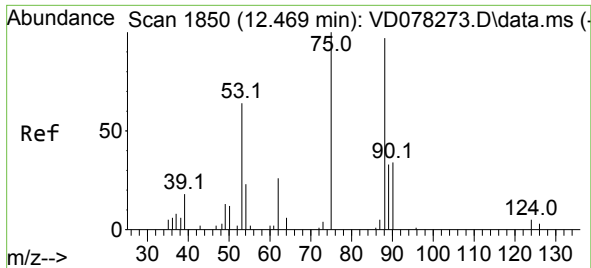
Tgt Ion: 91 Resp: 104444
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.655 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 105 Resp: 130006
Ion Ratio Lower Upper
105 100
120 48.6 26.4 79.2

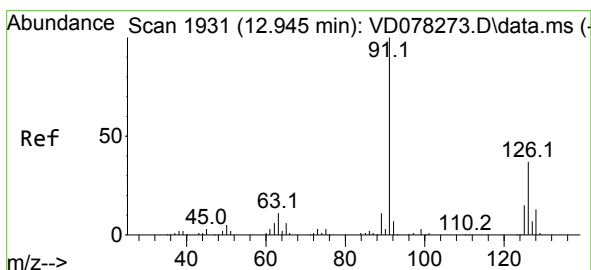
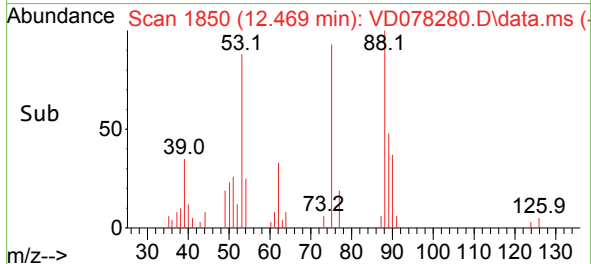
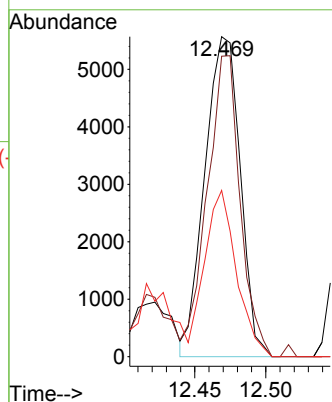
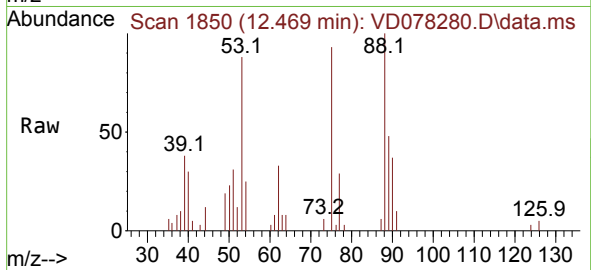




#81
trans-1,4-Dichloro-2-butene
Concen: 21.990 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

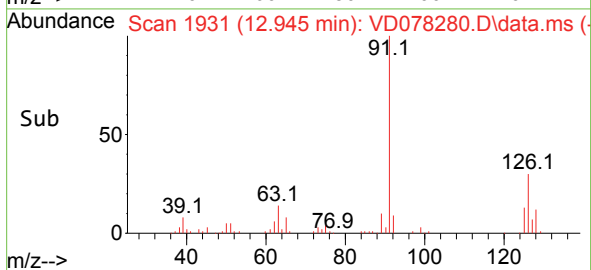
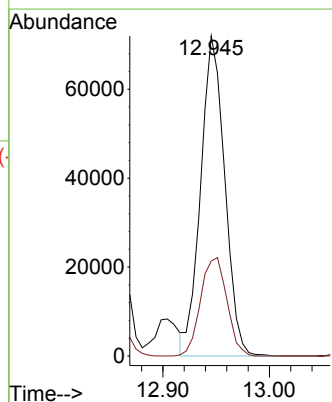
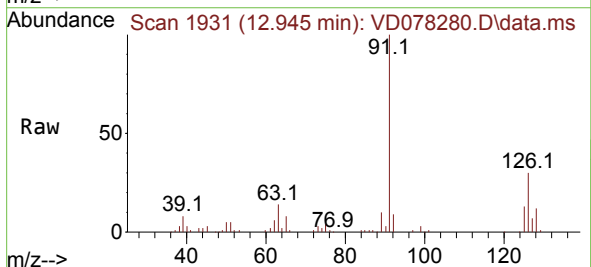
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

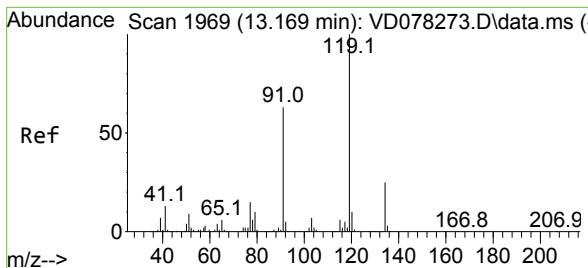
Tgt Ion:	75	Resp:	9635
Ion	Ratio	Lower	Upper
75	100		
53	87.8	63.0	94.4
89	46.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 22.625 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:	91	Resp:	113460
Ion	Ratio	Lower	Upper
91	100		
126	33.5	19.4	58.4

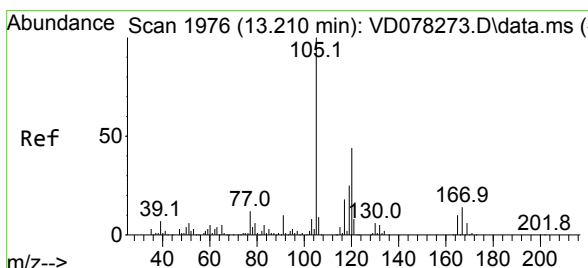
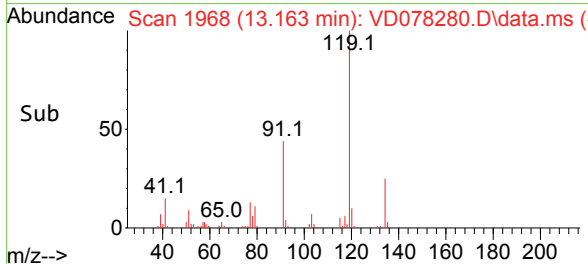
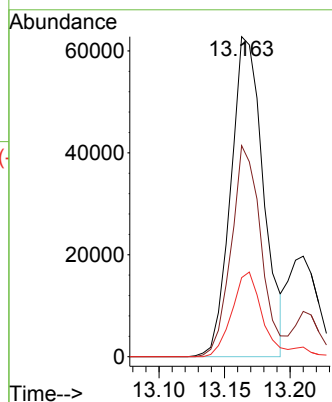
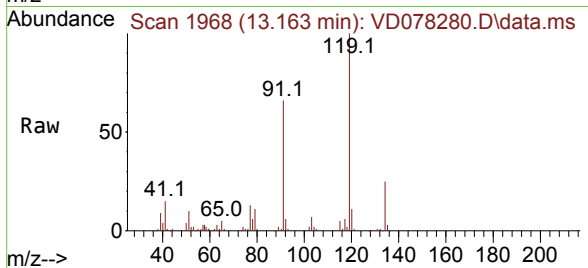




#83
tert-Butylbenzene
Concen: 22.201 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

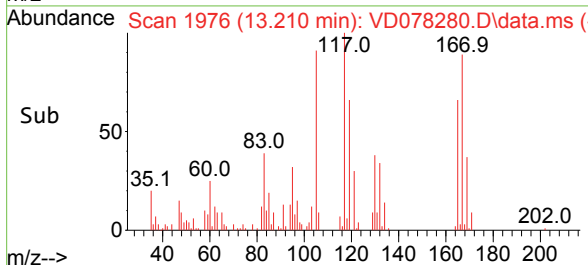
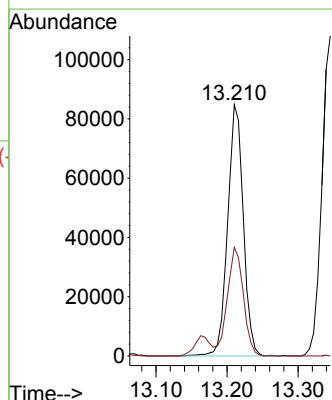
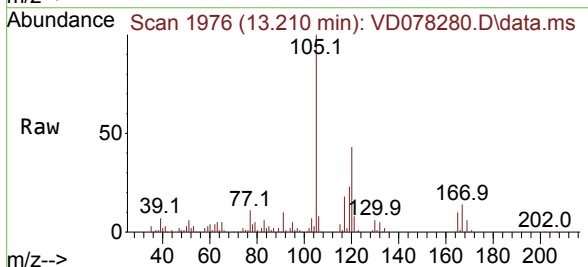
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

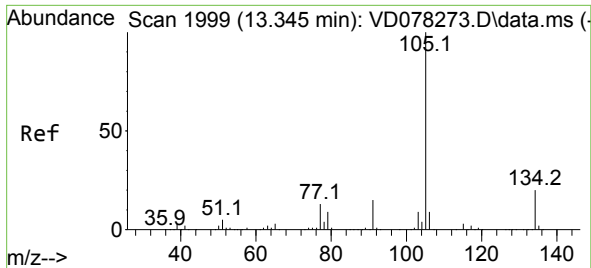
Tgt Ion:119 Resp: 108711
Ion Ratio Lower Upper
119 100
91 61.2 29.3 87.8
134 26.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 22.302 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion:105 Resp: 129483
Ion Ratio Lower Upper
105 100
120 44.4 24.3 72.9

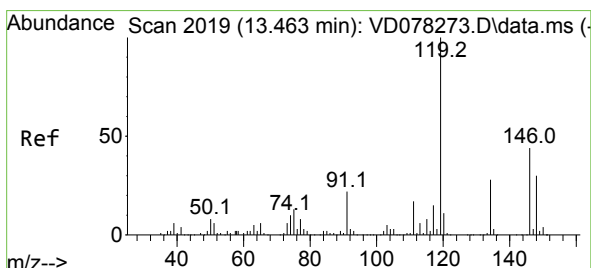
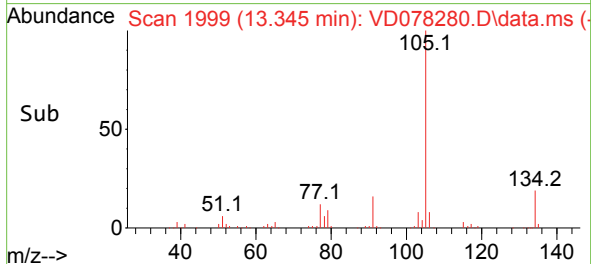
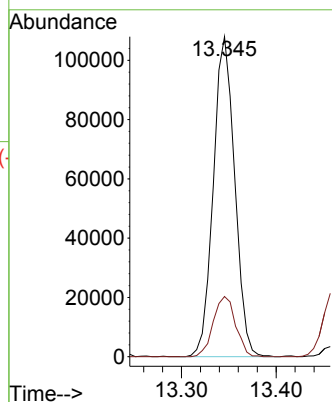
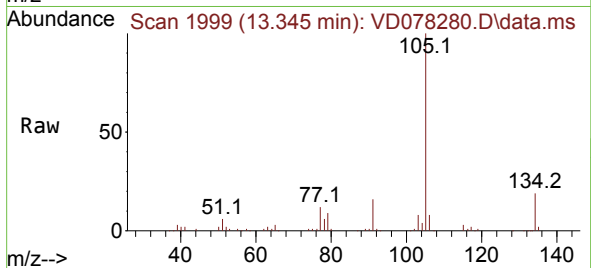




#85
 sec-Butylbenzene
 Concen: 22.017 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

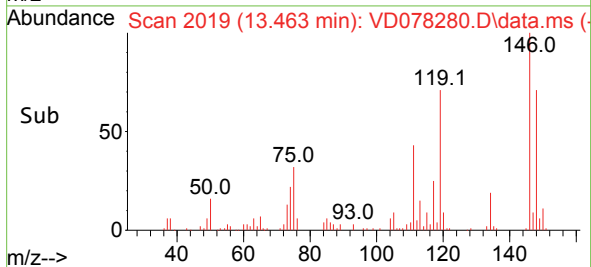
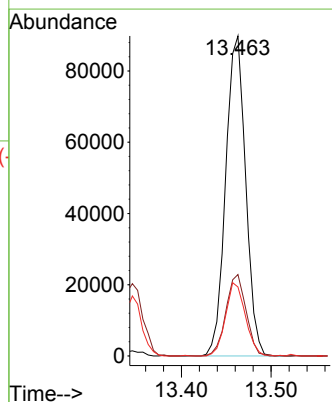
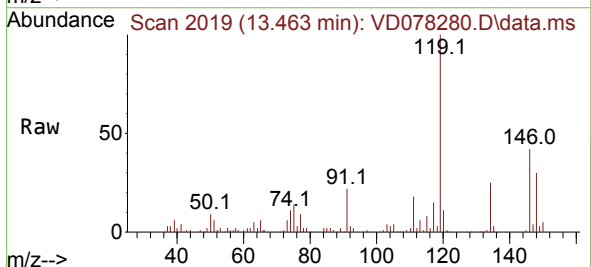
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

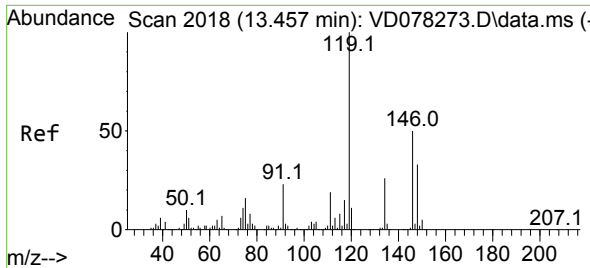
Tgt Ion:105 Resp: 169197
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 22.051 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion:119 Resp: 138798
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.8 10.5 31.5

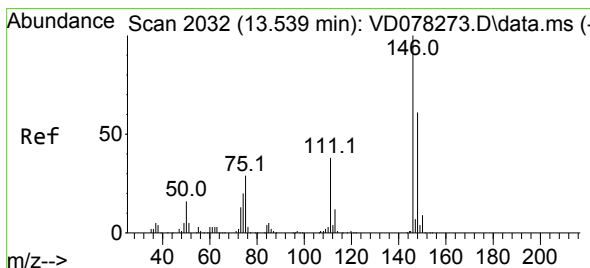
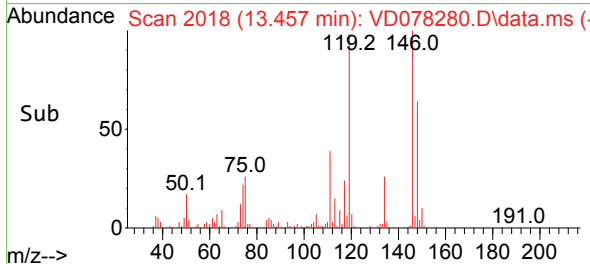
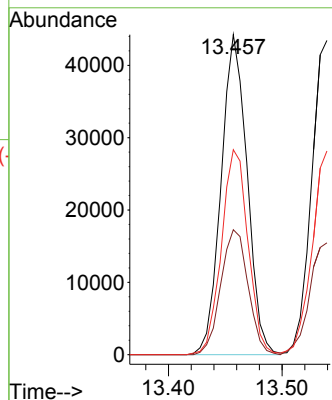
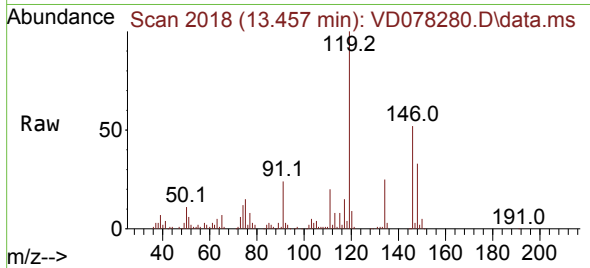




#87
 1,3-Dichlorobenzene
 Concen: 21.817 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

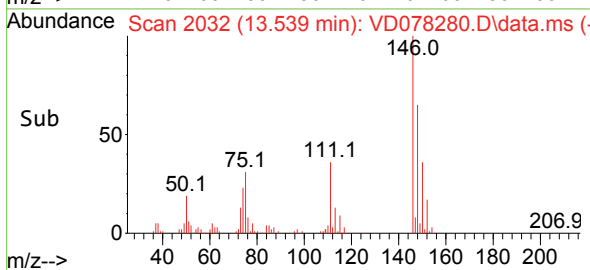
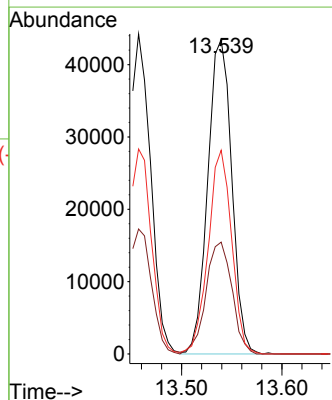
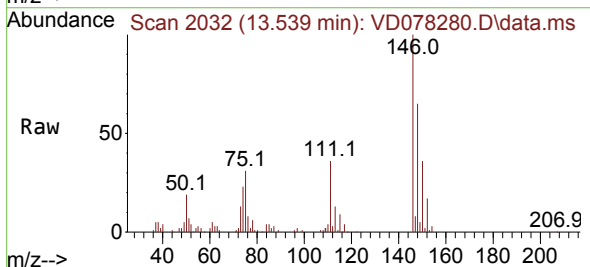
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

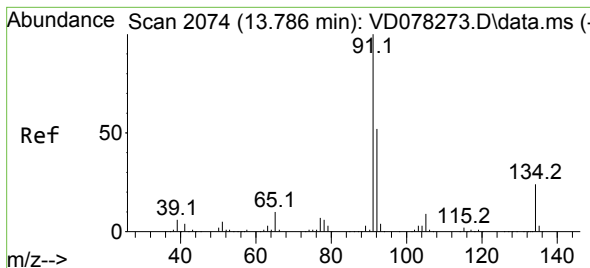
Tgt Ion:146 Resp: 70357
 Ion Ratio Lower Upper
 146 100
 111 40.9 17.9 53.8
 148 65.4 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 22.682 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion:146 Resp: 72372
 Ion Ratio Lower Upper
 146 100
 111 38.6 17.4 52.3
 148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 22.242 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078280.D

Acq: 30 Jan 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

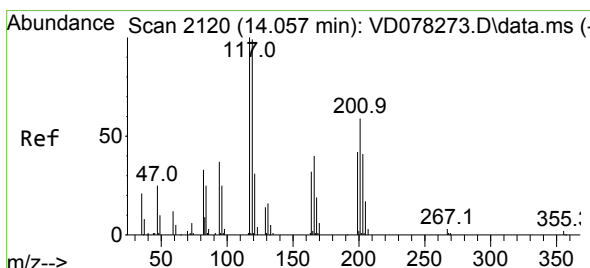
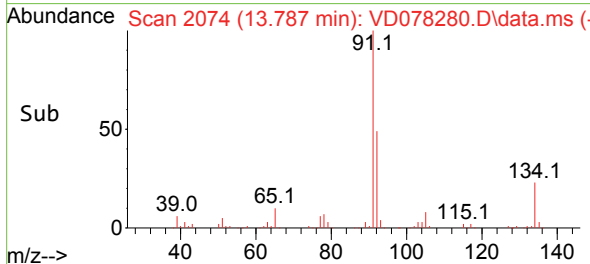
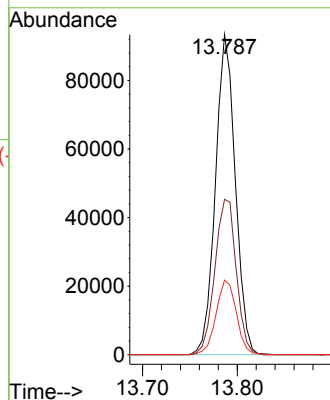
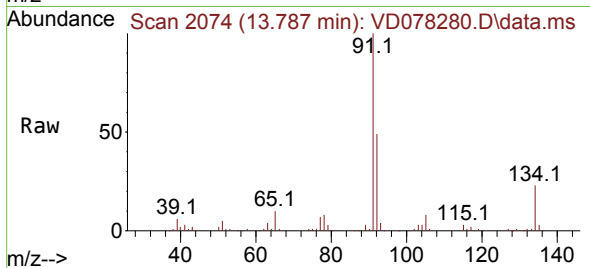
Tgt Ion: 91 Resp: 136425

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 23.8 13.8 41.3



#90

Hexachloroethane

Concen: 21.781 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078280.D

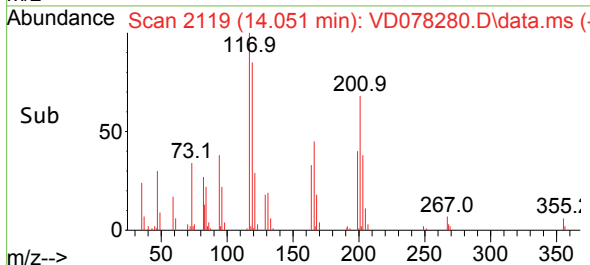
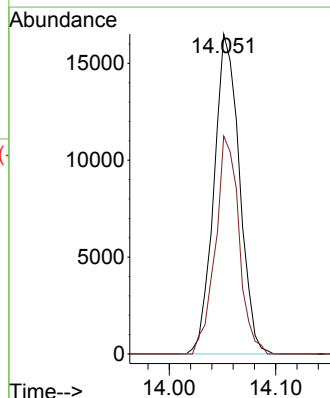
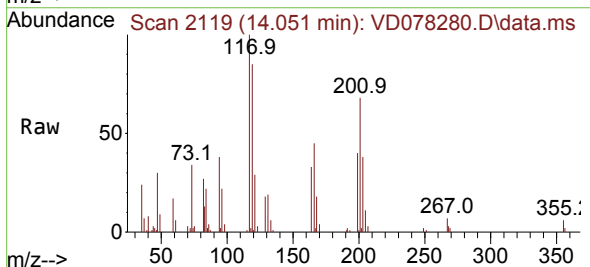
Acq: 30 Jan 2024 15:42

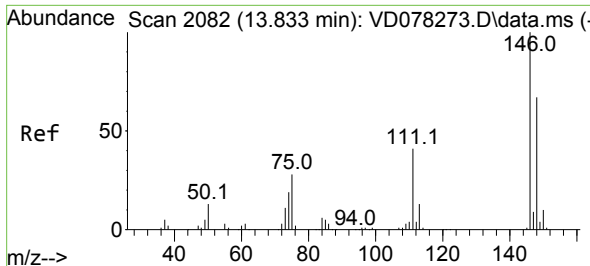
Tgt Ion: 117 Resp: 27384

Ion Ratio Lower Upper

117 100

201 63.2 38.5 115.5

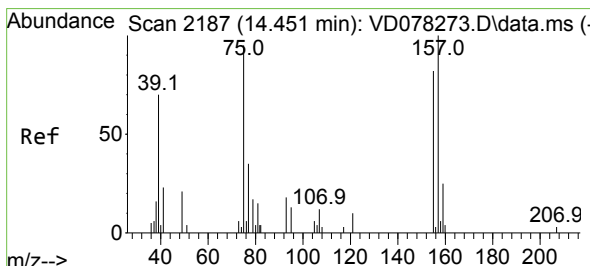
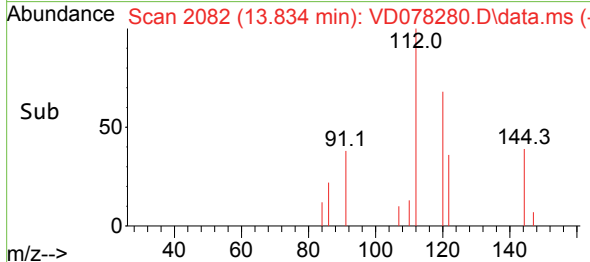
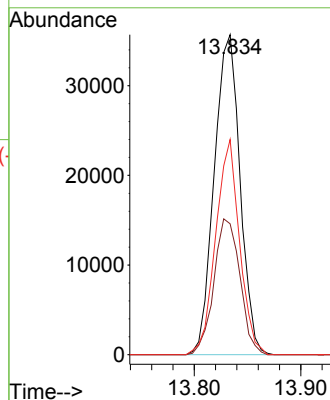
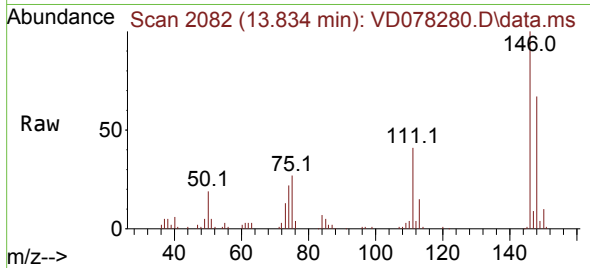




#91
1,2-Dichlorobenzene
Concen: 21.732 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

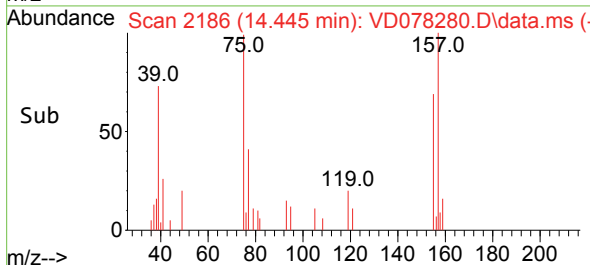
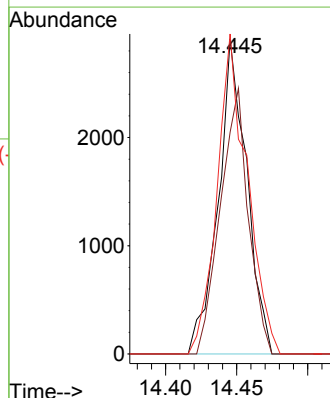
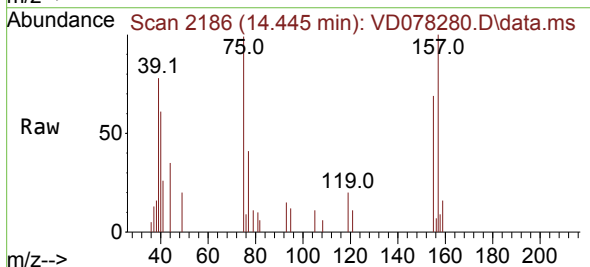
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

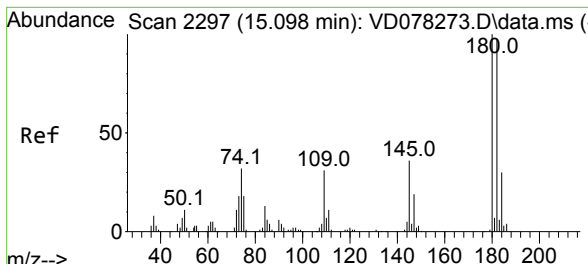
Tgt Ion:146 Resp: 59956
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.8
148 62.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.193 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078280.D
Acq: 30 Jan 2024 15:42

Tgt Ion: 75 Resp: 4047
Ion Ratio Lower Upper
75 100
155 83.2 47.9 143.8
157 107.5 59.9 179.7

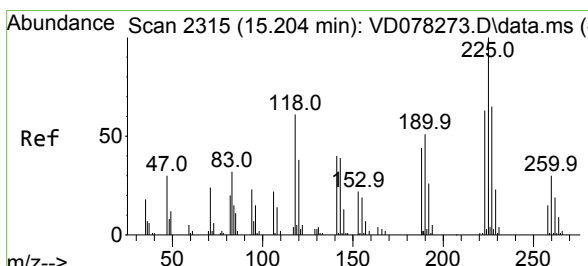
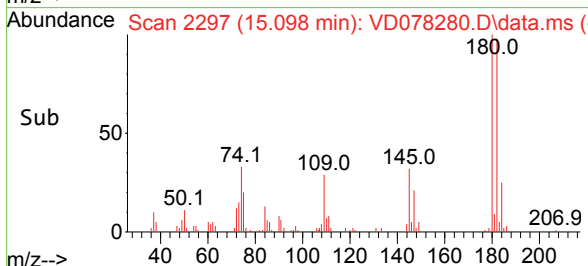
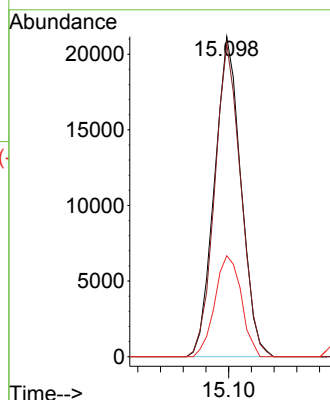
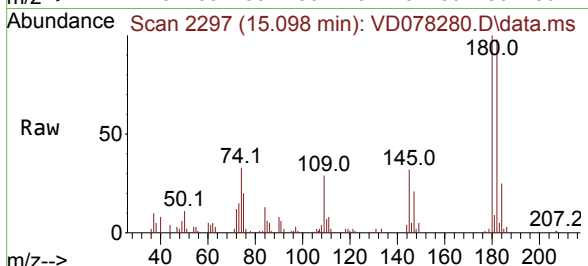




#93
 1,2,4-Trichlorobenzene
 Concen: 21.409 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

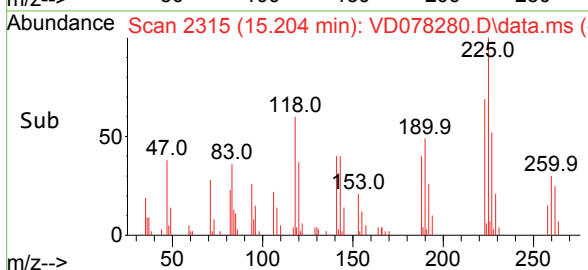
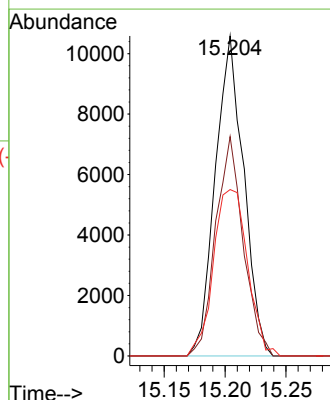
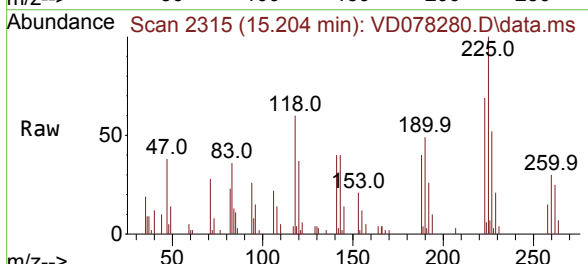
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

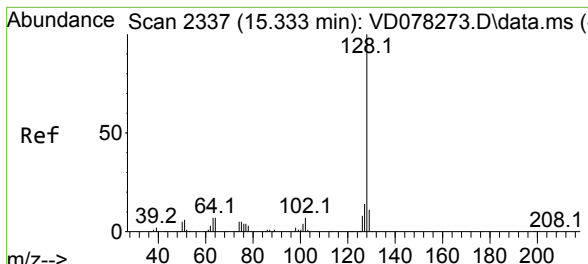
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.5	145.6
145	31.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 21.969 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.6	94.8
227	62.6	31.7	95.1

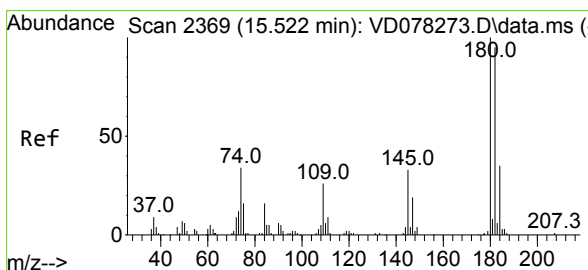
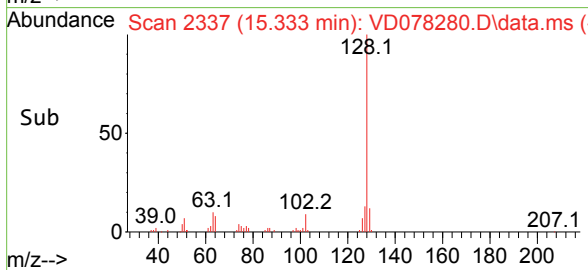
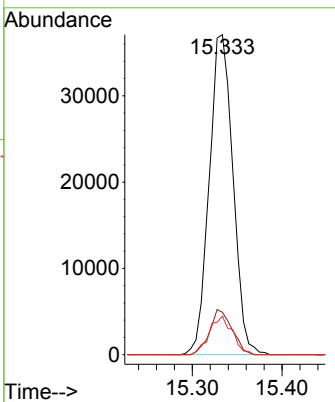
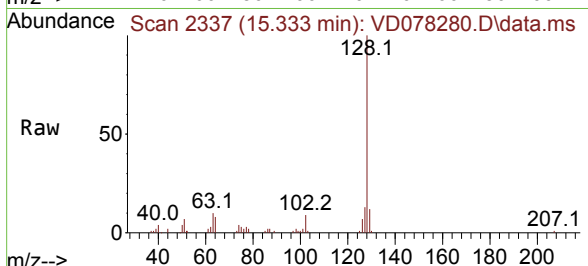




#95
 Naphthalene
 Concen: 21.415 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Instrument : MSVOA_D
 ClientSampleId : VD0130SBSD01

Tgt Ion:	128	Resp:	68138
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	12.0	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 22.220 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078280.D
 Acq: 30 Jan 2024 15:42

Tgt Ion:	180	Resp:	31221
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.9
145	31.2	15.1	45.3

