

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078100.D
 Acq On : 29 Dec 2023 10:56
 Operator : RP/MD
 Sample : VD1229SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

Quant Time: Dec 29 22:31:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	229455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	114439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73793	57.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.880%
35) Dibromofluoromethane	7.804	113	82202	55.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.360%
50) Toluene-d8	10.269	98	294775	56.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.480%
62) 4-Bromofluorobenzene	12.575	95	95211	56.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	27412	22.347	ug/l	98
3) Chloromethane	2.152	50	34245	20.243	ug/l	99
4) Vinyl Chloride	2.287	62	52805	20.709	ug/l	97
5) Bromomethane	2.693	94	35580	17.403	ug/l	98
6) Chloroethane	2.840	64	40275	21.494	ug/l	97
7) Trichlorofluoromethane	3.181	101	54082	22.036	ug/l	94
8) Diethyl Ether	3.599	74	15271	22.691	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	31887	20.859	ug/l	95
10) Methyl Iodide	4.169	142	26293	18.304	ug/l	92
11) Tert butyl alcohol	5.040	59	4019	46.312	ug/l	99
12) 1,1-Dichloroethene	3.946	96	28837	21.320	ug/l	89
13) Acrolein	3.799	56	7162	106.778	ug/l	90
14) Allyl chloride	4.557	41	33470	20.472	ug/l	90
15) Acrylonitrile	5.263	53	32890	116.828	ug/l	98
16) Acetone	4.022	43	44546	161.790	ug/l	# 84
17) Carbon Disulfide	4.275	76	61182	18.307	ug/l	# 94
18) Methyl Acetate	4.569	43	22811	21.855	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	69174	23.107	ug/l	94
20) Methylene Chloride	4.799	84	40001	23.975	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	32911	21.167	ug/l	86
22) Diisopropyl ether	6.216	45	82277	22.531	ug/l	# 90
23) Vinyl Acetate	6.157	43	195381	139.947	ug/l	98
24) 1,1-Dichloroethane	6.104	63	59046	21.849	ug/l	97
25) 2-Butanone	7.087	43	48042	136.794	ug/l	88
26) 2,2-Dichloropropane	7.075	77	52069	21.446	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	38704	20.982	ug/l	91
28) Bromochloromethane	7.428	49	18691	19.332	ug/l	92
29) Tetrahydrofuran	7.446	42	21361	108.352	ug/l	99
30) Chloroform	7.598	83	66385	22.667	ug/l	95
31) Cyclohexane	7.875	56	41503	20.429	ug/l	96
32) 1,1,1-Trichloroethane	7.798	97	56017	22.256	ug/l	99
36) 1,1-Dichloropropene	8.004	75	43668	21.021	ug/l	98
37) Ethyl Acetate	7.163	43	17048	24.675	ug/l	94
38) Carbon Tetrachloride	7.993	117	50700	22.523	ug/l	95
39) Methylcyclohexane	9.275	83	47487	19.939	ug/l	98
40) Benzene	8.251	78	132045	22.054	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7755	17.742	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	36399	22.496	ug/l	97
43) Isopropyl Acetate	8.363	43	32198	23.278	ug/l	96
44) Trichloroethene	9.028	130	38235	22.197	ug/l	100
45) 1,2-Dichloropropane	9.304	63	33975	22.394	ug/l	97
46) Dibromomethane	9.398	93	19526	22.979	ug/l	98
47) Bromodichloromethane	9.587	83	51200	23.196	ug/l #	90
48) Methyl methacrylate	9.381	41	16786	21.533	ug/l #	88
49) 1,4-Dioxane	9.387	88	4111	511.775	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	84398	118.912	ug/l	92
52) Toluene	10.334	92	86531	22.283	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	46324	23.132	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	52999	22.038	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	29335	24.532	ug/l	86
56) Ethyl methacrylate	10.598	69	21493	22.649	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	44860	22.834	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	43353	105.521	ug/l	98
59) 2-Hexanone	10.922	43	71289	129.308	ug/l	89
60) Dibromochloromethane	11.075	129	36263	23.805	ug/l	96
61) 1,2-Dibromoethane	11.187	107	26633	23.232	ug/l	96
64) Tetrachloroethene	10.810	164	30903	21.456	ug/l	96
65) Chlorobenzene	11.610	112	100610	22.218	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	39395	22.985	ug/l	92
67) Ethyl Benzene	11.687	91	165497	20.963	ug/l	99
68) m/p-Xylenes	11.792	106	128474	41.815	ug/l	92
69) o-Xylene	12.122	106	60842	21.247	ug/l	97
70) Styrene	12.139	104	92569	21.895	ug/l	95
71) Bromoform	12.298	173	22080	23.351	ug/l #	100
73) Isopropylbenzene	12.422	105	160295	20.337	ug/l	98
74) N-amyl acetate	12.234	43	28778	21.993	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	32574	22.739	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	37525	38.867	ug/l #	100
77) Bromobenzene	12.704	156	41626	21.709	ug/l	96
78) n-propylbenzene	12.763	91	198253	20.896	ug/l	98
79) 2-Chlorotoluene	12.851	91	107820	21.010	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	138668	21.270	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	9181	20.490	ug/l	88
82) 4-Chlorotoluene	12.945	91	111759	20.313	ug/l	99
83) tert-Butylbenzene	13.169	119	121212	20.756	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	137144	20.653	ug/l	98
85) sec-Butylbenzene	13.345	105	172352	20.671	ug/l	97
86) p-Isopropyltoluene	13.463	119	156228	20.938	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	84494	21.298	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	83571	21.478	ug/l	96
89) n-Butylbenzene	13.786	91	143726	20.985	ug/l	99
90) Hexachloroethane	14.051	117	31998	21.451	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	73168	21.475	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5120	25.519	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	46871	21.071	ug/l	99
94) Hexachlorobutadiene	15.204	225	26722	21.381	ug/l	98
95) Naphthalene	15.333	128	82308	21.735	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	42457	22.494	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

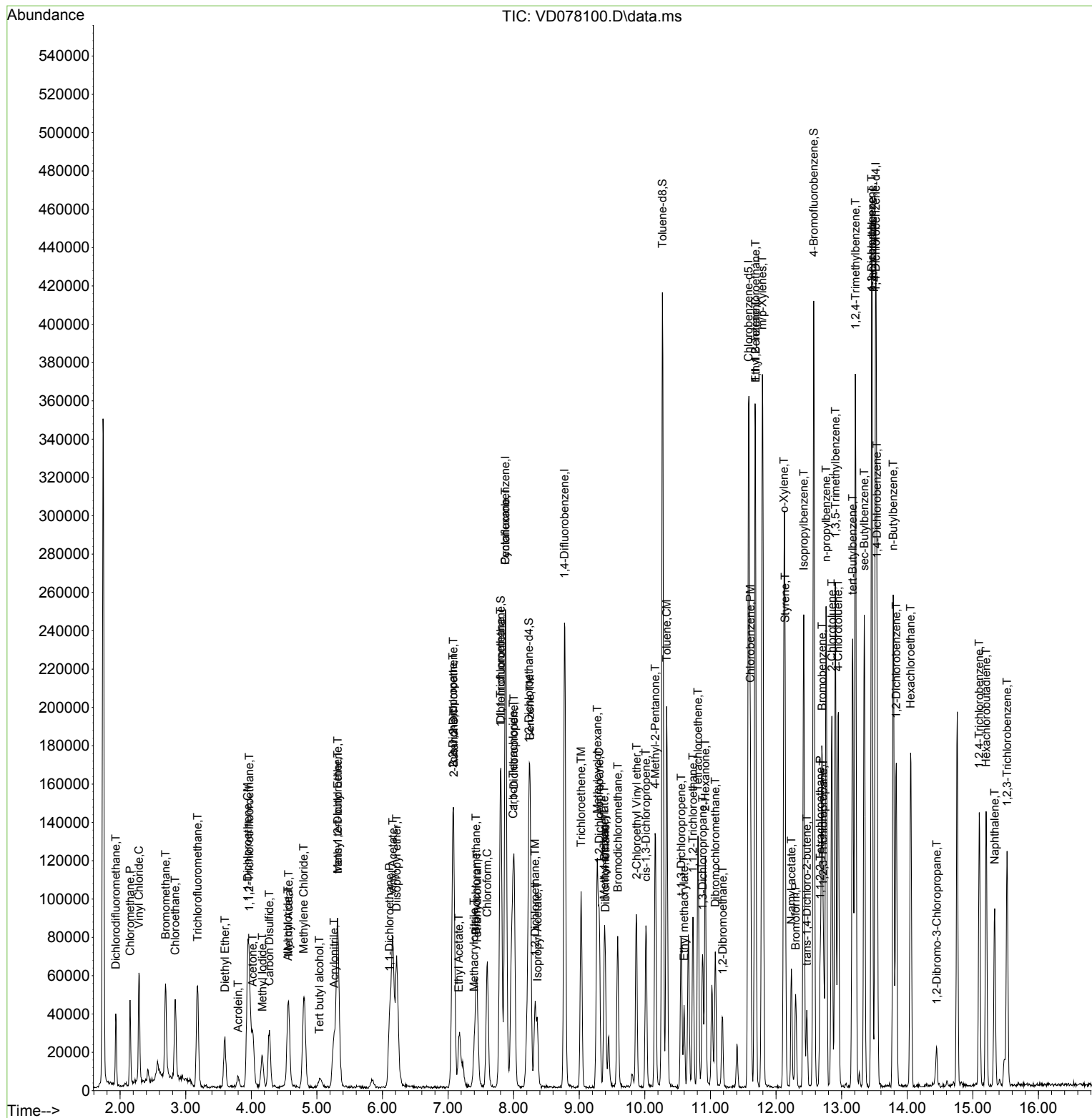
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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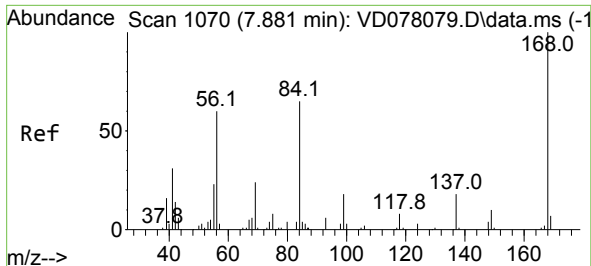
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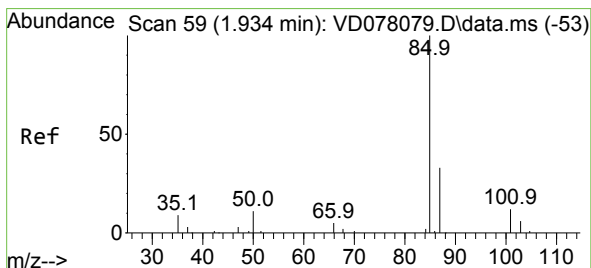
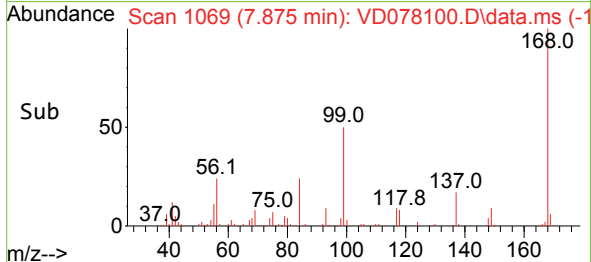
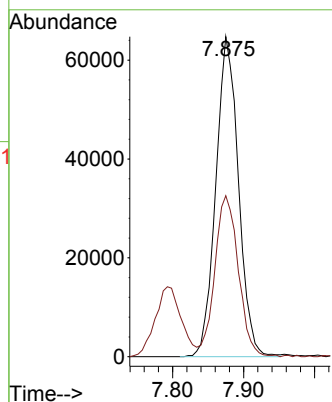
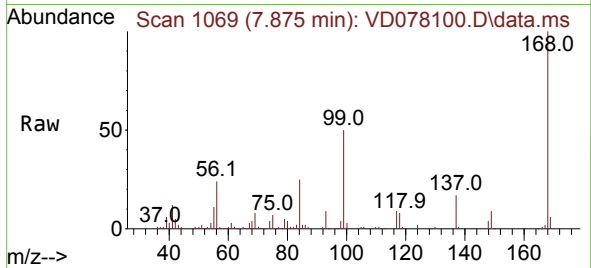




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078100.D
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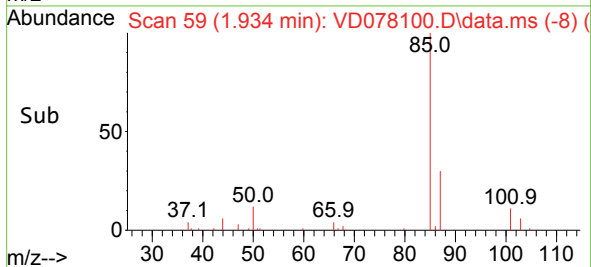
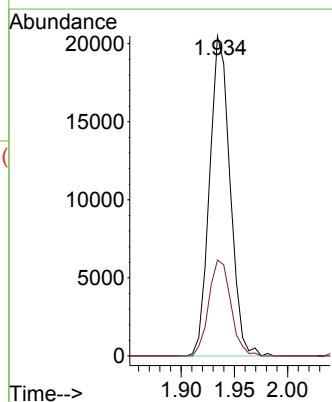
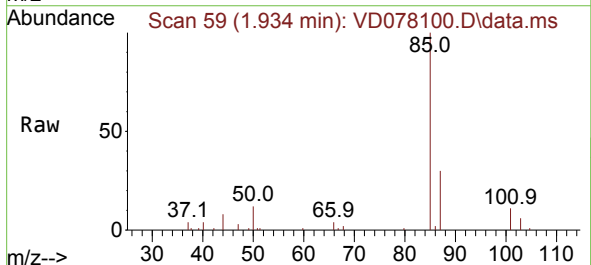
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

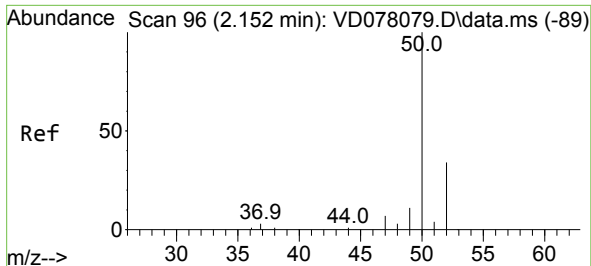
Tgt Ion:168 Resp: 143129
Ion Ratio Lower Upper
168 100
99 50.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 22.347 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 85 Resp: 27412
Ion Ratio Lower Upper
85 100
87 29.9 15.7 47.0

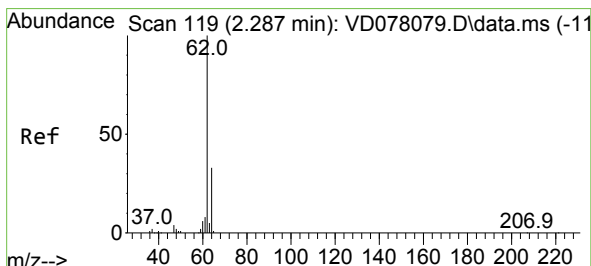
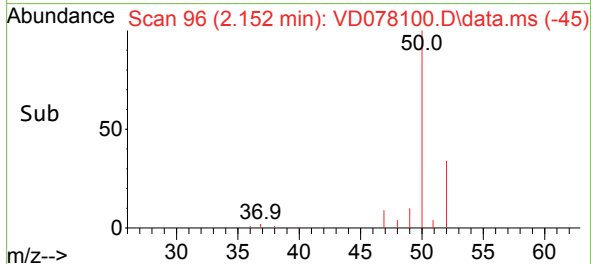
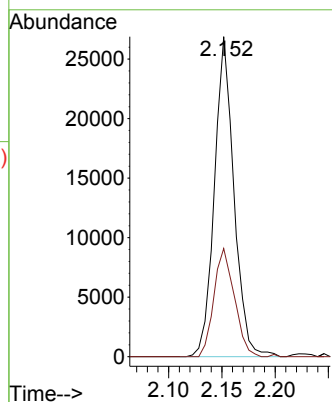
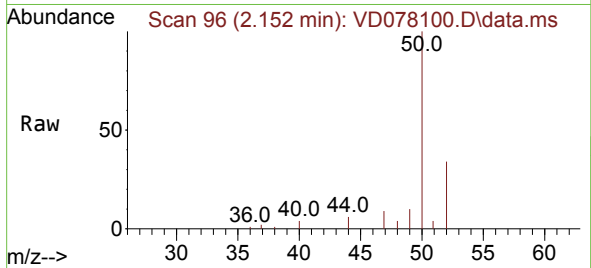




#3
Chloromethane
Concen: 20.243 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

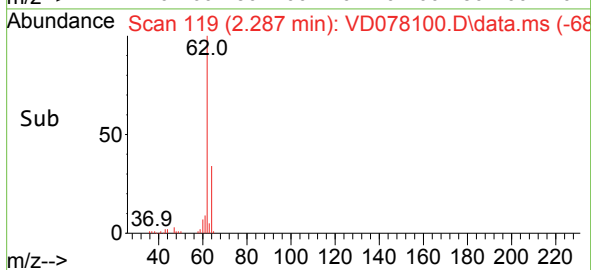
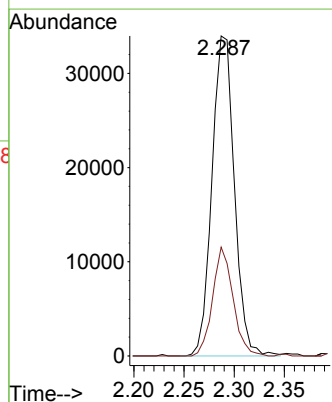
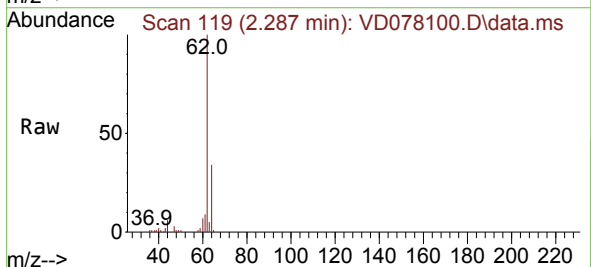
Instrument :
MSVOA_D
ClientSampleId :
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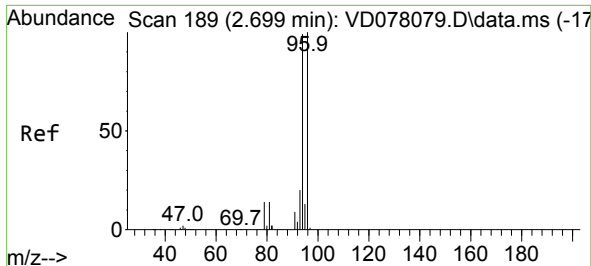
Tgt Ion: 50 Resp: 34245
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 20.709 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 62 Resp: 52805
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0

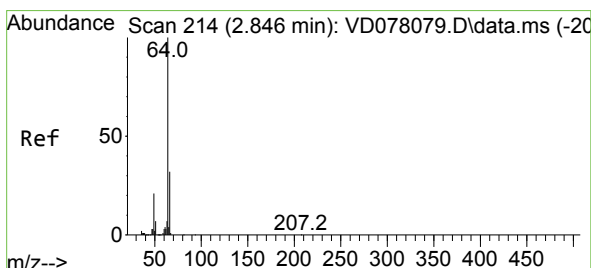
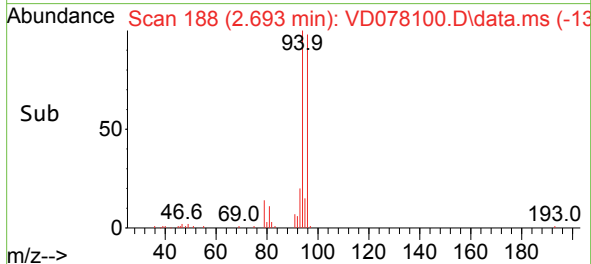
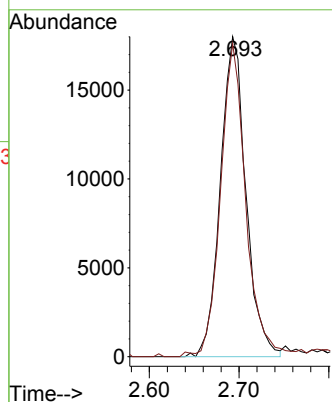
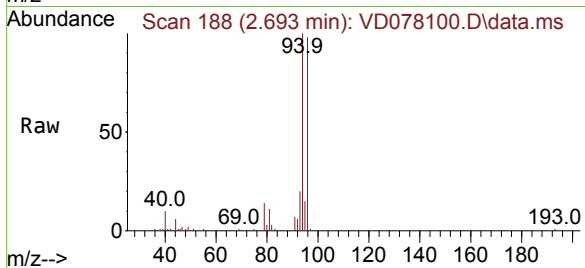




#5
Bromomethane
Concen: 17.403 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078100.D
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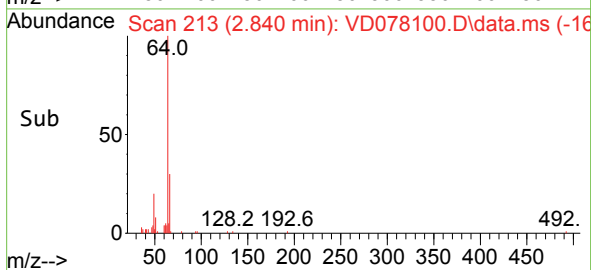
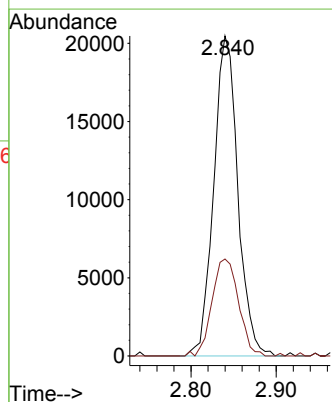
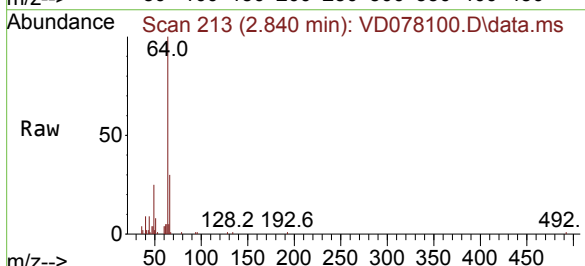
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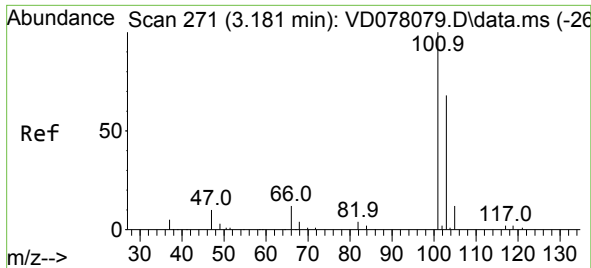
Tgt Ion: 94 Resp: 35580
Ion Ratio Lower Upper
94 100
96 97.0 75.8 113.8



#6
Chloroethane
Concen: 21.494 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 64 Resp: 40275
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

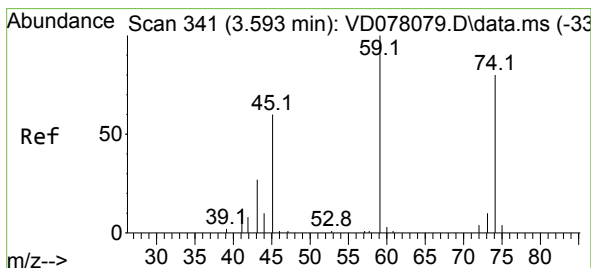
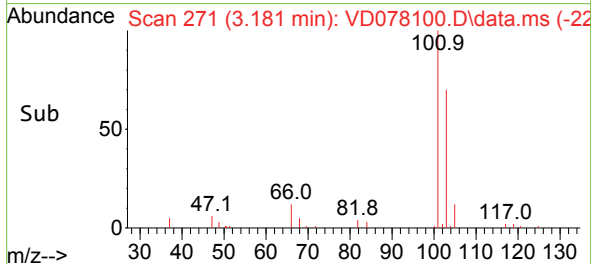
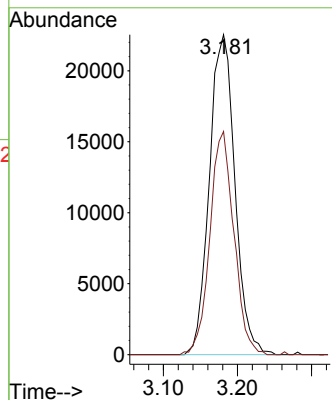
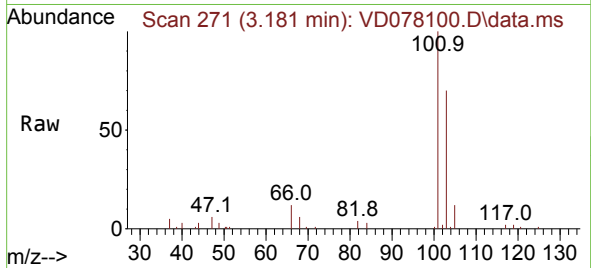




#7
 Trichlorofluoromethane
 Concen: 22.036 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

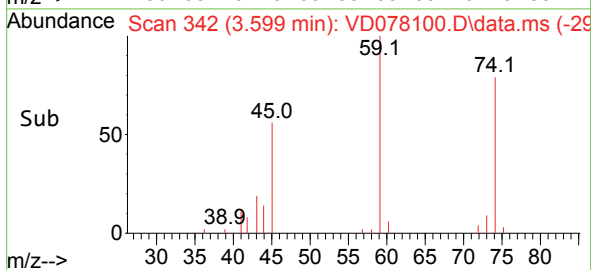
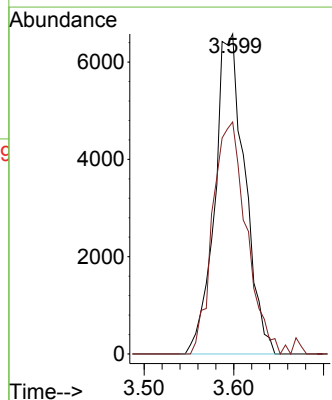
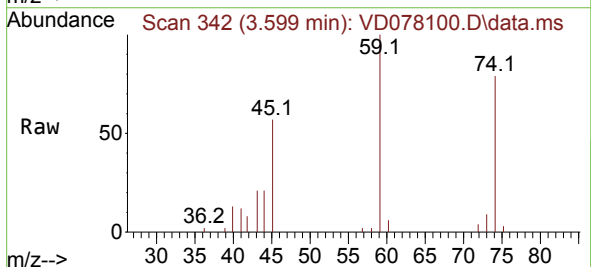
Instrument :
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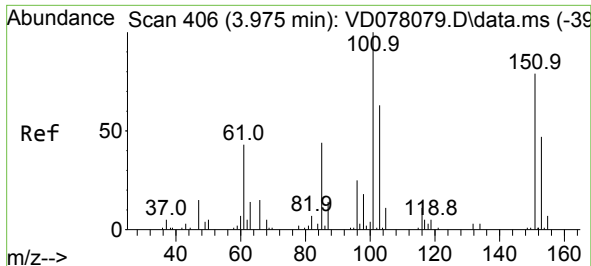
Tgt Ion:101 Resp: 54082
 Ion Ratio Lower Upper
 101 100
 103 69.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.691 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

Tgt Ion: 74 Resp: 15271
 Ion Ratio Lower Upper
 74 100
 45 81.3 37.5 112.7

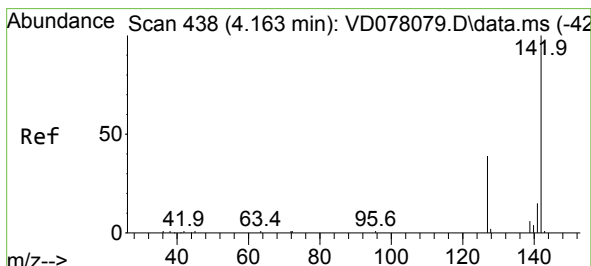
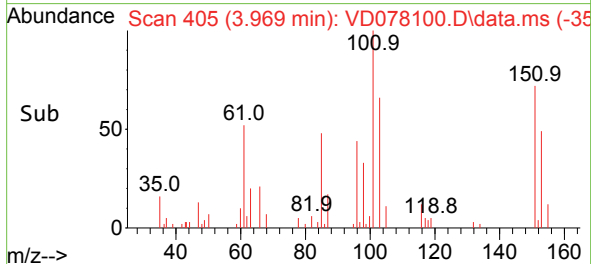
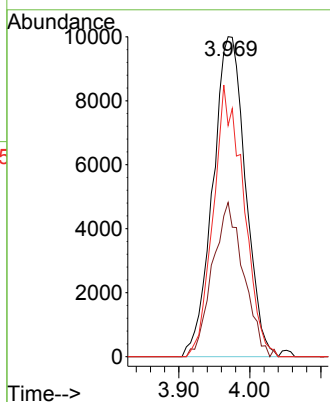
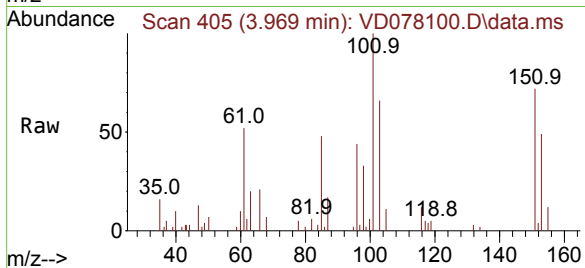




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

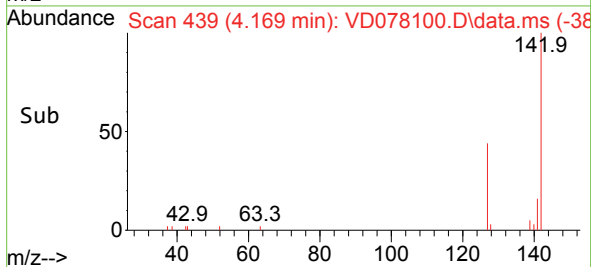
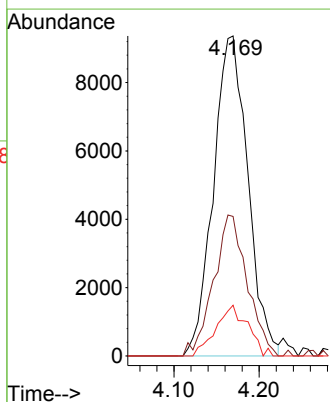
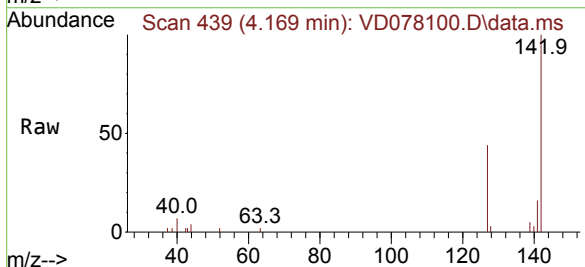
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

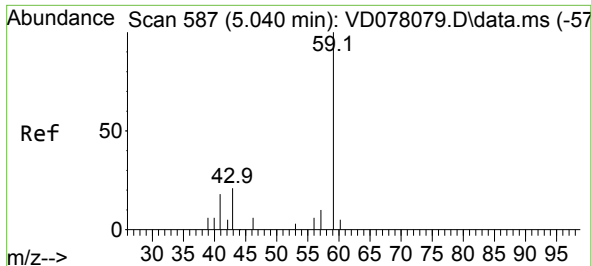
Tgt Ion:101 Resp: 31887
Ion Ratio Lower Upper
101 100
85 46.1 33.8 50.6
151 78.8 59.8 89.6



#10
Methyl Iodide
Concen: 18.304 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

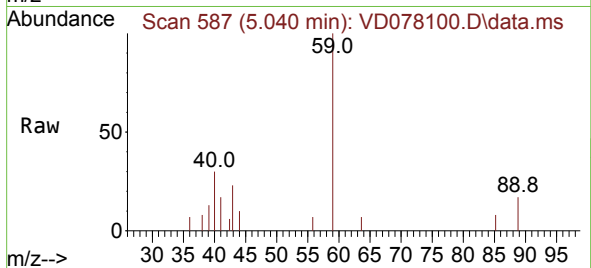
Tgt Ion:142 Resp: 26293
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.7 11.1 16.7



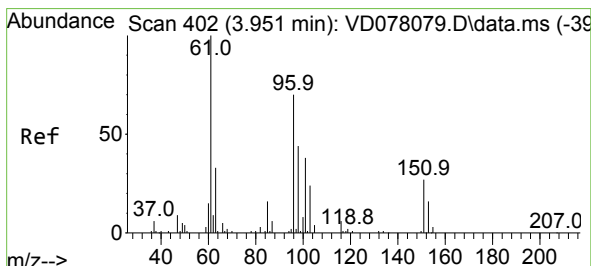
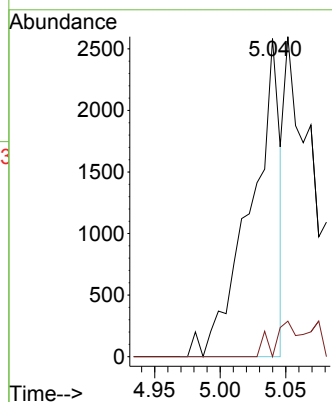
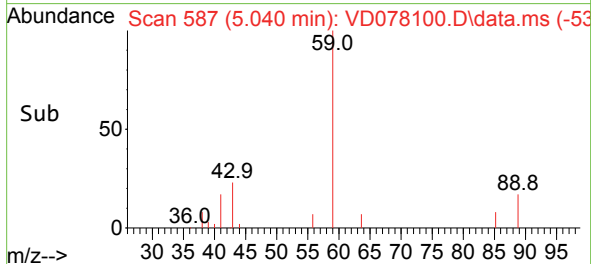


#11
Tert butyl alcohol
Concen: 46.312 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

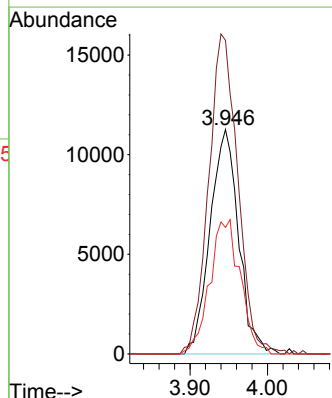
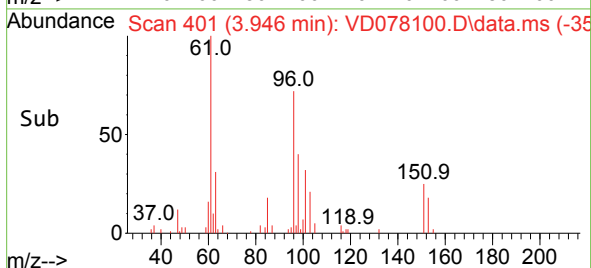
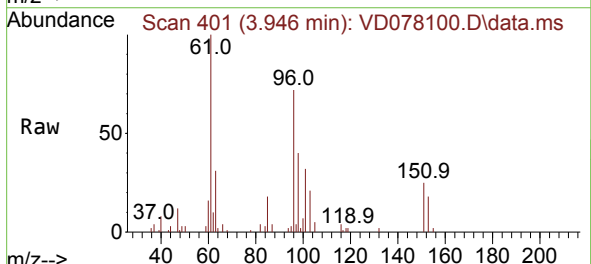


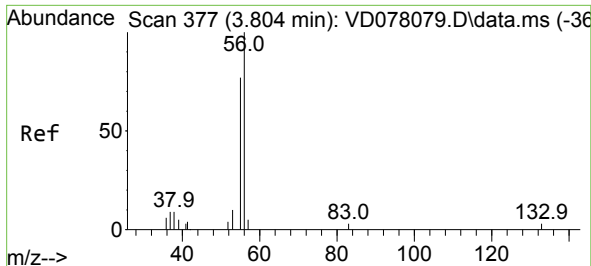
Tgt Ion: 59 Resp: 4019
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.320 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 96 Resp: 28837
Ion Ratio Lower Upper
96 100
61 139.7 100.6 150.8
98 56.4 50.2 75.2

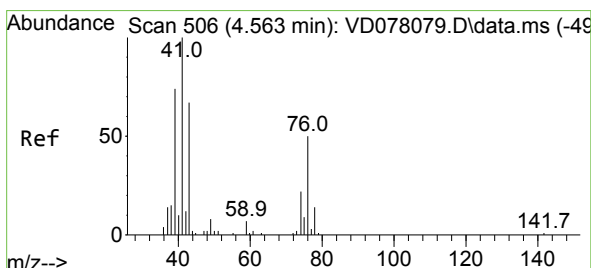
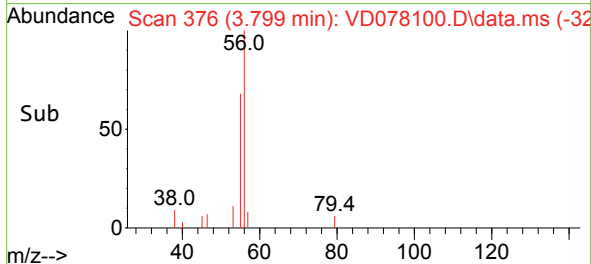
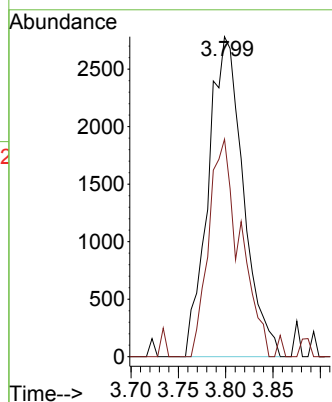
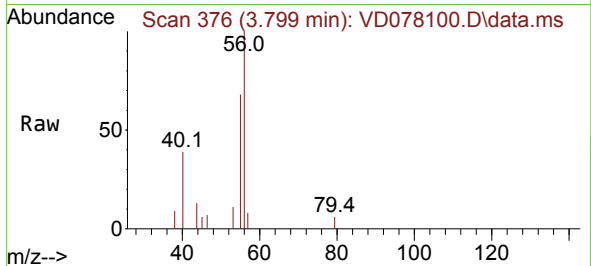




#13
Acrolein
Concen: 106.778 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

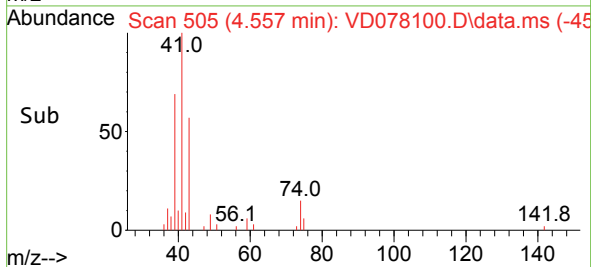
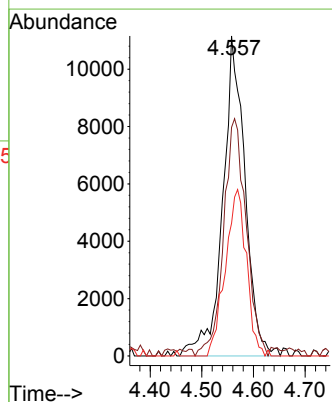
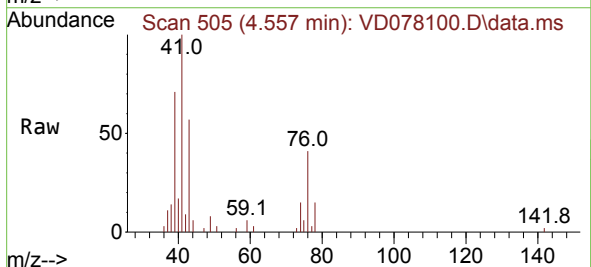
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

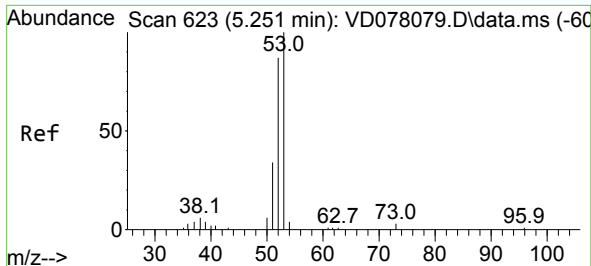
Tgt Ion: 56 Resp: 7162
Ion Ratio Lower Upper
56 100
55 61.1 55.1 82.7



#14
Allyl chloride
Concen: 20.472 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 41 Resp: 33470
Ion Ratio Lower Upper
41 100
39 74.7 53.8 80.6
76 49.3 45.8 68.8

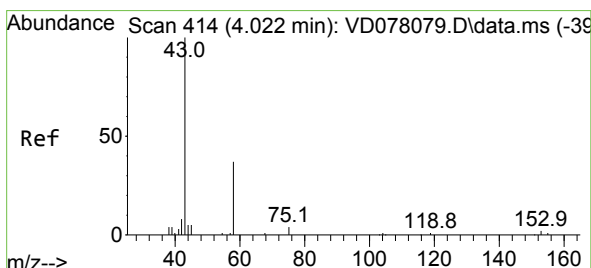
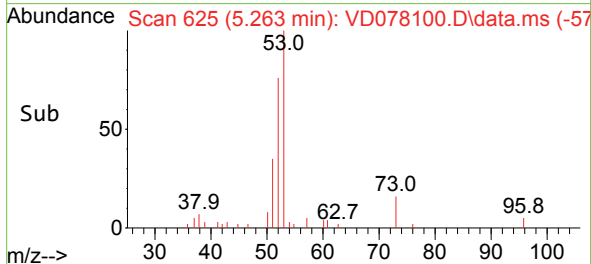
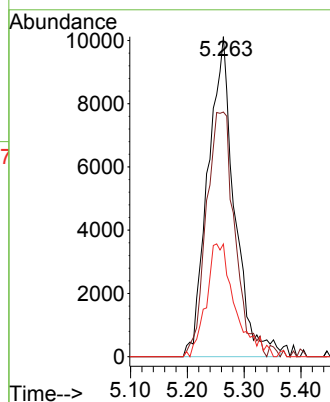
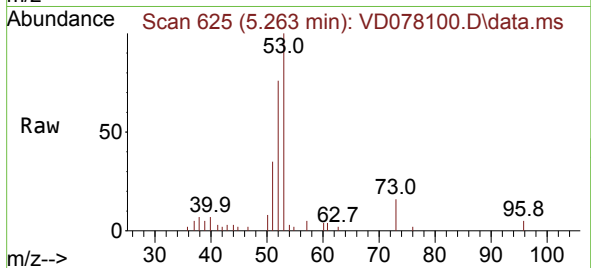




#15
Acrylonitrile
Concen: 116.828 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

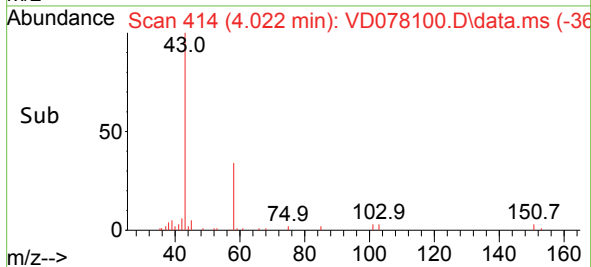
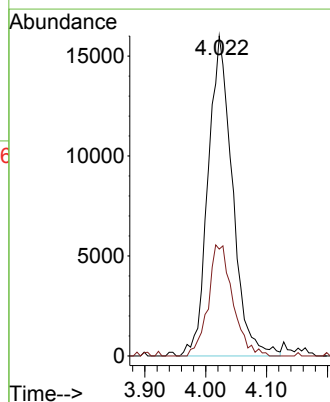
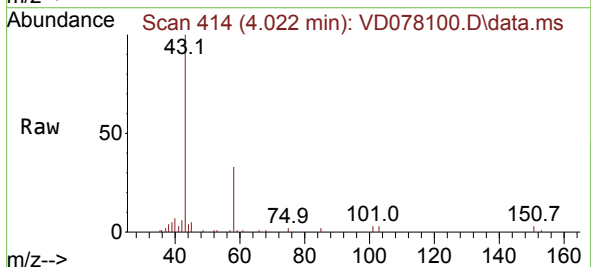
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

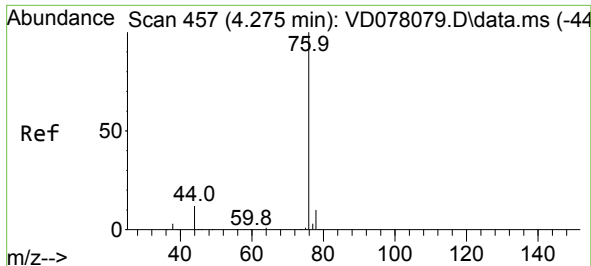
Tgt Ion: 53	Resp: 32890
Ion Ratio	Lower Upper
53 100	
52 81.5	65.0 97.4
51 37.9	28.3 42.5



#16
Acetone
Concen: 161.790 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 43	Resp: 44546		
Ion Ratio	Lower	Upper	
43 100			
58 33.4	34.7	52.1#	

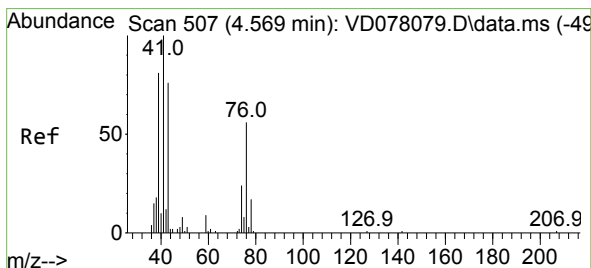
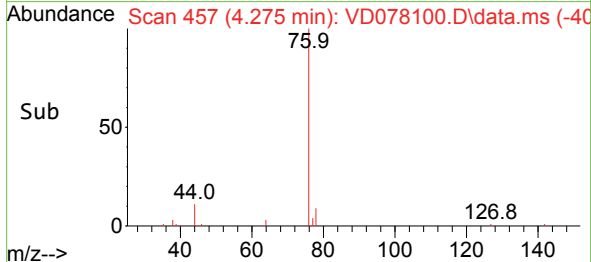
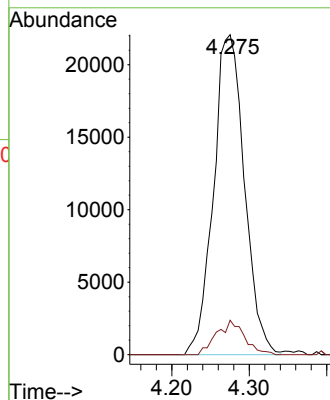
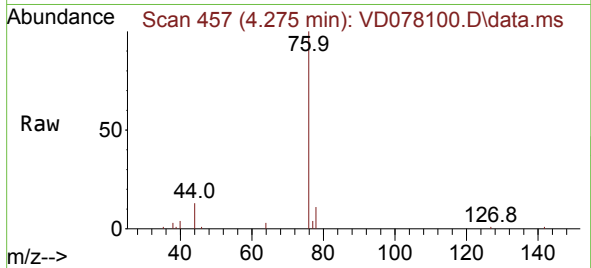




#17
Carbon Disulfide
Concen: 18.307 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

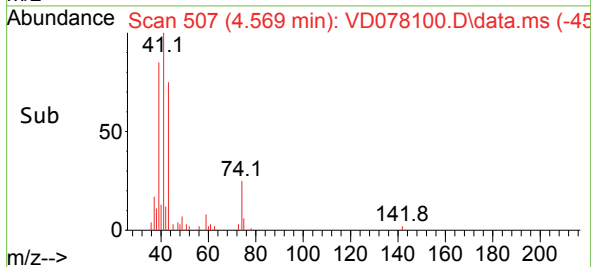
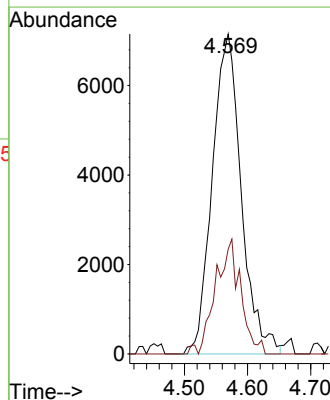
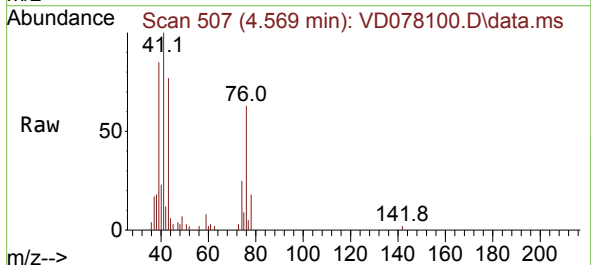
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

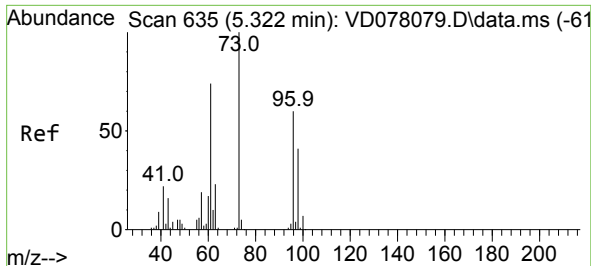
Tgt Ion: 76 Resp: 61182
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#



#18
Methyl Acetate
Concen: 21.855 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 43 Resp: 22811
Ion Ratio Lower Upper
43 100
74 31.2 26.4 39.6

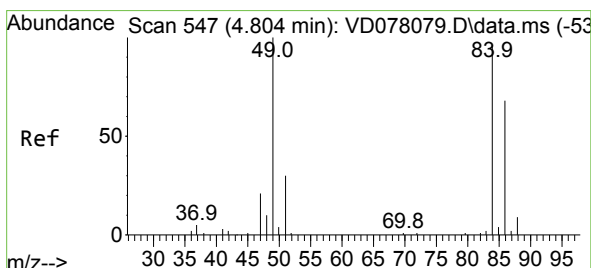
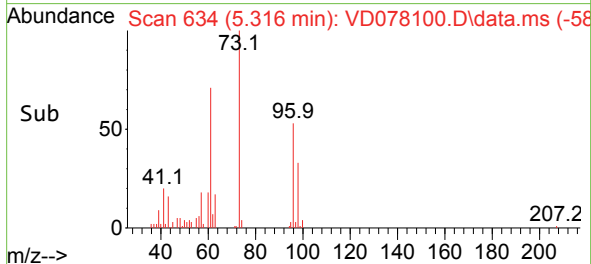
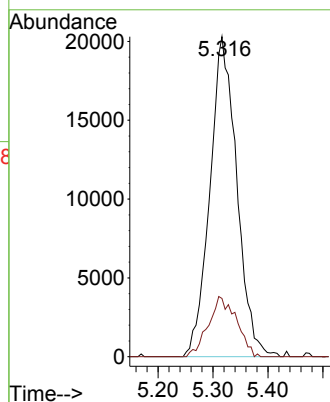
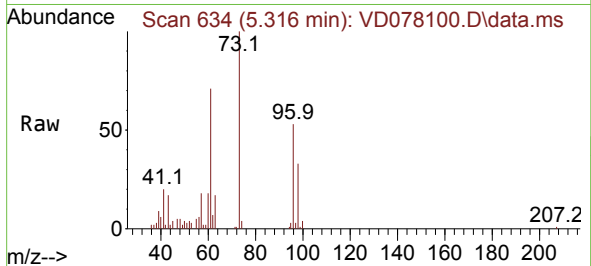




#19
Methyl tert-butyl Ether
Concen: 23.107 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

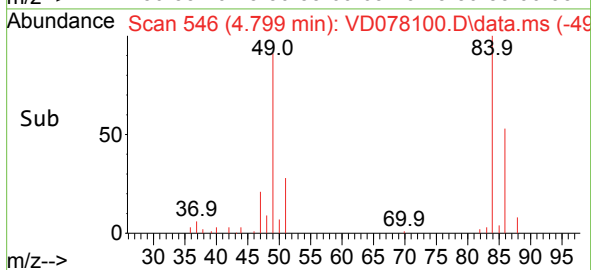
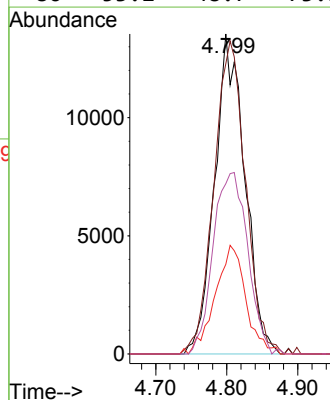
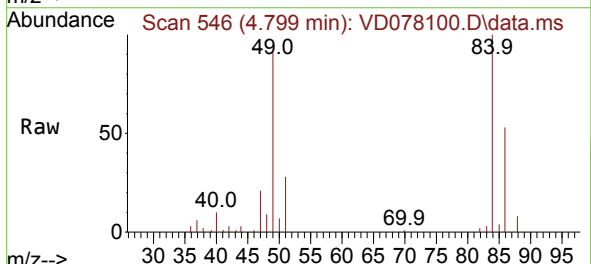
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

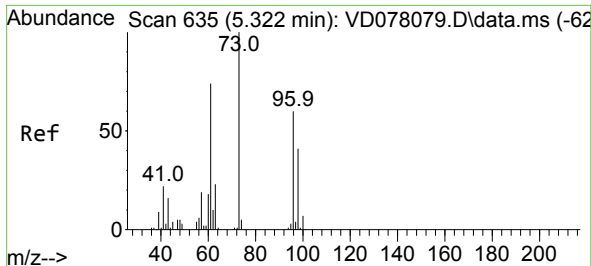
Tgt Ion: 73 Resp: 69174
Ion Ratio Lower Upper
73 100
57 18.2 16.6 25.0



#20
Methylene Chloride
Concen: 23.975 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 84 Resp: 40001
Ion Ratio Lower Upper
84 100
49 90.7 71.4 107.2
51 28.0 24.5 36.7
86 53.2 48.7 73.1

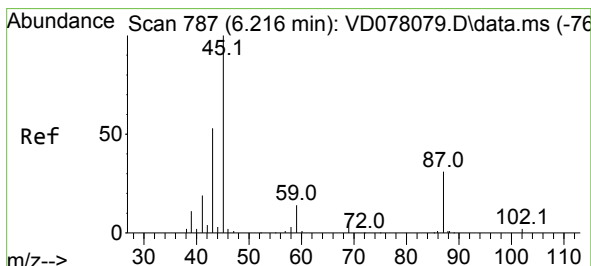
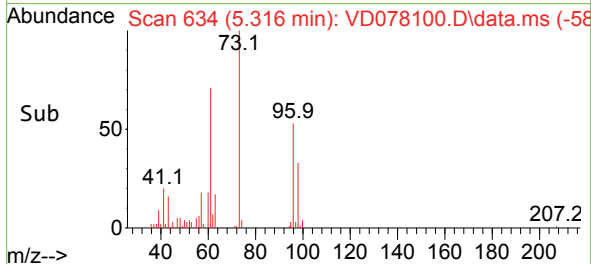
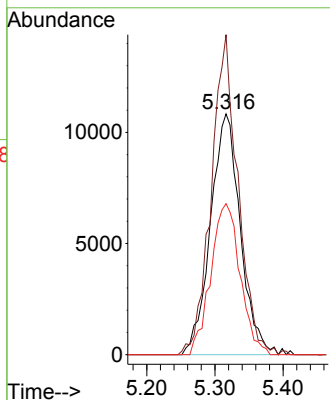
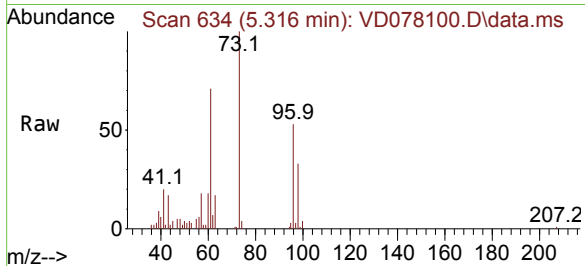




#21
trans-1,2-Dichloroethene
Concen: 21.167 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

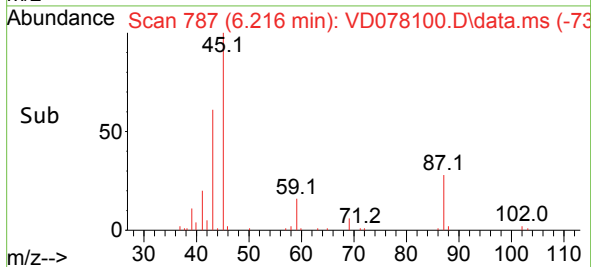
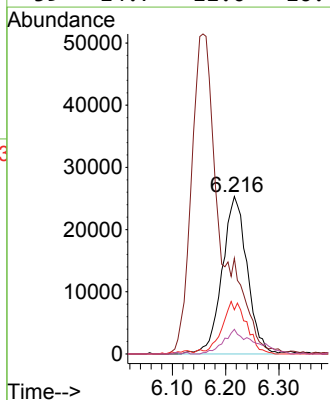
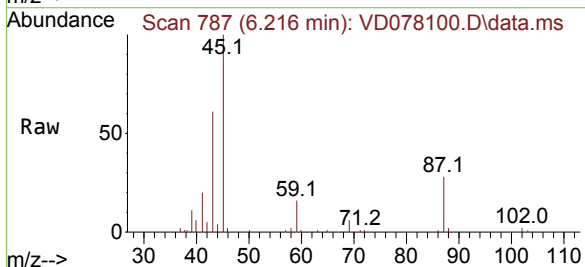
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

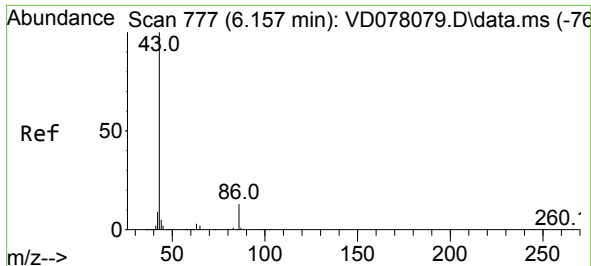
Tgt Ion: 96 Resp: 32911
Ion Ratio Lower Upper
96 100
61 132.9 89.3 133.9
98 62.7 48.6 73.0



#22
Diisopropyl ether
Concen: 22.531 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 45 Resp: 82277
Ion Ratio Lower Upper
45 100
43 57.6 40.0 60.0
87 28.1 28.2 42.4#
59 14.7 11.0 16.4

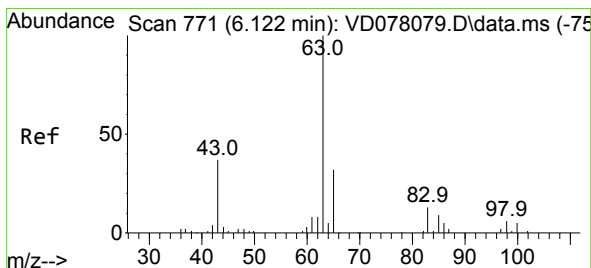
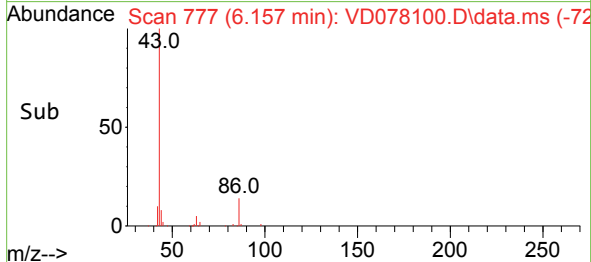
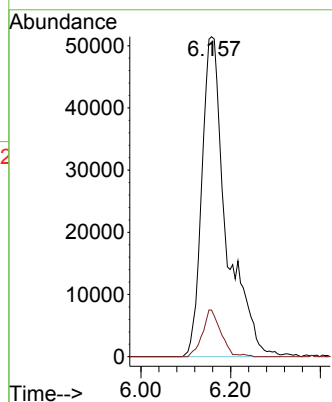
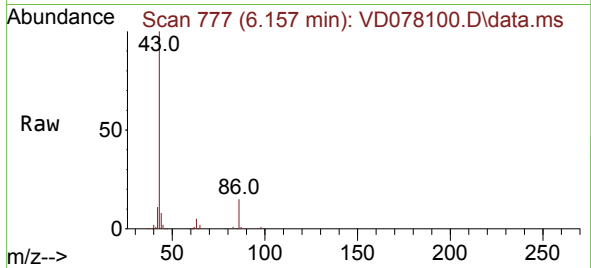




#23
 Vinyl Acetate
 Concen: 139.947 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

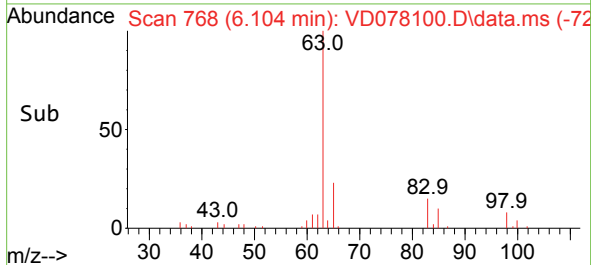
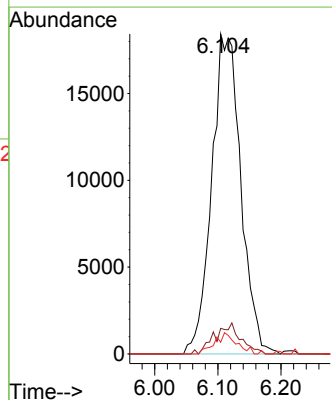
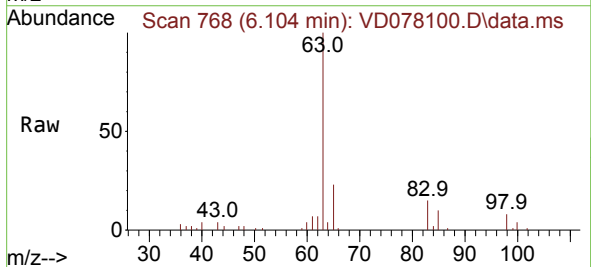
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

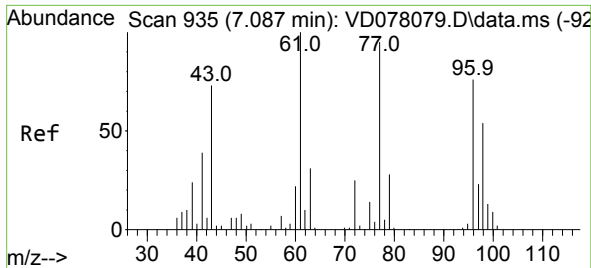
Tgt Ion: 43 Resp: 195381
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.849 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.018 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

Tgt Ion: 63 Resp: 59046
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 3.6 2.5 7.5

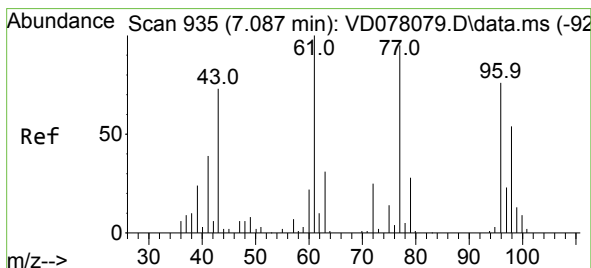
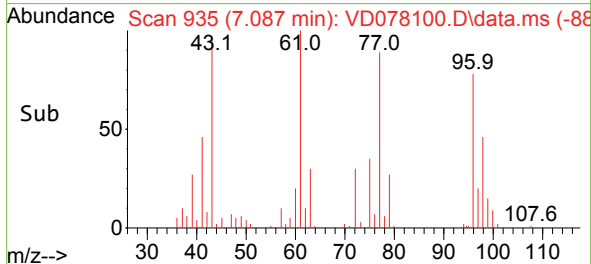
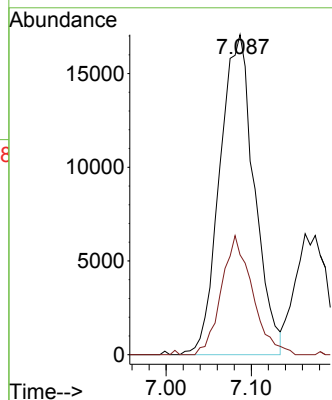
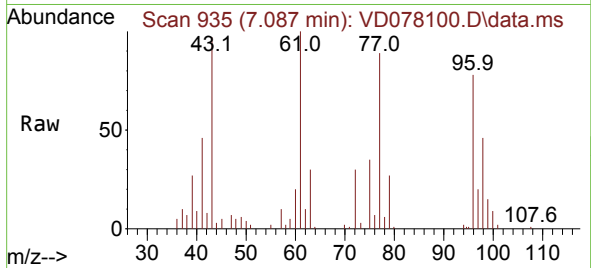




#25
2-Butanone
Concen: 136.794 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

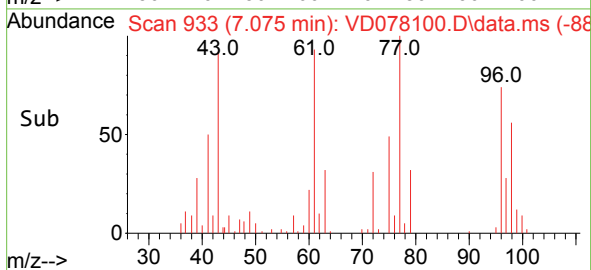
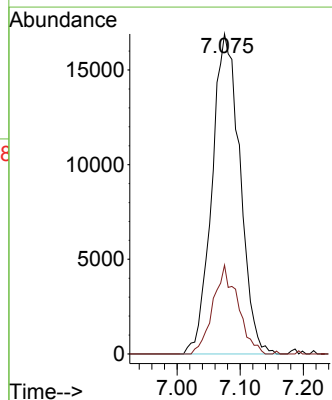
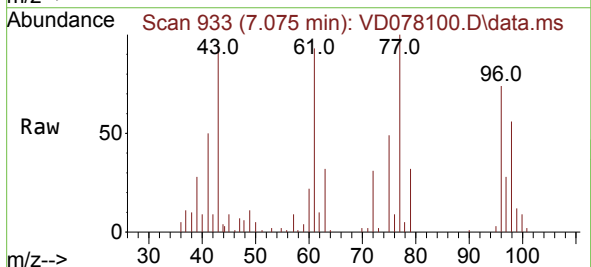
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

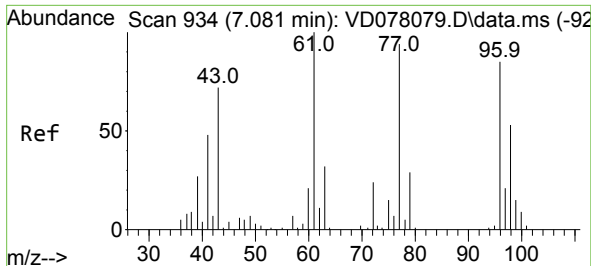
Tgt Ion: 43 Resp: 48042
Ion Ratio Lower Upper
43 100
72 31.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.446 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 77 Resp: 52069
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6

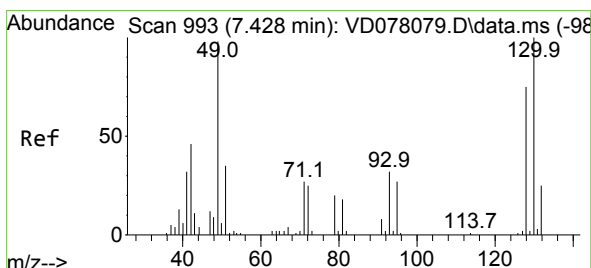
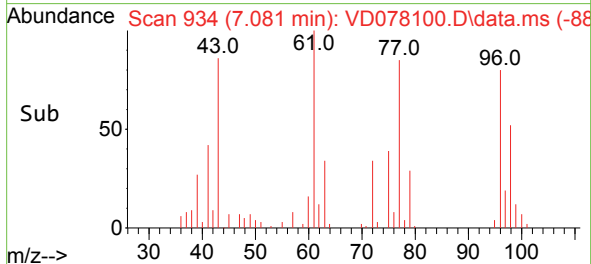
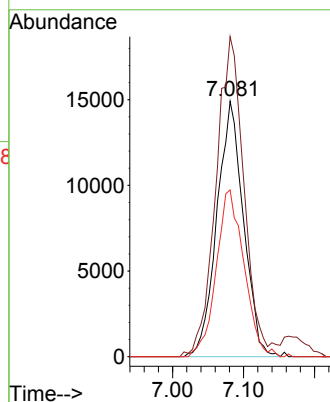
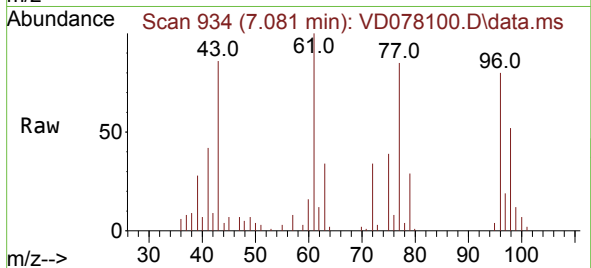




#27
cis-1,2-Dichloroethene
Concen: 20.982 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

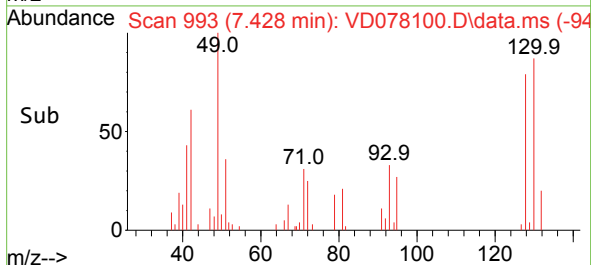
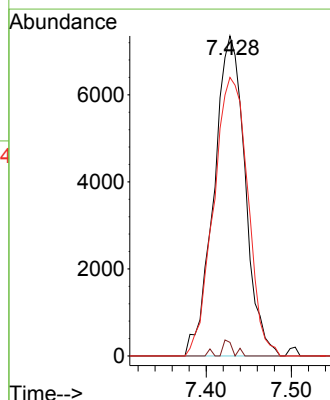
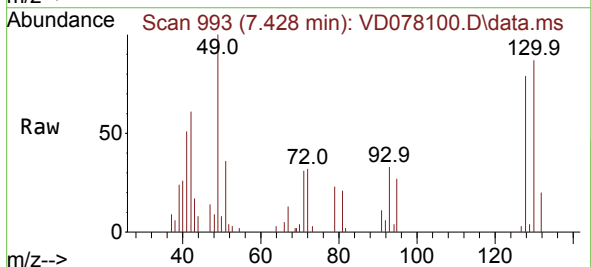
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

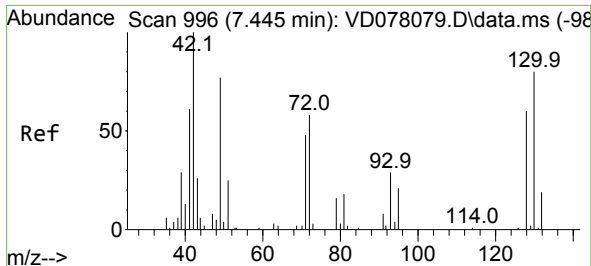
Tgt Ion: 96 Resp: 38704
Ion Ratio Lower Upper
96 100
61 132.4 0.0 239.2
98 68.2 0.0 128.6



#28
Bromochloromethane
Concen: 19.332 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 49 Resp: 18691
Ion Ratio Lower Upper
49 100
129 1.6 0.0 6.0
130 95.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 108.352 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

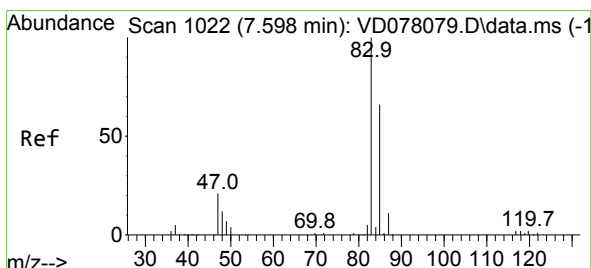
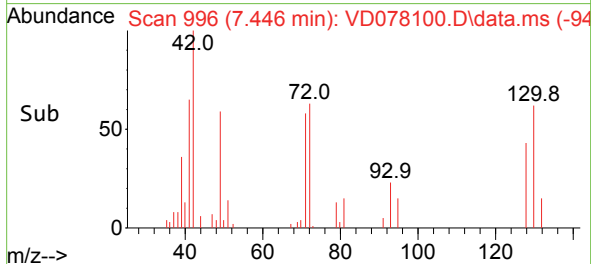
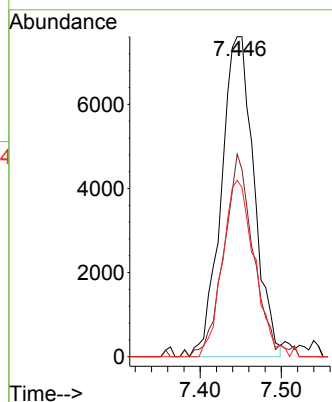
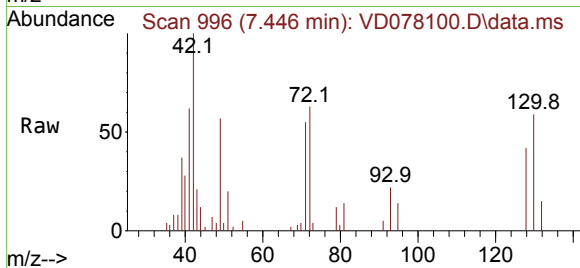
Tgt Ion: 42 Resp: 21361

Ion Ratio Lower Upper

42 100

72 57.9 46.5 69.7

71 54.2 44.5 66.7



#30

Chloroform

Concen: 22.667 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078100.D

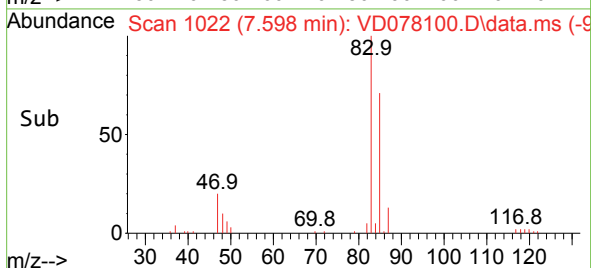
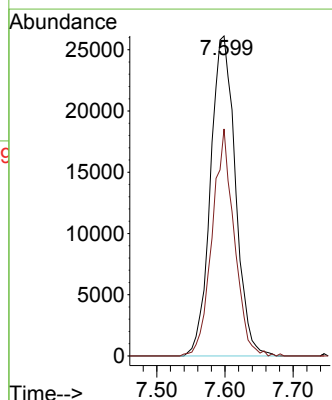
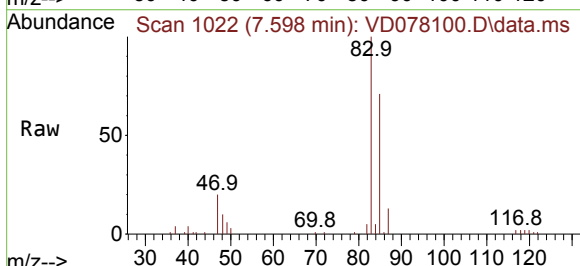
Acq: 29 Dec 2023 10:56

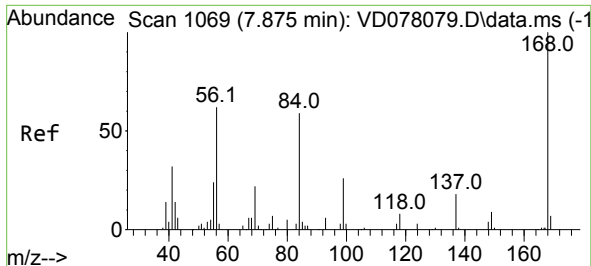
Tgt Ion: 83 Resp: 66385

Ion Ratio Lower Upper

83 100

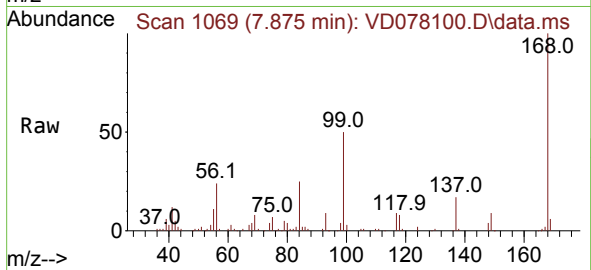
85 71.0 53.4 80.2



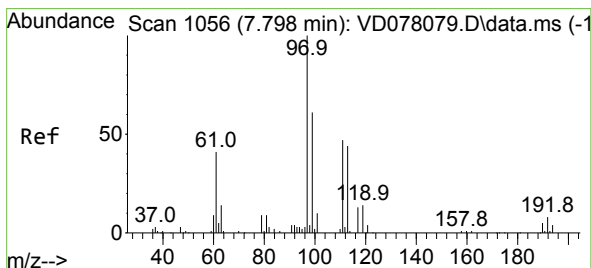
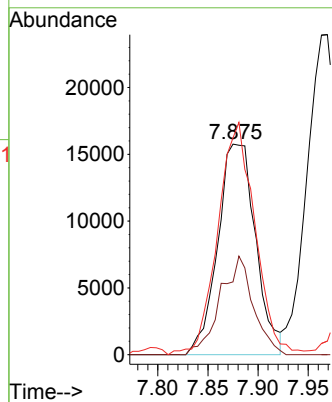
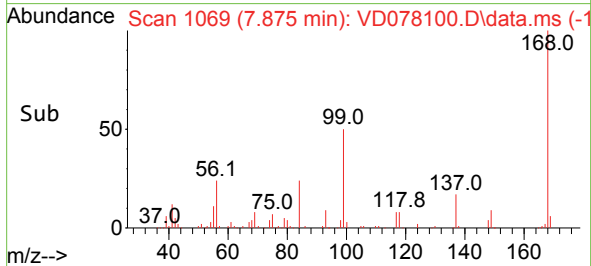


#31
Cyclohexane
Concen: 20.429 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

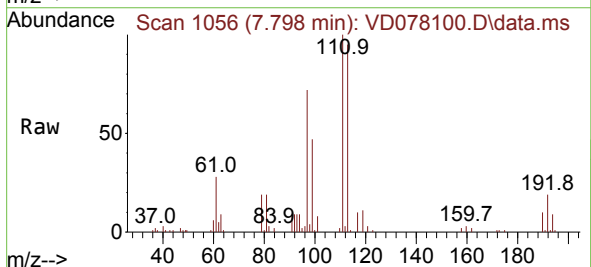
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01



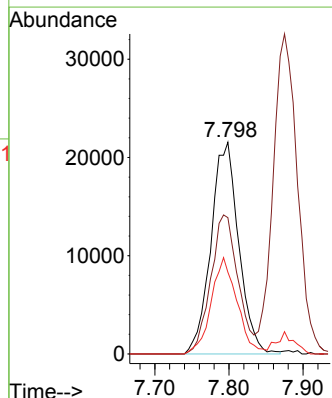
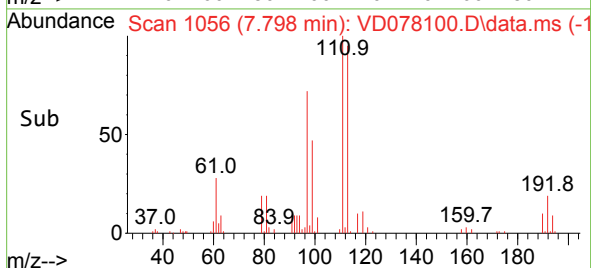
Tgt Ion: 56 Resp: 41503
Ion Ratio Lower Upper
56 100
69 34.6 28.6 43.0
84 101.1 84.8 127.2

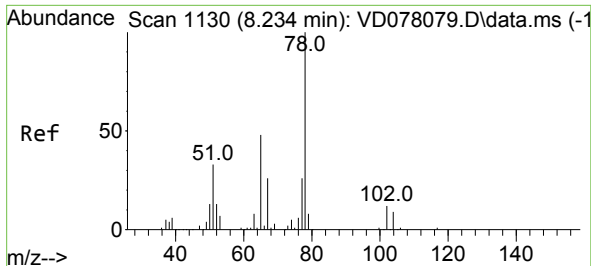


#32
1,1,1-Trichloroethane
Concen: 22.256 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56



Tgt Ion: 97 Resp: 56017
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.944 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

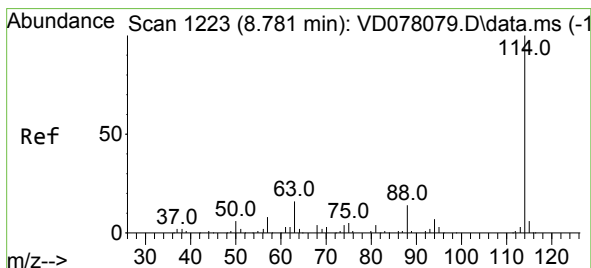
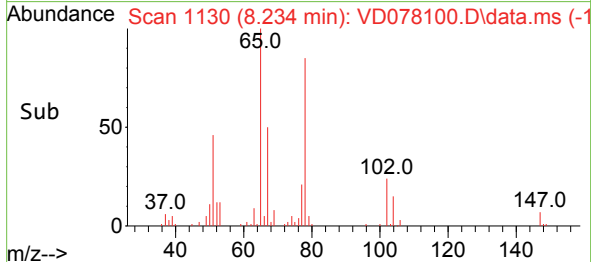
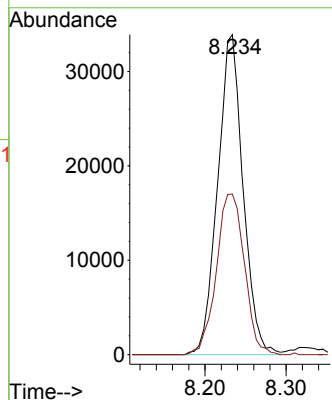
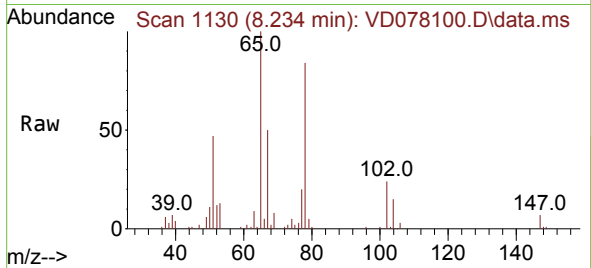
VD1229SBS01

Tgt Ion: 65 Resp: 73793

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

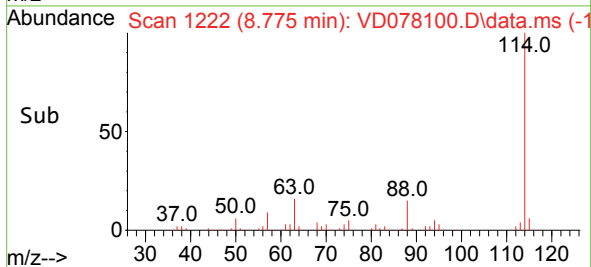
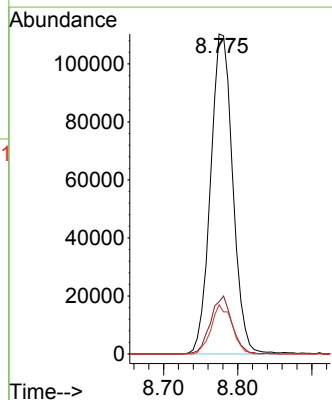
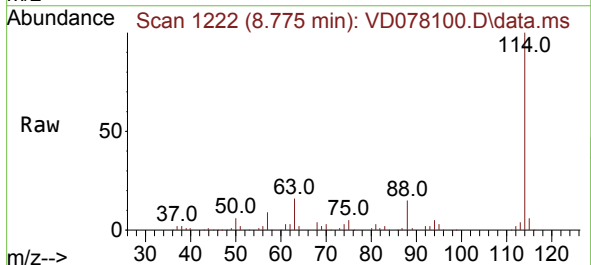
Tgt Ion:114 Resp: 229455

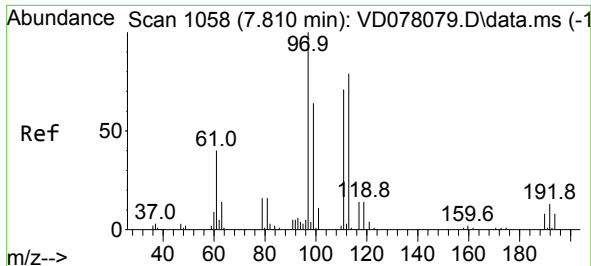
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 15.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.678 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

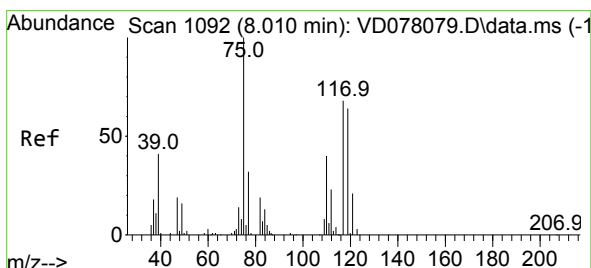
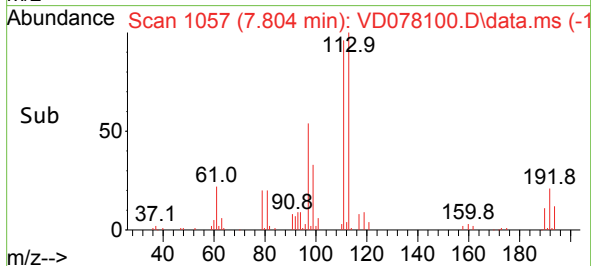
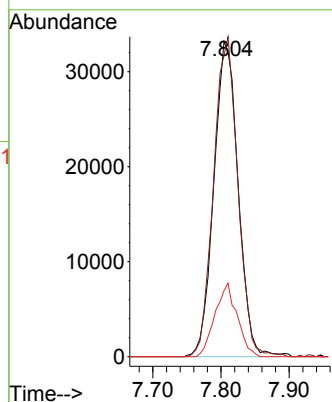
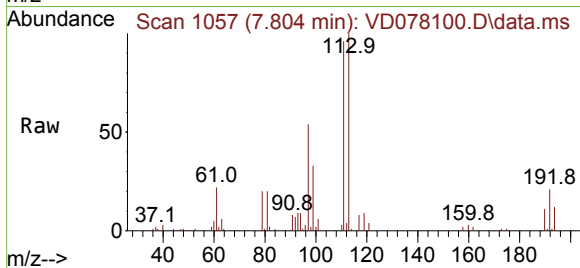
Tgt Ion:113 Resp: 82202

Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 21.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.021 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

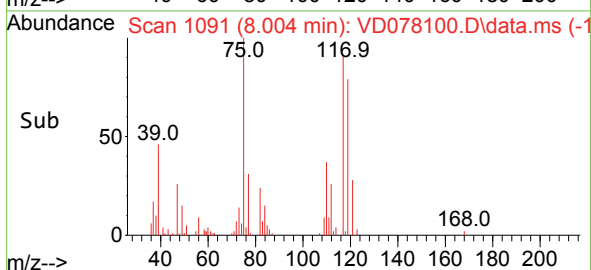
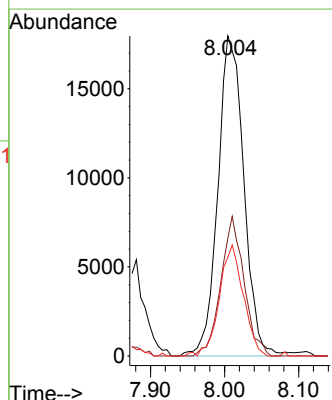
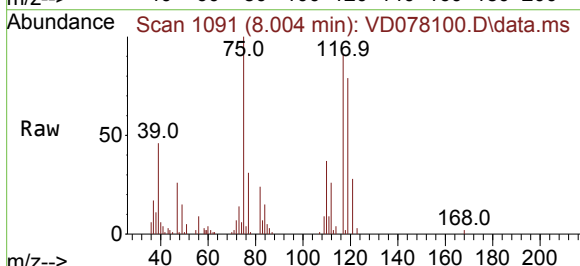
Tgt Ion: 75 Resp: 43668

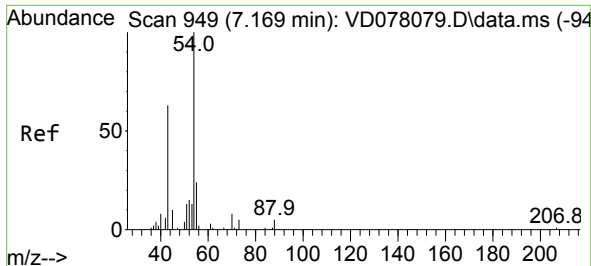
Ion Ratio Lower Upper

75 100

110 39.0 19.9 59.6

77 32.0 24.7 37.1

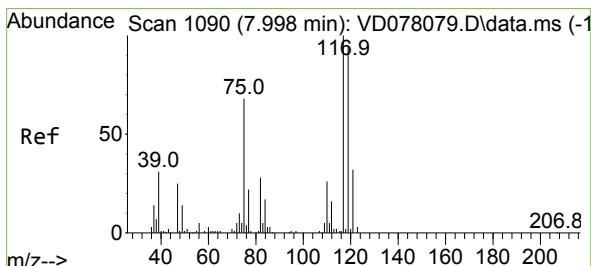
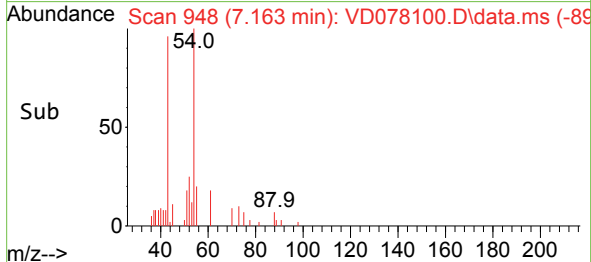
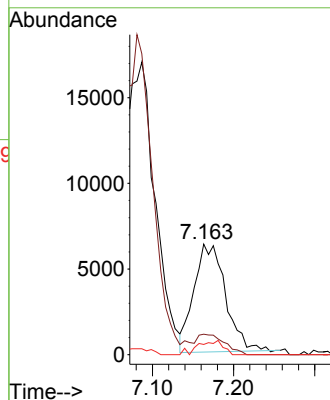
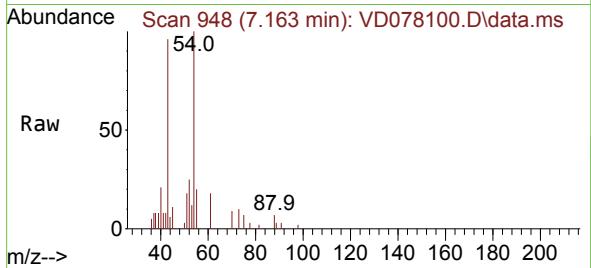




#37
Ethyl Acetate
Concen: 24.675 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

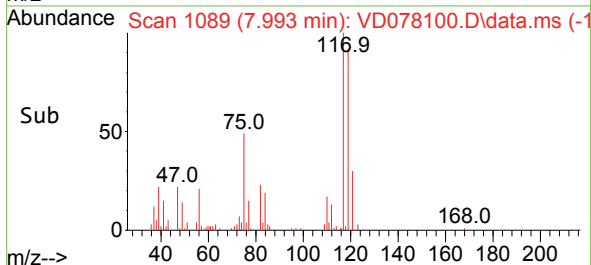
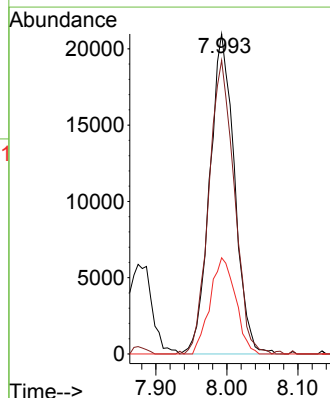
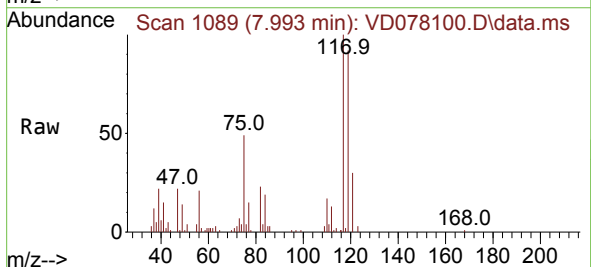
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

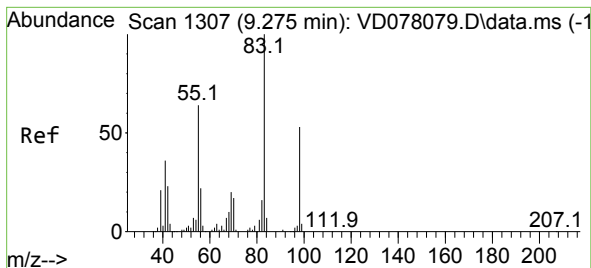
Tgt Ion: 43 Resp: 17048
Ion Ratio Lower Upper
43 100
61 15.9 14.9 22.3
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 22.523 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 117 Resp: 50700
Ion Ratio Lower Upper
117 100
119 90.9 78.0 117.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 19.939 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

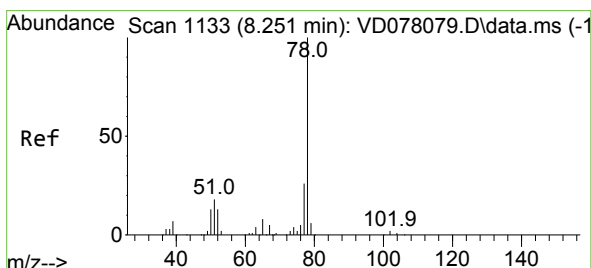
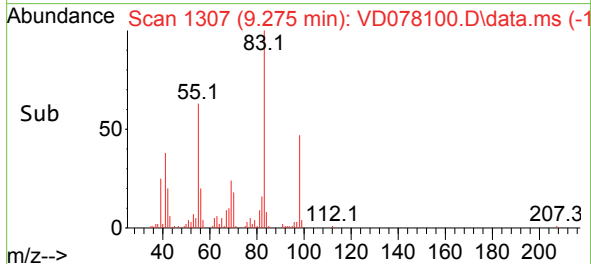
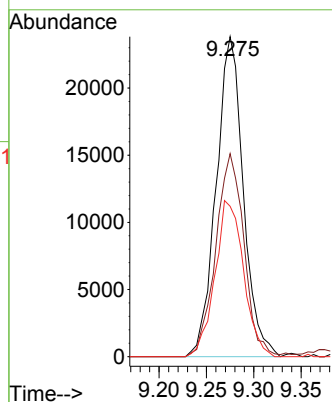
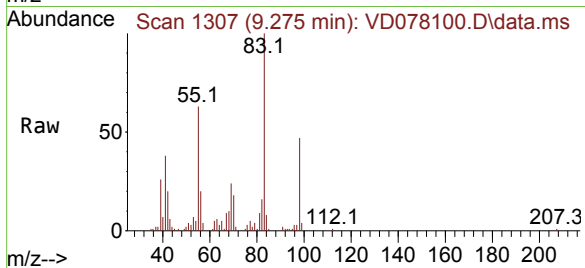
Tgt Ion: 83 Resp: 47487

Ion Ratio Lower Upper

83 100

55 63.5 49.4 74.0

98 47.0 38.4 57.6



#40

Benzene

Concen: 22.054 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078100.D

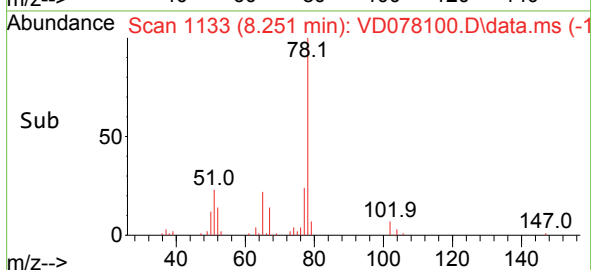
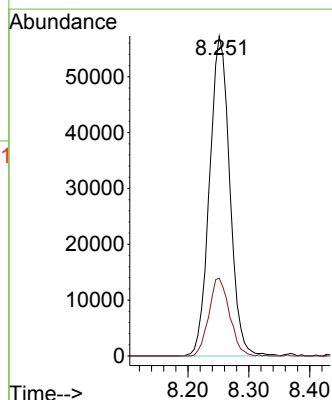
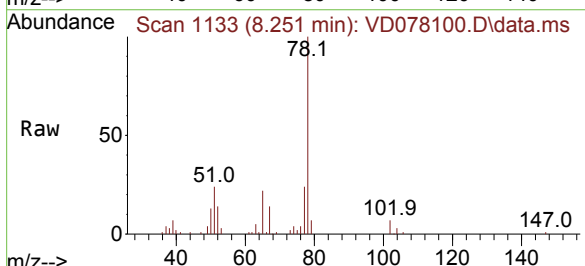
Acq: 29 Dec 2023 10:56

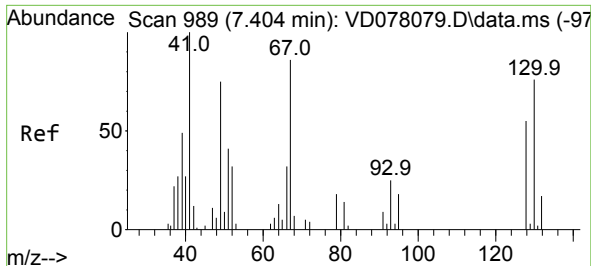
Tgt Ion: 78 Resp: 132045

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

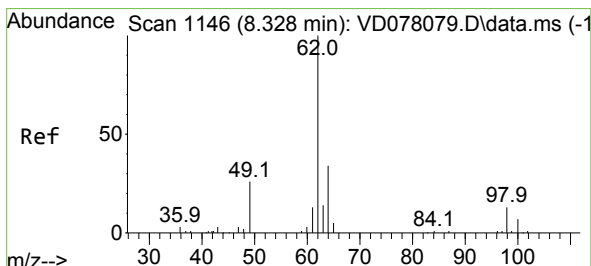
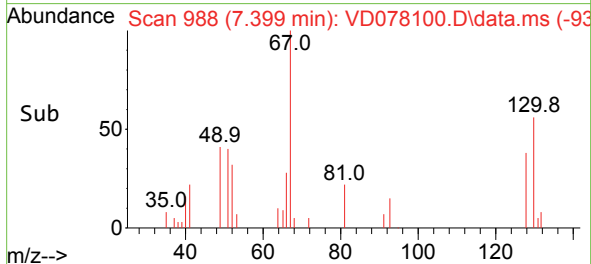
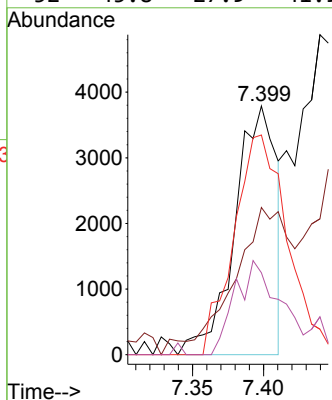
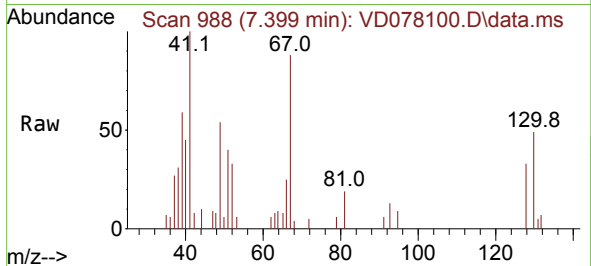




#41
Methacrylonitrile
Concen: 17.742 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

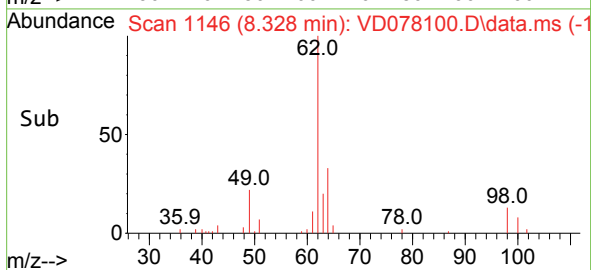
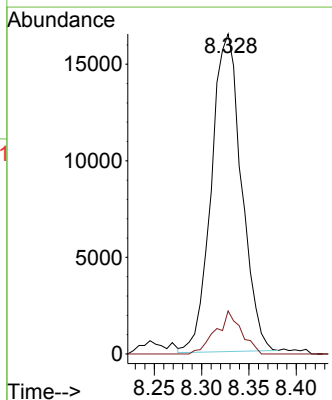
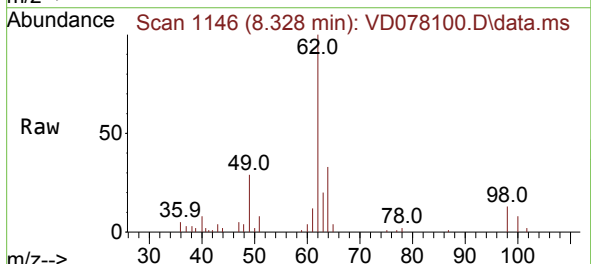
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

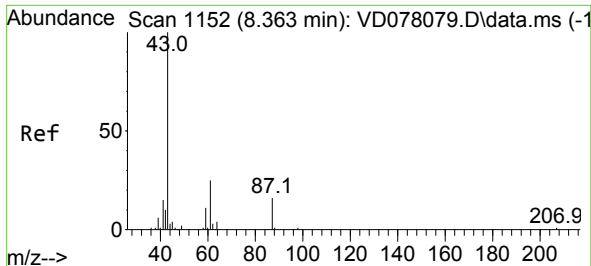
Tgt Ion: 41 Resp: 7755
Ion Ratio Lower Upper
41 100
39 81.2 34.0 51.0#
67 114.6 77.0 115.4
52 45.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 22.496 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 62 Resp: 36399
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43

Isopropyl Acetate

Concen: 23.278 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

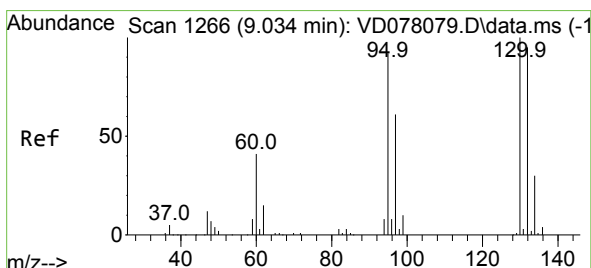
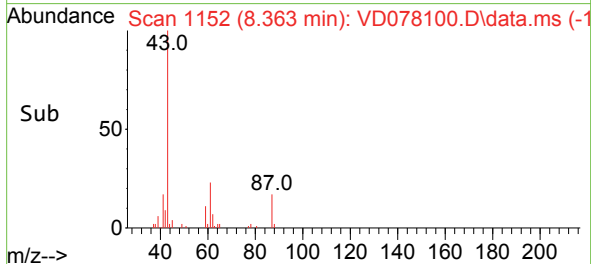
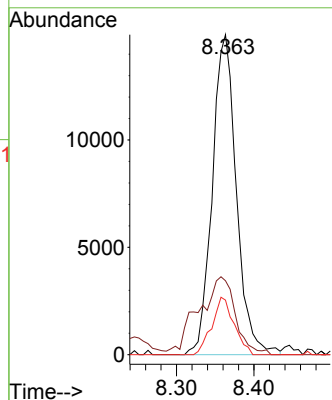
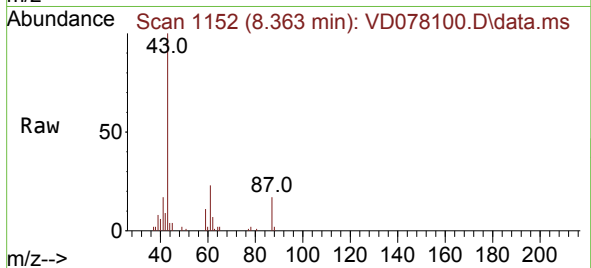
Tgt Ion: 43 Resp: 32198

Ion Ratio Lower Upper

43 100

61 37.3 31.4 47.0

87 16.5 14.9 22.3



#44

Trichloroethene

Concen: 22.197 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078100.D

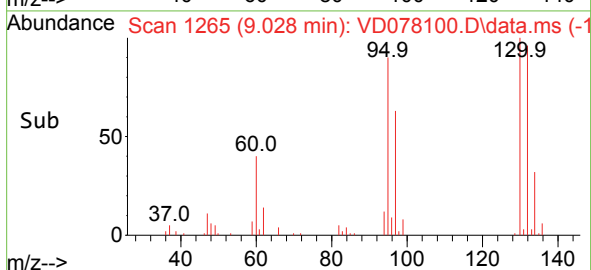
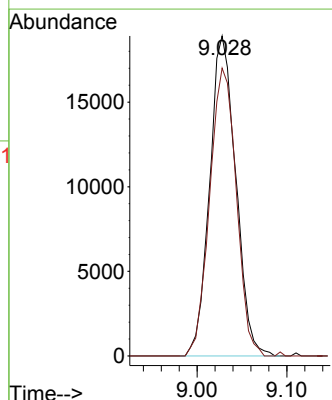
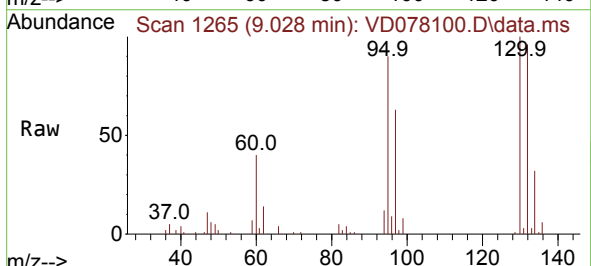
Acq: 29 Dec 2023 10:56

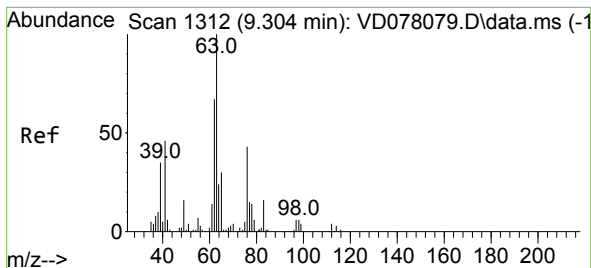
Tgt Ion:130 Resp: 38235

Ion Ratio Lower Upper

130 100

95 89.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.394 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

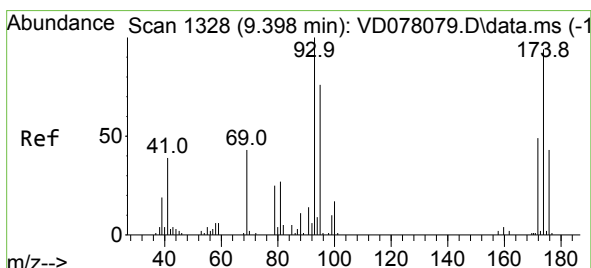
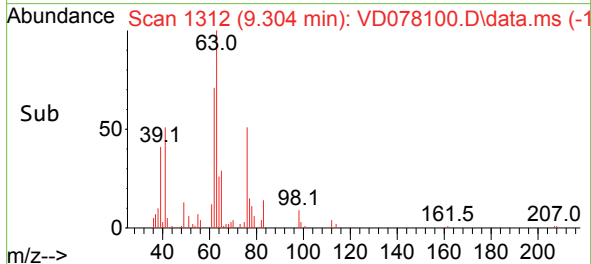
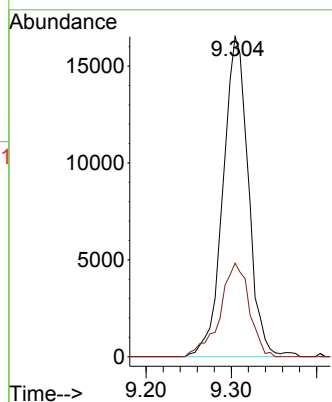
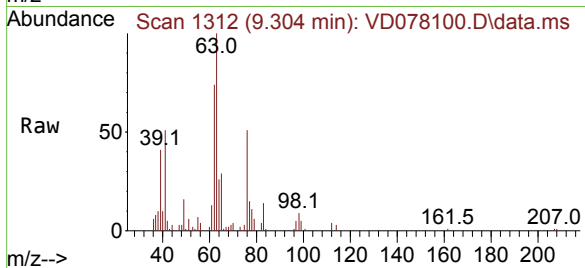
VD1229SBS01

Tgt Ion: 63 Resp: 33975

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



#46

Dibromomethane

Concen: 22.979 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

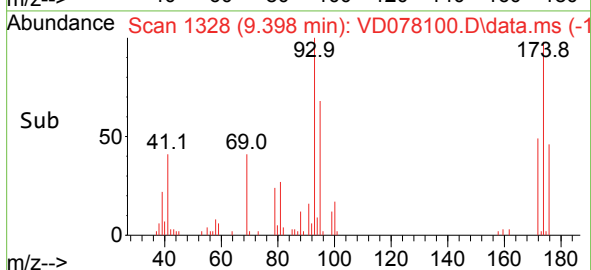
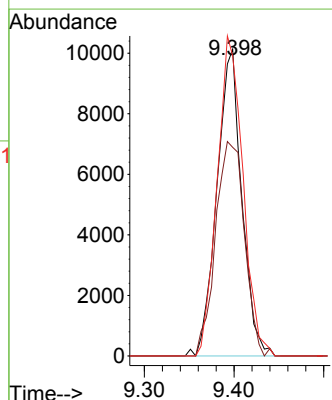
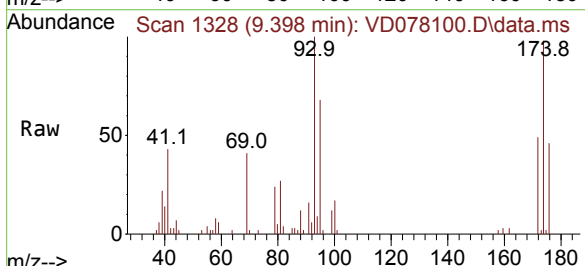
Tgt Ion: 93 Resp: 19526

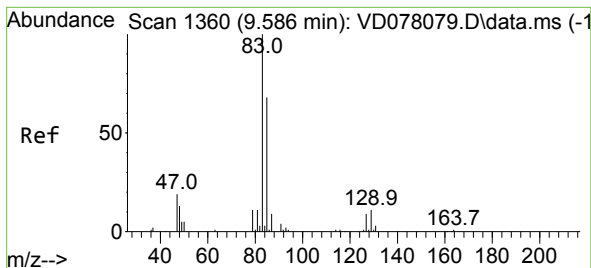
Ion Ratio Lower Upper

93 100

95 81.0 67.7 101.5

174 107.6 85.4 128.2





#47

Bromodichloromethane

Concen: 23.196 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

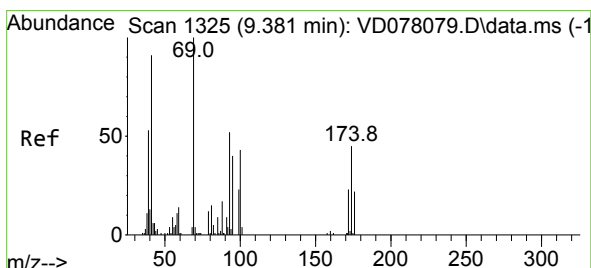
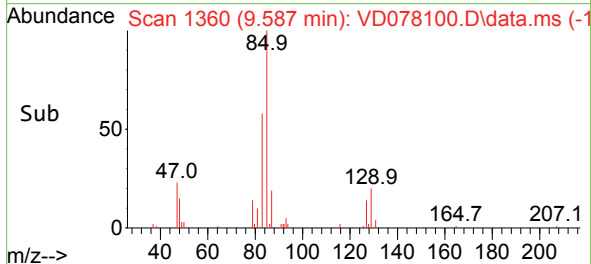
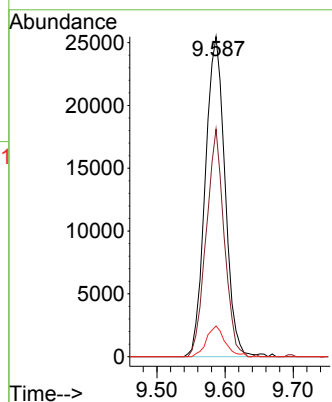
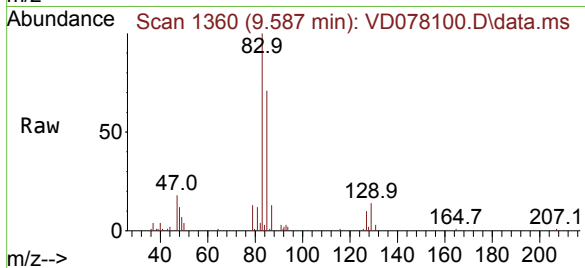
Tgt Ion: 83 Resp: 51200

Ion Ratio Lower Upper

83 100

85 71.1 50.2 75.4

127 9.6 6.3 9.5#



#48

Methyl methacrylate

Concen: 21.533 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

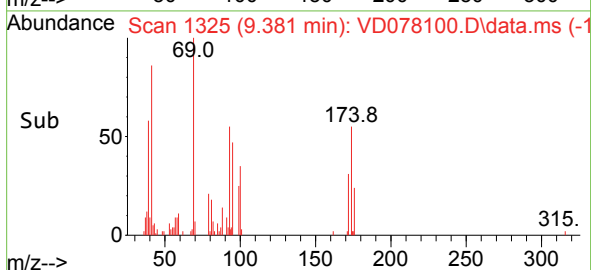
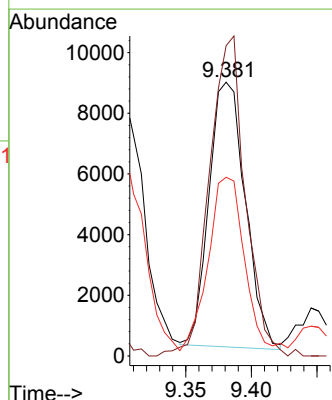
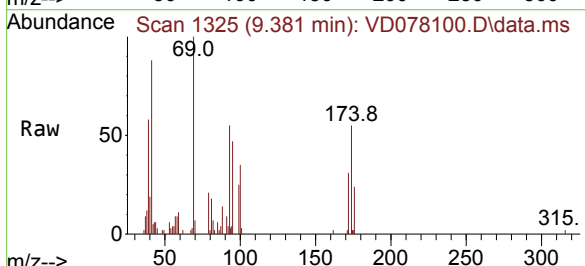
Tgt Ion: 41 Resp: 16786

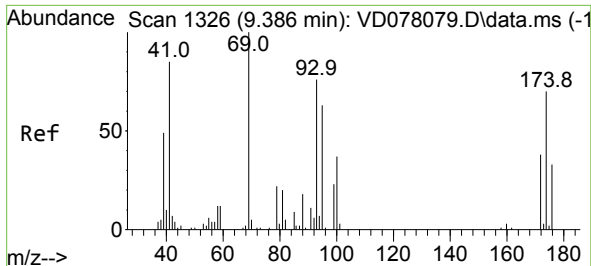
Ion Ratio Lower Upper

41 100

69 119.6 102.2 153.2

39 68.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 511.775 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

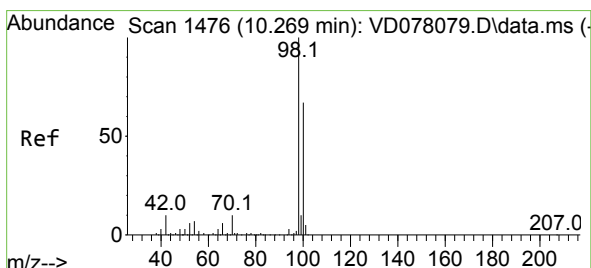
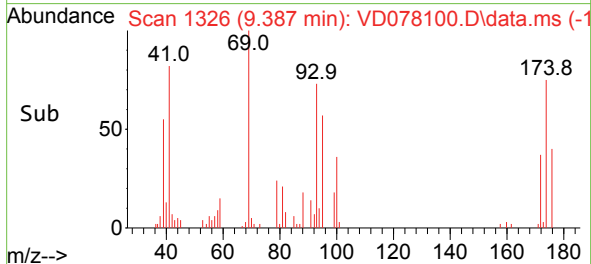
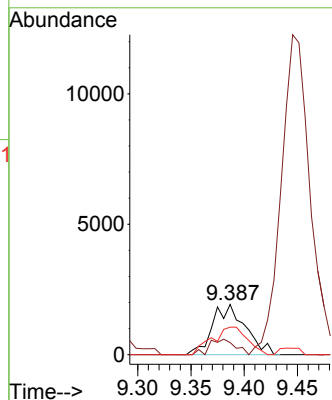
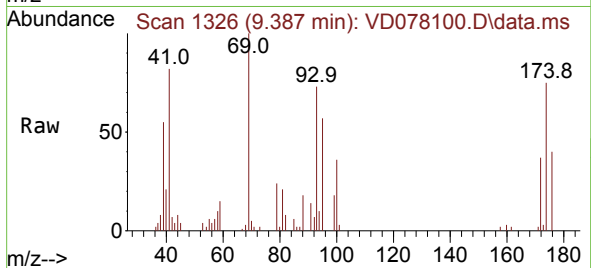
Tgt Ion: 88 Resp: 4111

Ion Ratio Lower Upper

88 100

43 24.1 19.0 28.6

58 58.8 43.5 65.3



#50

Toluene-d8

Concen: 56.743 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078100.D

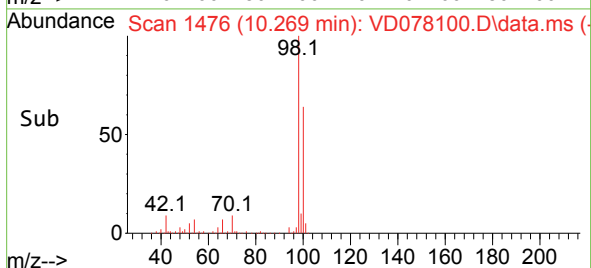
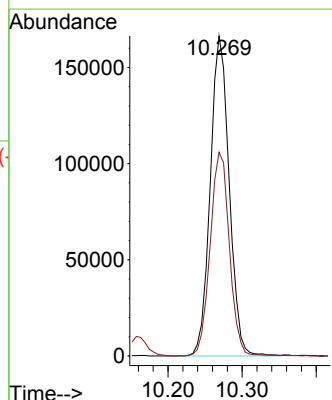
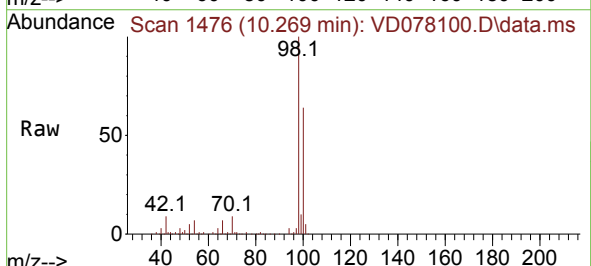
Acq: 29 Dec 2023 10:56

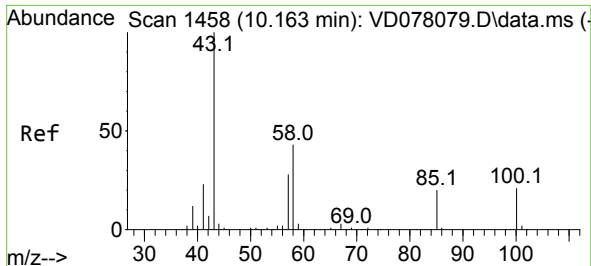
Tgt Ion: 98 Resp: 294775

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

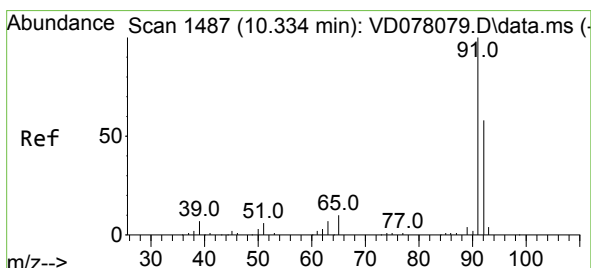
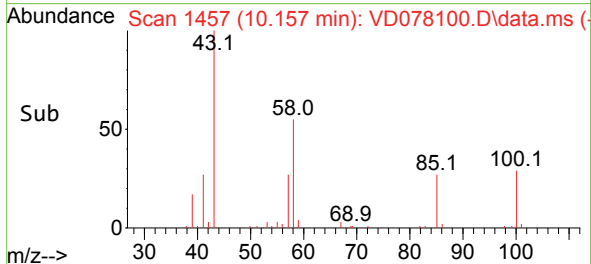
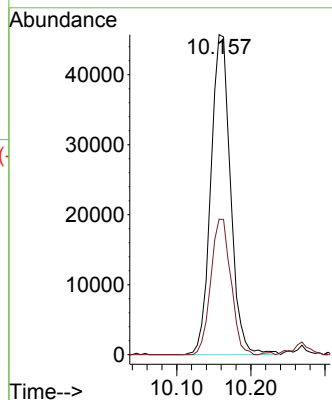
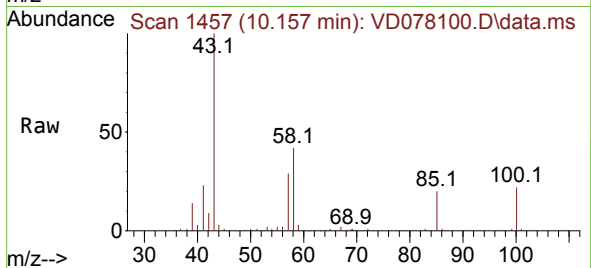




#51
4-Methyl-2-Pentanone
Concen: 118.912 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

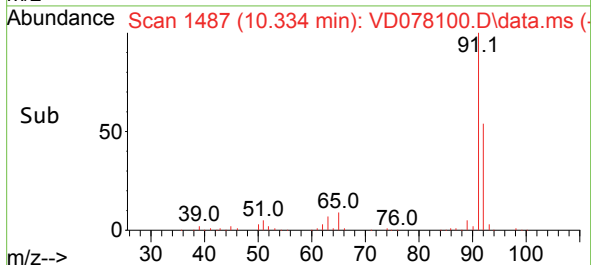
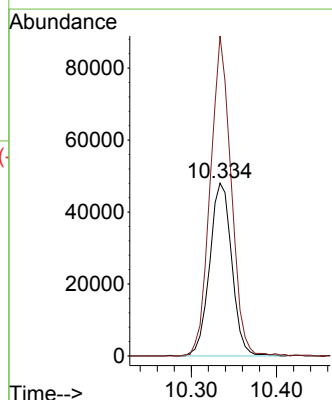
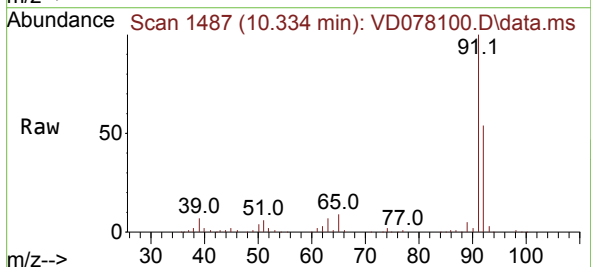
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

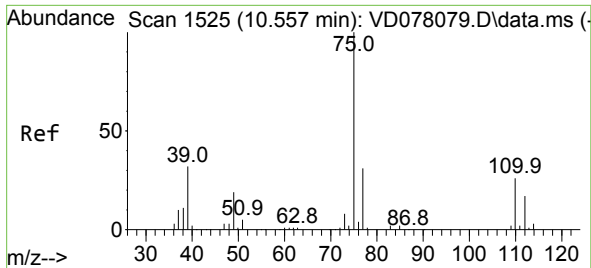
Tgt Ion: 43 Resp: 84398
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3



#52
Toluene
Concen: 22.283 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 92 Resp: 86531
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4

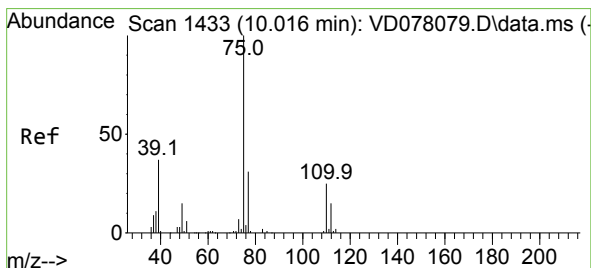
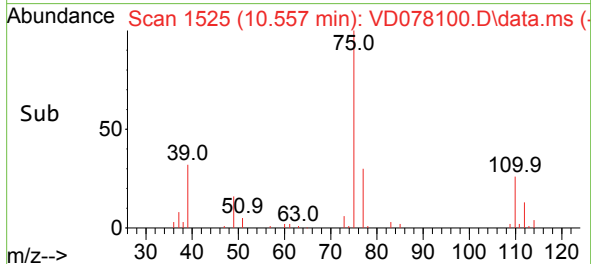
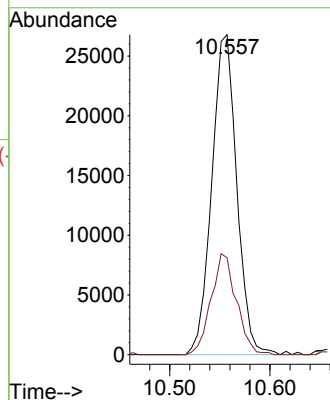
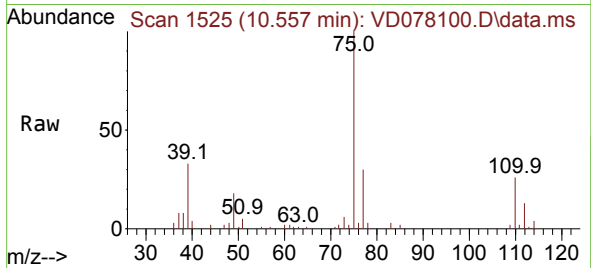




#53
 t-1,3-Dichloropropene
 Concen: 23.132 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

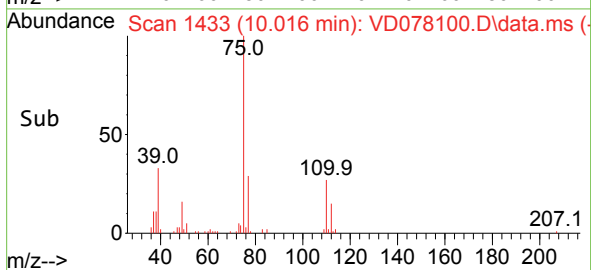
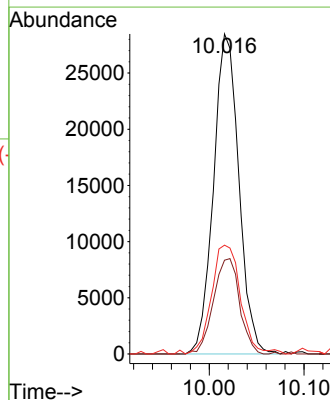
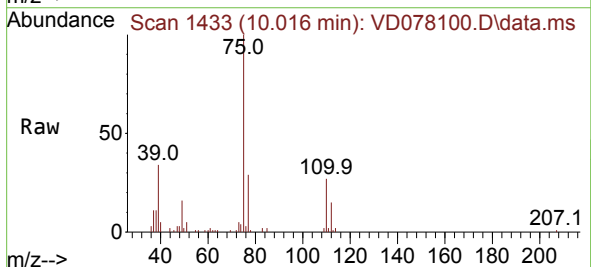
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

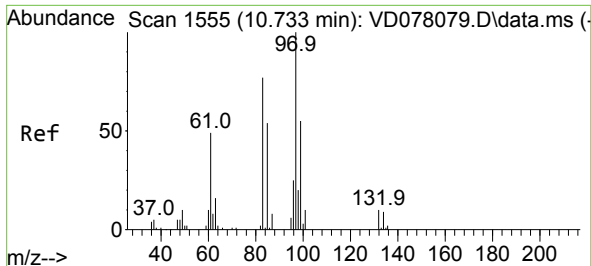
Tgt Ion: 75 Resp: 46324
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.038 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

Tgt Ion: 75 Resp: 52999
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.5 38.3
 39 33.2 22.1 33.1#

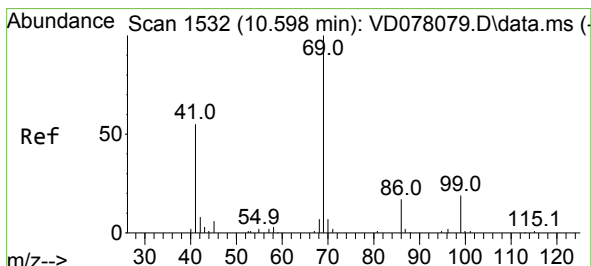
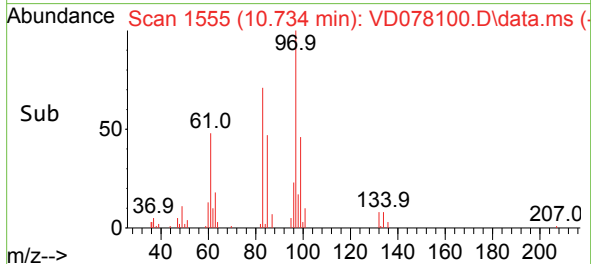
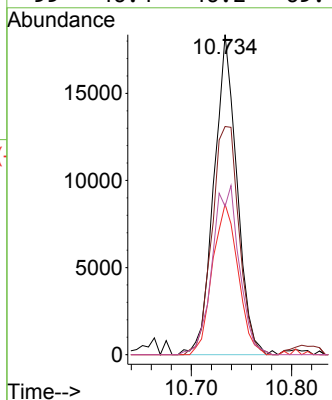
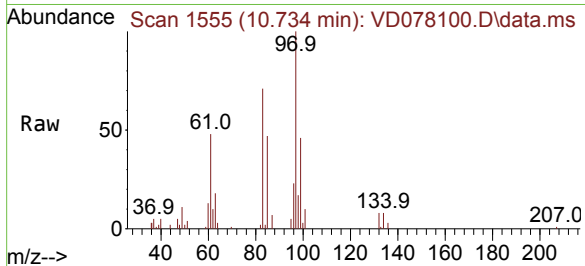




#55
 1,1,2-Trichloroethane
 Concen: 24.532 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

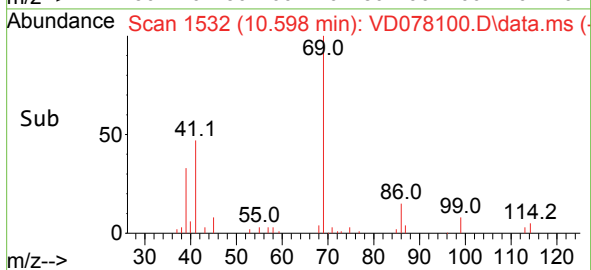
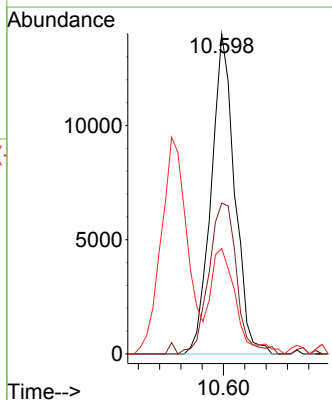
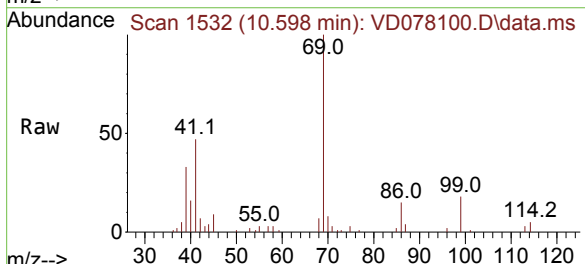
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

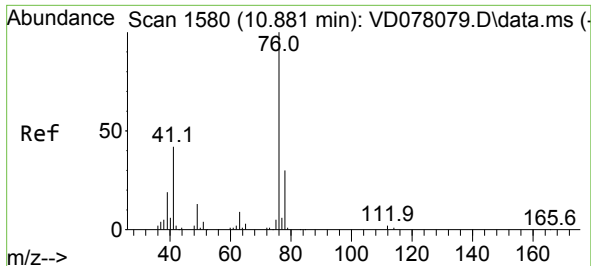
Tgt Ion:	97	Resp:	29335
Ion	Ratio	Lower	Upper
97	100		
83	71.3	65.8	98.6
85	47.0	45.7	68.5
99	46.4	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 22.649 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

Tgt Ion:	69	Resp:	21493
Ion	Ratio	Lower	Upper
69	100		
41	55.7	39.1	58.7
39	35.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 22.834 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

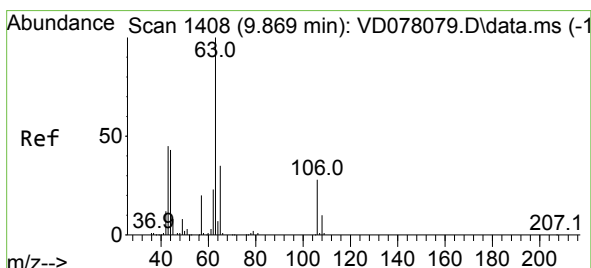
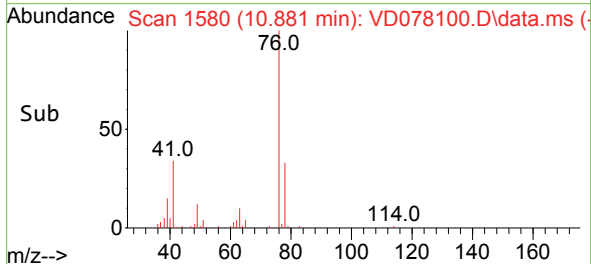
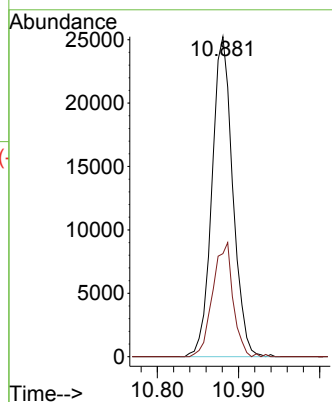
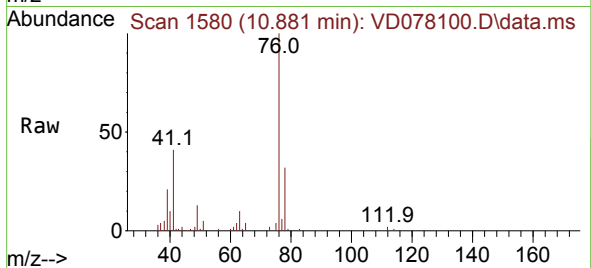
VD1229SBS01

Tgt Ion: 76 Resp: 44860

Ion Ratio Lower Upper

76 100

78 35.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.521 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078100.D

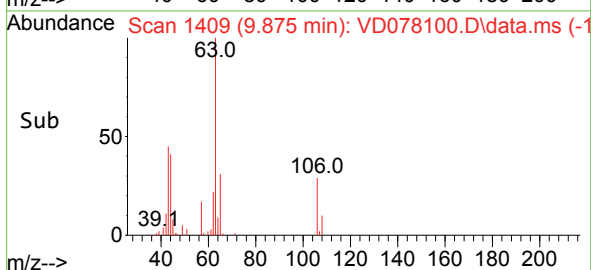
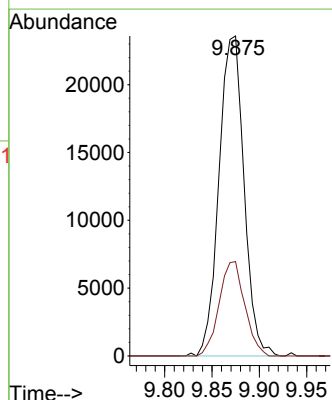
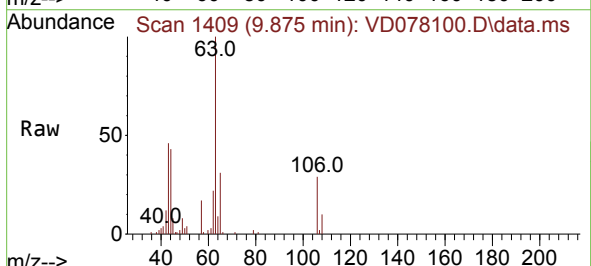
Acq: 29 Dec 2023 10:56

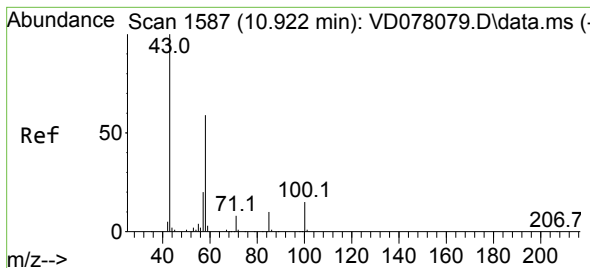
Tgt Ion: 63 Resp: 43353

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

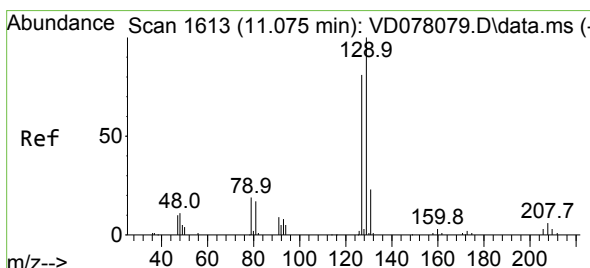
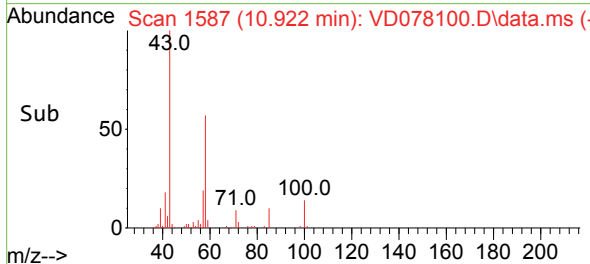
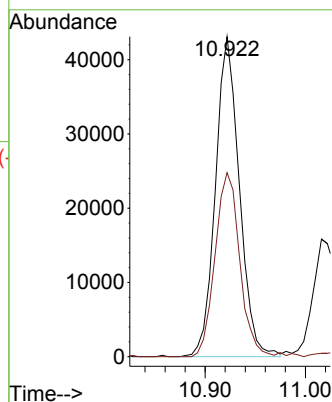
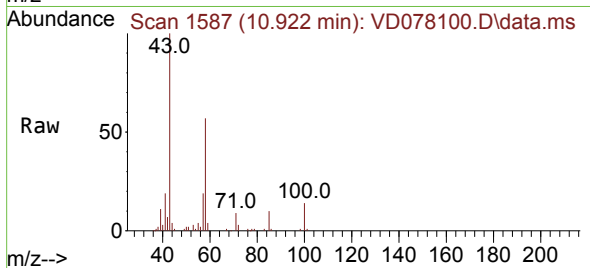




#59
2-Hexanone
Concen: 129.308 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

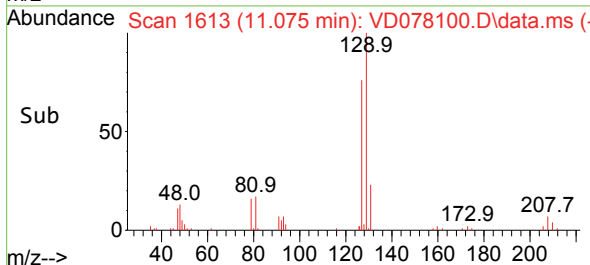
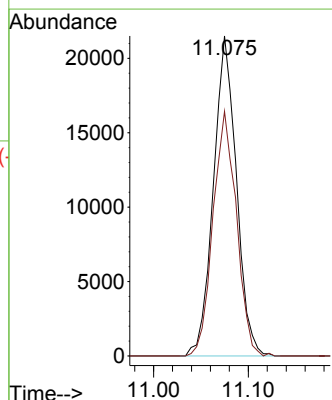
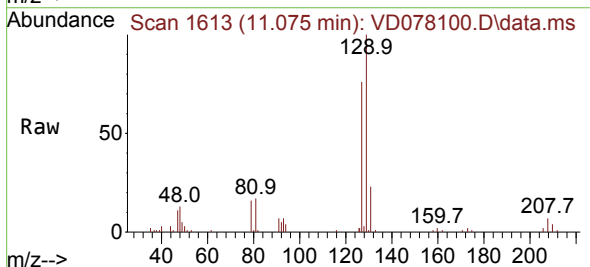
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

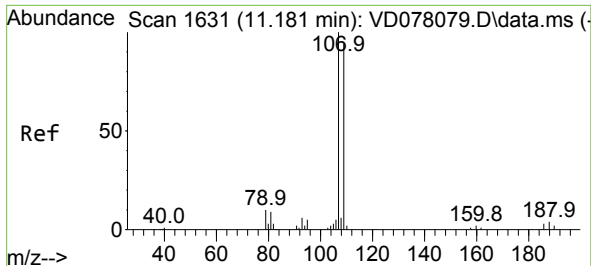
Tgt Ion: 43 Resp: 71289
Ion Ratio Lower Upper
43 100
58 59.3 34.1 102.2



#60
Dibromochloromethane
Concen: 23.805 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 129 Resp: 36263
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

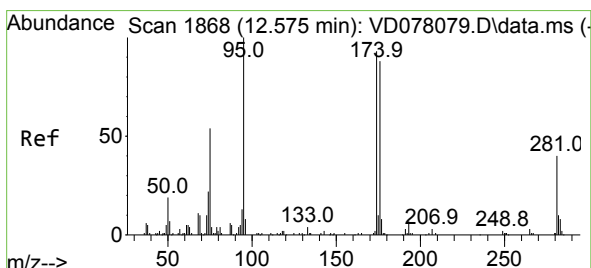
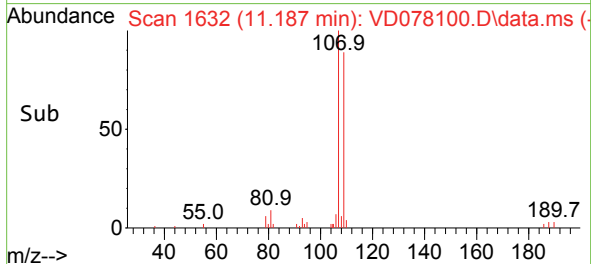
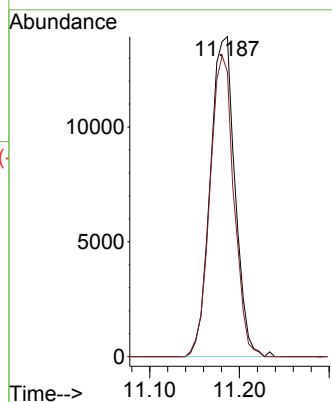
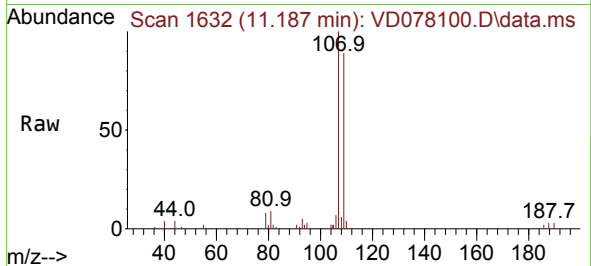




#61
1,2-Dibromoethane
Concen: 23.232 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

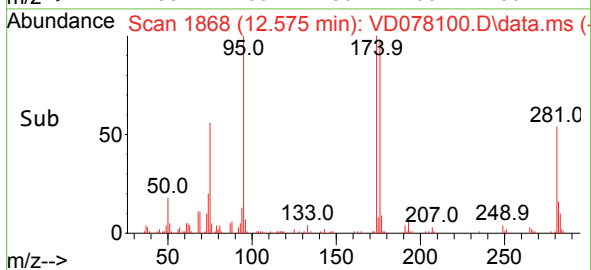
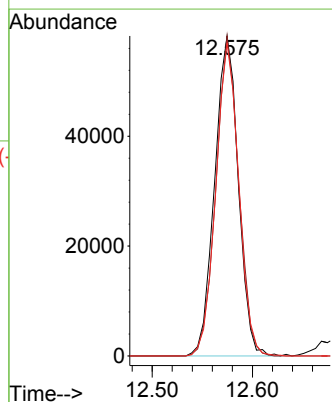
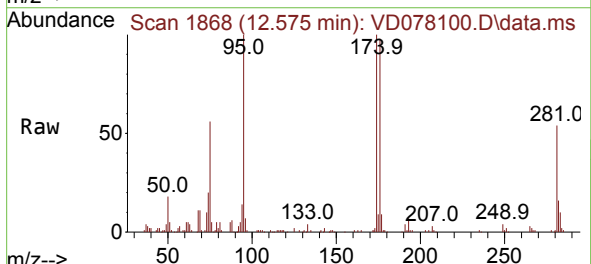
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

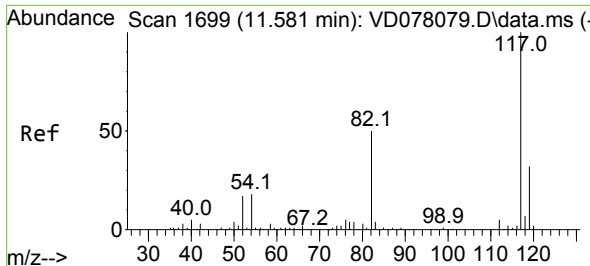
Tgt Ion:107 Resp: 26633
Ion Ratio Lower Upper
107 100
109 91.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.961 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 95 Resp: 95211
Ion Ratio Lower Upper
95 100
174 95.8 0.0 201.8
176 95.2 0.0 191.8

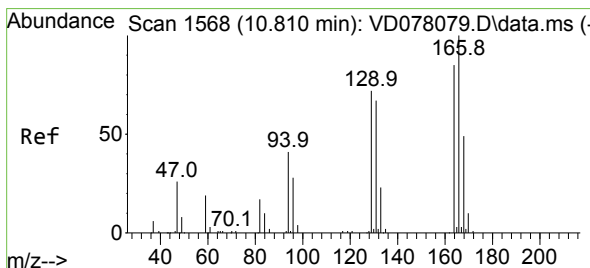
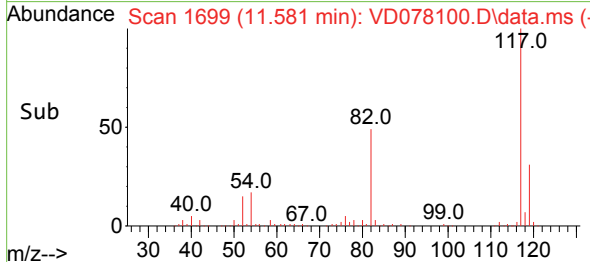
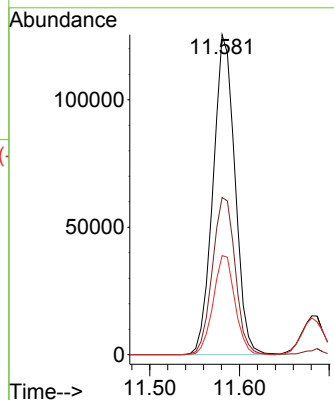
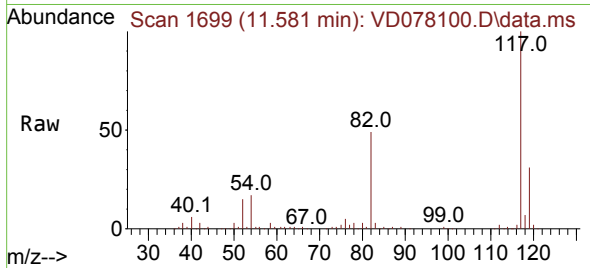




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

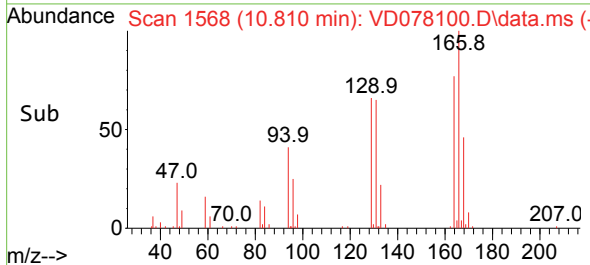
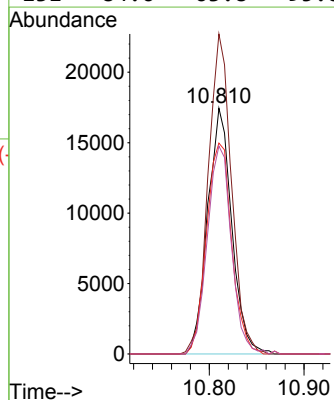
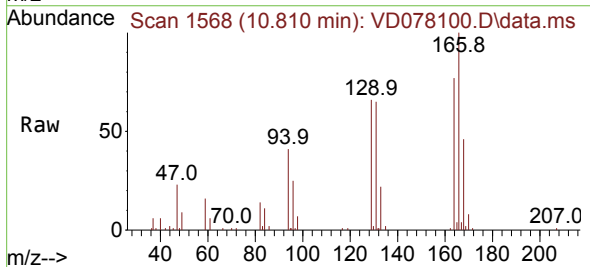
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

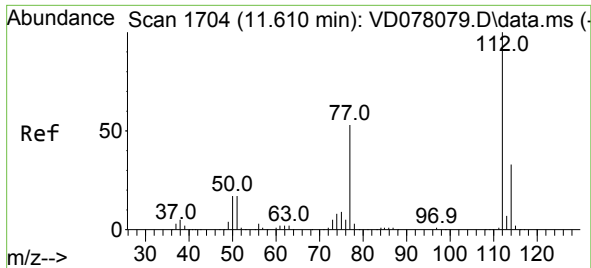
Tgt Ion:117 Resp: 213152
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 21.456 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion:164 Resp: 30903
Ion Ratio Lower Upper
164 100
166 130.2 99.2 148.8
129 85.8 68.4 102.6
131 84.6 63.8 95.8

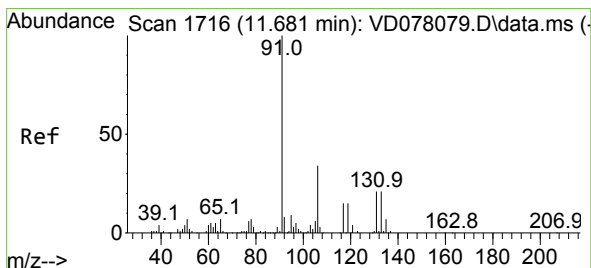
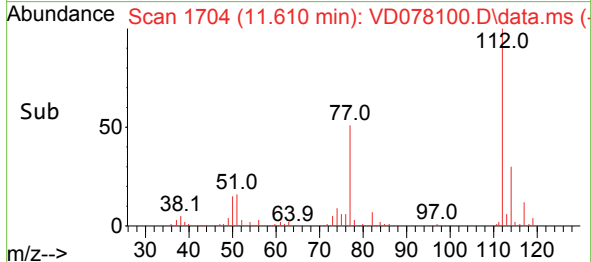
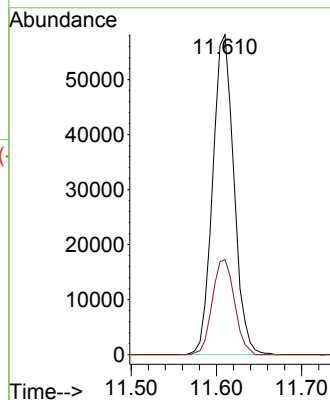
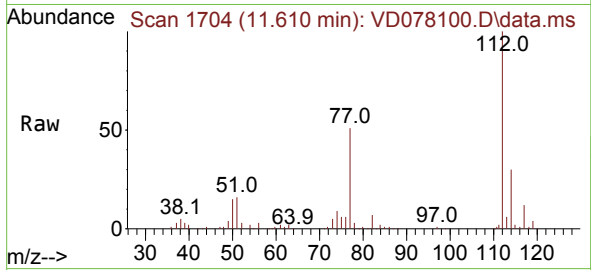




#65
Chlorobenzene
Concen: 22.218 ug/l
RT: 11.610 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

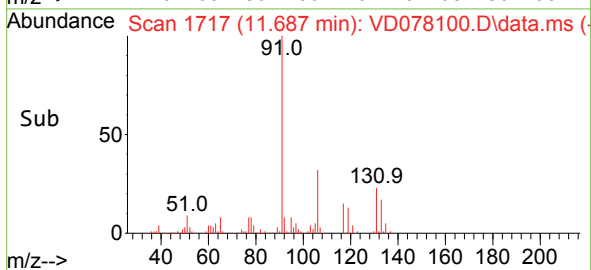
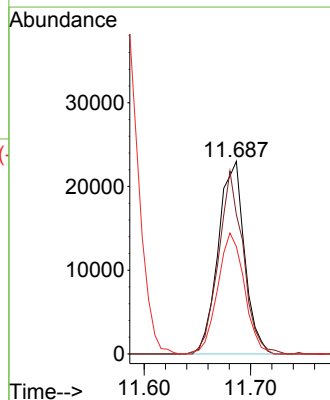
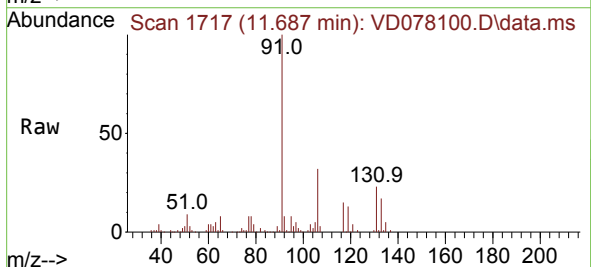
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

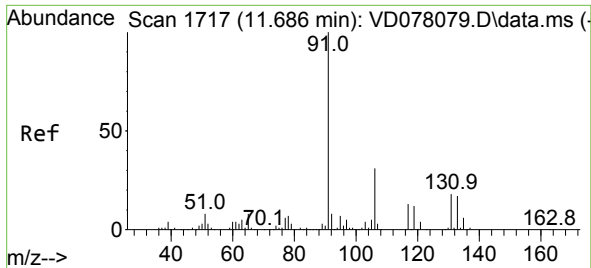
Tgt Ion:112 Resp: 100610
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.985 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion:131 Resp: 39395
Ion Ratio Lower Upper
131 100
133 89.2 48.5 145.5
119 63.8 35.6 106.9

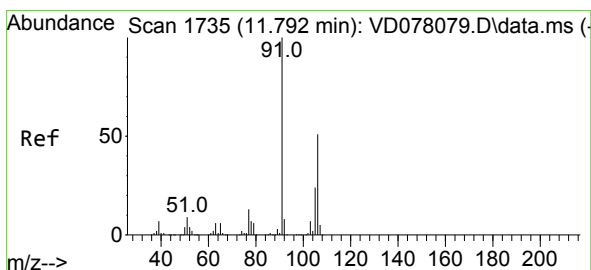
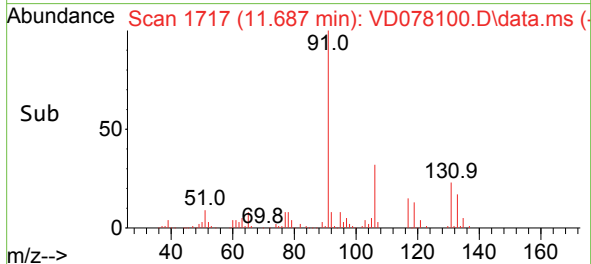
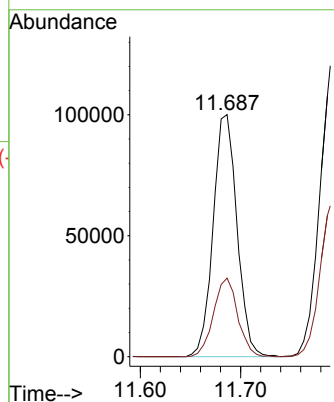
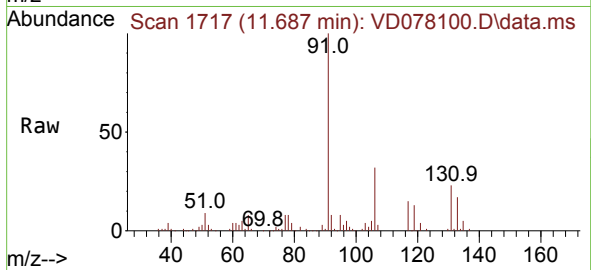




#67
Ethyl Benzene
Concen: 20.963 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

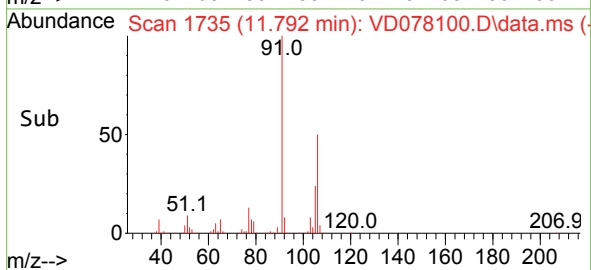
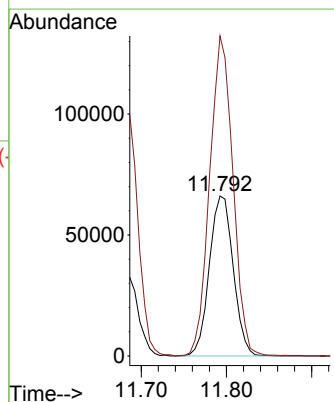
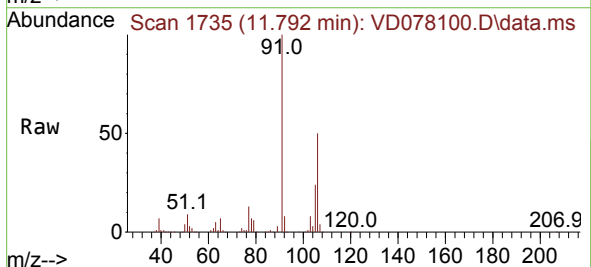
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

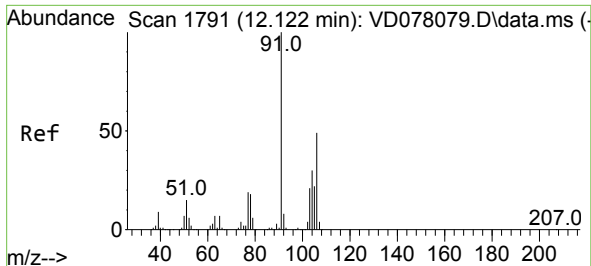
Tgt Ion: 91 Resp: 165497
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7



#68
m/p-Xylenes
Concen: 41.815 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 106 Resp: 128474
Ion Ratio Lower Upper
106 100
91 195.6 147.0 220.6

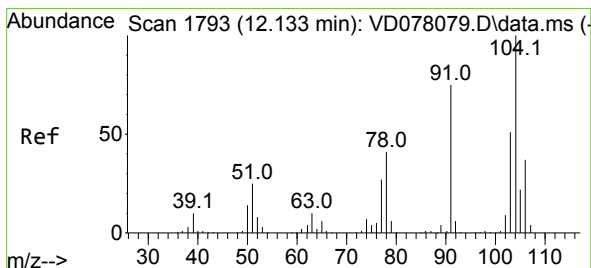
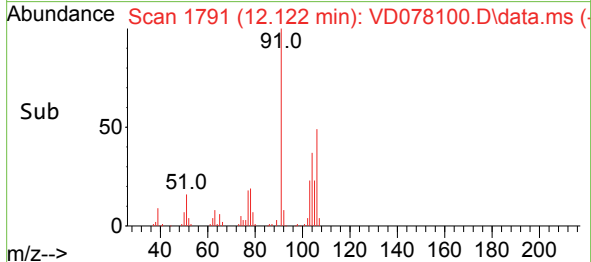
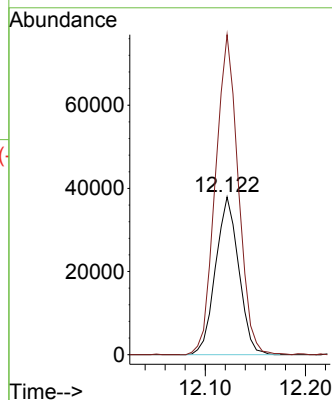
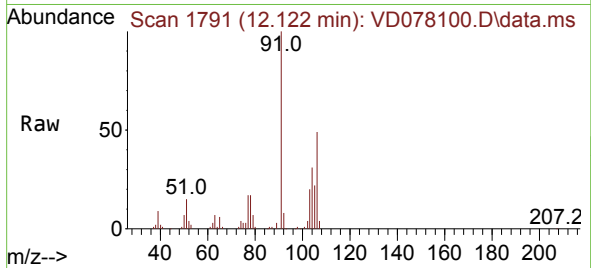




#69
o-Xylene
Concen: 21.247 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

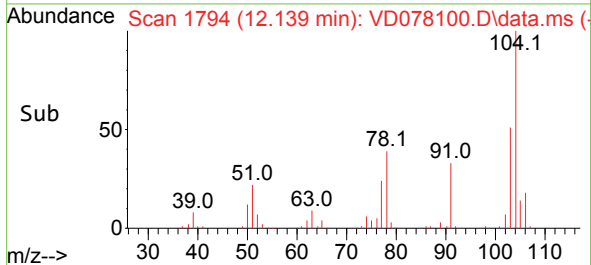
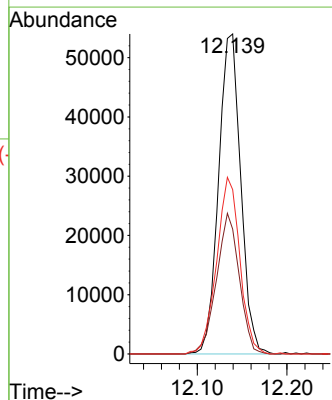
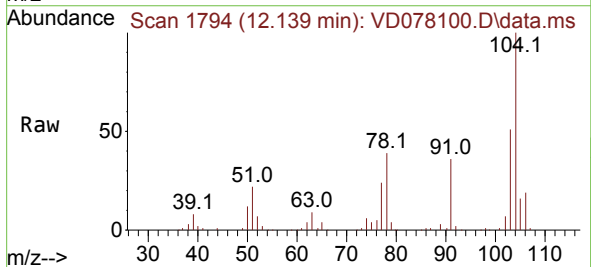
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

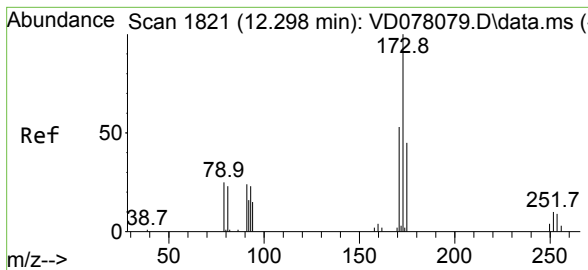
Tgt Ion:106 Resp: 60842
Ion Ratio Lower Upper
106 100
91 200.3 97.9 293.6



#70
Styrene
Concen: 21.895 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion:104 Resp: 92569
Ion Ratio Lower Upper
104 100
78 45.2 33.2 49.8
103 57.7 43.6 65.4

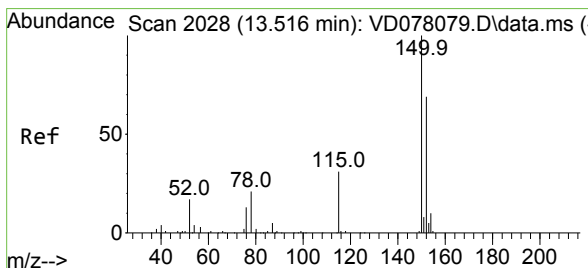
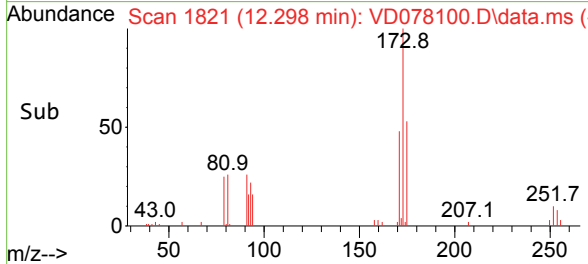
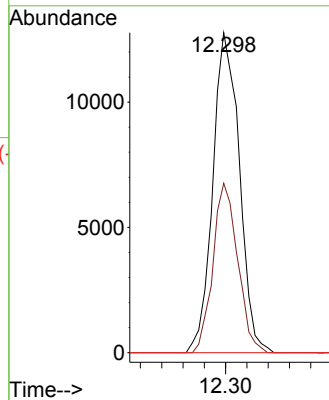
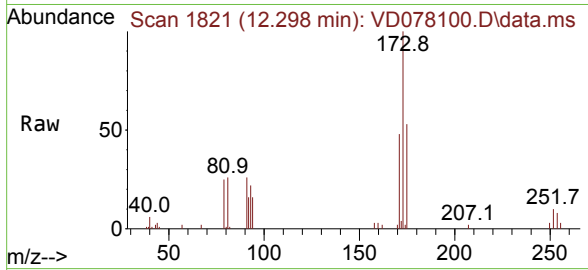




#71
Bromoform
Concen: 23.351 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

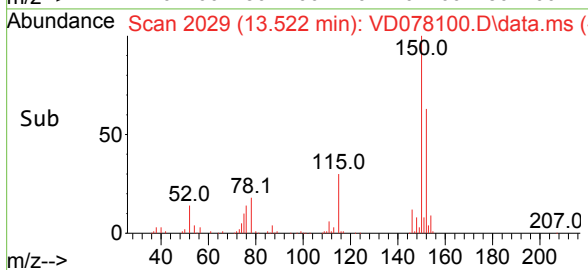
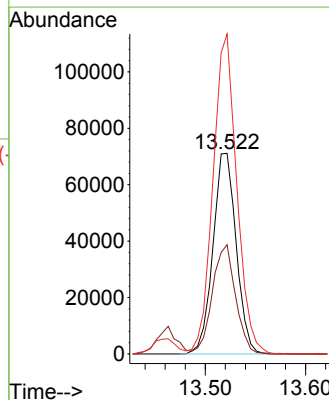
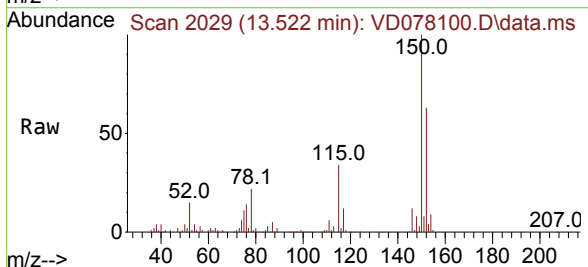
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

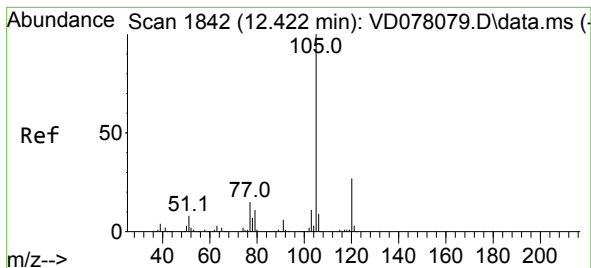
Tgt Ion:173 Resp: 22080
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion:152 Resp: 114439
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 163.1 0.0 353.6





#73

Isopropylbenzene

Concen: 20.337 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

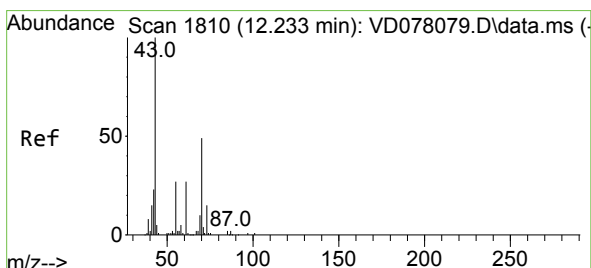
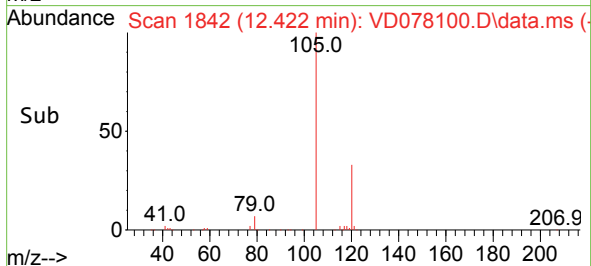
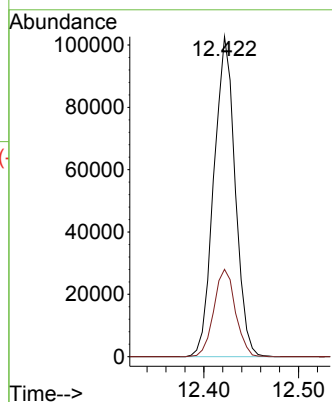
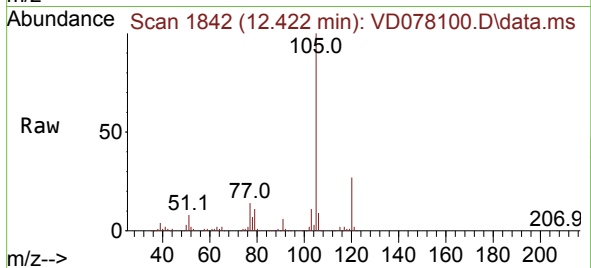
VD1229SBS01

Tgt Ion:105 Resp: 160295

Ion Ratio Lower Upper

105 100

120 27.7 14.3 42.9



#74

N-ethyl acetate

Concen: 21.993 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Tgt Ion: 43 Resp: 28778

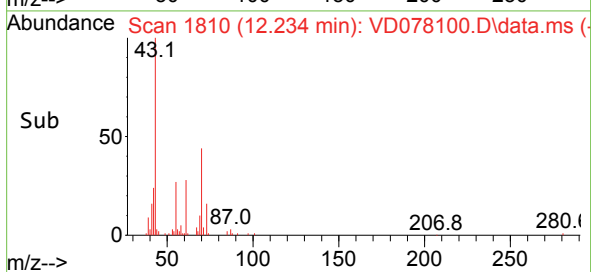
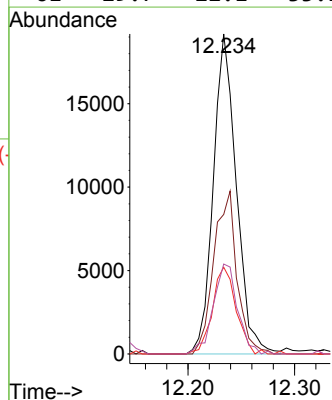
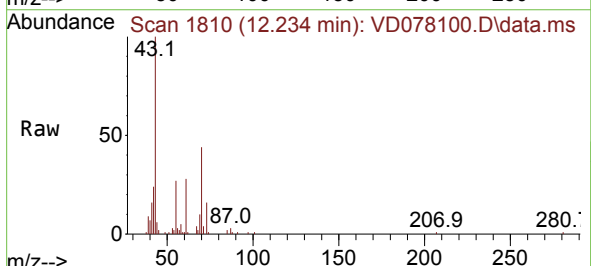
Ion Ratio Lower Upper

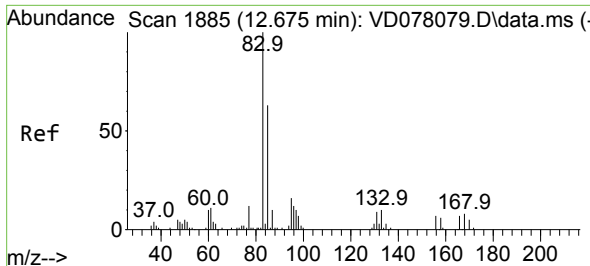
43 100

70 51.2 45.0 67.4

55 28.0 23.8 35.6

61 29.7 22.1 33.1

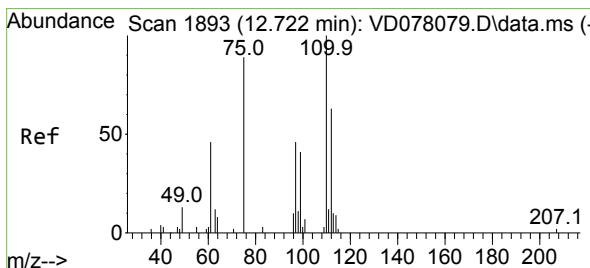
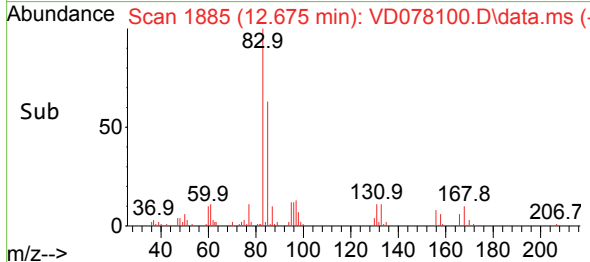
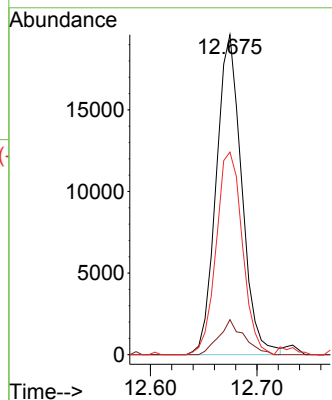
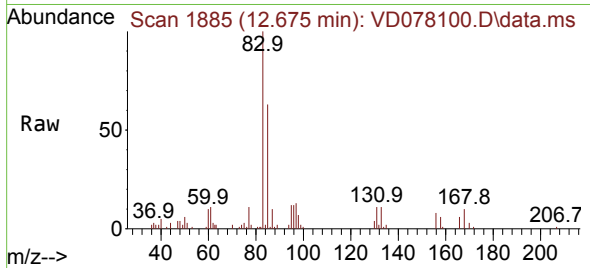




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.739 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

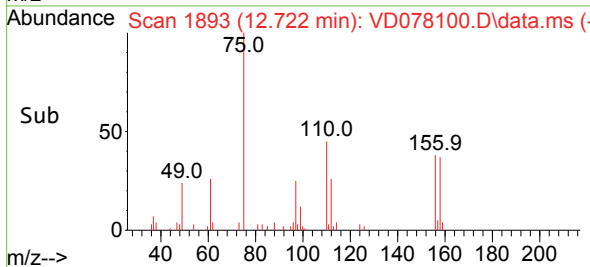
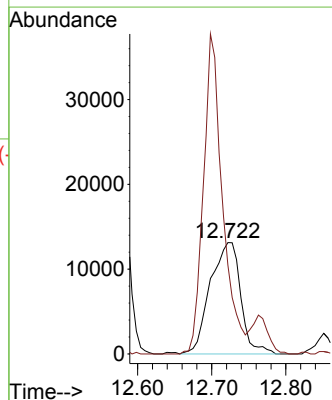
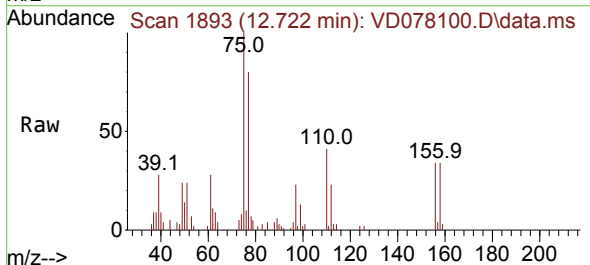
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

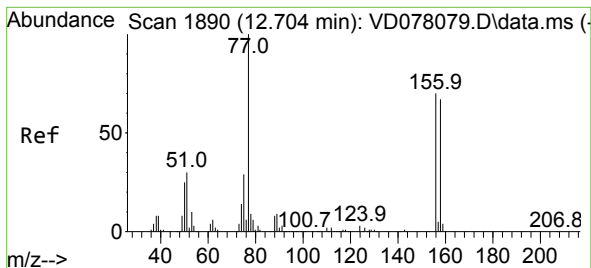
Tgt Ion: 83 Resp: 32574
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.3
 85 65.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 38.867 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078100.D
 Acq: 29 Dec 2023 10:56

Tgt Ion: 75 Resp: 37525
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.709 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

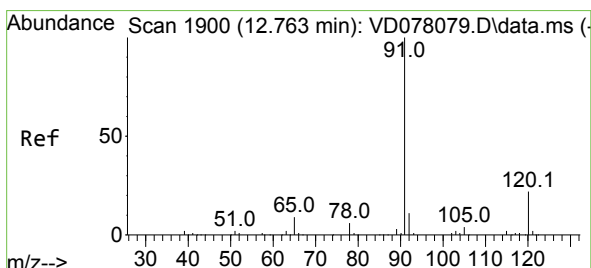
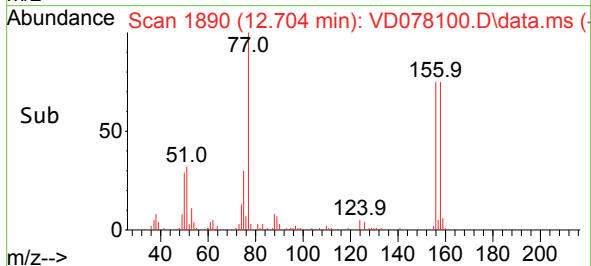
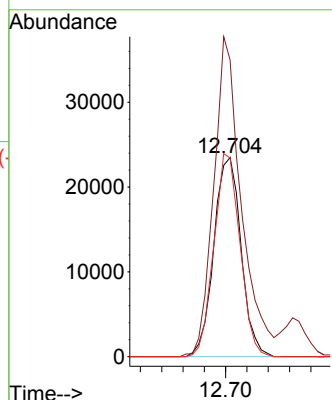
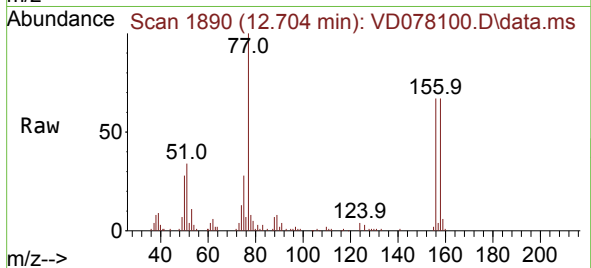
Tgt Ion:156 Resp: 41626

Ion Ratio Lower Upper

156 100

77 162.9 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.896 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078100.D

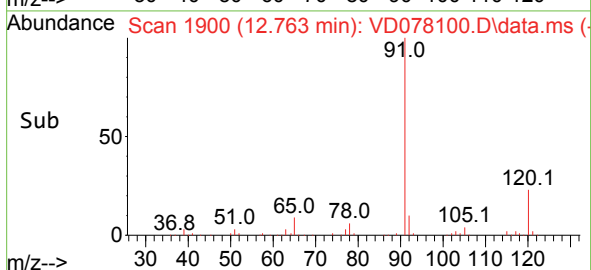
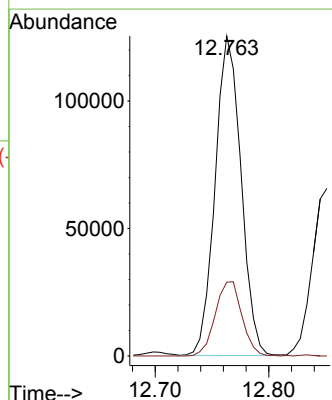
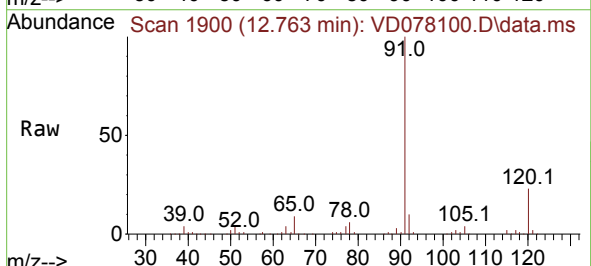
Acq: 29 Dec 2023 10:56

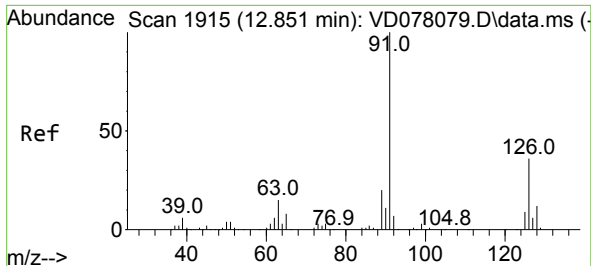
Tgt Ion: 91 Resp: 198253

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2

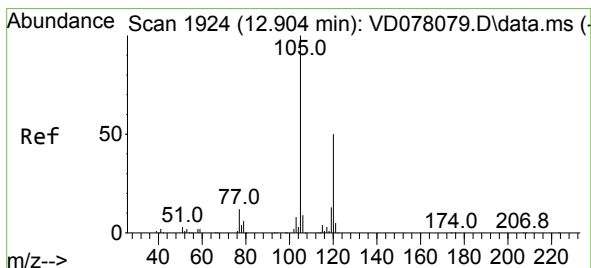
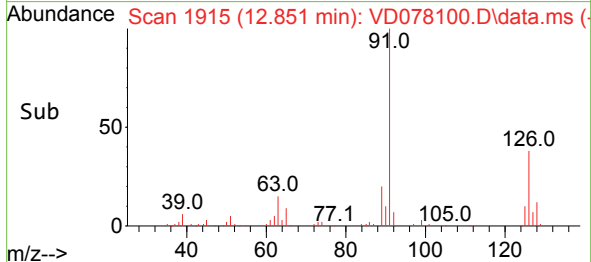
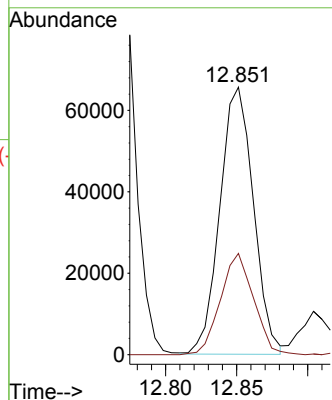
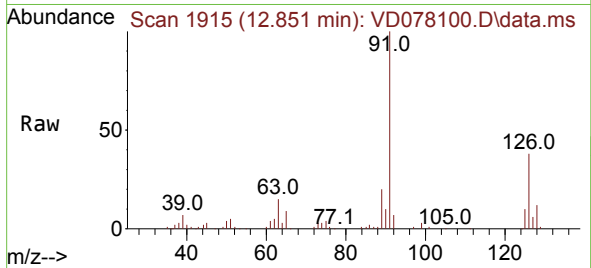




#79
2-Chlorotoluene
Concen: 21.010 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

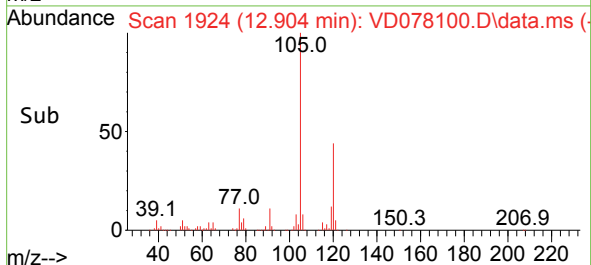
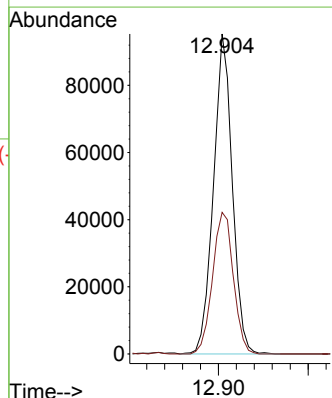
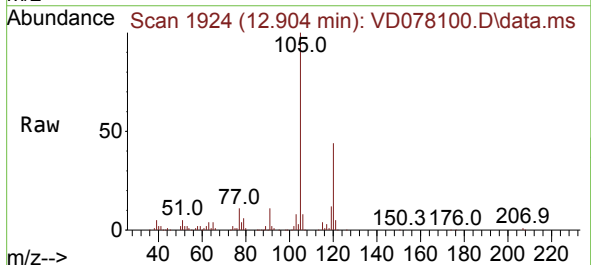
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

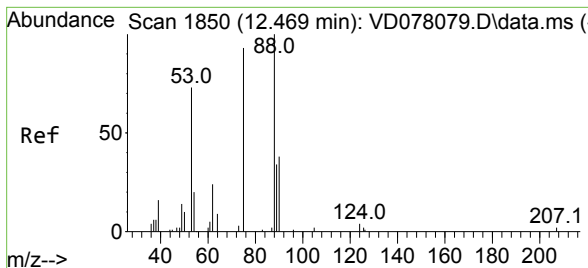
Tgt Ion: 91 Resp: 107820
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.270 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 105 Resp: 138668
Ion Ratio Lower Upper
105 100
120 48.9 26.4 79.2

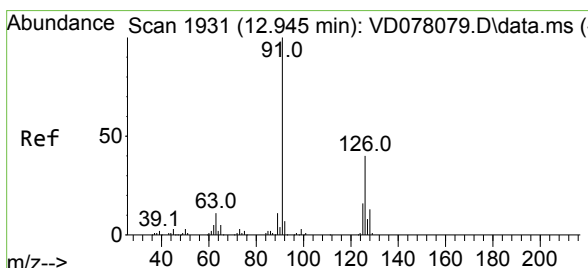
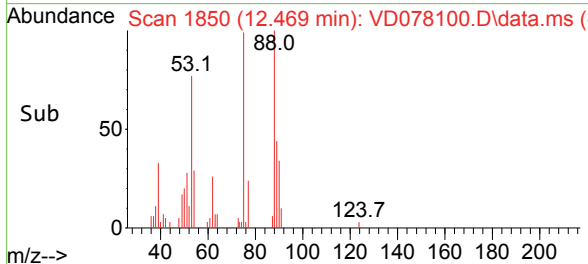
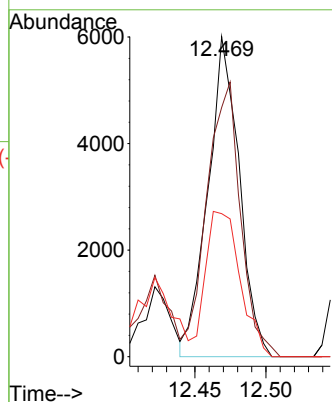
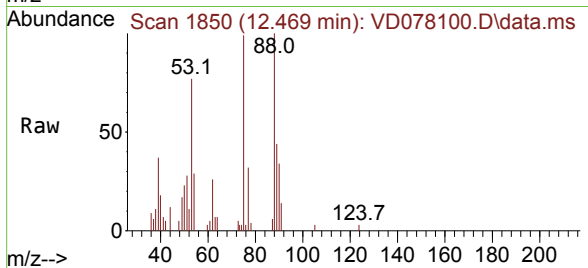




#81
trans-1,4-Dichloro-2-butene
Concen: 20.490 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

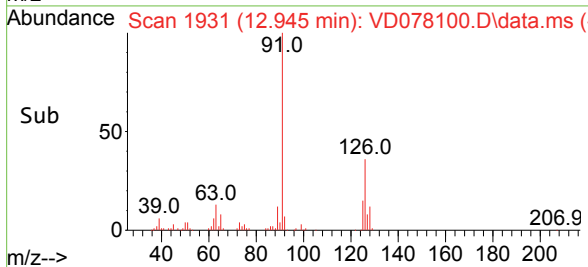
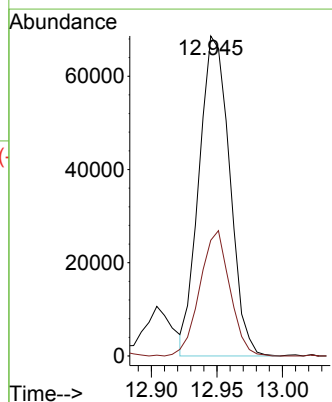
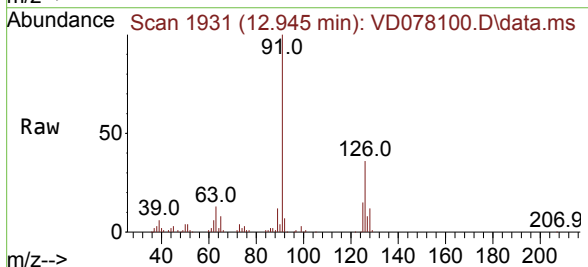
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

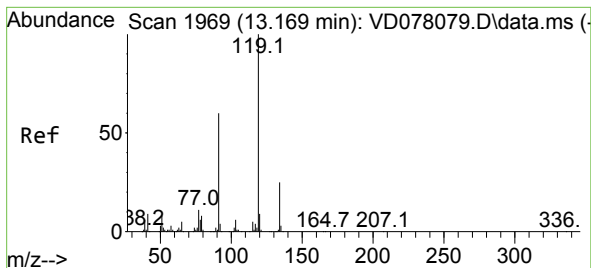
Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.5	63.0	94.4
89	50.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.313 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.3	19.4	58.4





#83

tert-Butylbenzene

Concen: 20.756 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

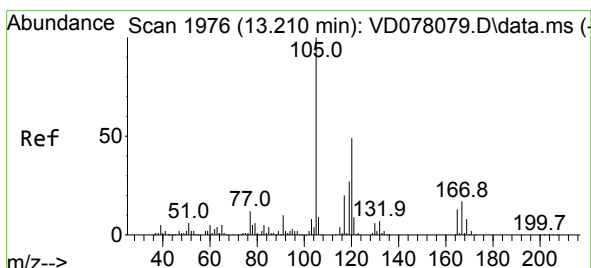
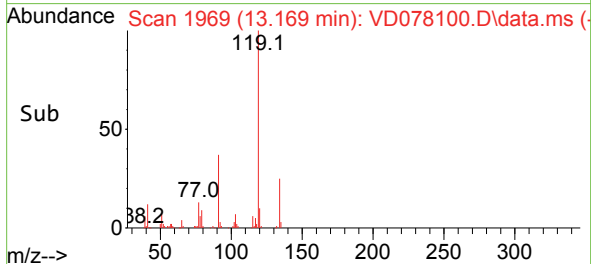
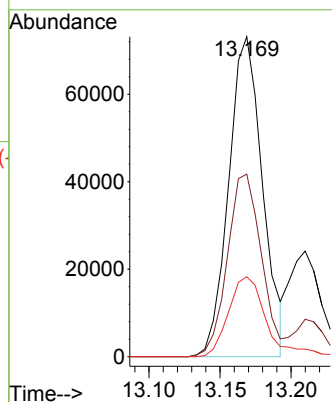
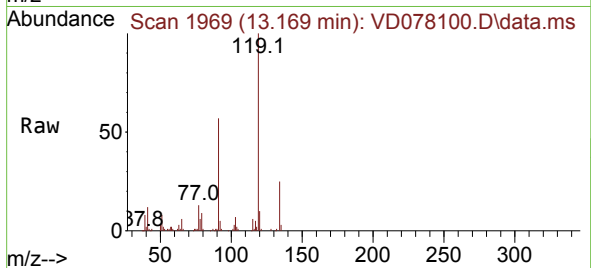
Tgt Ion:119 Resp: 121212

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 27.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.653 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078100.D

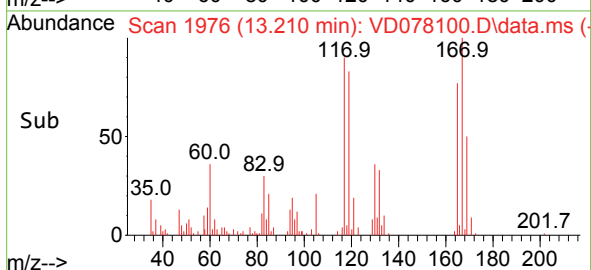
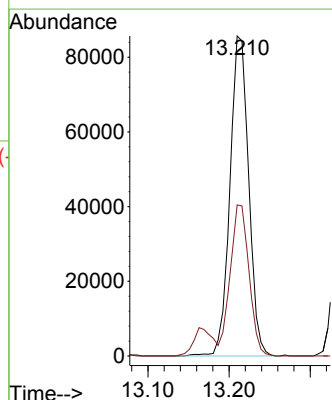
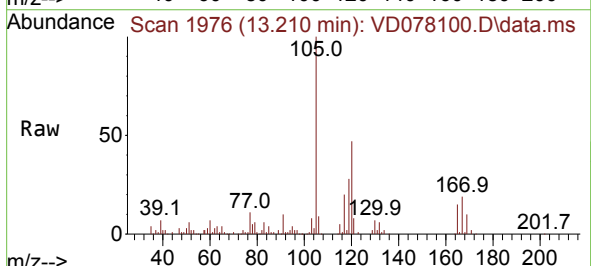
Acq: 29 Dec 2023 10:56

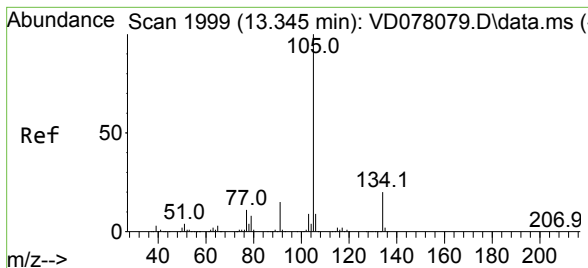
Tgt Ion:105 Resp: 137144

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.671 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

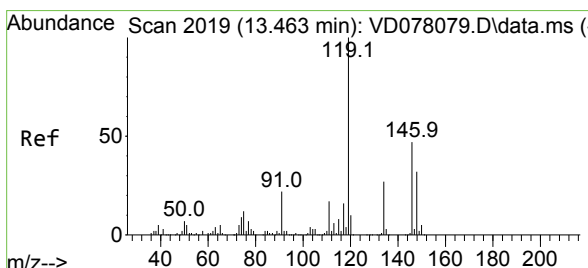
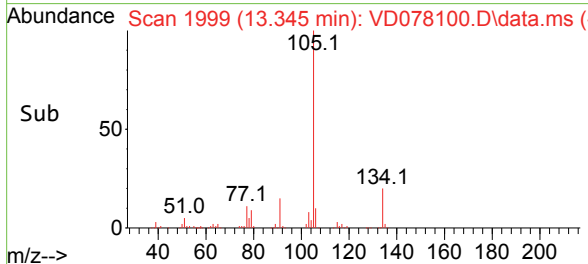
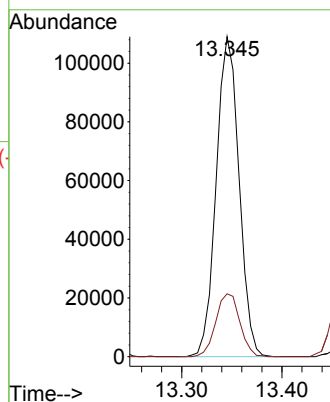
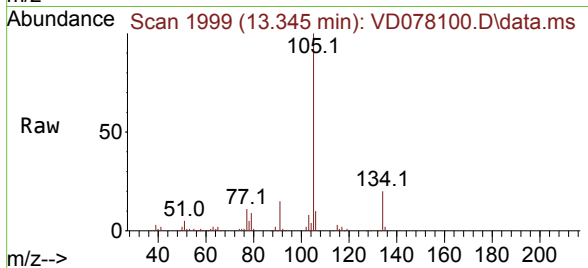
VD1229SBS01

Tgt Ion:105 Resp: 172352

Ion Ratio Lower Upper

105 100

134 20.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.938 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

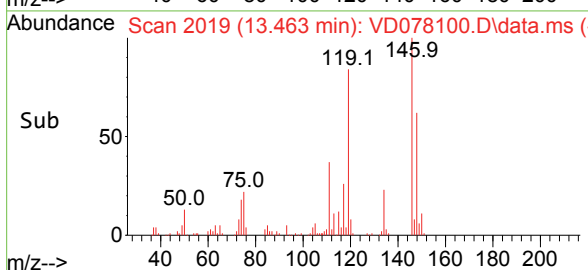
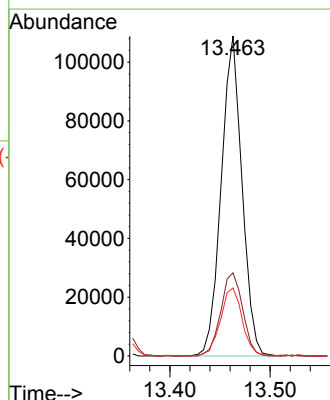
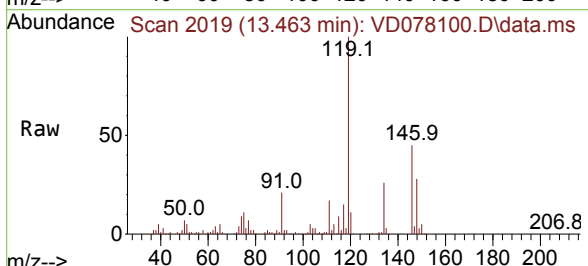
Tgt Ion:119 Resp: 156228

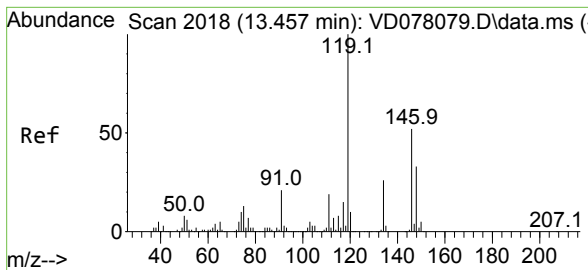
Ion Ratio Lower Upper

119 100

134 27.3 14.2 42.6

91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.298 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

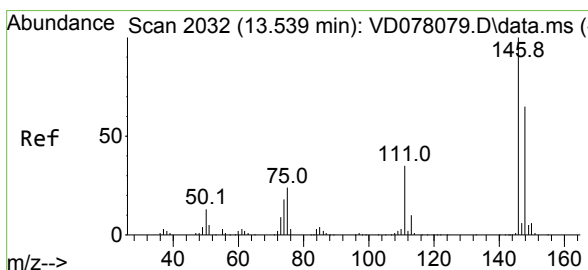
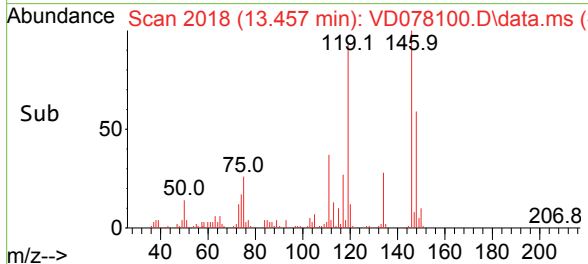
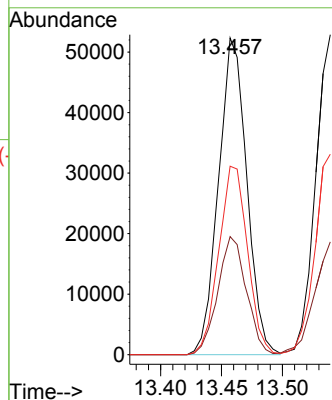
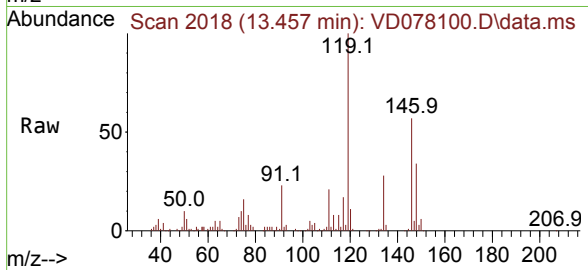
Tgt Ion:146 Resp: 84494

Ion Ratio Lower Upper

146 100

111 37.7 17.9 53.8

148 60.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.478 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

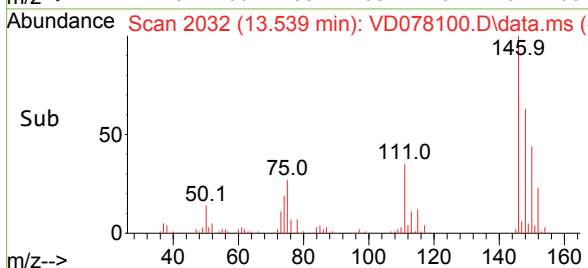
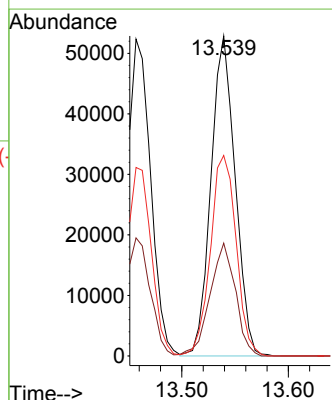
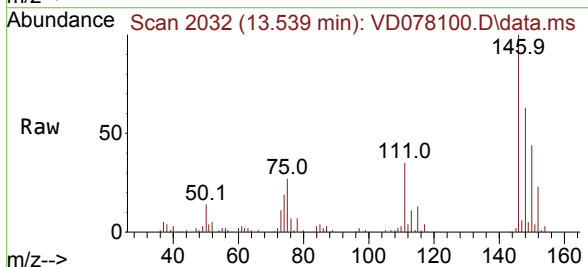
Tgt Ion:146 Resp: 83571

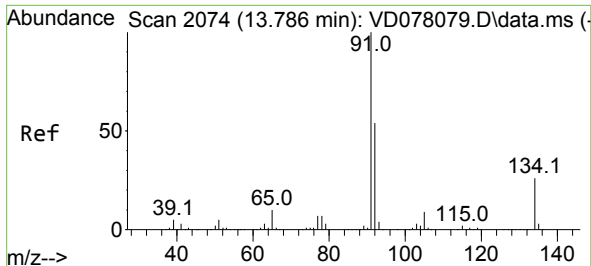
Ion Ratio Lower Upper

146 100

111 36.9 17.4 52.3

148 66.6 31.7 95.1





#89

n-Butylbenzene

Concen: 20.985 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

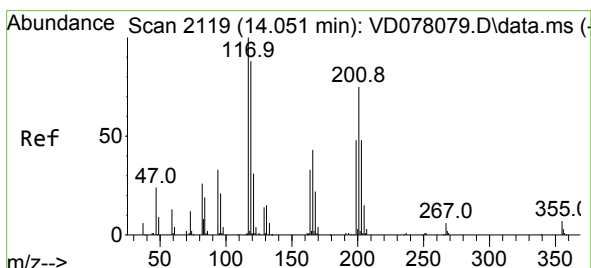
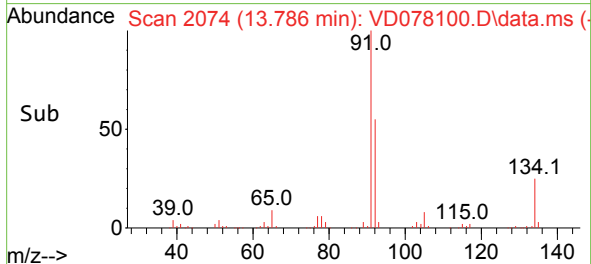
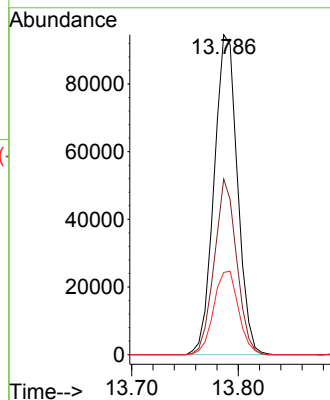
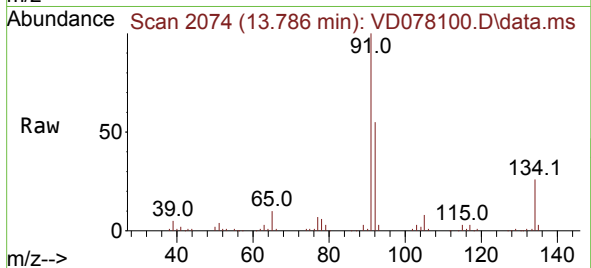
Tgt Ion: 91 Resp: 143726

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 27.8 13.8 41.3



#90

Hexachloroethane

Concen: 21.451 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078100.D

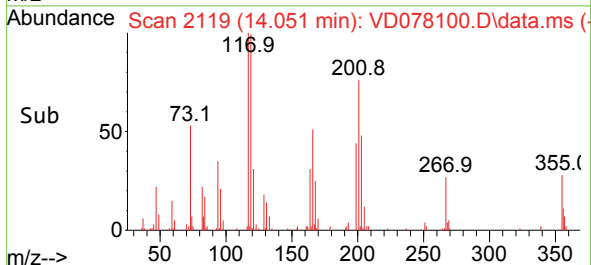
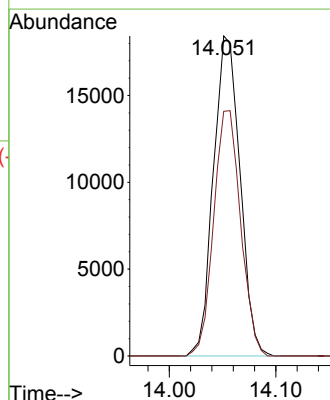
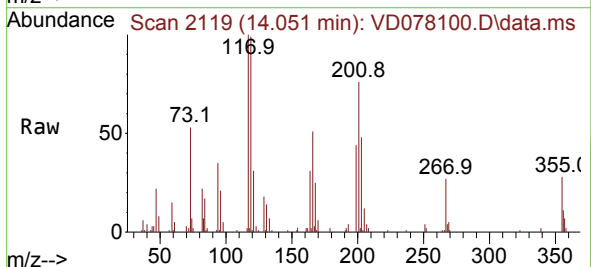
Acq: 29 Dec 2023 10:56

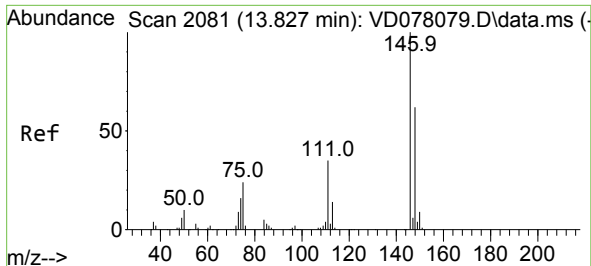
Tgt Ion: 117 Resp: 31998

Ion Ratio Lower Upper

117 100

201 77.5 38.5 115.5

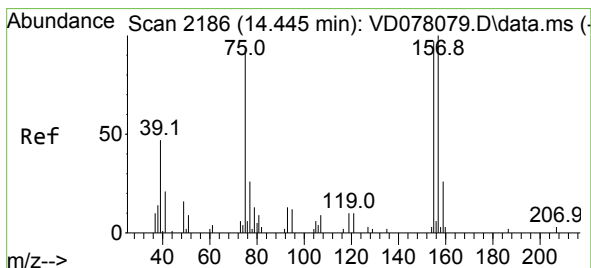
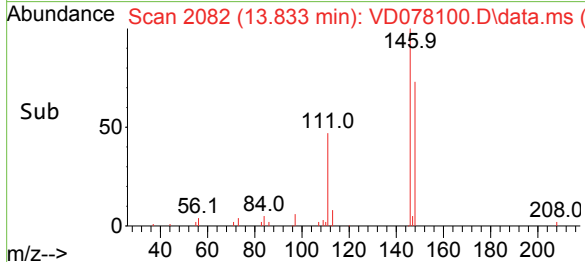
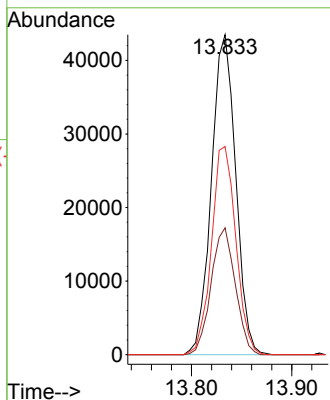
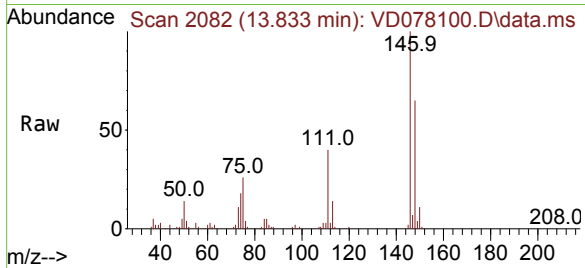




#91
1,2-Dichlorobenzene
Concen: 21.475 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

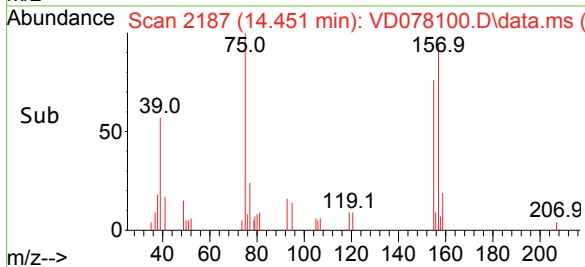
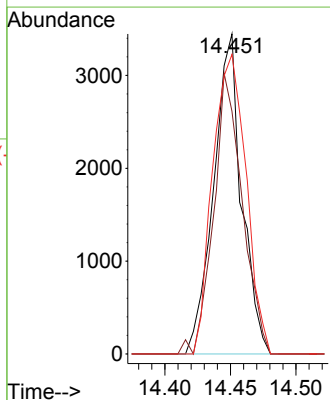
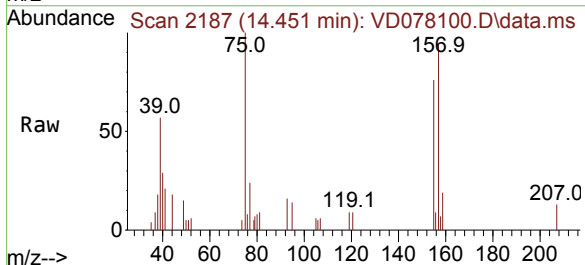
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

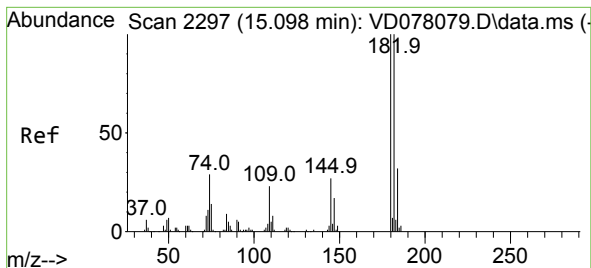
Tgt Ion:146 Resp: 73168
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 65.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.519 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078100.D
Acq: 29 Dec 2023 10:56

Tgt Ion: 75 Resp: 5120
Ion Ratio Lower Upper
75 100
155 89.6 47.9 143.8
157 111.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.071 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

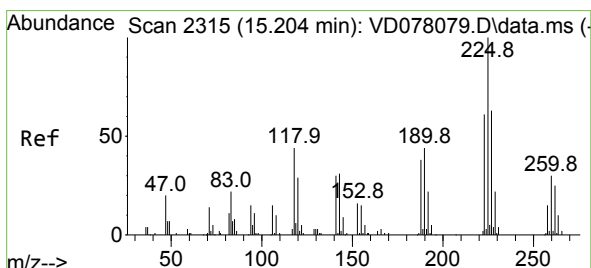
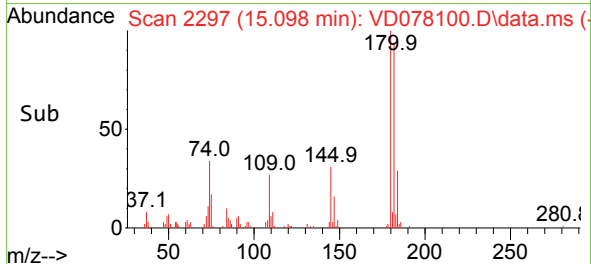
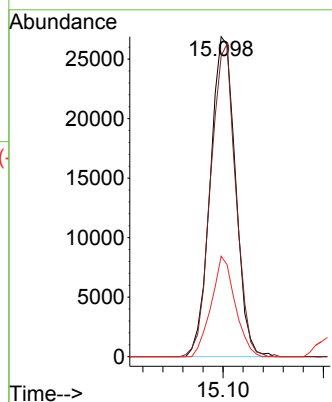
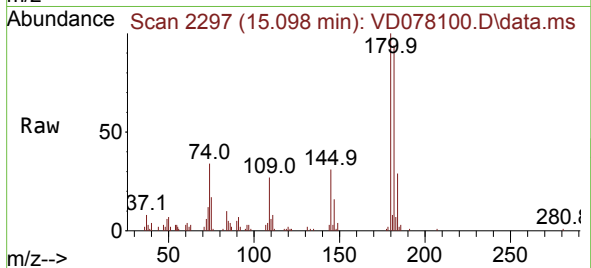
Tgt Ion:180 Resp: 46871

Ion Ratio Lower Upper

180 100

182 96.7 48.5 145.6

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.381 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

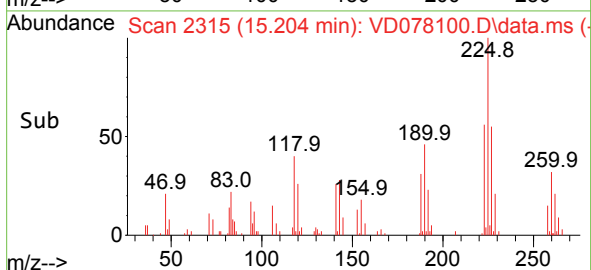
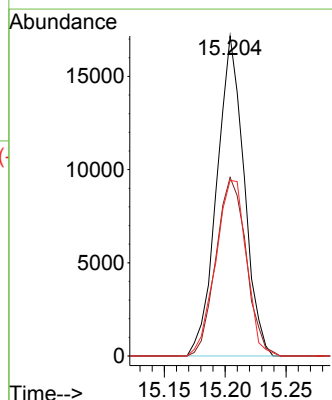
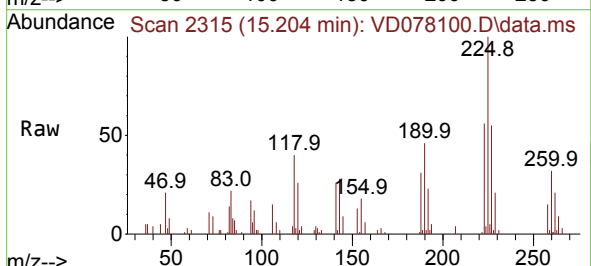
Tgt Ion:225 Resp: 26722

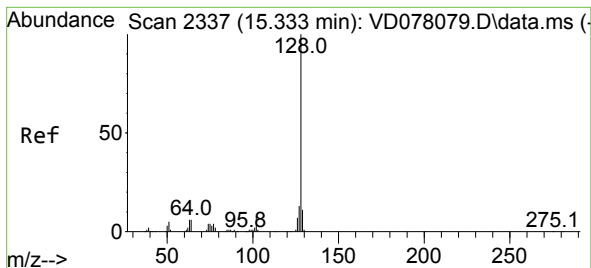
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 61.6 31.7 95.1





#95

Naphthalene

Concen: 21.735 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

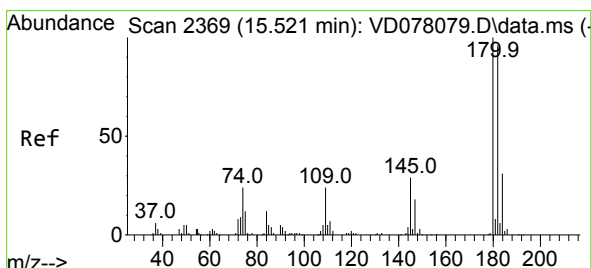
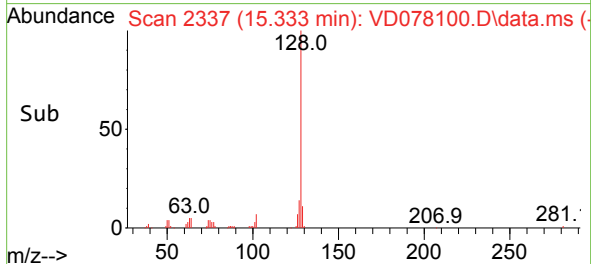
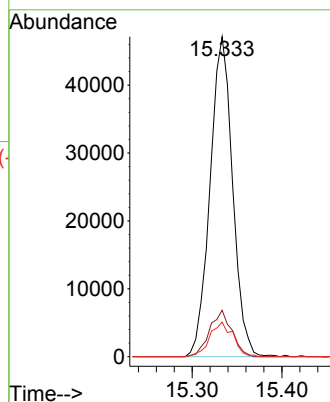
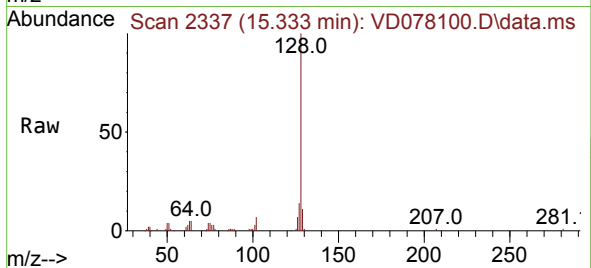
Tgt Ion:128 Resp: 82308

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.494 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078100.D

Acq: 29 Dec 2023 10:56

Tgt Ion:180 Resp: 42457

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 28.8 15.1 45.3

