

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078073.D
 Acq On : 22 Dec 2023 19:23
 Operator : RP/MD
 Sample : 05993-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	57320	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	107632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	105789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	111210	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38055	56.342	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	112.680%	
35) Dibromofluoromethane	7.804	113	23495	31.164	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	62.320%	
50) Toluene-d8	10.269	98	141052	46.713	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	93.420%	
62) 4-Bromofluorobenzene	12.575	95	77470	85.813	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	171.620%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.063	59	574	6.676	ug/l	95
16) Acetone	4.022	43	9577	38.973	ug/l #	80
17) Carbon Disulfide	4.275	76	4541	1.948	ug/l #	61
25) 2-Butanone	7.087	43	3343	3.179	ug/l #	74
29) Tetrahydrofuran	7.499	42	234	2.176	ug/l #	23
31) Cyclohexane	7.887	56	3674	3.058	ug/l #	69
36) 1,1-Dichloropropene	7.875	75	4529	3.756	ug/l #	43
37) Ethyl Acetate	7.087	43	3343	7.109	ug/l #	68
38) Carbon Tetrachloride	7.881	117	5838	4.856	ug/l #	11
39) Methylcyclohexane	9.275	83	21830	15.270	ug/l	93
40) Benzene	8.252	78	63775	18.633	ug/l	97
48) Methyl methacrylate	9.469	41	1013	2.132	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	3496	8.195	ug/l #	82
52) Toluene	10.334	92	194551	91.634	ug/l	99
53) t-1,3-Dichloropropene	10.334	75	2797	2.610	ug/l #	1
55) 1,1,2-Trichloroethane	10.716	97	17772	29.512	ug/l #	22
56) Ethyl methacrylate	10.616	69	10224	19.260	ug/l #	4
59) 2-Hexanone	10.893	43	21372	60.385	ug/l #	20
65) Chlorobenzene	11.610	112	1433	Below Cal	#	72
66) 1,1,1,2-Tetrachloroethane	11.792	131	961	1.092	ug/l #	1
67) Ethyl Benzene	11.681	91	16445025	3733.846	ug/l #	75
68) m/p-Xylenes	11.687	106	7431765	4411.391	ug/l #	74
69) o-Xylene	12.122	106	16518968	10639.377	ug/l #	1
70) Styrene	12.128	104	1487812	644.441	ug/l #	1
73) Isopropylbenzene	12.422	105	10876290	1290.380	ug/l	99
74) N-amyl acetate	12.216	43	117500	70.918	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.634	83	19913	13.549	ug/l #	25
76) 1,2,3-Trichloropropane	12.769	75	328699	340.316	ug/l #	100
78) n-propylbenzene	12.828	91	8970349	873.393	ug/l	89
79) 2-Chlorotoluene	12.857	91	17184409	3122.069	ug/l #	36
80) 1,3,5-Trimethylbenzene	12.769	105	2265515	322.270	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.422	75	122248	256.437	ug/l #	55
82) 4-Chlorotoluene	12.922	91	10705470	1860.469	ug/l #	36
83) tert-Butylbenzene	13.210	119	9878335	1664.466	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.351	105	1647743	234.347	ug/l #	28
85) sec-Butylbenzene	13.351	105	1647743	187.828	ug/l #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
Data File : VD078073.D
Acq On : 22 Dec 2023 19:23
Operator : RP/MD
Sample : 05993-02
Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

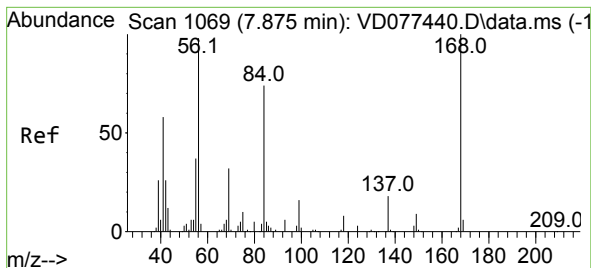
Quant Time: Dec 23 03:40:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.410	119	2616573	333.137	ug/l	100
88) 1,4-Dichlorobenzene	13.545	146	1582	Below Cal	#	1
89) n-Butylbenzene	13.757	91	4539407	614.214	ug/l #	1
90) Hexachloroethane	14.063	117	1244715	861.713	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.422	75	19502	92.437	ug/l #	1
95) Naphthalene	15.328	128	6446462	1647.350	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 23 03:40:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

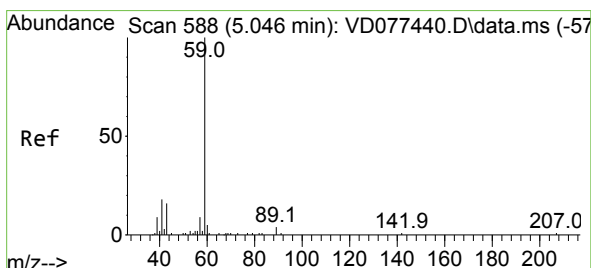
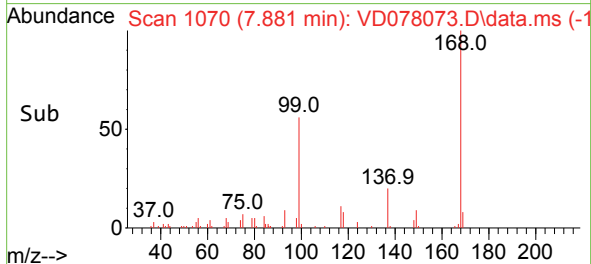
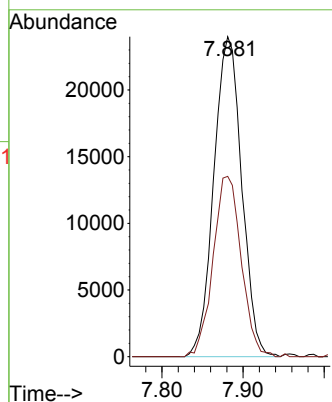
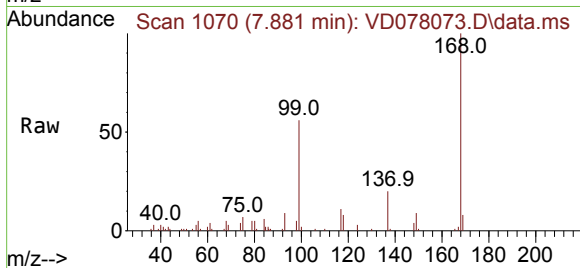
ClientSampleId :

Tgt Ion:168 Resp: 57320

Ion Ratio Lower Upper

168 100

99 56.3 36.7 55.1#



#11

Tert butyl alcohol

Concen: 6.676 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.017 min

Lab File: VD078073.D

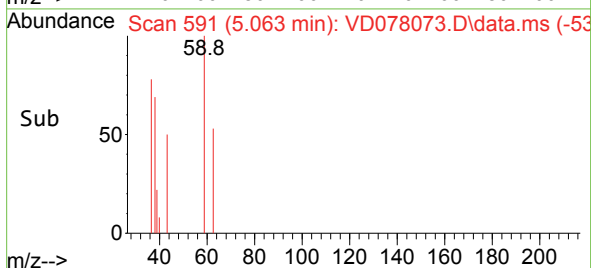
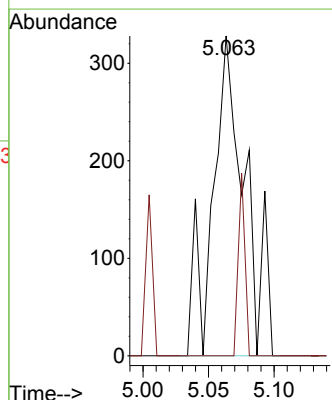
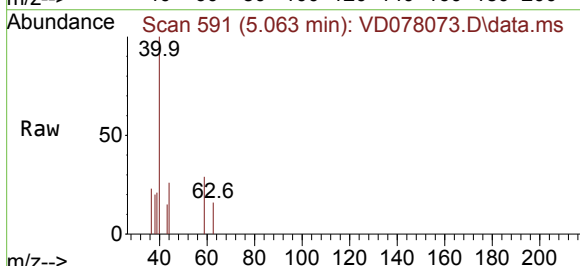
Acq: 22 Dec 2023 19:23

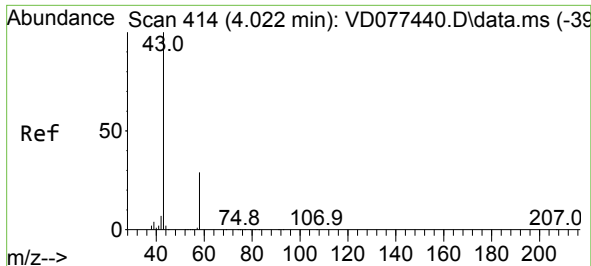
Tgt Ion: 59 Resp: 574

Ion Ratio Lower Upper

59 100

57 11.5 7.8 11.8

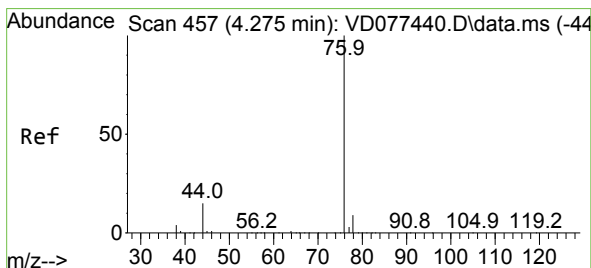
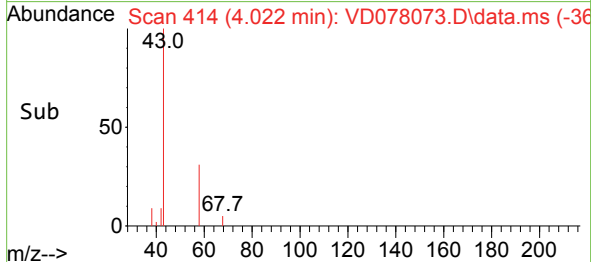
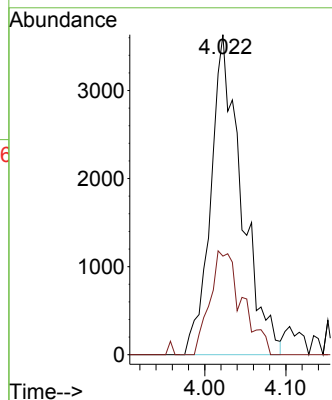
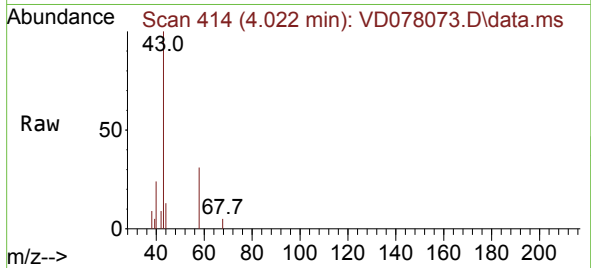




#16
Acetone
Concen: 38.973 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

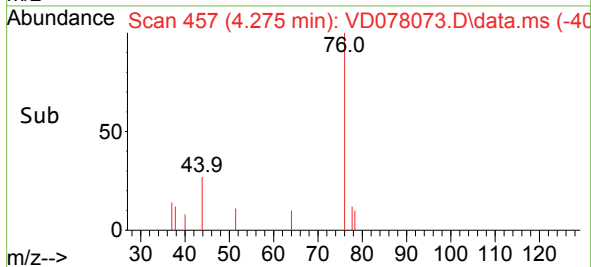
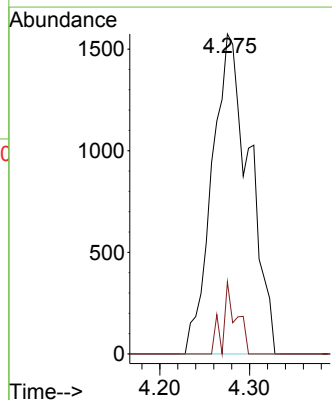
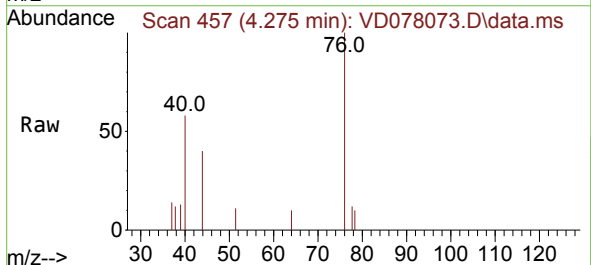
Instrument :
MSVOA_D
ClientSampleId :

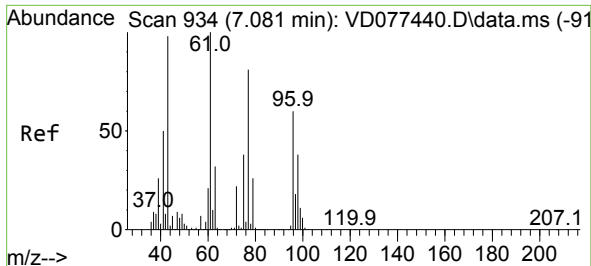
Tgt Ion: 43 Resp: 9577
Ion Ratio Lower Upper
43 100
58 30.8 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.948 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

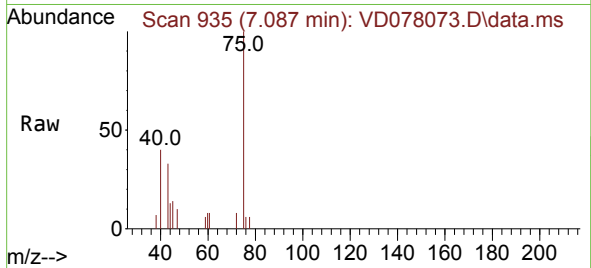
Tgt Ion: 76 Resp: 4541
Ion Ratio Lower Upper
76 100
78 22.5 6.8 10.2#



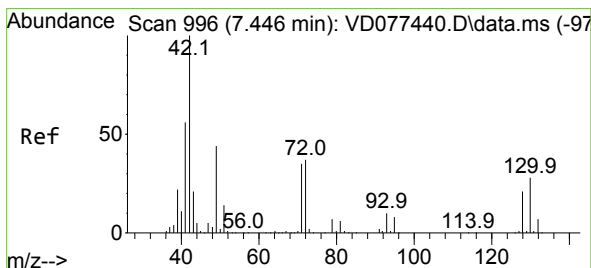
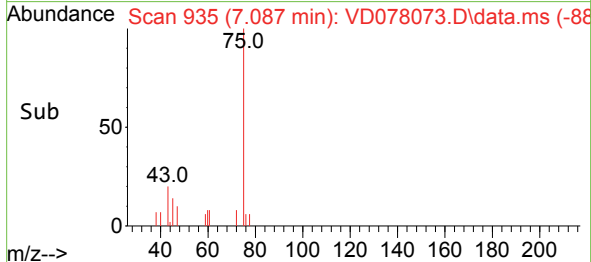
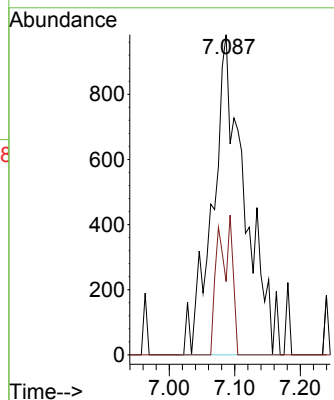


#25
2-Butanone
Concen: 3.179 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Instrument :
MSVOA_D
ClientSampleId :

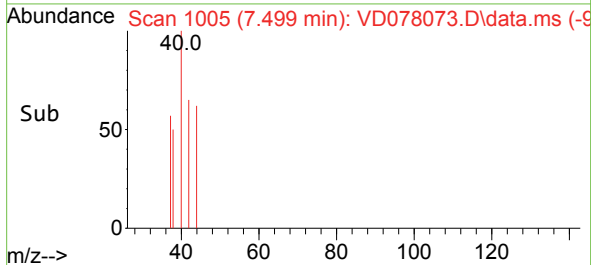
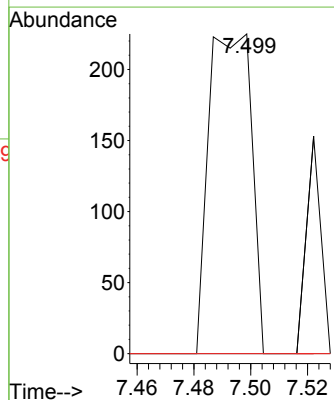
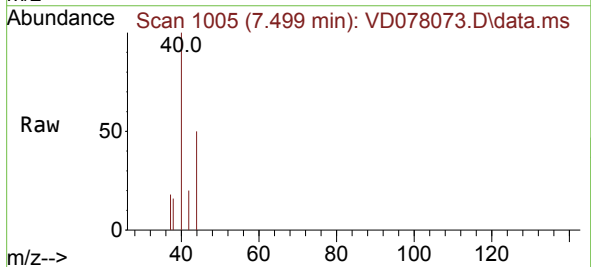


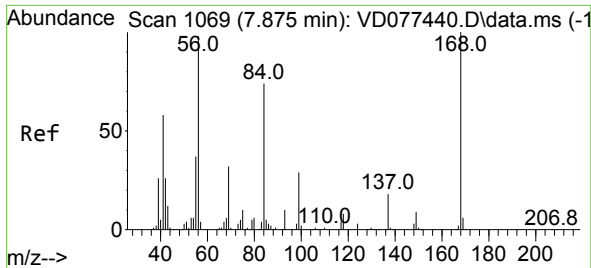
Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
72 22.9 30.7 46.1#



#29
Tetrahydrofuran
Concen: 2.176 ug/l
RT: 7.499 min Scan# 1005
Delta R.T. 0.053 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#

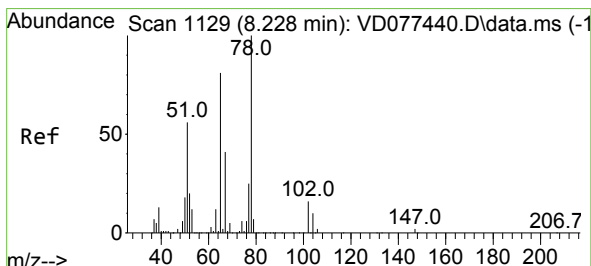
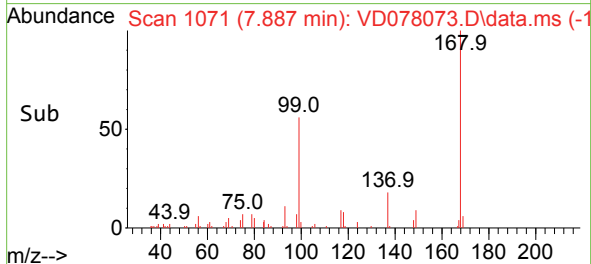
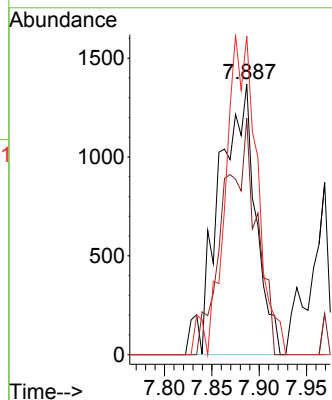
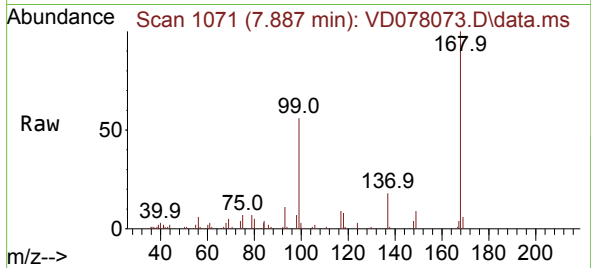




#31
Cyclohexane
Concen: 3.058 ug/l
RT: 7.887 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

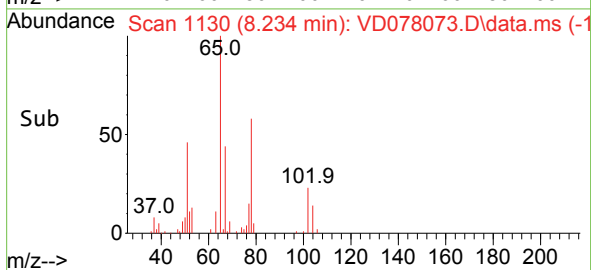
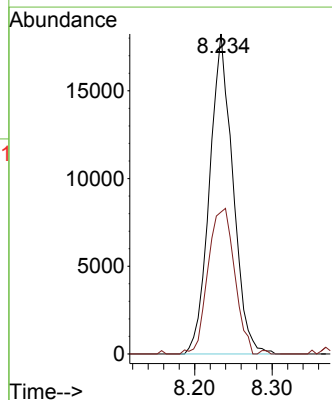
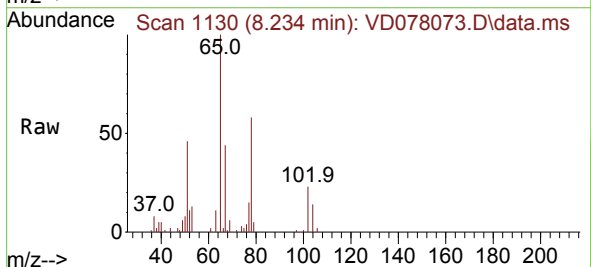
Instrument :
MSVOA_D
ClientSampleId :

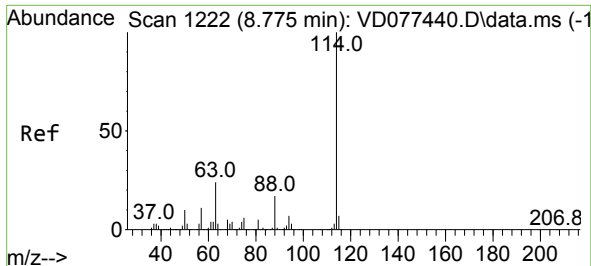
Tgt Ion: 56 Resp: 3674
Ion Ratio Lower Upper
56 100
69 87.4 28.6 43.0#
84 117.8 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 56.342 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 65 Resp: 38055
Ion Ratio Lower Upper
65 100
67 51.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

ClientSampleId :

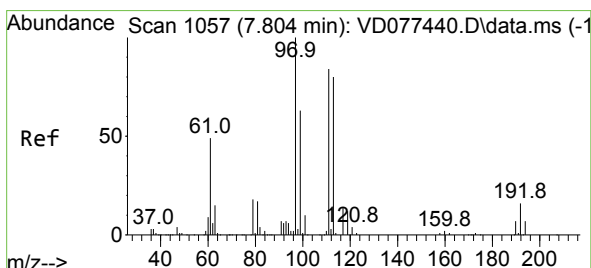
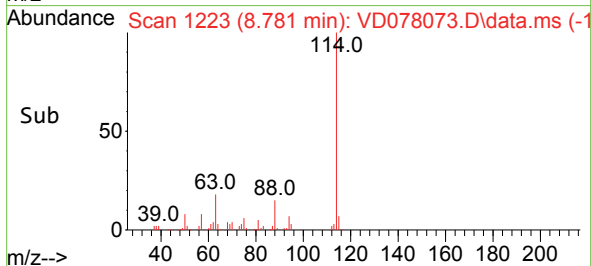
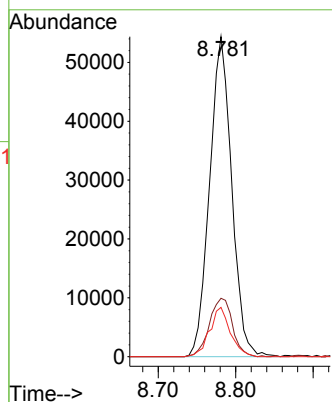
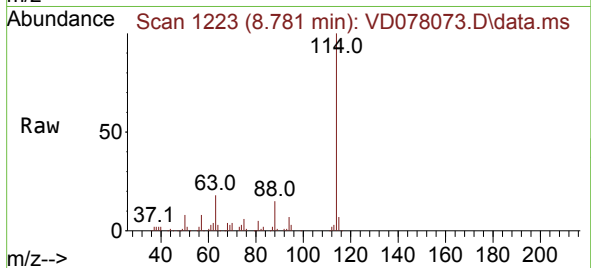
Tgt Ion:114 Resp: 107632

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 31.164 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

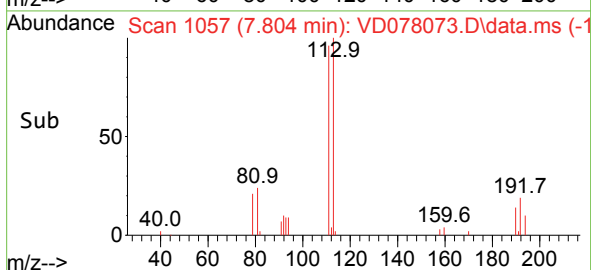
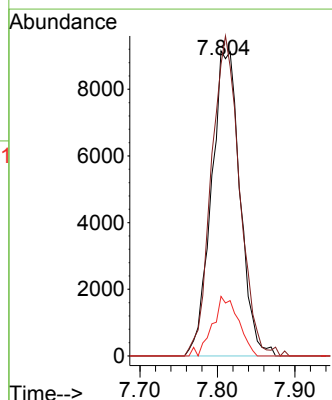
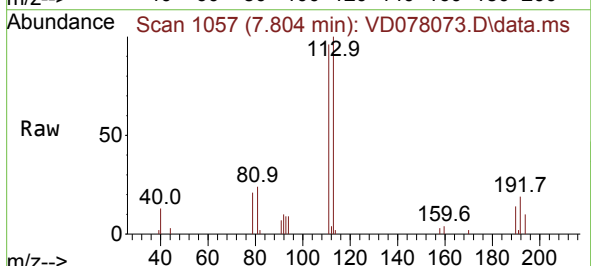
Tgt Ion:113 Resp: 23495

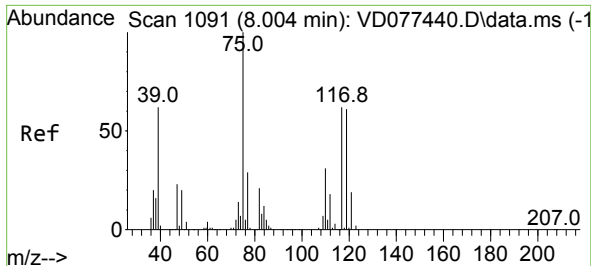
Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

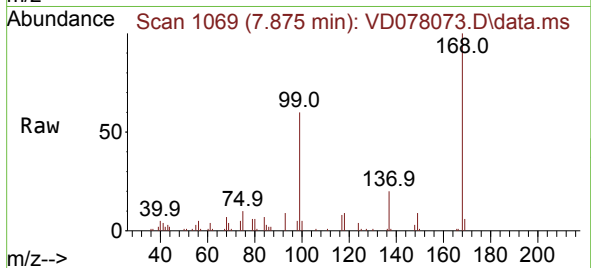
192 17.7 16.8 25.2



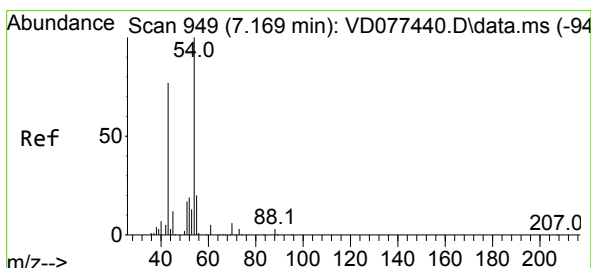
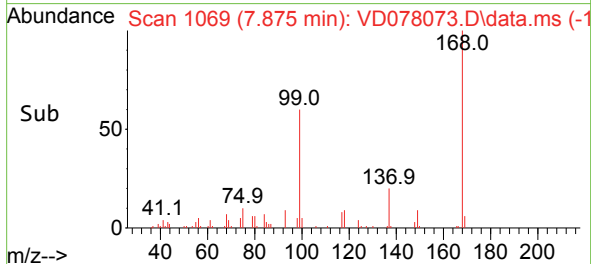
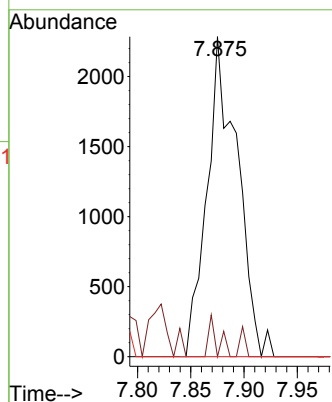


#36
1,1-Dichloropropene
Concen: 3.756 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Instrument :
MSVOA_D
ClientSampleId :

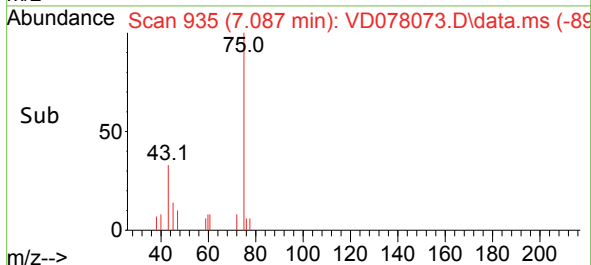
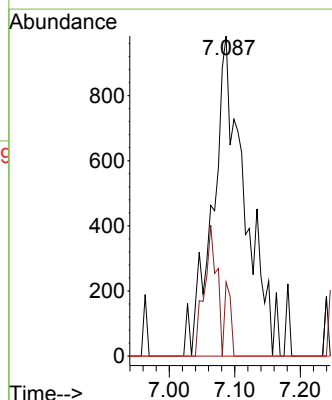
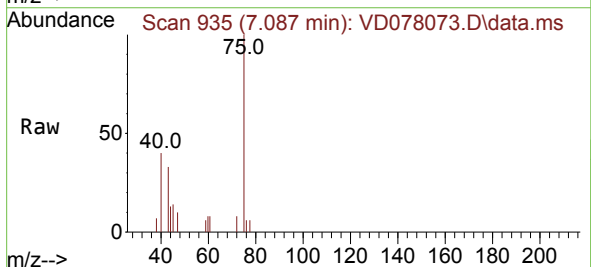


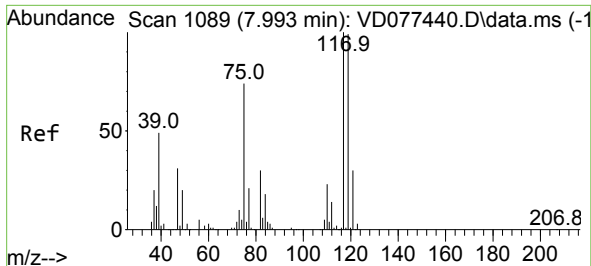
Tgt Ion: 75 Resp: 4529
Ion Ratio Lower Upper
75 100
110 3.7 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 7.109 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

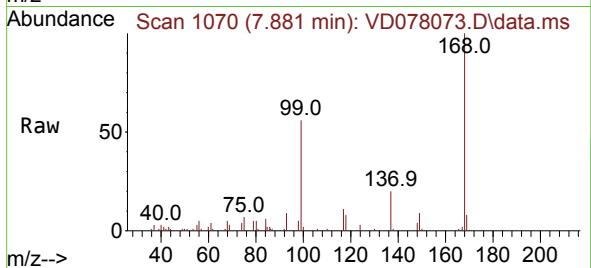
Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
61 4.3 14.9 22.3#
70 0.0 10.0 15.0#



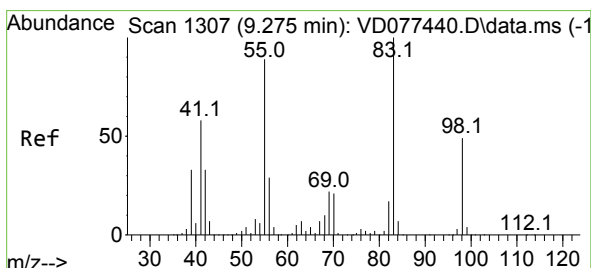
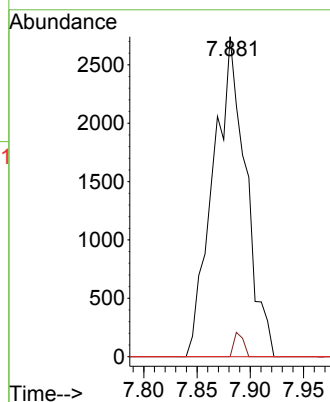
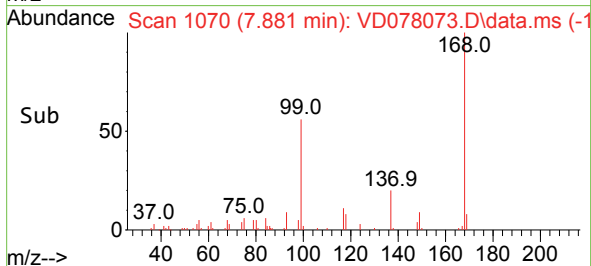


#38
Carbon Tetrachloride
Concen: 4.856 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Instrument :
MSVOA_D
ClientSampleId :

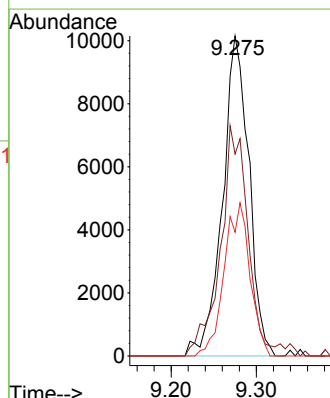
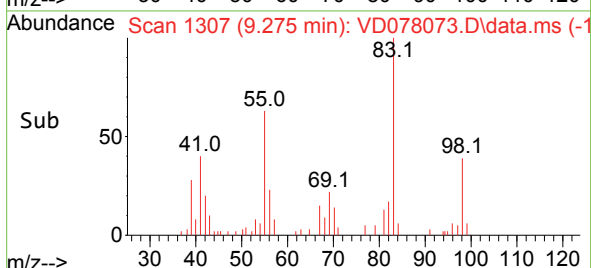
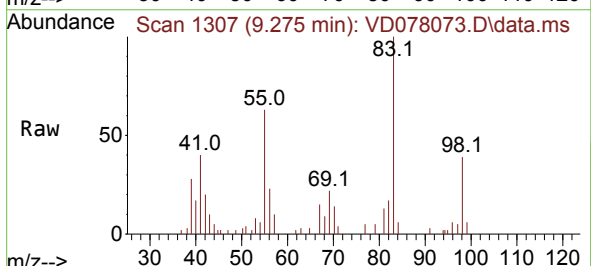


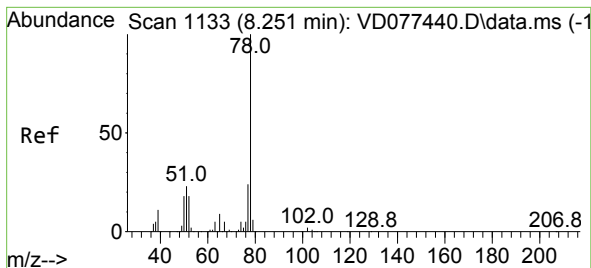
Tgt Ion:117 Resp: 5838
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 15.270 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 83 Resp: 21830
Ion Ratio Lower Upper
83 100
55 63.1 49.4 74.0
98 38.7 38.4 57.6





#40

Benzene

Concen: 18.633 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

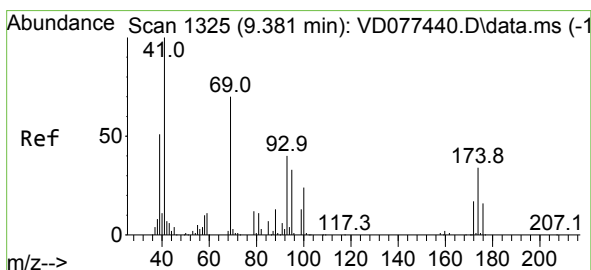
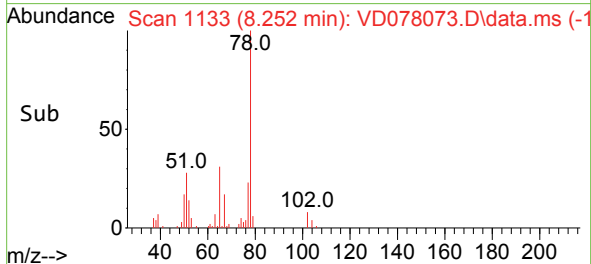
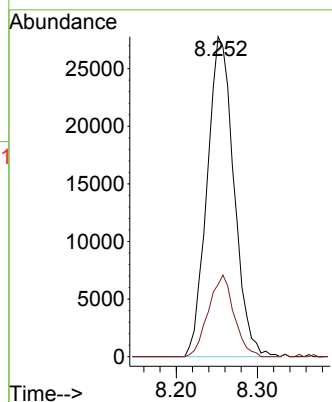
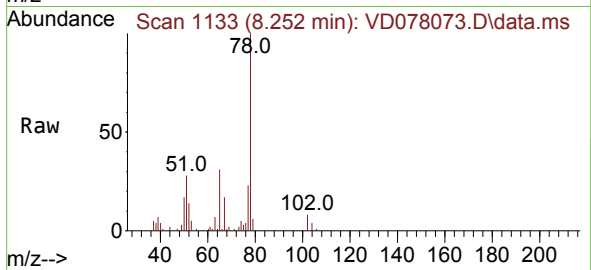
ClientSampleId :

Tgt Ion: 78 Resp: 63775

Ion Ratio Lower Upper

78 100

77 22.5 19.4 29.0



#48

Methyl methacrylate

Concen: 2.132 ug/l

RT: 9.469 min Scan# 1340

Delta R.T. 0.088 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

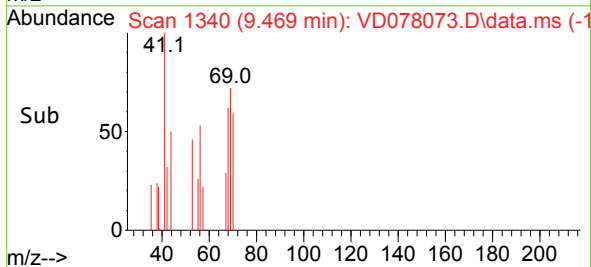
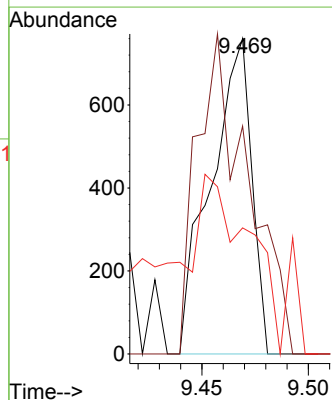
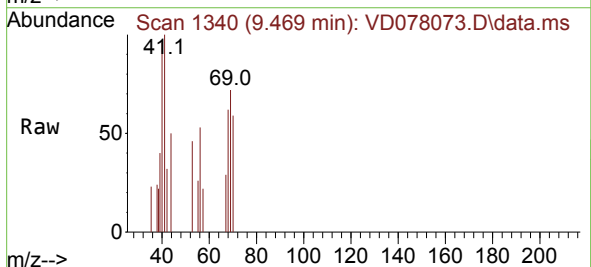
Tgt Ion: 41 Resp: 1013

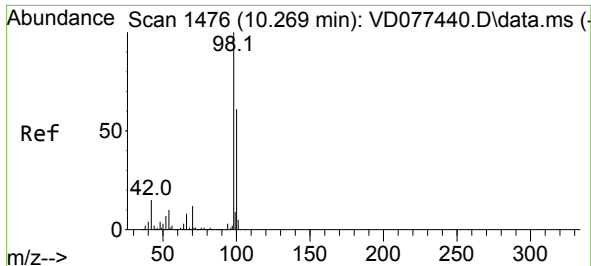
Ion Ratio Lower Upper

41 100

69 125.8 102.2 153.2

39 82.1 41.4 62.2#

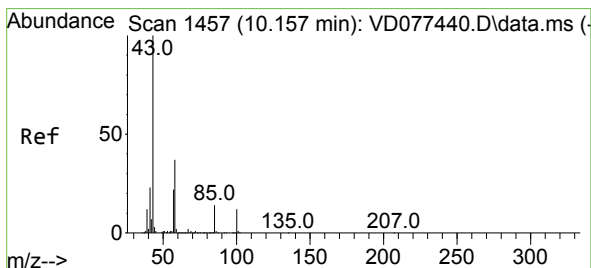
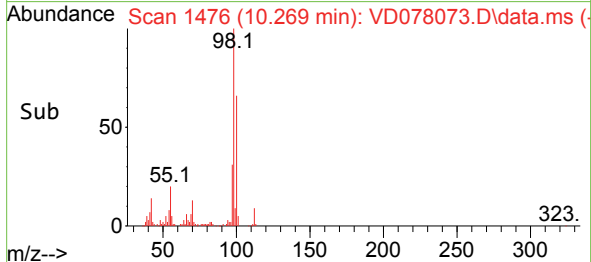
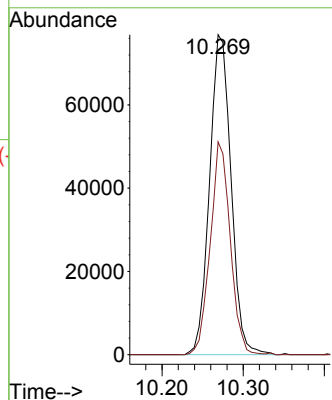
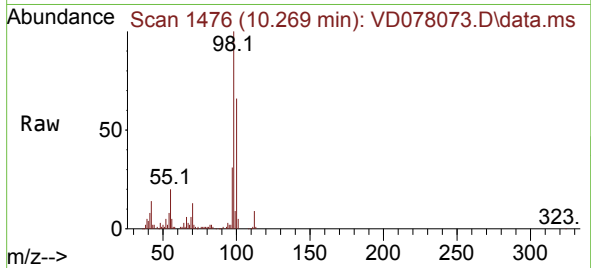




#50
Toluene-d8
Concen: 46.713 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

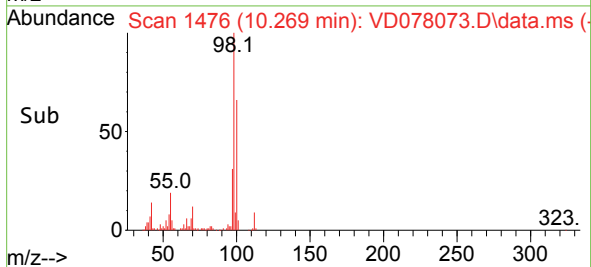
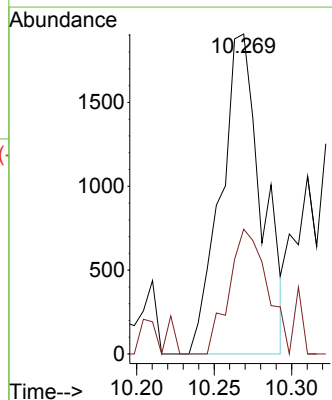
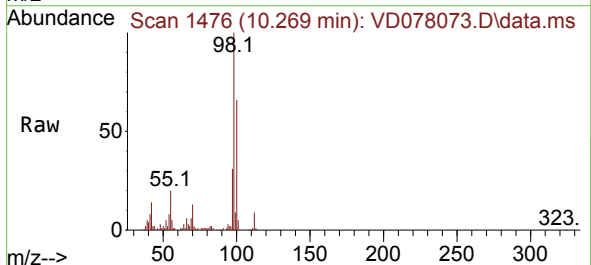
Instrument :
MSVOA_D
ClientSampleId :

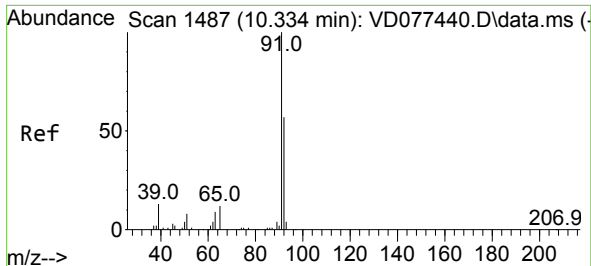
Tgt Ion: 98 Resp: 141052
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 8.195 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 43 Resp: 3496
Ion Ratio Lower Upper
43 100
58 36.1 38.9 58.3#

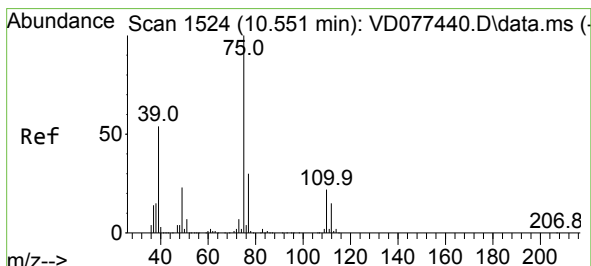
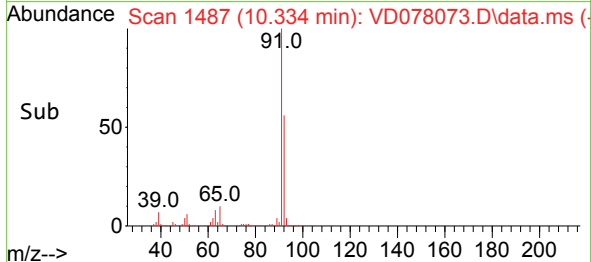
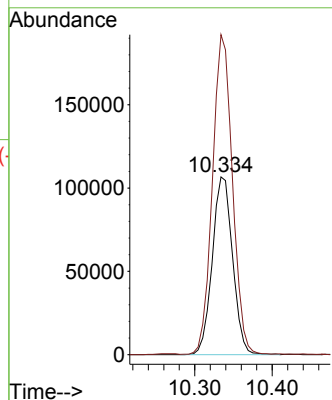
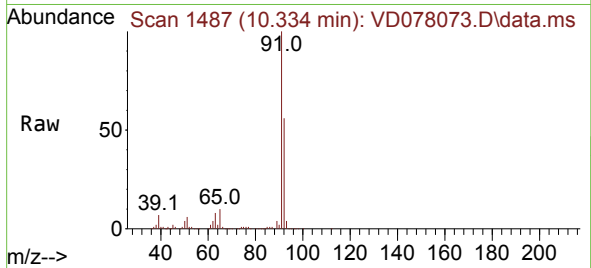




#52
Toluene
Concen: 91.634 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

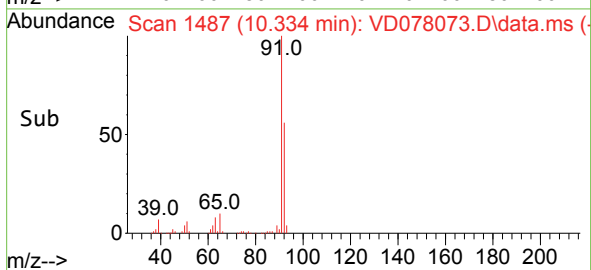
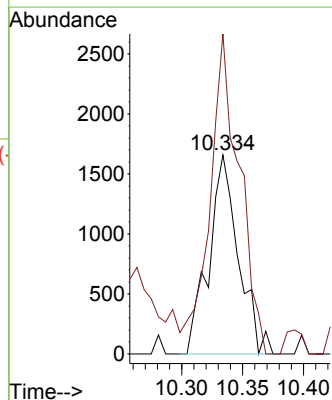
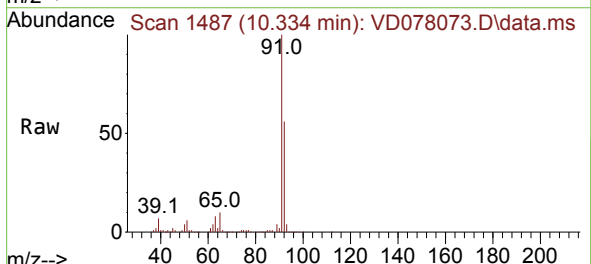
Instrument :
MSVOA_D
ClientSampleId :

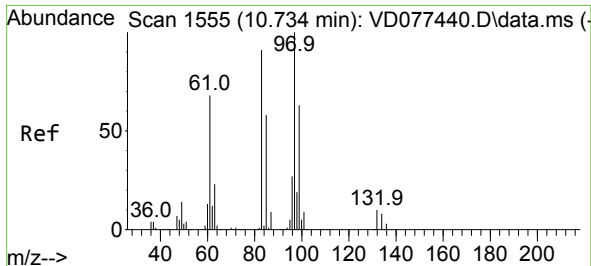
Tgt Ion: 92 Resp: 194551
Ion Ratio Lower Upper
92 100
91 176.8 143.0 214.4



#53
t-1,3-Dichloropropene
Concen: 2.610 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.217 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

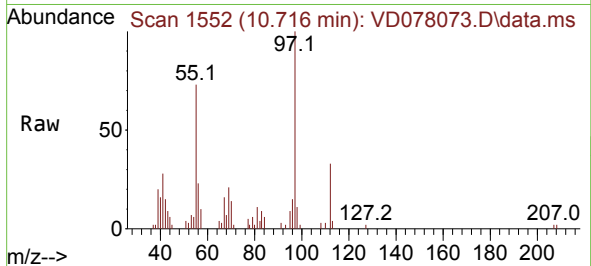
Tgt Ion: 75 Resp: 2797
Ion Ratio Lower Upper
75 100
77 160.9 25.3 37.9#



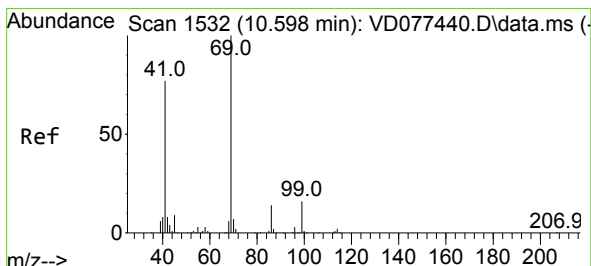
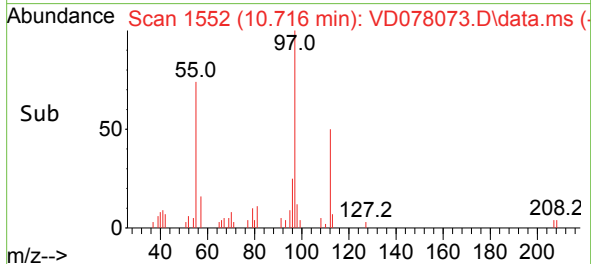
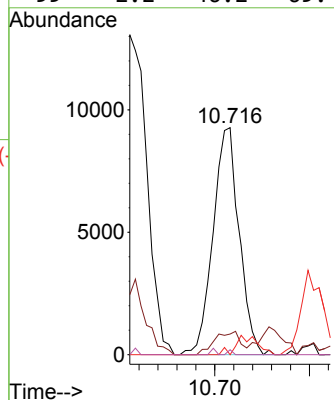


#55
1,1,2-Trichloroethane
Concen: 29.512 ug/l
RT: 10.716 min Scan# 1552
Delta R.T. -0.018 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Instrument :
MSVOA_D
ClientSampleId :

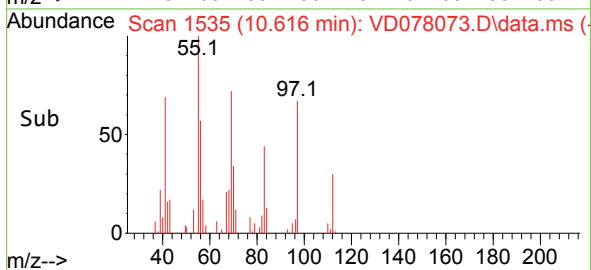
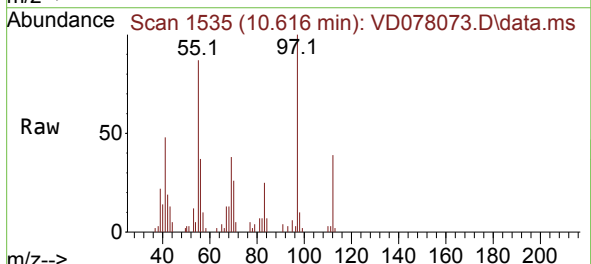
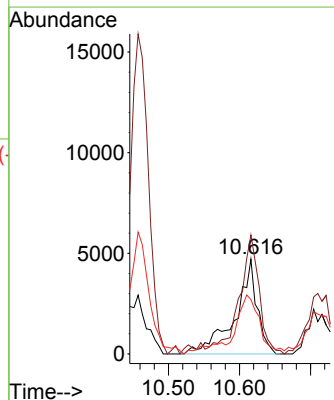


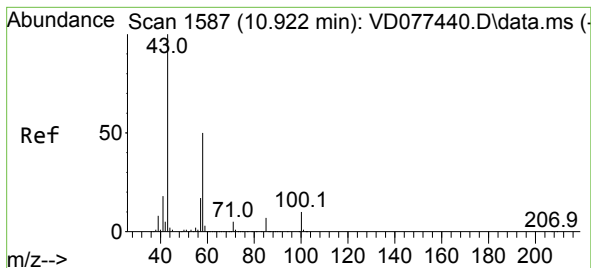
Tgt Ion: 97 Resp: 17772
Ion Ratio Lower Upper
97 100
83 9.1 65.8 98.6#
85 0.0 45.7 68.5#
99 2.2 46.2 69.4#



#56
Ethyl methacrylate
Concen: 19.260 ug/l
RT: 10.616 min Scan# 1535
Delta R.T. 0.018 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 69 Resp: 10224
Ion Ratio Lower Upper
69 100
41 113.7 39.1 58.7#
39 73.5 20.0 30.0#

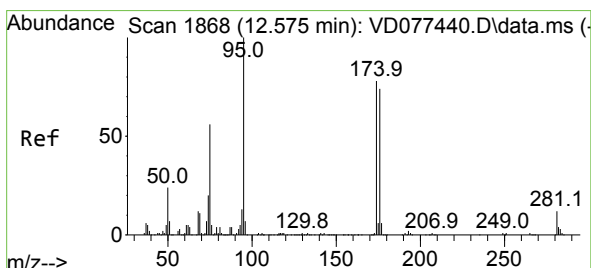
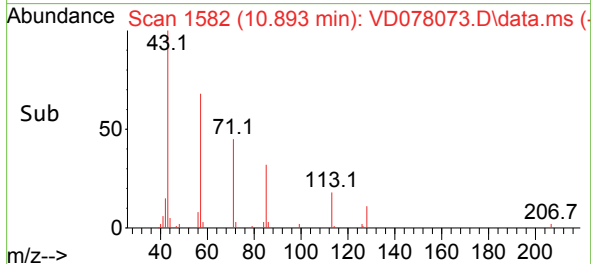
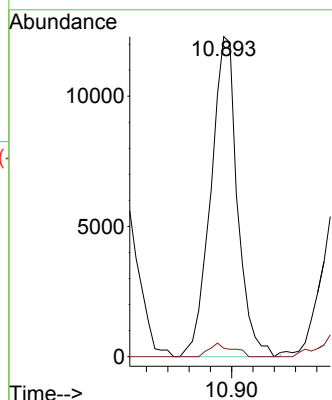
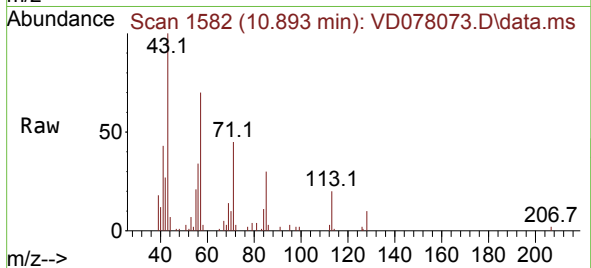




#59
2-Hexanone
Concen: 60.385 ug/l
RT: 10.893 min Scan# 1582
Delta R.T. -0.029 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

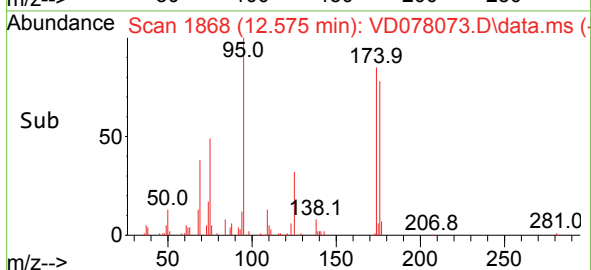
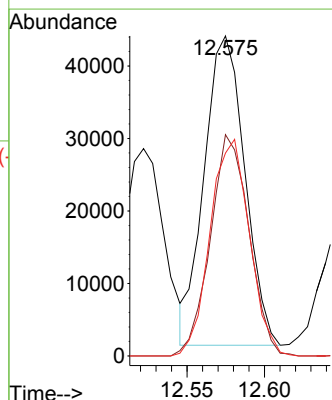
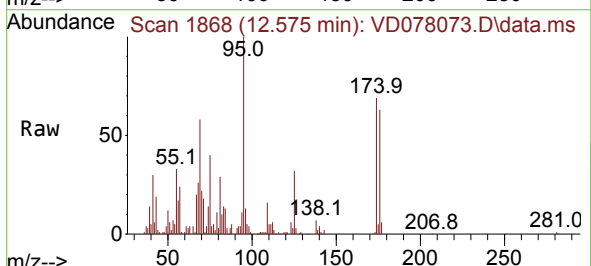
Instrument :
MSVOA_D
ClientSampleId :

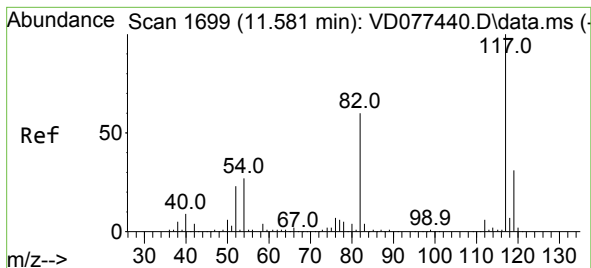
Tgt Ion: 43 Resp: 21372
Ion Ratio Lower Upper
43 100
58 3.6 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 85.813 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 95 Resp: 77470
Ion Ratio Lower Upper
95 100
174 68.2 0.0 201.8
176 68.2 0.0 191.8

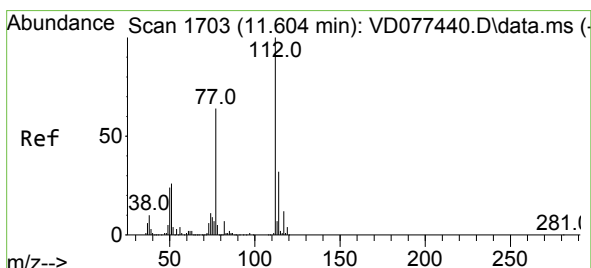
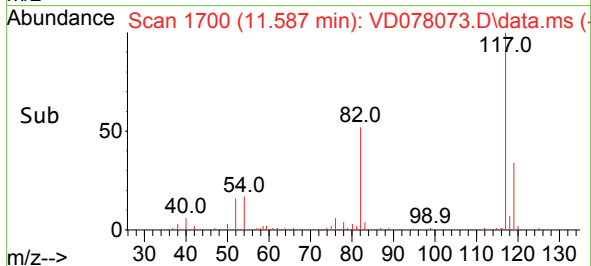
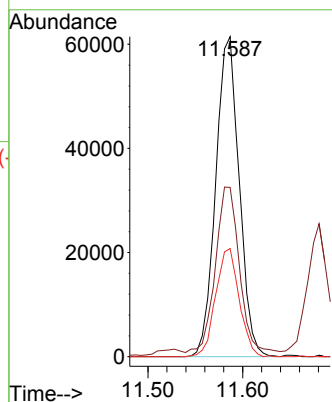
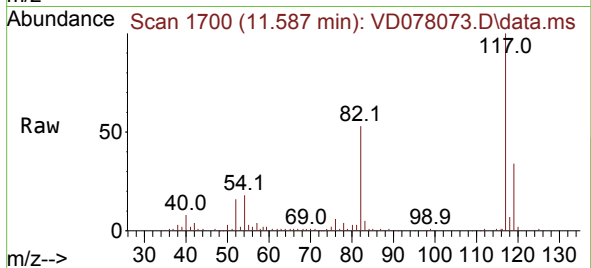




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

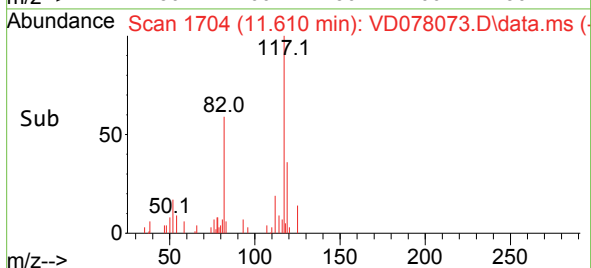
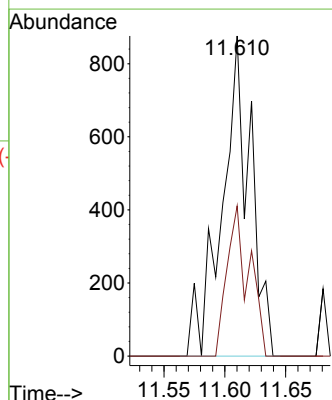
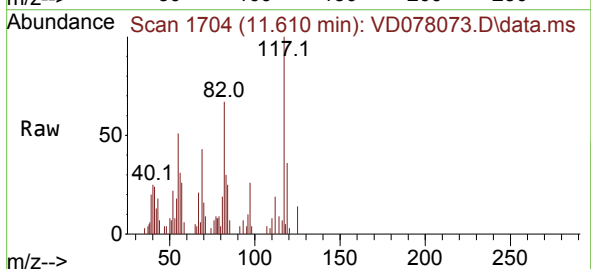
Instrument :
MSVOA_D
ClientSampleId :

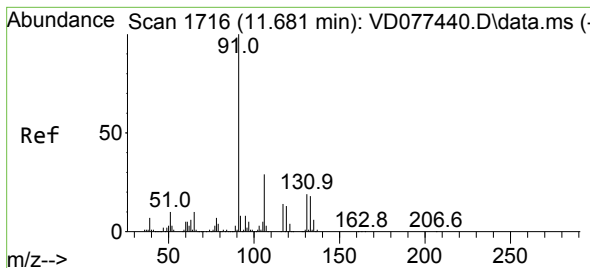
Tgt Ion:117 Resp: 105789
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 33.8 25.0 37.4



#65
Chlorobenzene
Concen: Below Cal
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion:112 Resp: 1433
Ion Ratio Lower Upper
112 100
114 46.9 25.1 37.7#

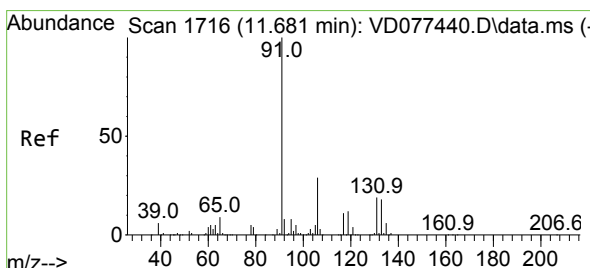
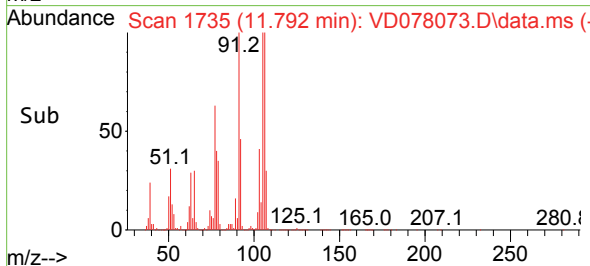
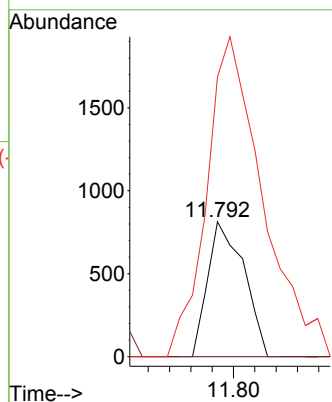
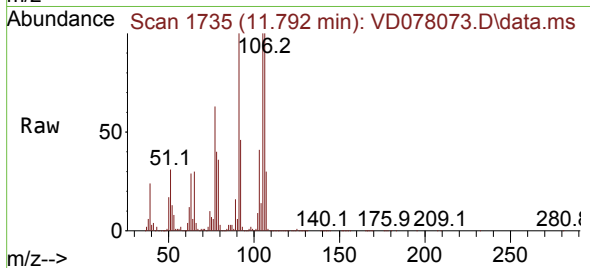




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.092 ug/l
 RT: 11.792 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

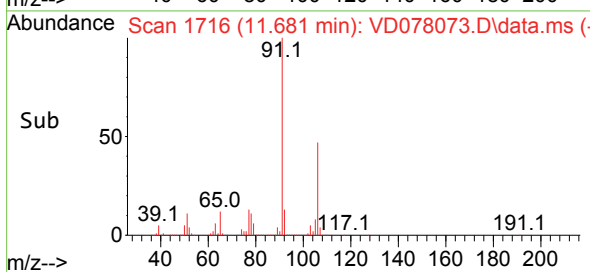
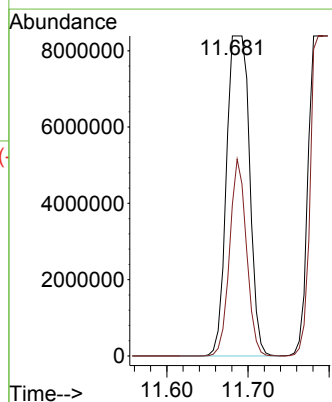
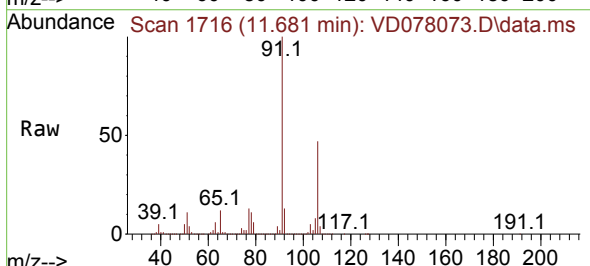
Instrument :
 MSVOA_D
 ClientSampleId :

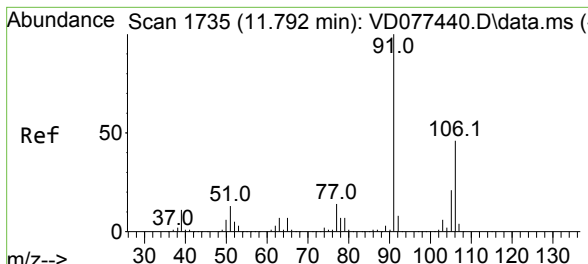
Tgt Ion:131 Resp: 961
 Ion Ratio Lower Upper
 131 100
 133 0.0 48.5 145.5#
 119 374.6 35.6 106.9#



#67
 Ethyl Benzene
 Concen: 3733.846 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

Tgt Ion: 91 Resp:16445025
 Ion Ratio Lower Upper
 91 100
 106 47.3 26.5 39.7#

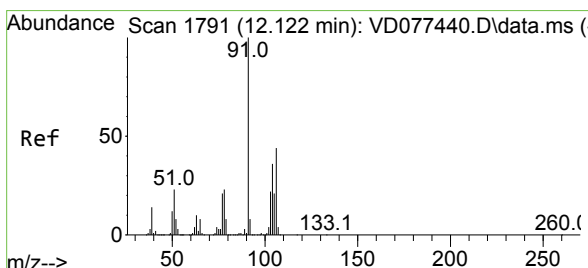
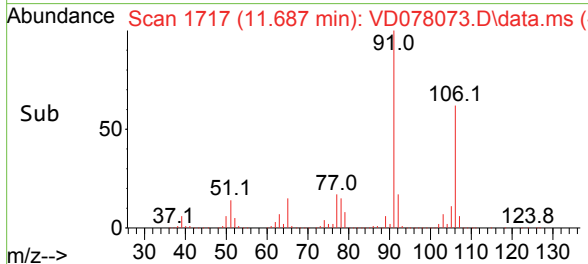
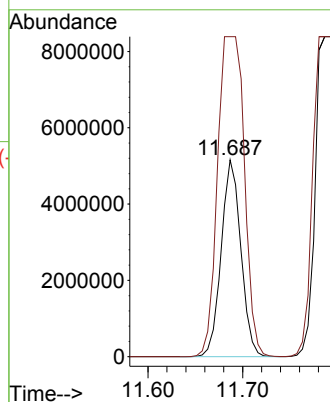
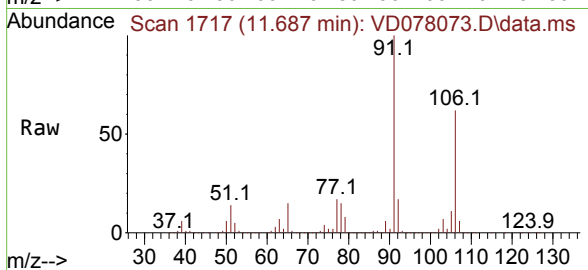




#68
m/p-Xylenes
Concen: 4411.391 ug/l
RT: 11.687 min Scan# 11
Delta R.T. -0.105 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

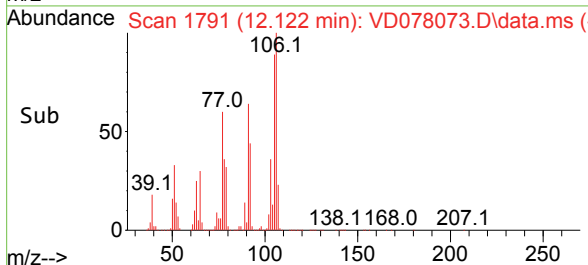
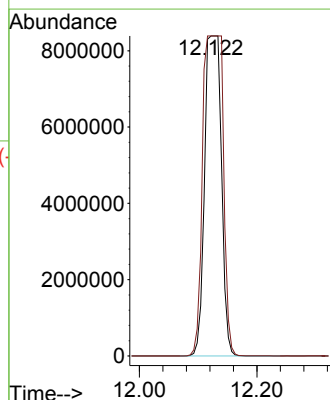
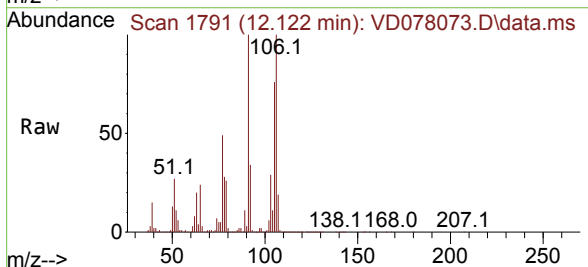
Instrument :
MSVOA_D
ClientSampleId :

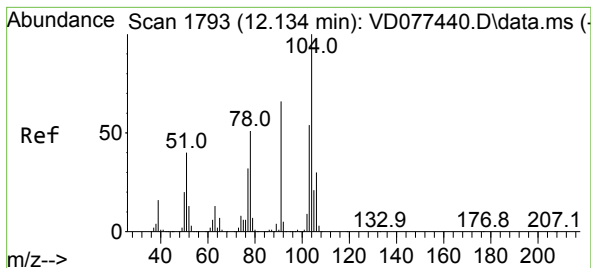
Tgt Ion:106 Resp: 7431765
Ion Ratio Lower Upper
106 100
91 221.3 147.0 220.6#



#69
o-Xylene
Concen: 10639.377 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion:106 Resp:16518968
Ion Ratio Lower Upper
106 100
91 0.0 97.9 293.6#





#70

Styrene

Concen: 644.441 ug/l

RT: 12.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

ClientSampleId :

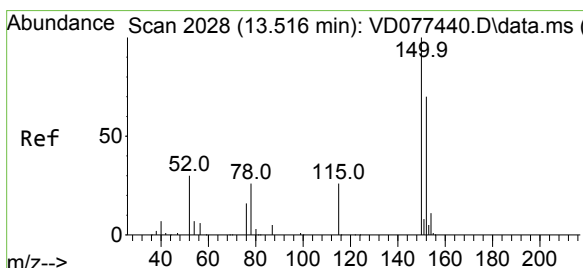
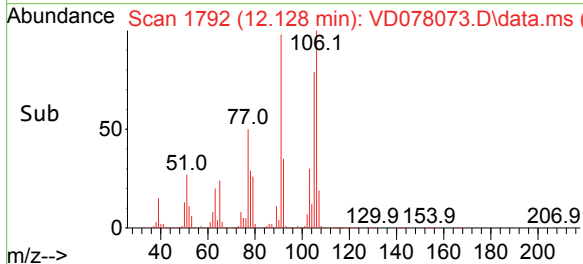
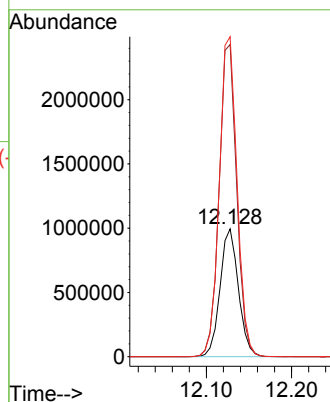
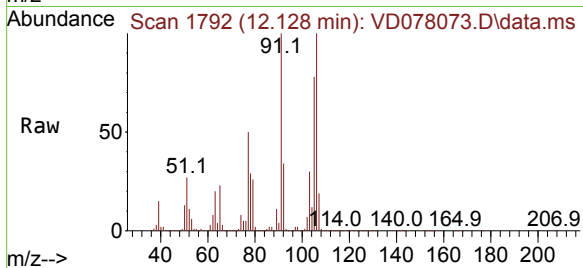
Tgt Ion:104 Resp: 1487812

Ion Ratio Lower Upper

104 100

78 234.3 33.2 49.8#

103 242.9 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.528 min Scan# 2030

Delta R.T. 0.012 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

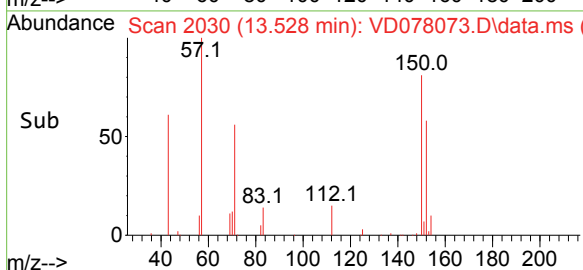
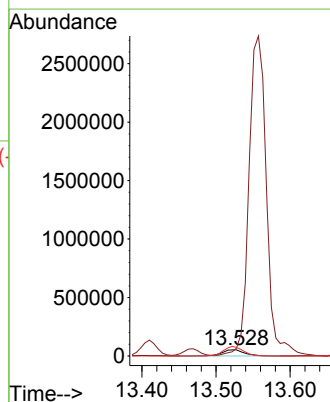
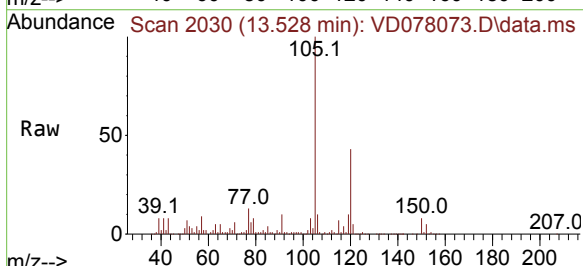
Tgt Ion:152 Resp: 111210

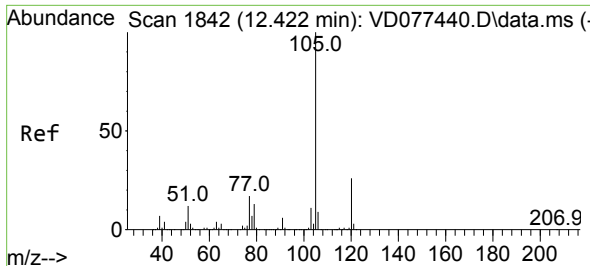
Ion Ratio Lower Upper

152 100

115 0.0 27.1 81.3#

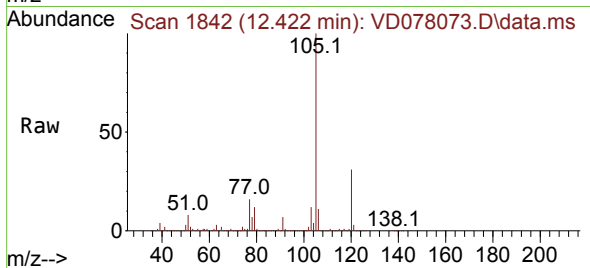
150 132.3 0.0 353.6



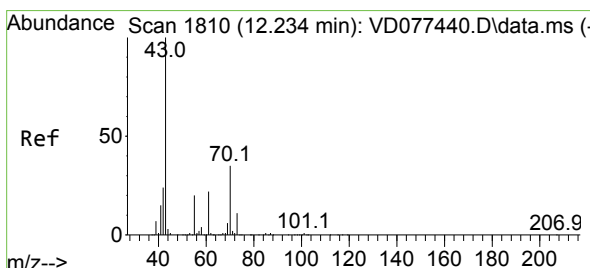
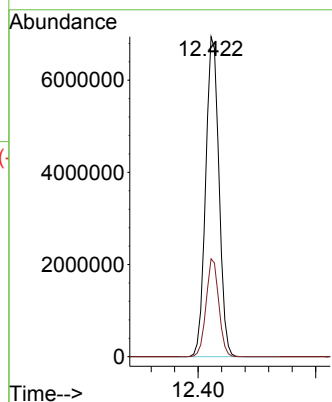
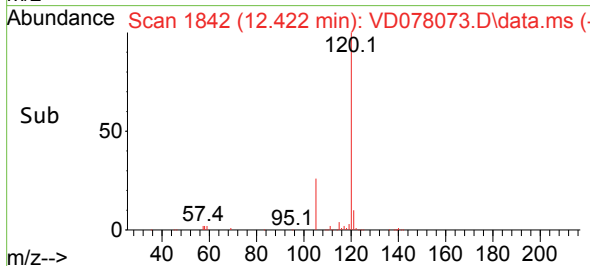


#73
Isopropylbenzene
Concen: 1290.380 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

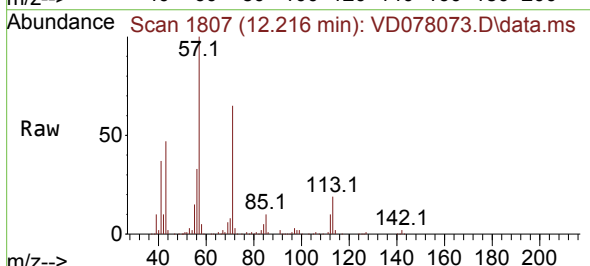
Instrument :
MSVOA_D
ClientSampleId :



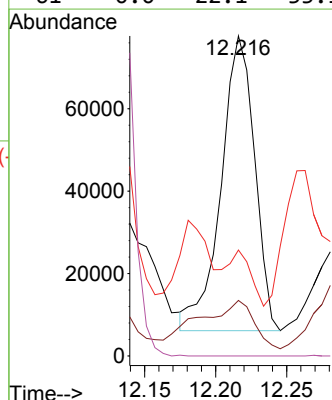
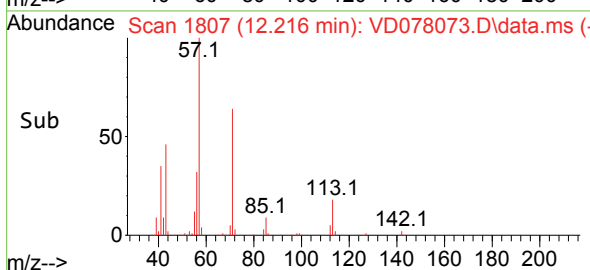
Tgt Ion:105 Resp:10876290
Ion Ratio Lower Upper
105 100
120 29.2 14.3 42.9

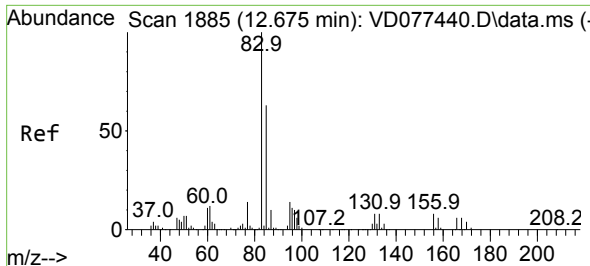


#74
N-ethyl acetate
Concen: 70.918 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23



Tgt Ion: 43 Resp: 117500
Ion Ratio Lower Upper
43 100
70 26.5 45.0 67.4#
55 0.0 23.8 35.6#
61 0.0 22.1 33.1#

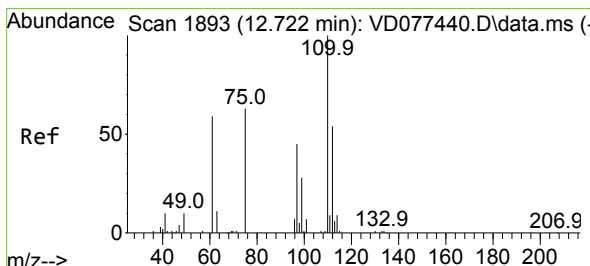
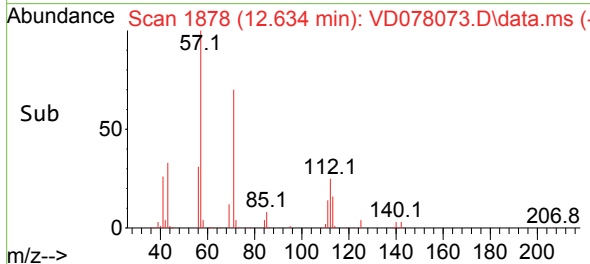
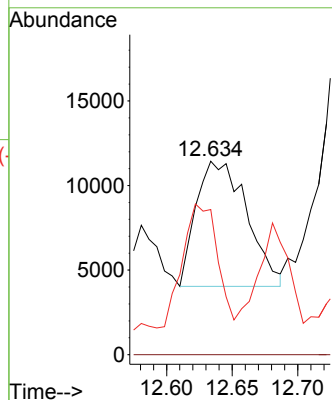
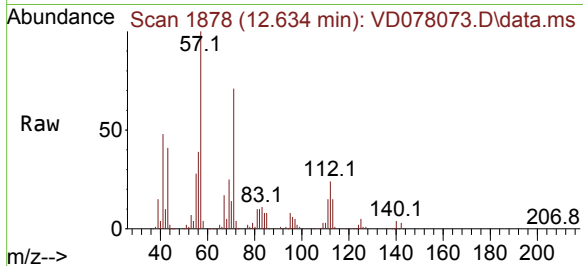




#75
1,1,2,2-Tetrachloroethane
Concen: 13.549 ug/l
RT: 12.634 min Scan# 1901
Delta R.T. -0.041 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

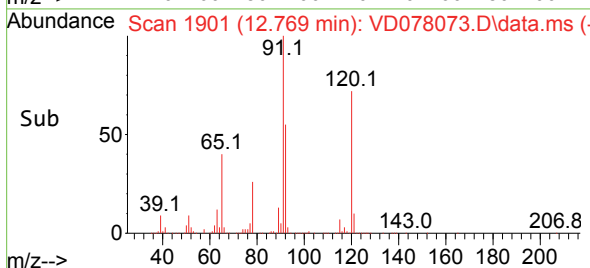
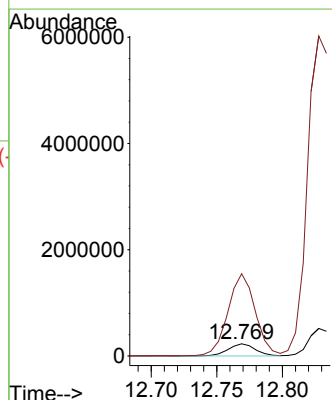
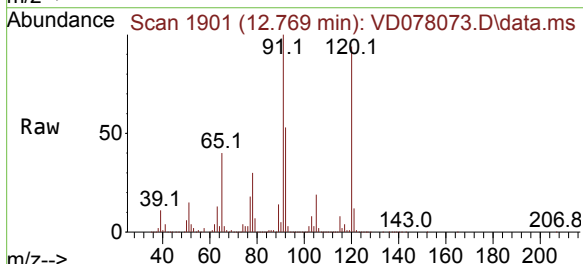
Instrument :
MSVOA_D
ClientSampleId :

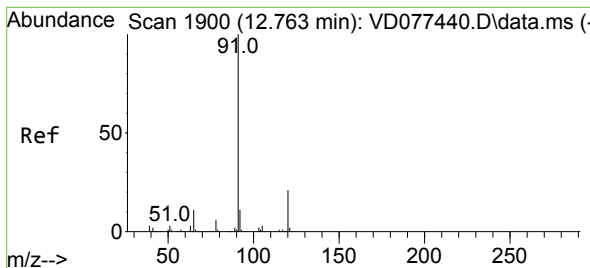
Tgt Ion: 83 Resp: 19913
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 340.316 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.047 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 75 Resp: 328699
Ion Ratio Lower Upper
75 100
77 678.6 0.0 0.0#





#78

n-propylbenzene

Concen: 873.393 ug/l

RT: 12.828 min Scan# 1911

Delta R.T. 0.065 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

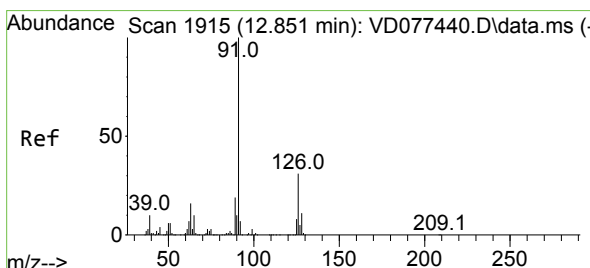
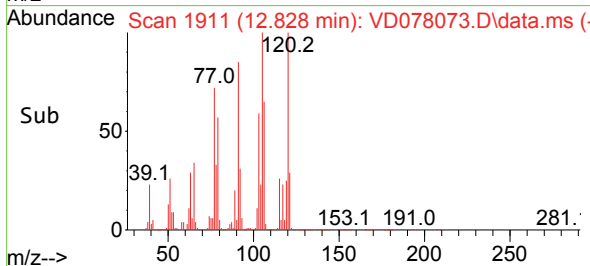
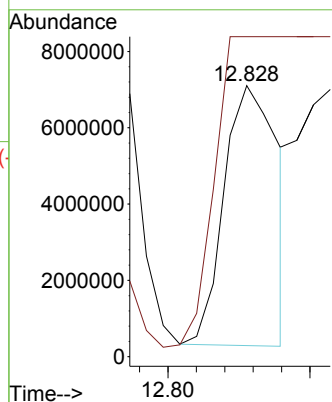
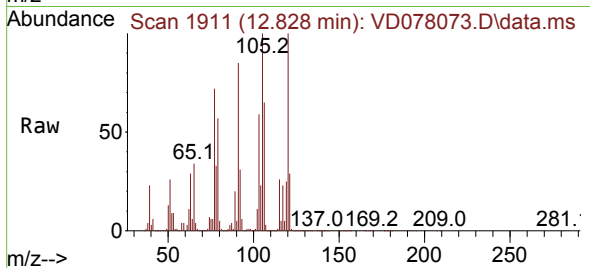
ClientSampleId :

Tgt Ion: 91 Resp: 8970349

Ion Ratio Lower Upper

91 100

120 30.5 12.4 37.2



#79

2-Chlorotoluene

Concen: 3122.069 ug/l

RT: 12.857 min Scan# 1916

Delta R.T. 0.006 min

Lab File: VD078073.D

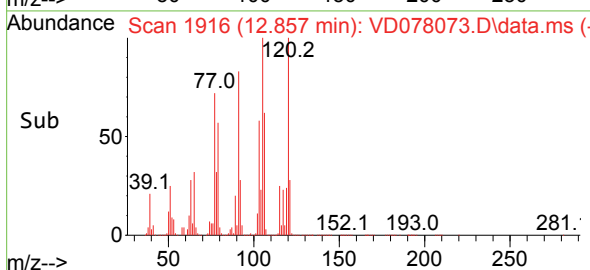
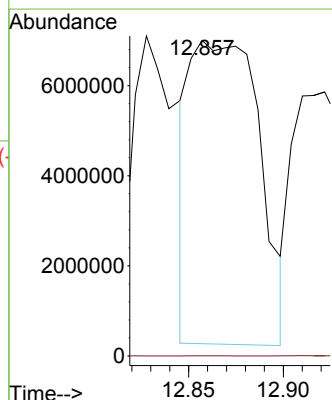
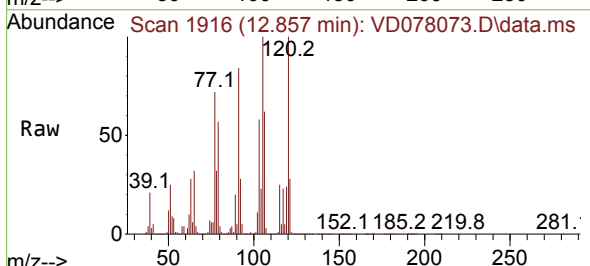
Acq: 22 Dec 2023 19:23

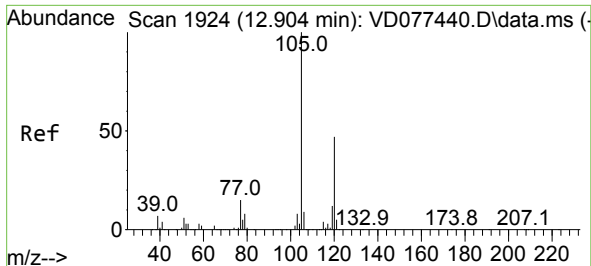
Tgt Ion: 91 Resp:17184409

Ion Ratio Lower Upper

91 100

126 0.0 19.4 58.1#

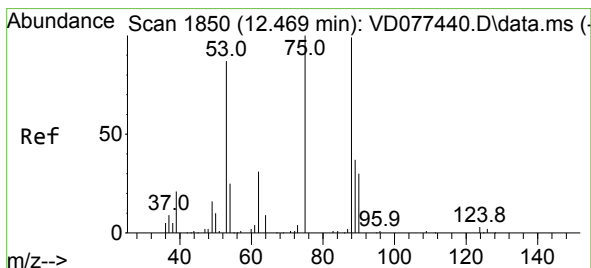
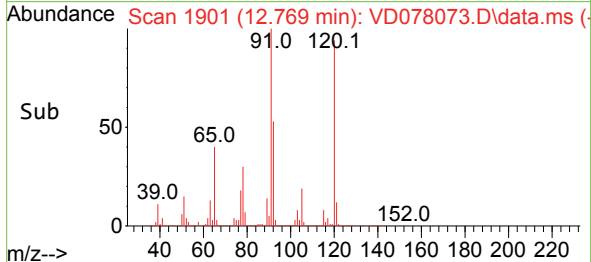
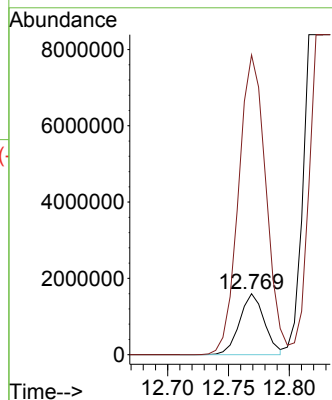
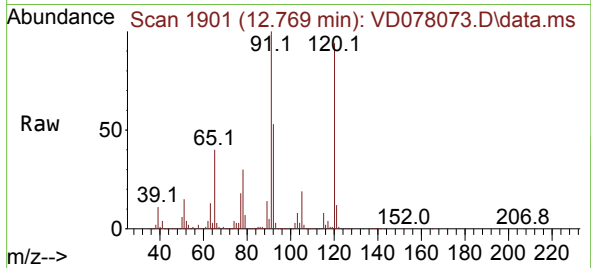




#80
 1,3,5-Trimethylbenzene
 Concen: 322.270 ug/l
 RT: 12.769 min Scan# 1924
 Delta R.T. -0.135 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

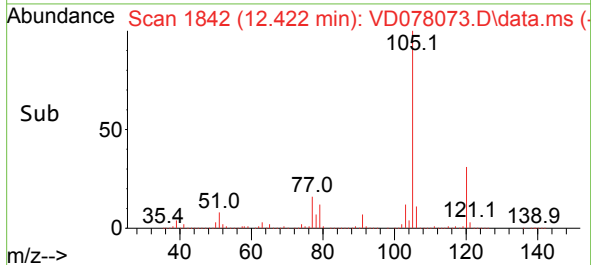
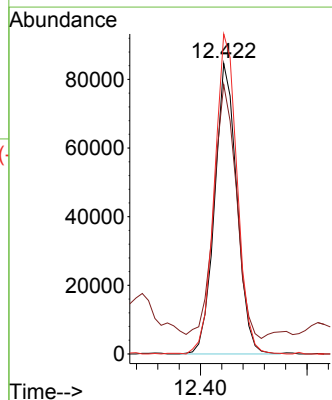
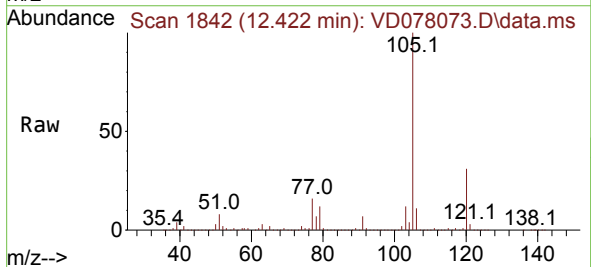
Instrument :
 MSVOA_D
 ClientSampleId :

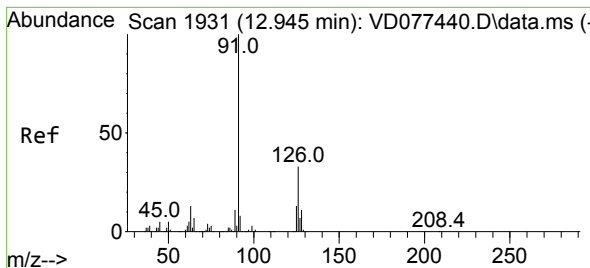
Tgt Ion:105 Resp: 2265515
 Ion Ratio Lower Upper
 105 100
 120 542.6 26.4 79.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 256.437 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. -0.047 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

Tgt Ion: 75 Resp: 122248
 Ion Ratio Lower Upper
 75 100
 53 89.9 63.0 94.4
 89 112.7 37.9 56.9#

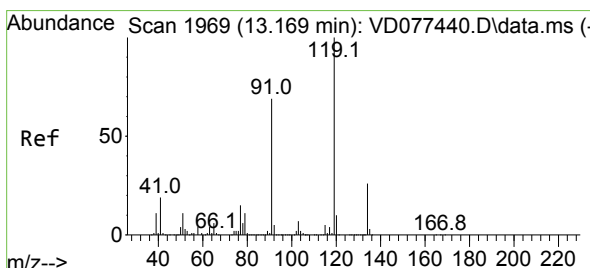
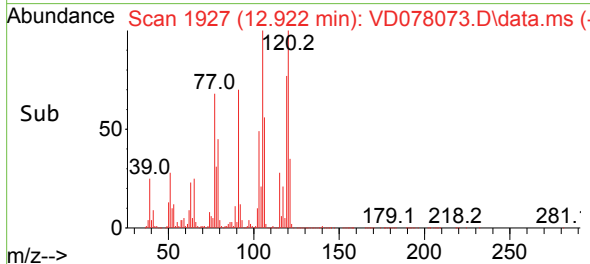
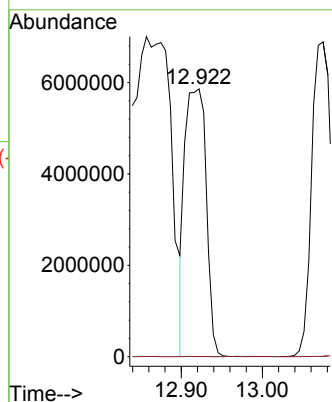
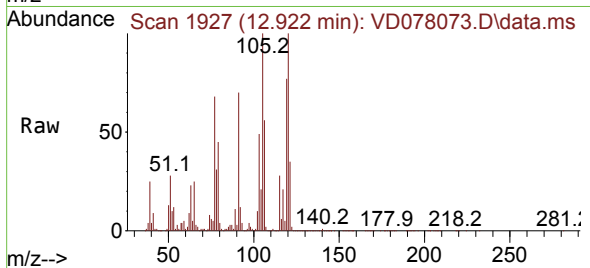




#82
4-Chlorotoluene
Concen: 1860.469 ug/l
RT: 12.922 min Scan# 1931
Delta R.T. -0.023 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

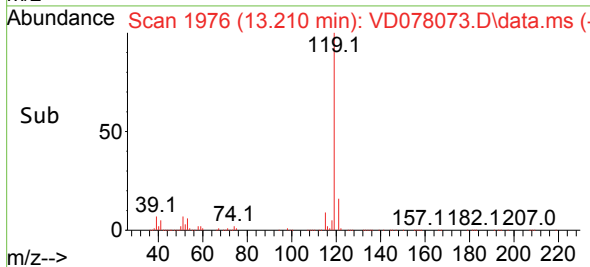
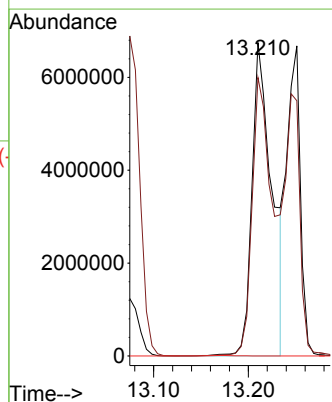
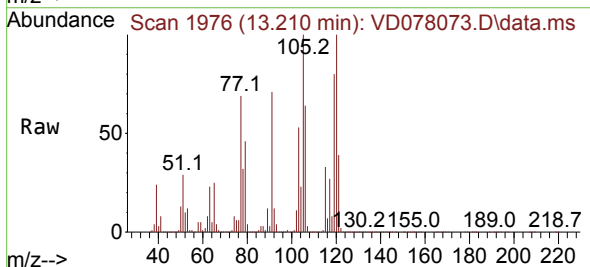
Instrument :
MSVOA_D
ClientSampleId :

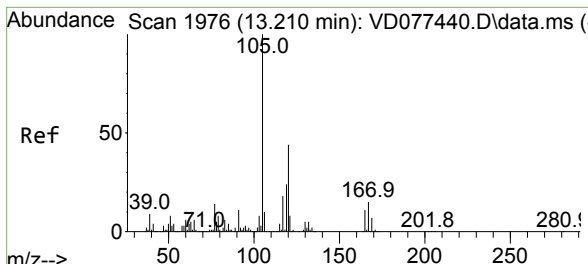
Tgt Ion: 91 Resp:10705470
Ion Ratio Lower Upper
91 100
126 0.1 19.4 58.4#



#83
tert-Butylbenzene
Concen: 1664.466 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.041 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion:119 Resp: 9878335
Ion Ratio Lower Upper
119 100
91 81.0 29.3 87.8
134 0.0 14.1 42.3#

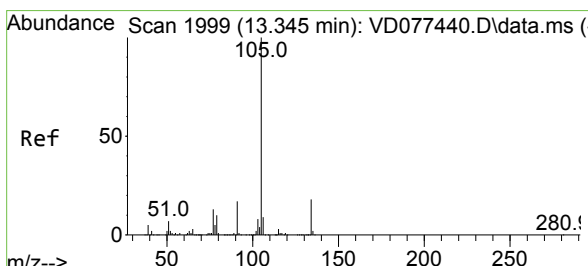
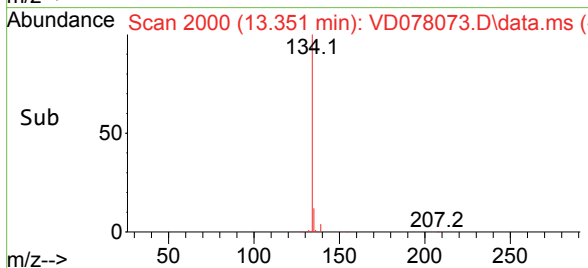
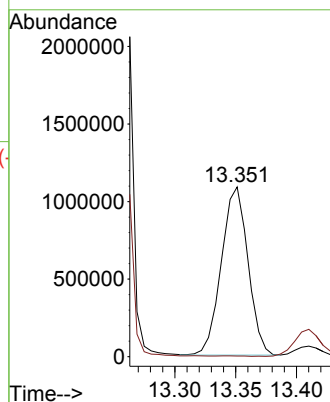
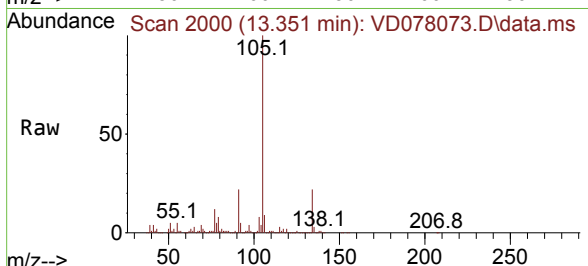




#84
 1,2,4-Trimethylbenzene
 Concen: 234.347 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.141 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

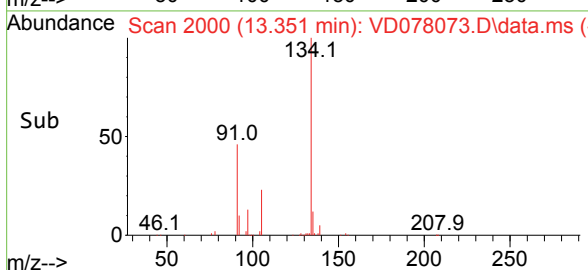
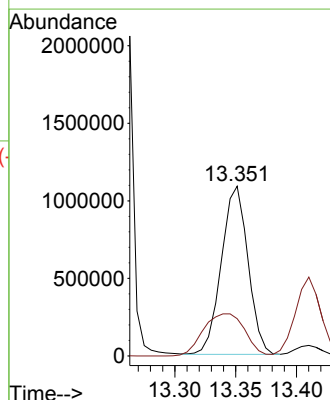
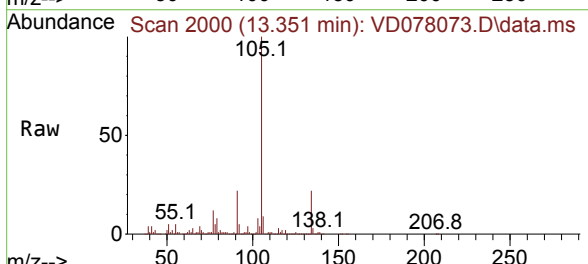
Instrument :
 MSVOA_D
 ClientSampleId :

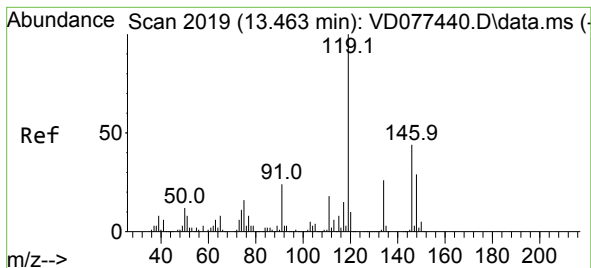
Tgt Ion:105 Resp: 1647743
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.3 72.9#



#85
 sec-Butylbenzene
 Concen: 187.828 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

Tgt Ion:105 Resp: 1647743
 Ion Ratio Lower Upper
 105 100
 134 39.2 10.9 32.9#





#86

p-Isopropyltoluene

Concen: 333.137 ug/l

RT: 13.410 min Scan# 2010

Delta R.T. -0.053 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

Instrument :

MSVOA_D

ClientSampleId :

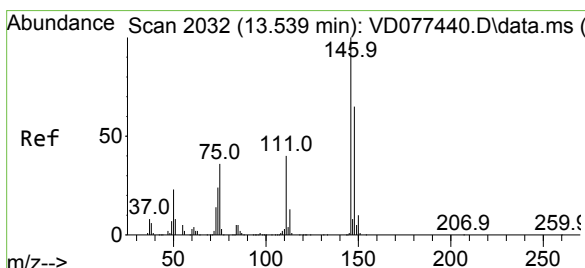
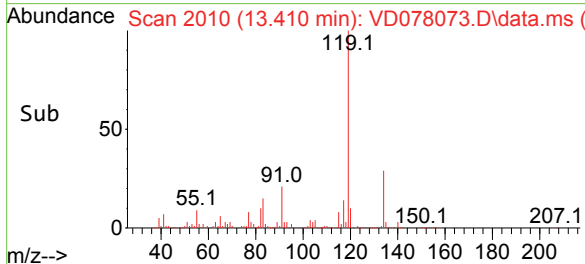
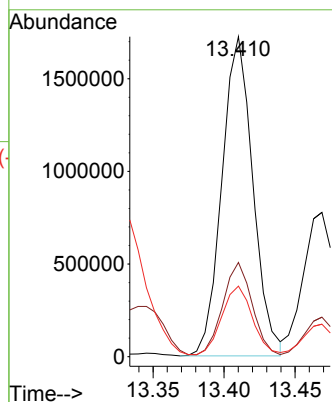
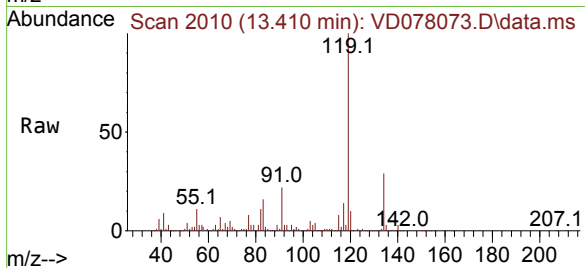
Tgt Ion:119 Resp: 2616573

Ion Ratio Lower Upper

119 100

134 28.4 14.2 42.6

91 21.0 10.5 31.5



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.545 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD078073.D

Acq: 22 Dec 2023 19:23

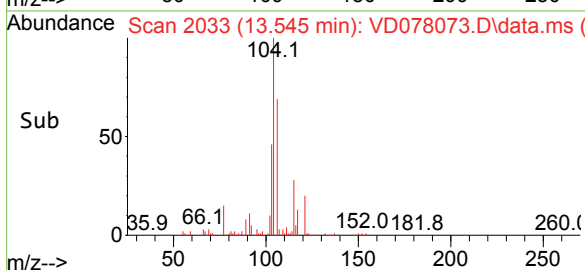
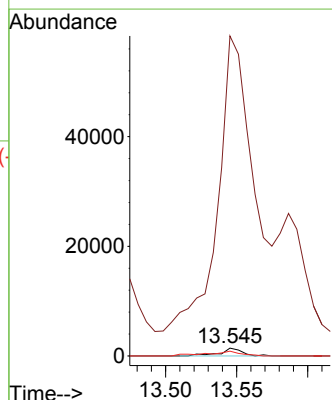
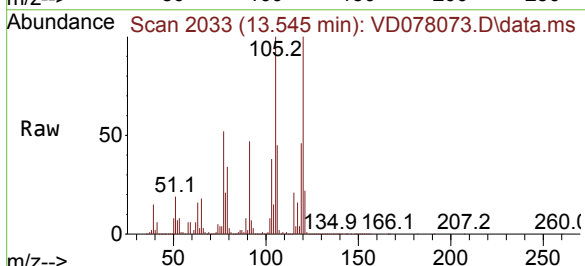
Tgt Ion:146 Resp: 1582

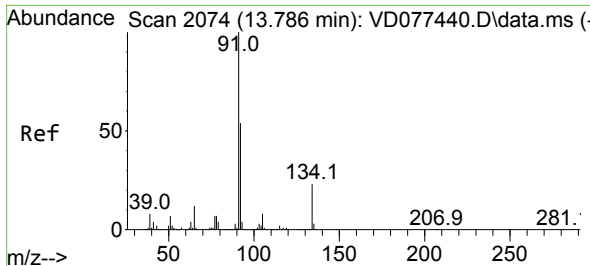
Ion Ratio Lower Upper

146 100

111 5935.0 17.4 52.3#

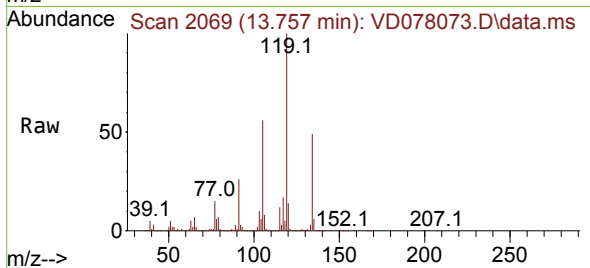
148 90.1 31.7 95.1



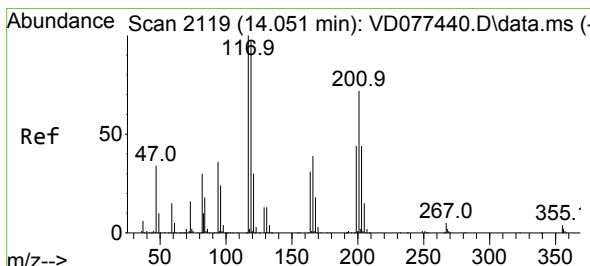
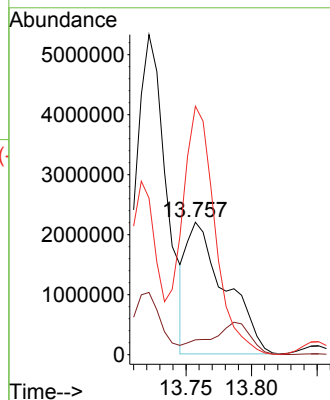
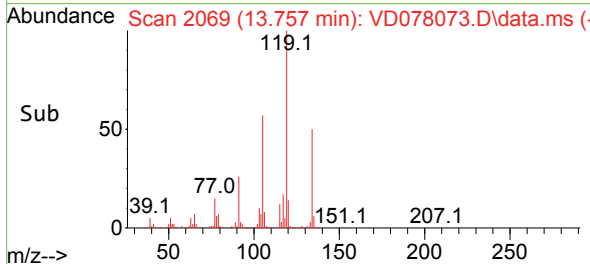


#89
n-Butylbenzene
Concen: 614.214 ug/l
RT: 13.757 min Scan# 2074
Delta R.T. -0.029 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Instrument :
MSVOA_D
ClientSampleId :

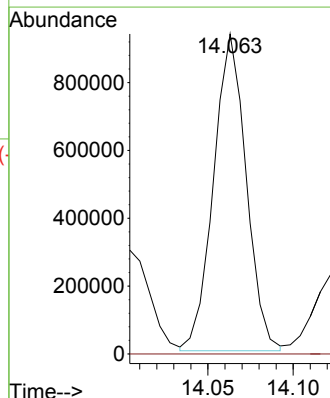
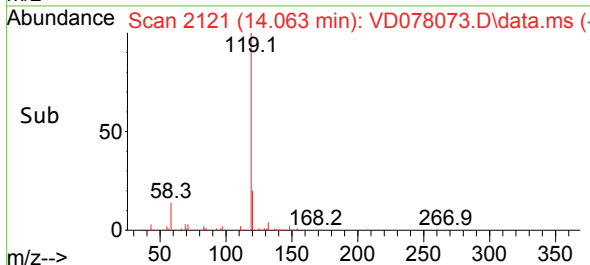
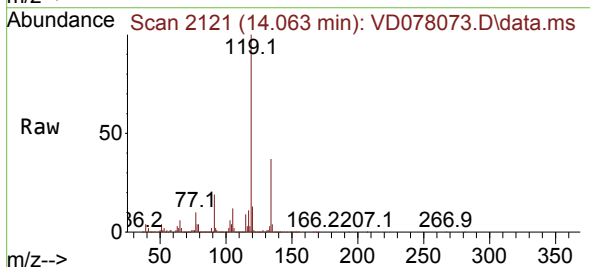


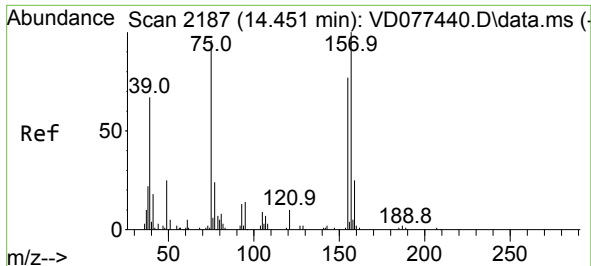
Tgt Ion: 91 Resp: 4539407
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 159.9 13.8 41.3#



#90
Hexachloroethane
Concen: 861.713 ug/l
RT: 14.063 min Scan# 2121
Delta R.T. 0.012 min
Lab File: VD078073.D
Acq: 22 Dec 2023 19:23

Tgt Ion: 117 Resp: 1244715
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#

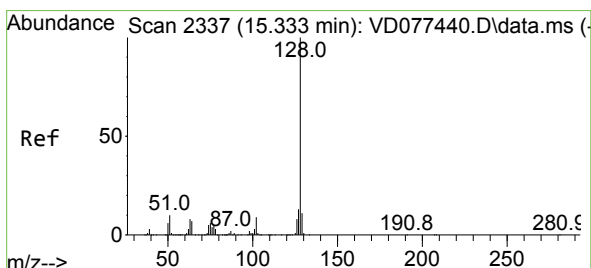
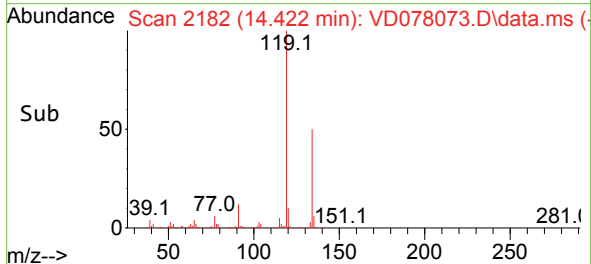
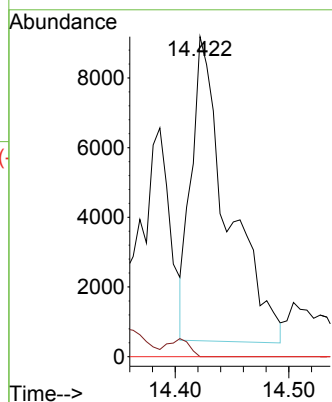
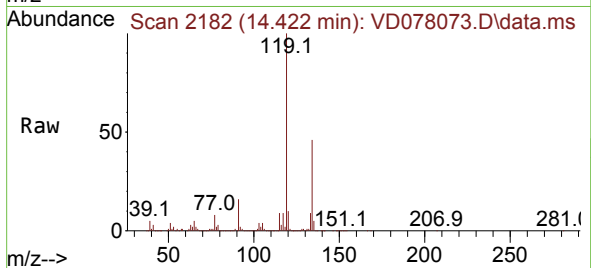




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.437 ug/l
 RT: 14.422 min Scan# 2182
 Delta R.T. -0.029 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 19502
 Ion Ratio Lower Upper
 75 100
 155 3.4 47.9 143.8#
 157 0.0 59.9 179.7#



#95
 Naphthalene
 Concen: 1647.350 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.005 min
 Lab File: VD078073.D
 Acq: 22 Dec 2023 19:23

Tgt Ion:128 Resp: 6446462
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 11.5 8.7 13.1

