

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078230.D
 Acq On : 24 Jan 2024 18:26
 Operator : RP/MD
 Sample : P1235-06
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 137

Quant Time: Jan 25 00:29:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136834	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	259875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	35898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60232	38.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.120%
35) Dibromofluoromethane	7.810	113	76156	44.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.275	98	278603	41.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.280%
62) 4-Bromofluorobenzene	12.575	95	58742	29.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.820%

Target Compounds				Qvalue		
3) Chloromethane	2.252	50	3141	Below Cal	#	74
11) Tert butyl alcohol	5.052	59	9491	123.416	ug/l #	89
13) Acrolein	3.799	56	440	2.492	ug/l #	15
15) Acrylonitrile	5.252	53	2038	5.551	ug/l #	92
16) Acetone	4.022	43	7101067	21110.047	ug/l	90
18) Methyl Acetate	4.564	43	46321	34.467	ug/l	89
25) 2-Butanone	7.081	43	37014	67.706	ug/l #	79
29) Tetrahydrofuran	7.452	42	705	2.736	ug/l #	23
30) Chloroform	7.616	83	4161	1.253	ug/l #	1
31) Cyclohexane	7.857	56	1323709	458.310	ug/l #	34
36) 1,1-Dichloropropene	7.875	75	14455	5.139	ug/l #	46
37) Ethyl Acetate	7.187	43	4407	4.209	ug/l #	77
38) Carbon Tetrachloride	7.887	117	14794	5.326	ug/l #	15
39) Methylcyclohexane	9.275	83	148520	44.652	ug/l	94
41) Methacrylonitrile	7.628	41	95793	166.618	ug/l #	33
43) Isopropyl Acetate	8.357	43	378587	197.358	ug/l #	43
48) Methyl methacrylate	9.334	41	23761	21.395	ug/l #	12
51) 4-Methyl-2-Pentanone	10.163	43	27803	27.582	ug/l #	84
53) t-1,3-Dichloropropene	10.334	75	697005	276.525	ug/l #	1
55) 1,1,2-Trichloroethane	10.710	97	7634	5.245	ug/l #	20
59) 2-Hexanone	10.893	43	6830	8.338	ug/l #	16
67) Ethyl Benzene	11.687	91	27292	3.425	ug/l	99
68) m/p-Xylenes	11.793	106	38711	12.720	ug/l	87
69) o-Xylene	12.122	106	16044	5.809	ug/l	96
73) Isopropylbenzene	12.416	105	5152	1.825	ug/l	100
74) N-amyl acetate	12.198	43	10696	19.807	ug/l #	41
76) 1,2,3-Trichloropropane	12.575	75	30478	88.520	ug/l #	100
78) n-propylbenzene	12.763	91	11048	3.156	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	8238	3.520	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.575	75	30478	190.675	ug/l #	17
83) tert-Butylbenzene	13.404	119	2944	1.505	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	24058	10.164	ug/l	95
85) sec-Butylbenzene	13.345	105	3032	1.023	ug/l	98
86) p-Isopropyltoluene	13.463	119	15752	6.110	ug/l	91
89) n-Butylbenzene	13.792	91	5170	2.060	ug/l #	72
90) Hexachloroethane	14.069	117	934	1.847	ug/l #	11

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

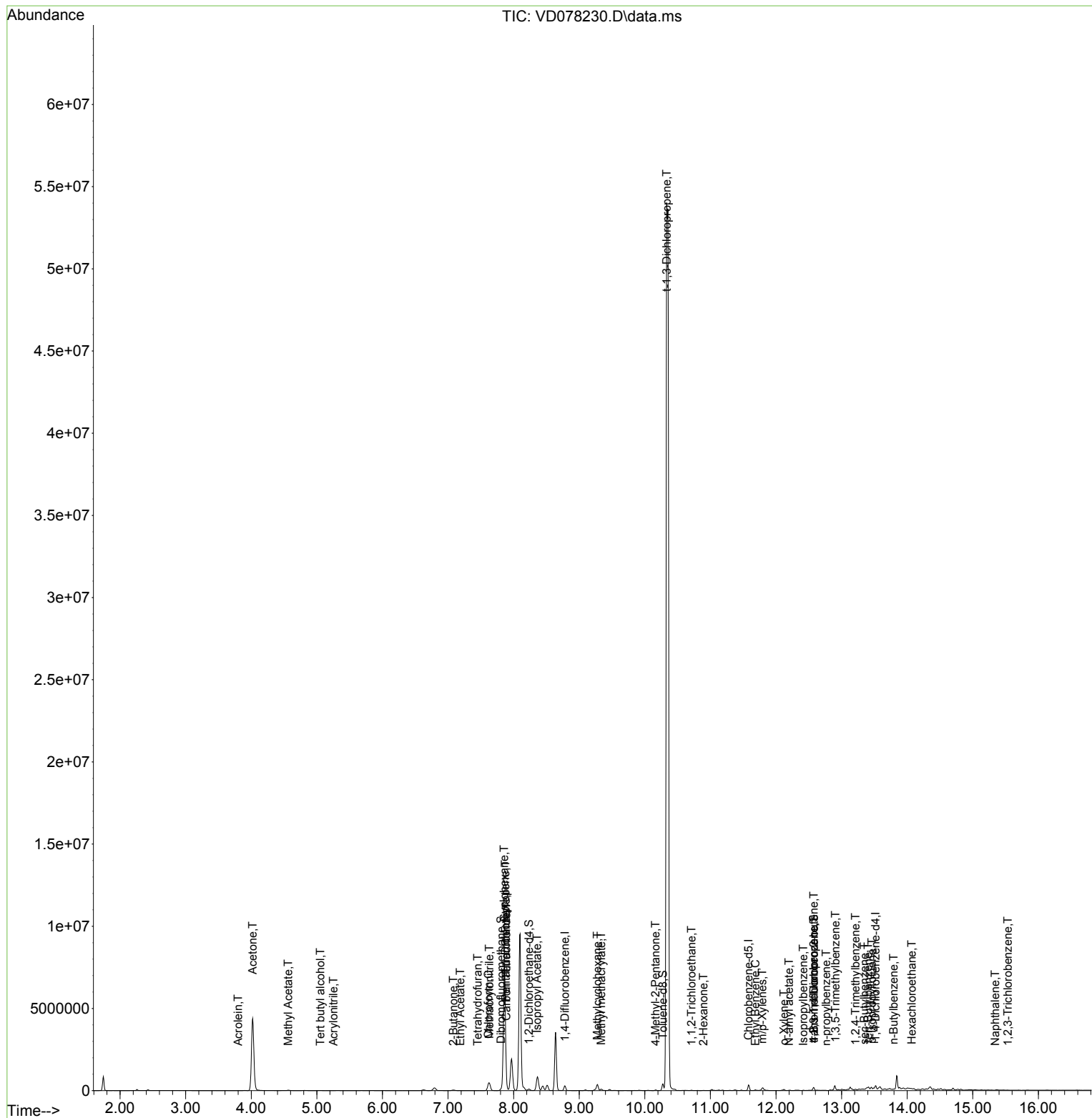
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.339	128	3660	2.939	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.534	180	985	1.763	ug/l #	20

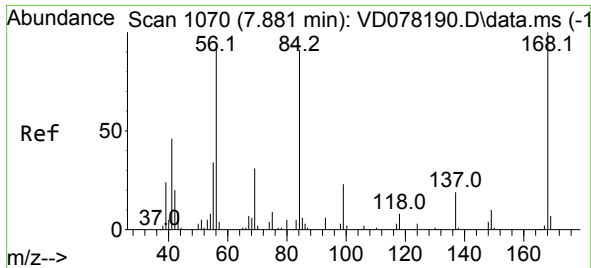
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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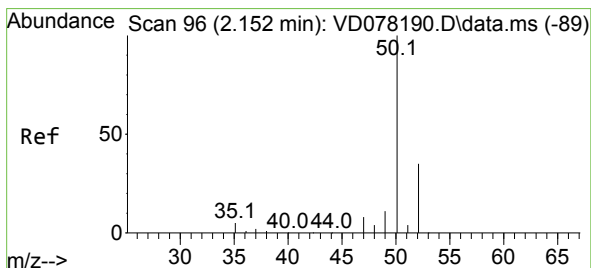
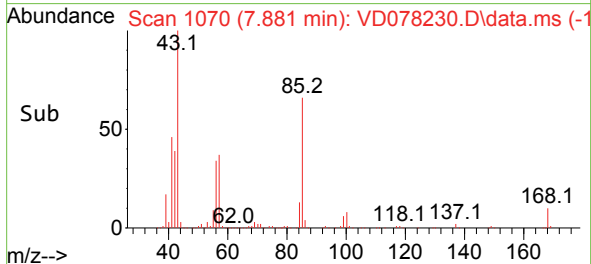
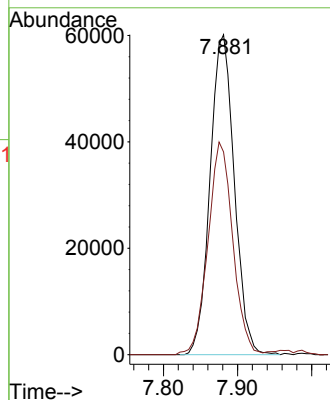
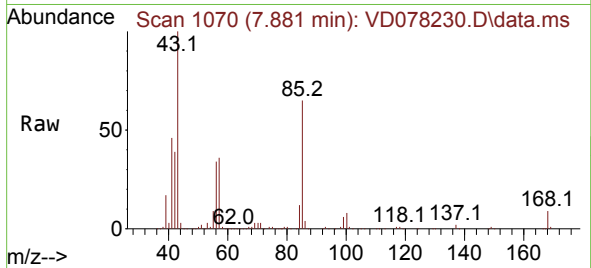




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

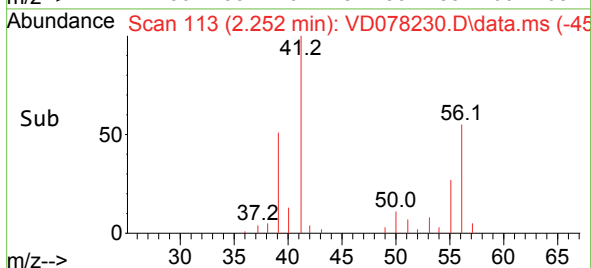
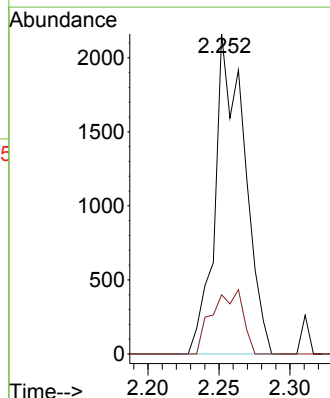
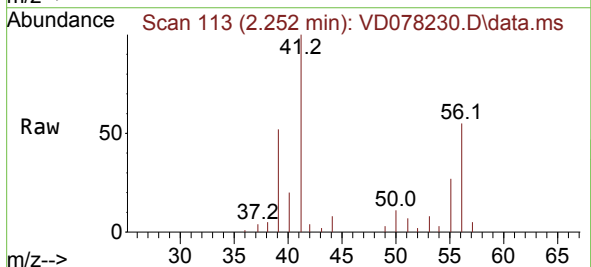
Instrument :
MSVOA_D
ClientSampleId :
137

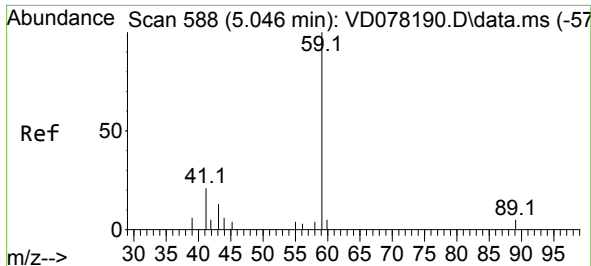
Tgt Ion:168 Resp: 136834
Ion Ratio Lower Upper
168 100
99 62.5 36.7 55.1#



#3
Chloromethane
Concen: Below Cal
RT: 2.252 min Scan# 113
Delta R.T. 0.100 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 50 Resp: 3141
Ion Ratio Lower Upper
50 100
52 18.5 26.6 40.0#





#11

Tert butyl alcohol

Concen: 123.416 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

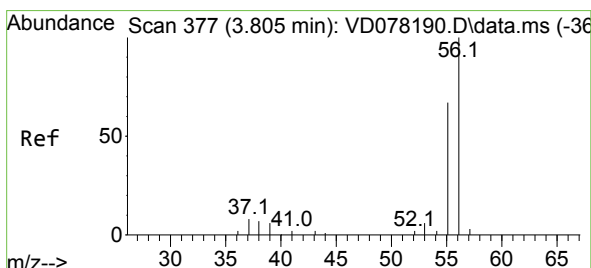
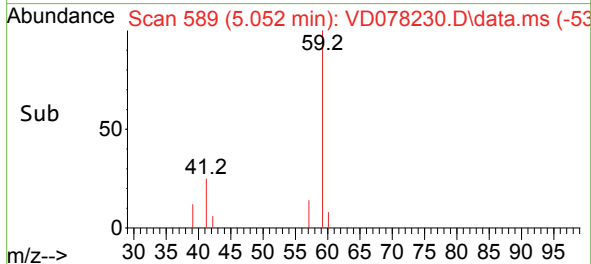
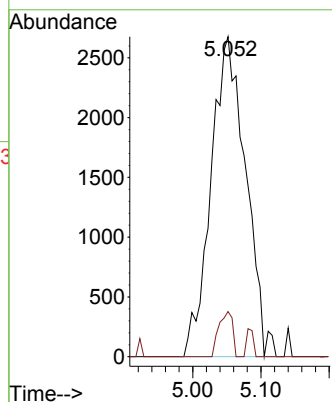
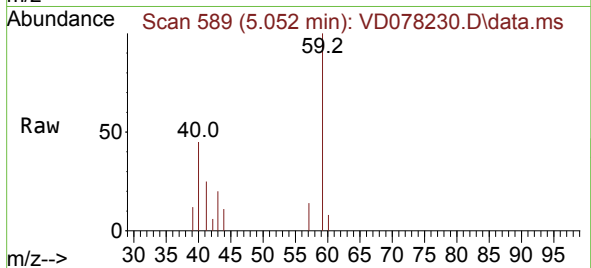
137

Tgt Ion: 59 Resp: 9491

Ion Ratio Lower Upper

59 100

57 5.6 7.8 11.8#



#13

Acrolein

Concen: 2.492 ug/l

RT: 3.799 min Scan# 376

Delta R.T. -0.006 min

Lab File: VD078230.D

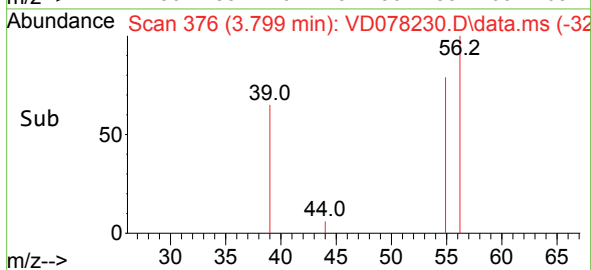
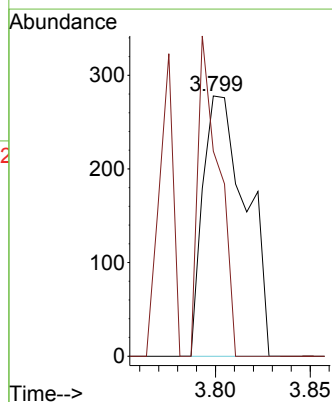
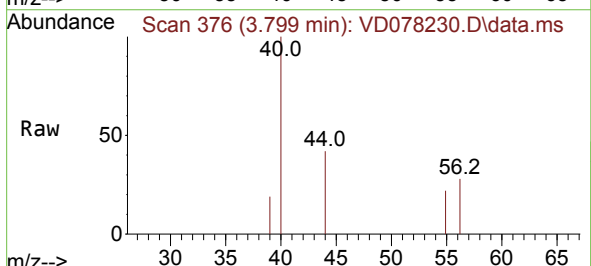
Acq: 24 Jan 2024 18:26

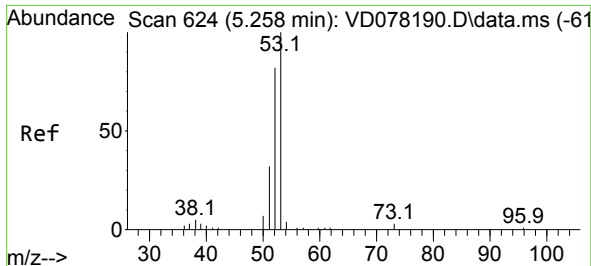
Tgt Ion: 56 Resp: 440

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

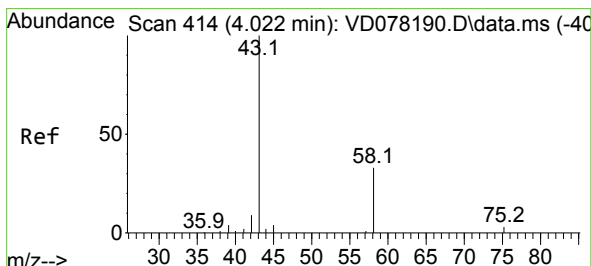
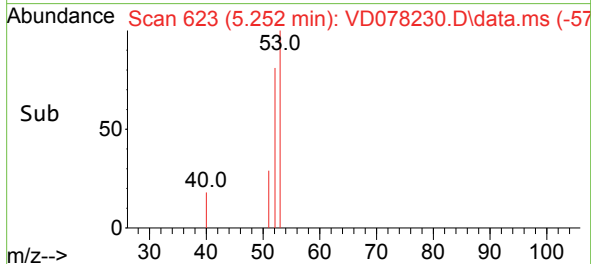
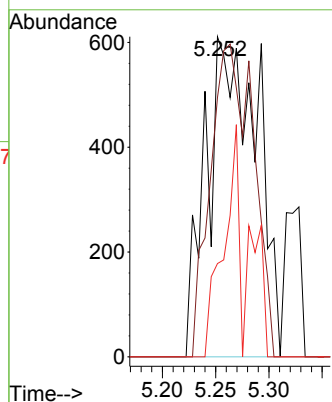
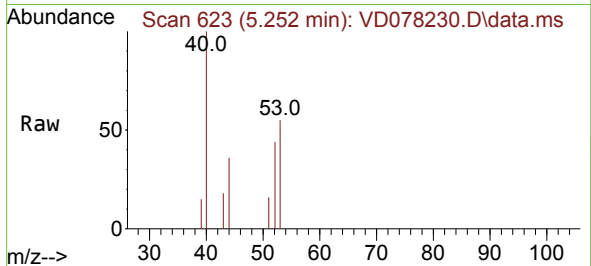




#15
Acrylonitrile
Concen: 5.551 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

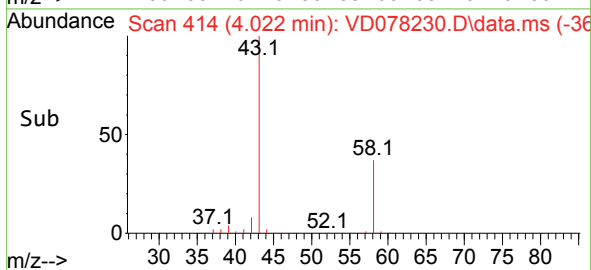
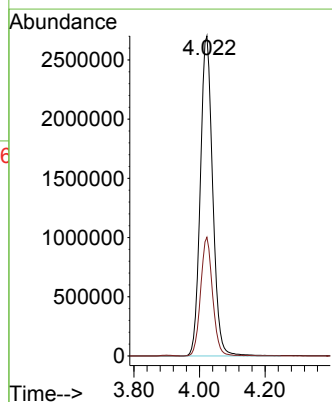
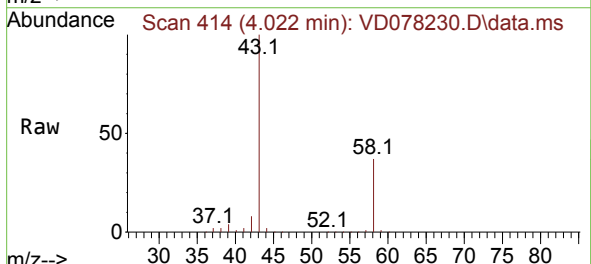
Instrument :
MSVOA_D
ClientSampleId :
137

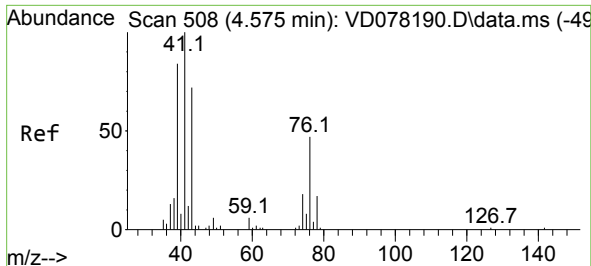
Tgt Ion: 53 Resp: 2038
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 21.3 28.3 42.5#



#16
Acetone
Concen: 21110.047 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 43 Resp: 7101067
Ion Ratio Lower Upper
43 100
58 37.1 34.7 52.1

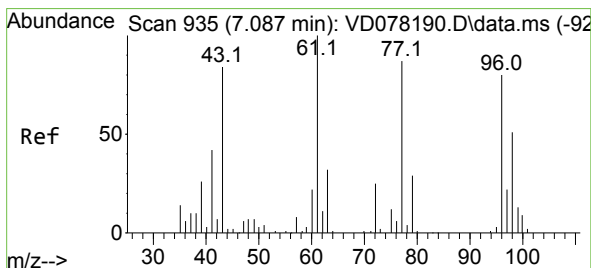
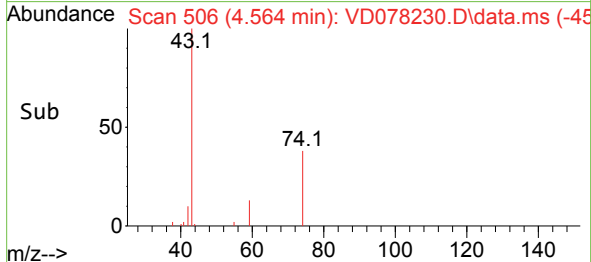
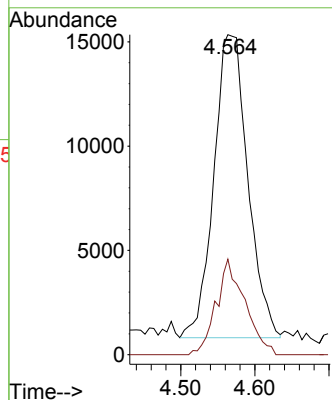
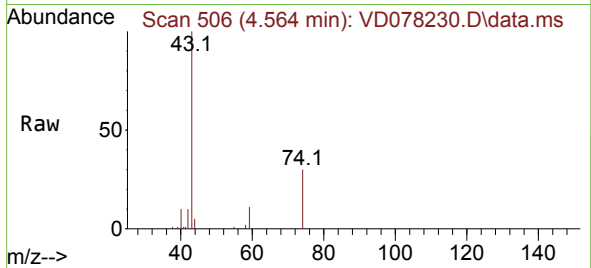




#18
Methyl Acetate
Concen: 34.467 ug/l
RT: 4.564 min Scan# 508
Delta R.T. -0.012 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

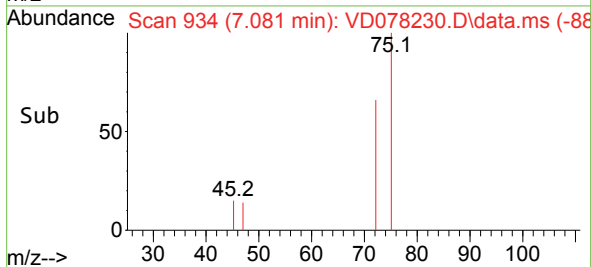
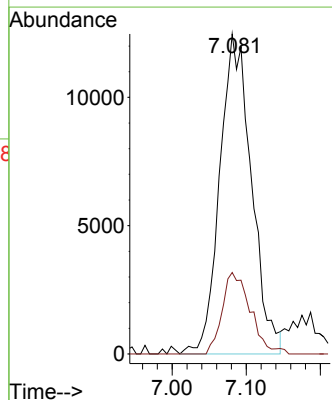
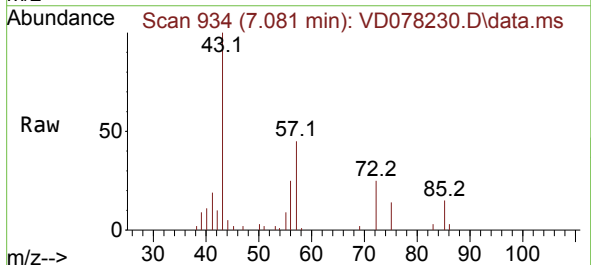
Instrument :
MSVOA_D
ClientSampleId :
137

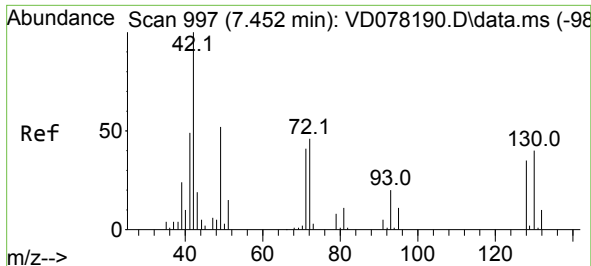
Tgt Ion: 43 Resp: 46321
Ion Ratio Lower Upper
43 100
74 26.6 26.4 39.6



#25
2-Butanone
Concen: 67.706 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 43 Resp: 37014
Ion Ratio Lower Upper
43 100
72 25.5 30.7 46.1#





#29

Tetrahydrofuran

Concen: 2.736 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

137

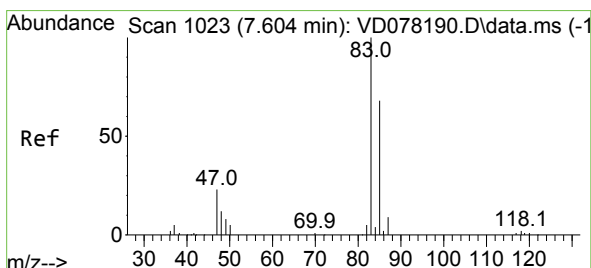
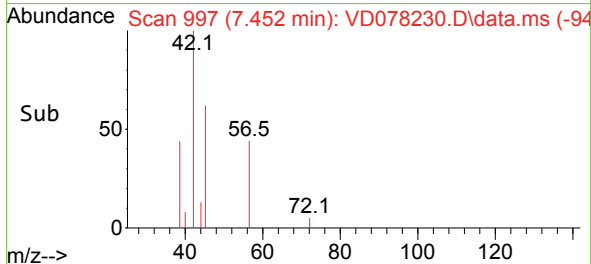
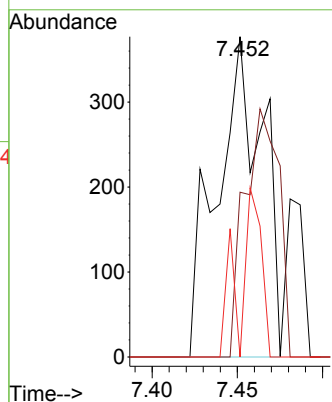
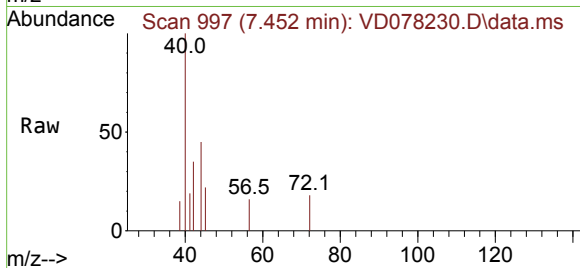
Tgt Ion: 42 Resp: 705

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#30

Chloroform

Concen: 1.253 ug/l

RT: 7.616 min Scan# 1025

Delta R.T. 0.012 min

Lab File: VD078230.D

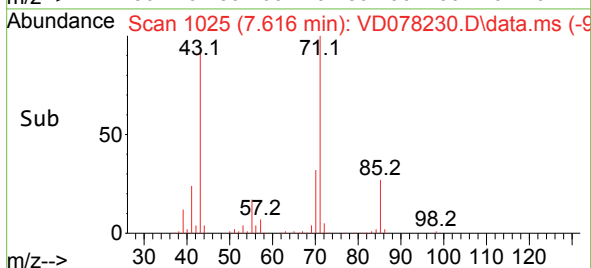
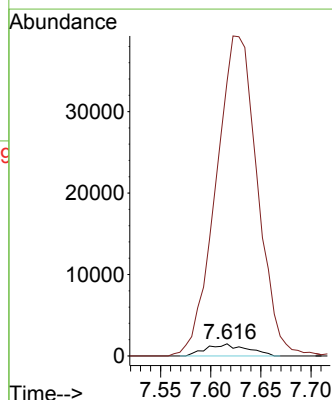
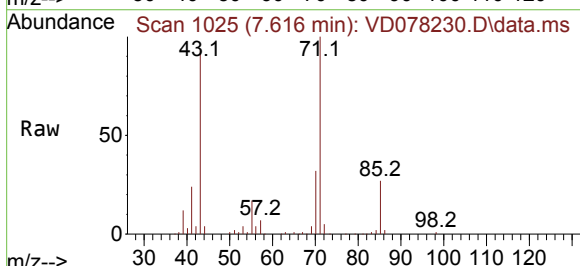
Acq: 24 Jan 2024 18:26

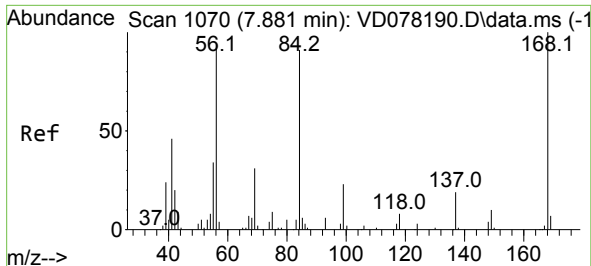
Tgt Ion: 83 Resp: 4161

Ion Ratio Lower Upper

83 100

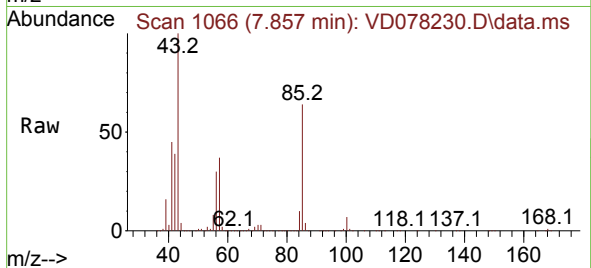
85 2238.2 53.4 80.2#



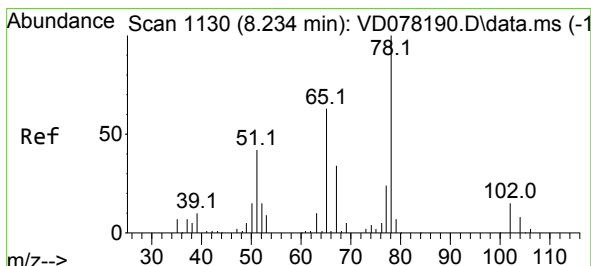
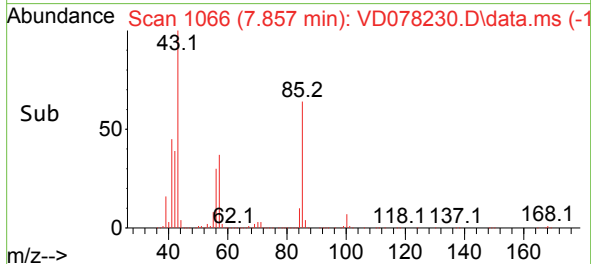
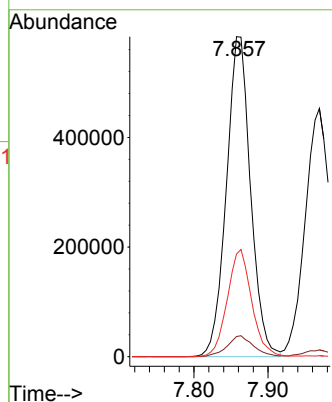


#31
Cyclohexane
Concen: 458.310 ug/l
RT: 7.857 min Scan# 1066
Delta R.T. -0.023 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Instrument :
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ClientSampleId :
137

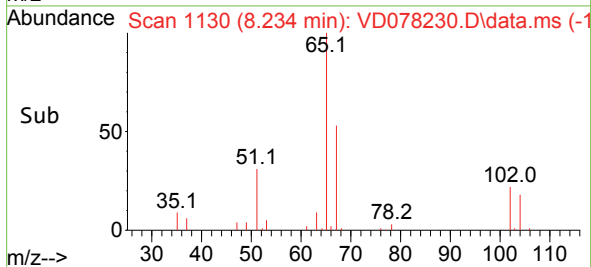
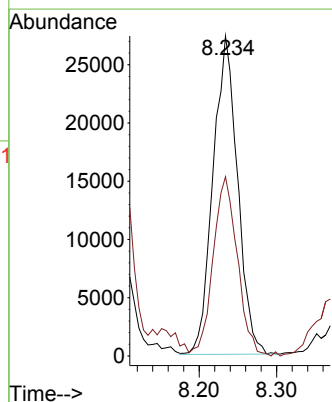
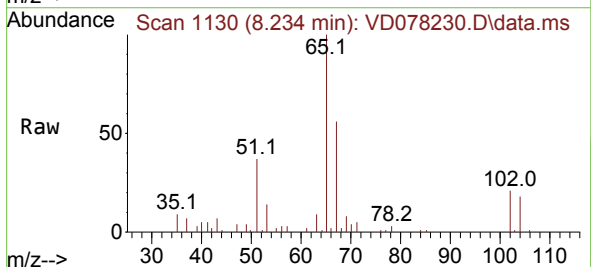


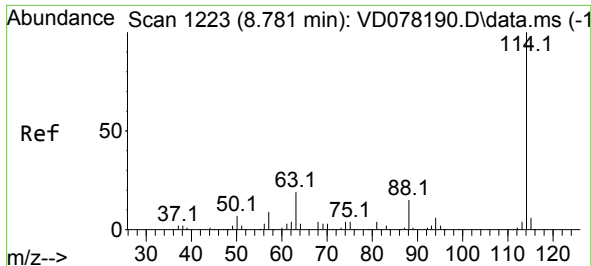
Tgt Ion: 56 Resp: 1323709
Ion Ratio Lower Upper
56 100
69 6.3 28.6 43.0#
84 32.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 38.559 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 65 Resp: 60232
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

137

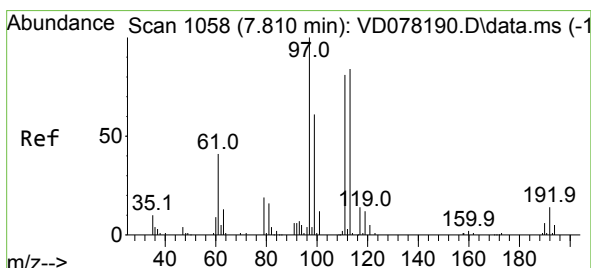
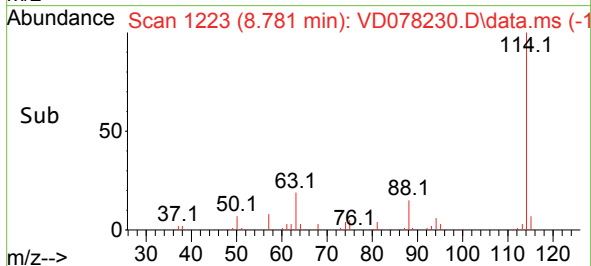
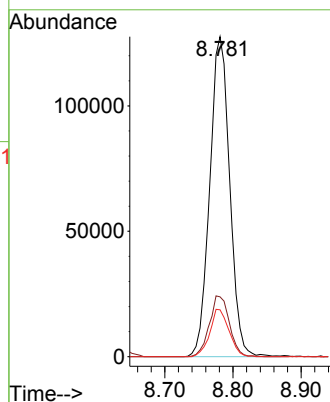
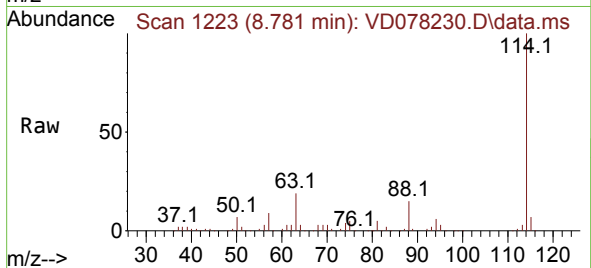
Tgt Ion:114 Resp: 259875

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.527 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

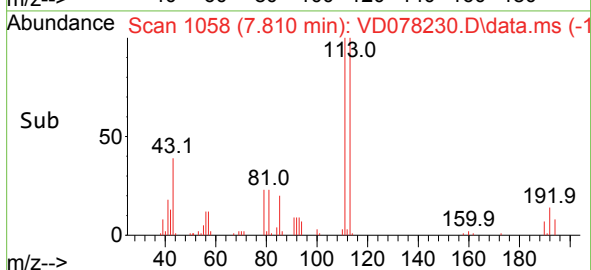
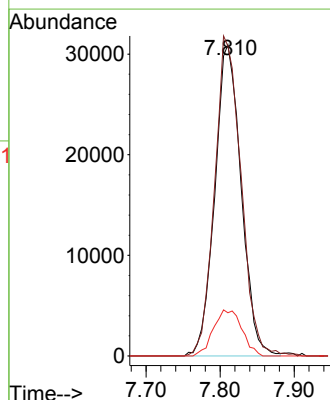
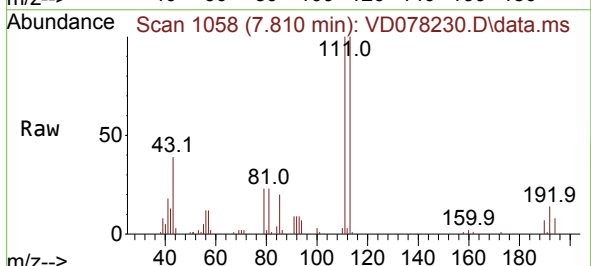
Tgt Ion:113 Resp: 76156

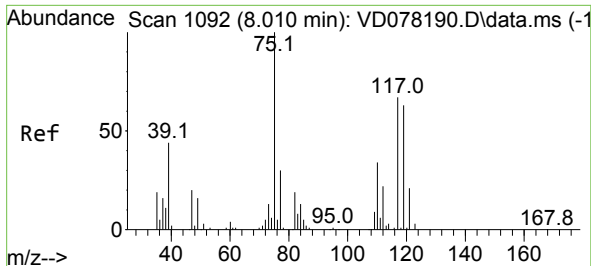
Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 16.1 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.135 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

137

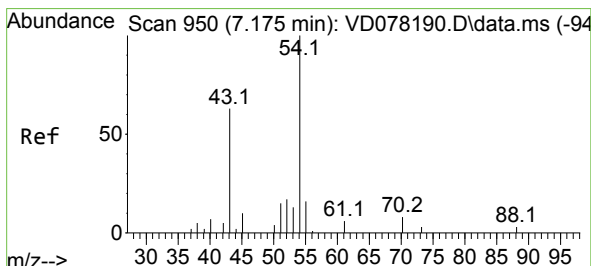
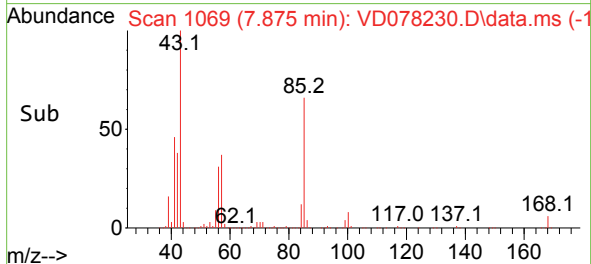
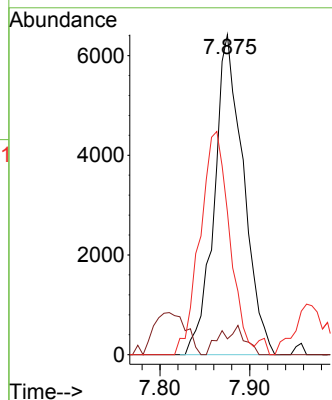
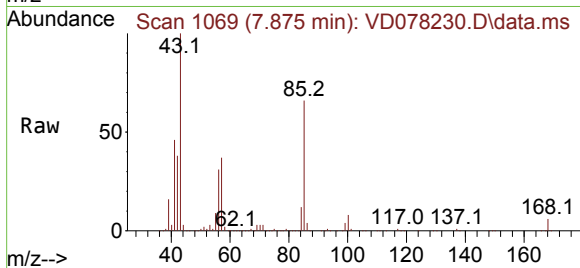
Tgt Ion: 75 Resp: 14455

Ion Ratio Lower Upper

75 100

110 7.5 19.9 59.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 4.209 ug/l

RT: 7.187 min Scan# 952

Delta R.T. 0.012 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

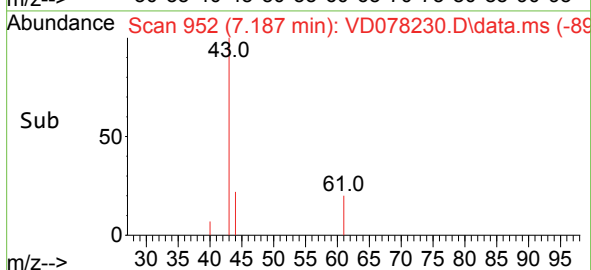
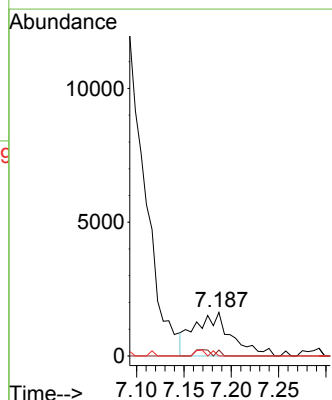
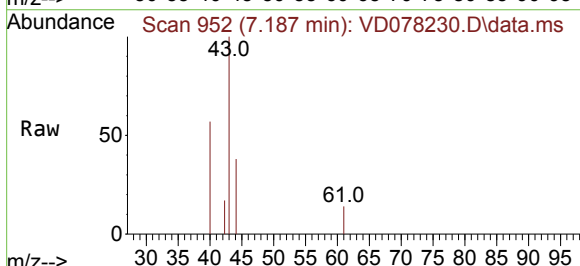
Tgt Ion: 43 Resp: 4407

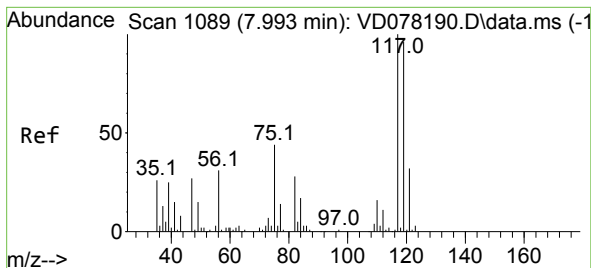
Ion Ratio Lower Upper

43 100

61 7.3 14.9 22.3#

70 4.9 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 5.326 ug/l

RT: 7.887 min Scan# 1089

Delta R.T. -0.106 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

137

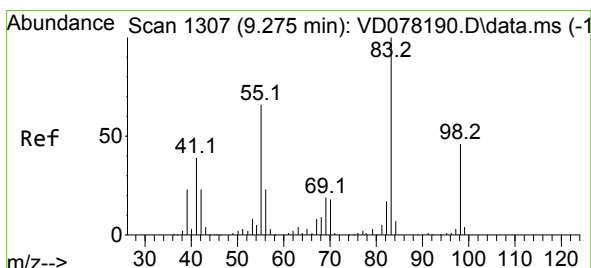
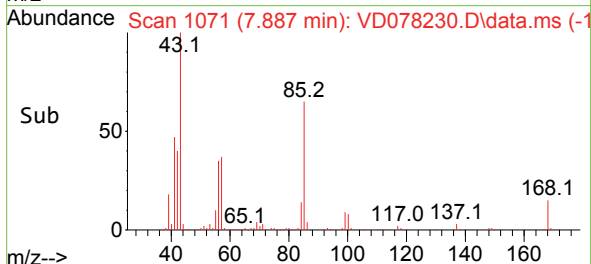
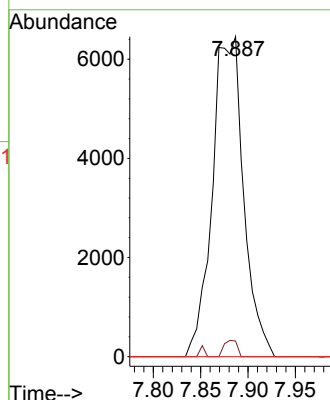
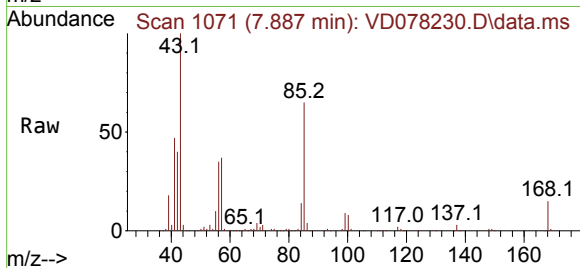
Tgt Ion:117 Resp: 14794

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 44.652 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

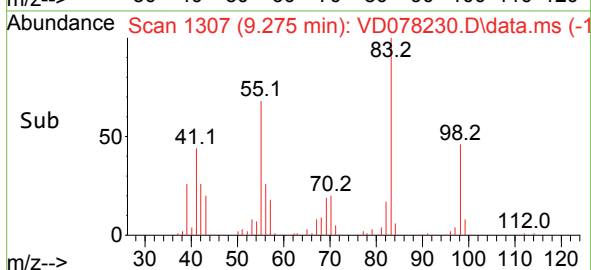
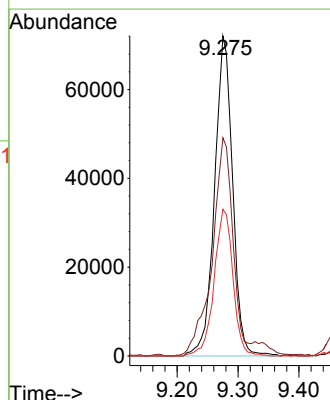
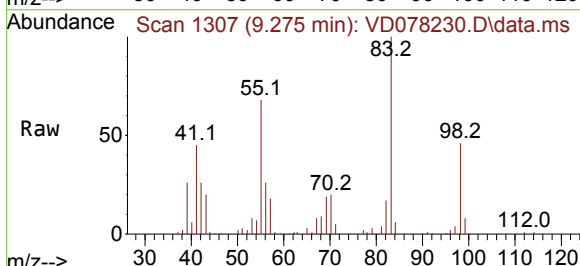
Tgt Ion: 83 Resp: 148520

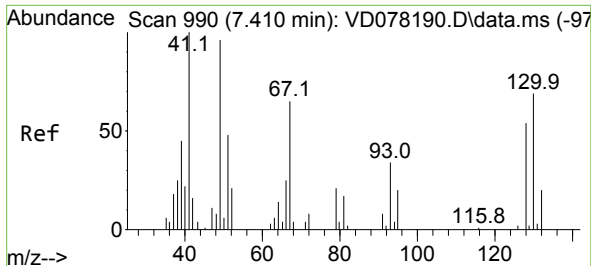
Ion Ratio Lower Upper

83 100

55 67.9 49.4 74.0

98 45.8 38.4 57.6

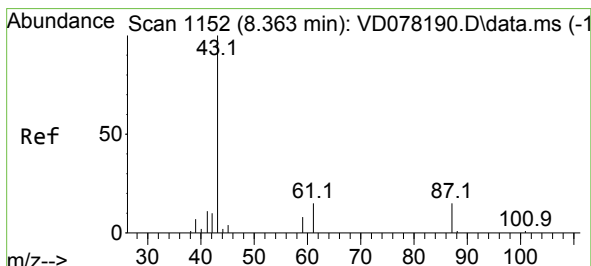
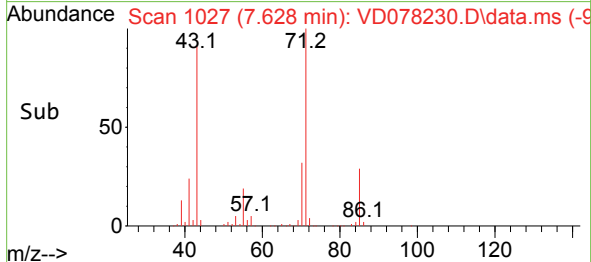
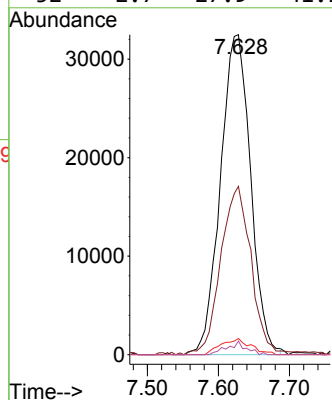
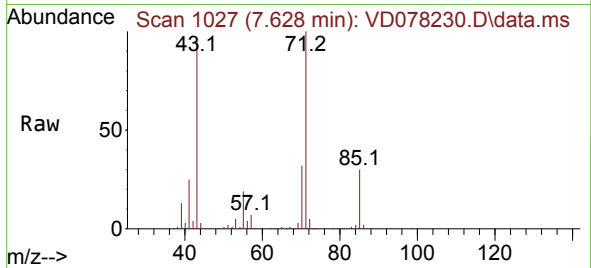




#41
Methacrylonitrile
Concen: 166.618 ug/l
RT: 7.628 min Scan# 1027
Delta R.T. 0.218 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

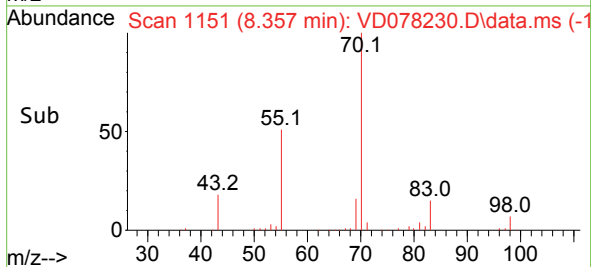
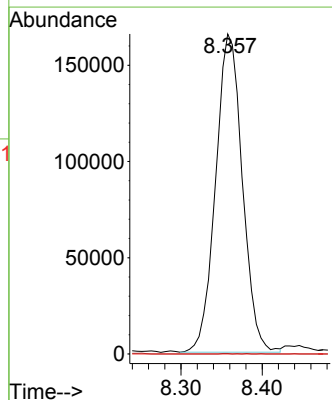
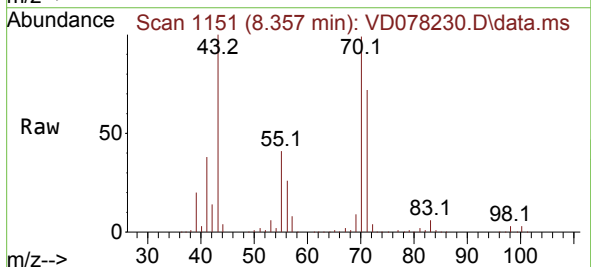
Instrument :
MSVOA_D
ClientSampleId :
137

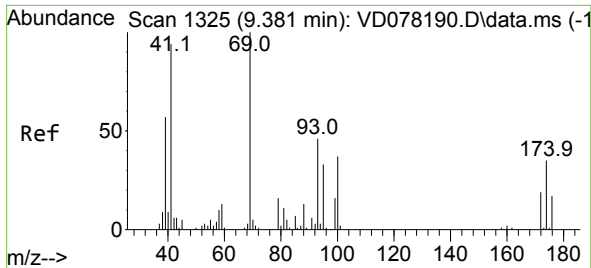
Tgt Ion: 41 Resp: 95793
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0#
67 5.0 77.0 115.4#
52 2.7 27.9 41.9#



#43
Isopropyl Acetate
Concen: 197.358 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 43 Resp: 378587
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0#
87 0.0 14.9 22.3#

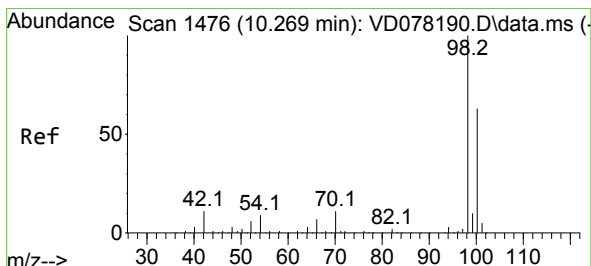
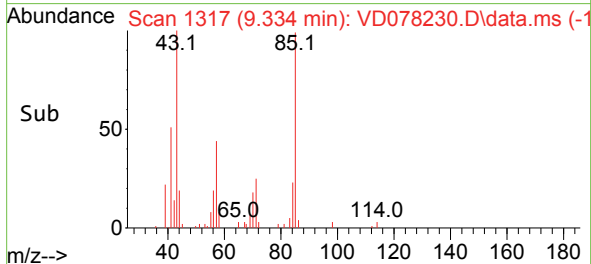
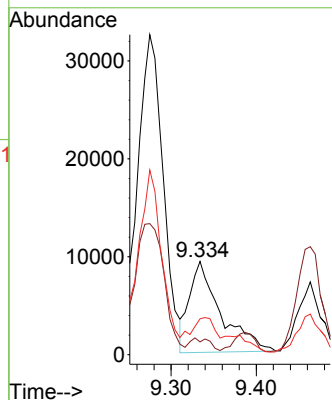
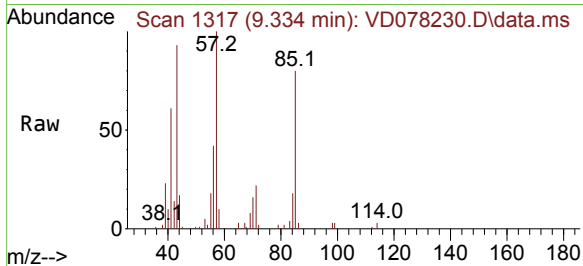




#48
Methyl methacrylate
Concen: 21.395 ug/l
RT: 9.334 min Scan# 1137
Delta R.T. -0.047 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

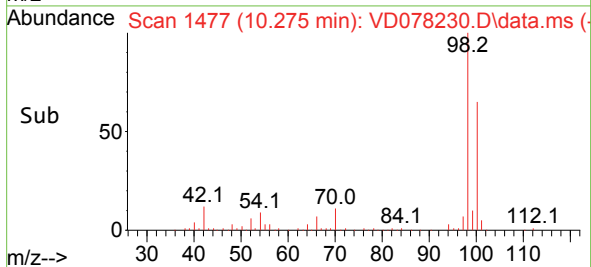
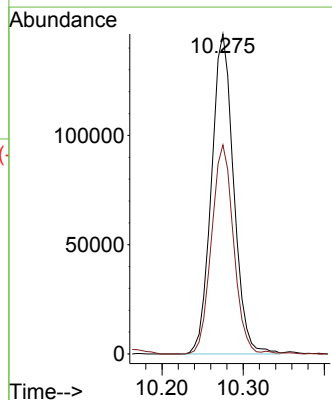
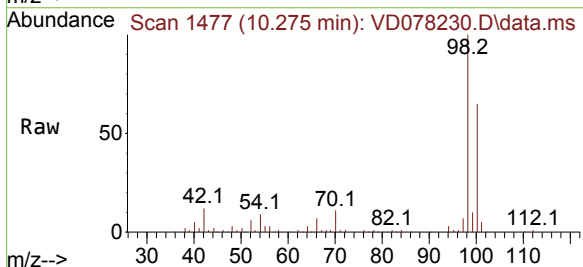
Instrument :
MSVOA_D
ClientSampleId :
137

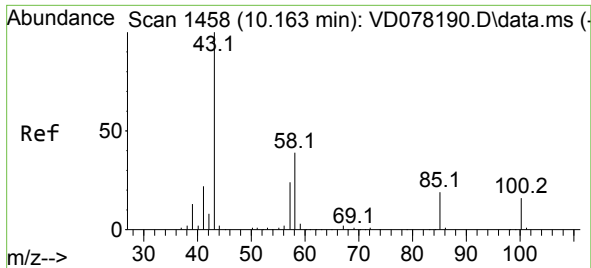
Tgt Ion: 41 Resp: 23761
Ion Ratio Lower Upper
41 100
69 10.5 102.2 153.2#
39 12.6 41.4 62.2#



#50
Toluene-d8
Concen: 41.139 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 98 Resp: 278603
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

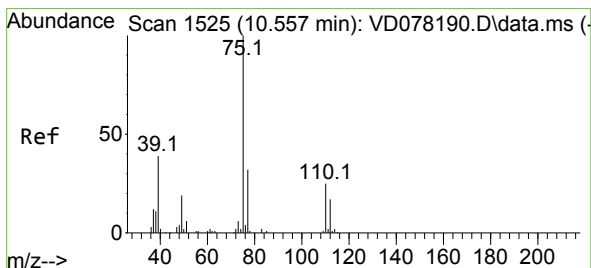
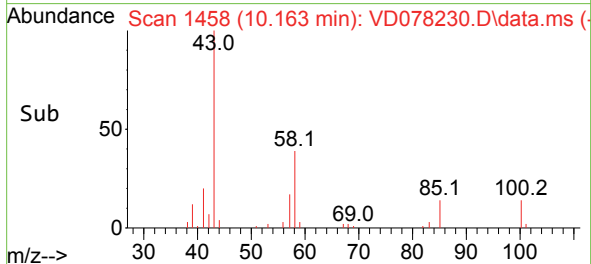
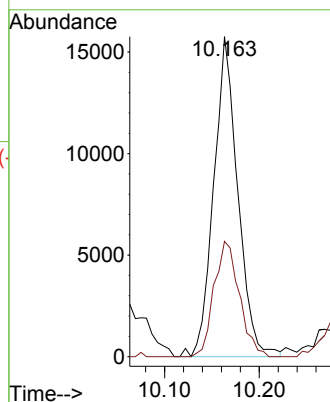
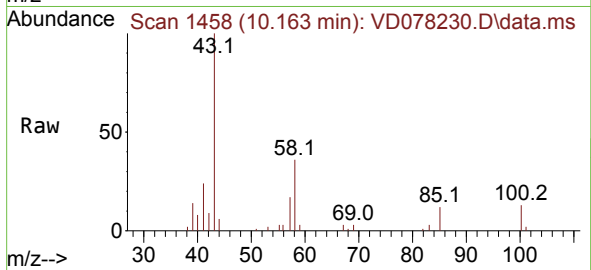




#51
4-Methyl-2-Pentanone
Concen: 27.582 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

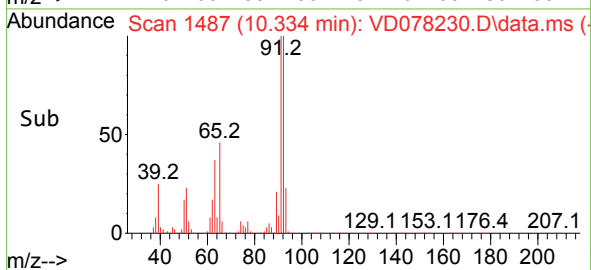
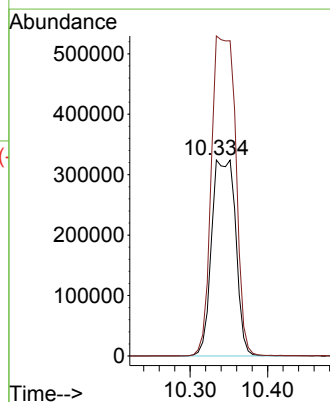
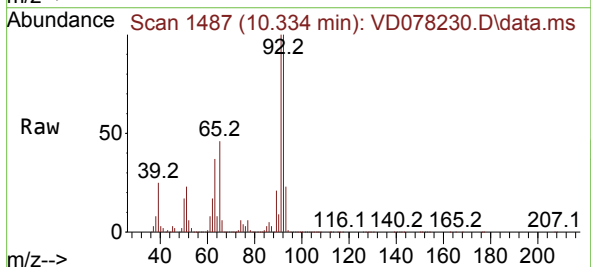
Instrument :
MSVOA_D
ClientSampleId :
137

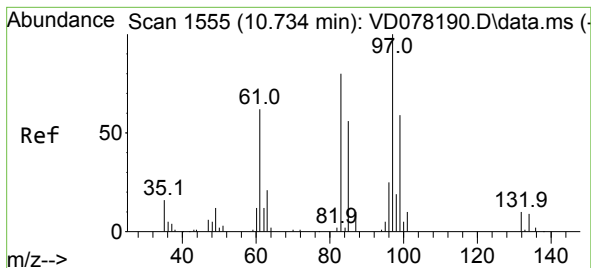
Tgt Ion: 43 Resp: 27803
Ion Ratio Lower Upper
43 100
58 37.9 38.9 58.3#



#53
t-1,3-Dichloropropene
Concen: 276.525 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.223 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 75 Resp: 697005
Ion Ratio Lower Upper
75 100
77 163.3 25.3 37.9#





#55

1,1,2-Trichloroethane

Concen: 5.245 ug/l

RT: 10.710 min Scan# 1551

Delta R.T. -0.023 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

137

Tgt Ion: 97 Resp: 7634

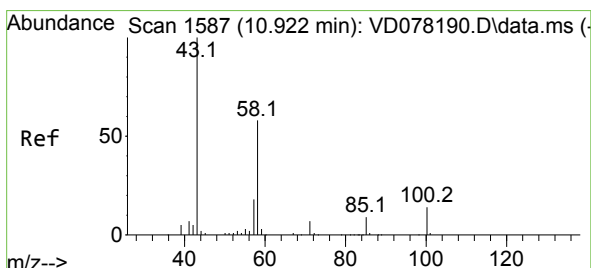
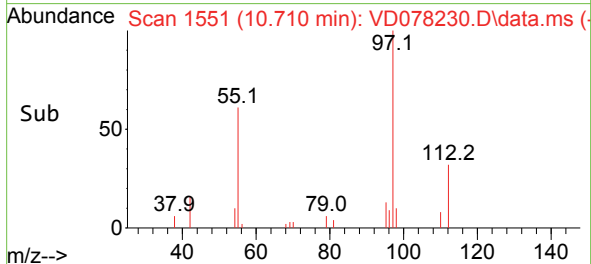
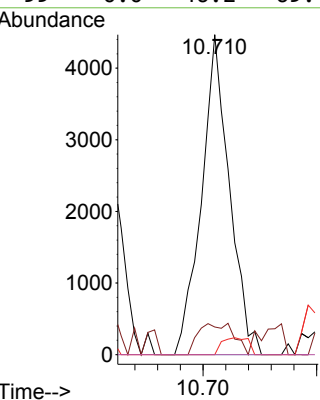
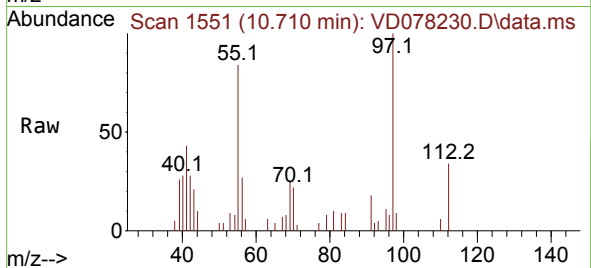
Ion Ratio Lower Upper

97 100

83 8.6 65.8 98.6#

85 0.0 45.7 68.5#

99 0.0 46.2 69.4#



#59

2-Hexanone

Concen: 8.338 ug/l

RT: 10.893 min Scan# 1582

Delta R.T. -0.029 min

Lab File: VD078230.D

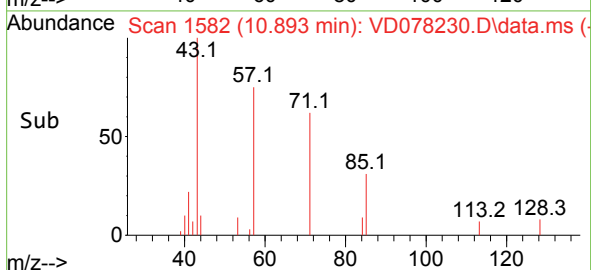
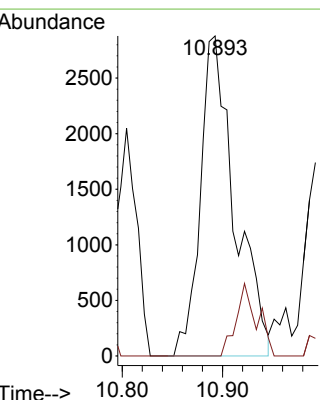
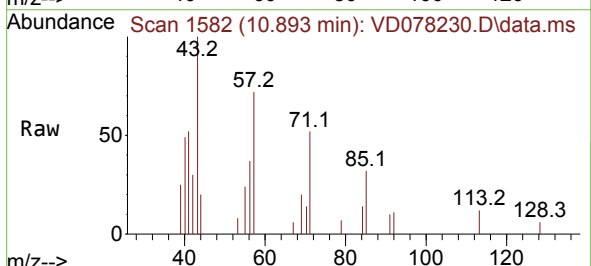
Acq: 24 Jan 2024 18:26

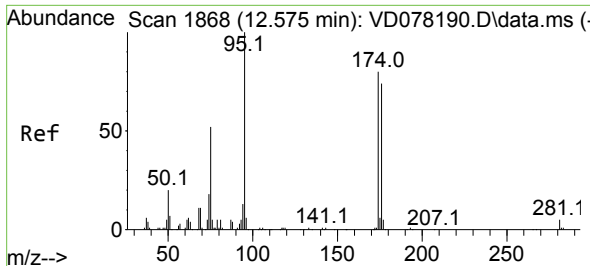
Tgt Ion: 43 Resp: 6830

Ion Ratio Lower Upper

43 100

58 0.0 34.1 102.2#

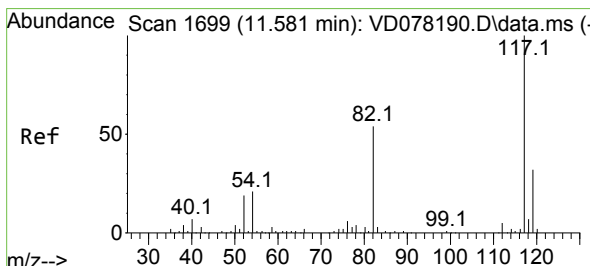
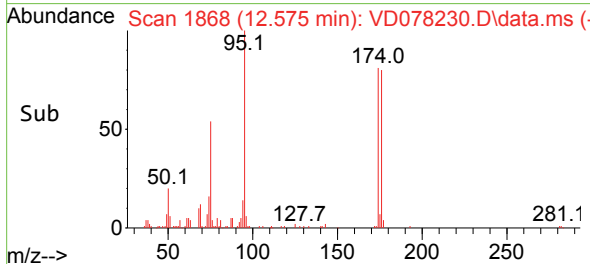
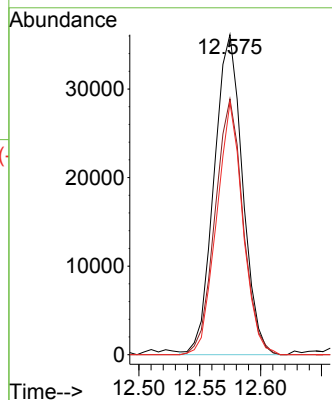
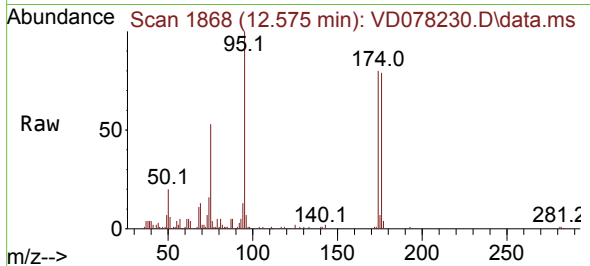




#62
4-Bromofluorobenzene
Concen: 29.910 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

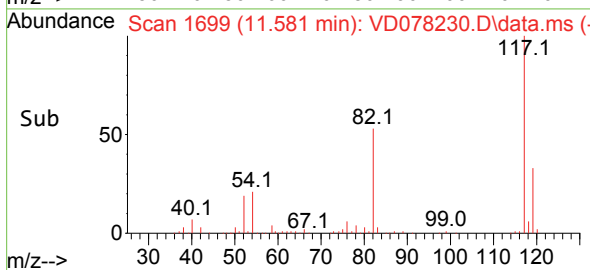
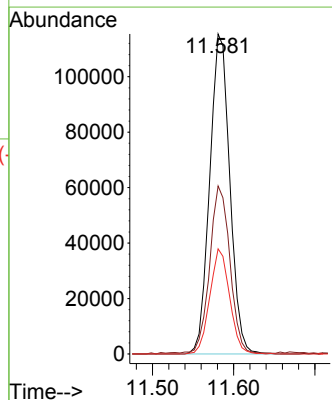
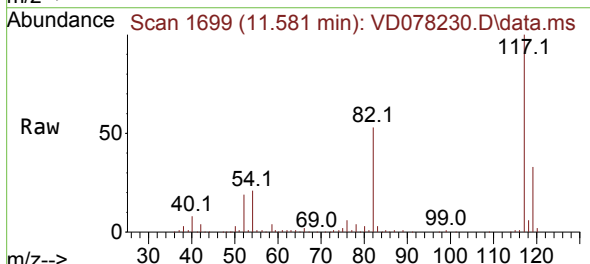
Instrument :
MSVOA_D
ClientSampleId :
137

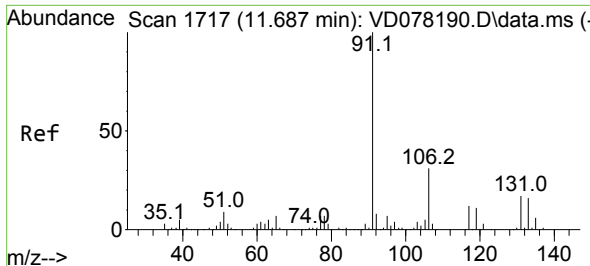
Tgt Ion:	95	Resp:	58742
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	201.8
176	72.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion:	117	Resp:	198218
Ion Ratio	Lower	Upper	
117	100		
82	52.2	38.3	57.5
119	32.9	25.0	37.4

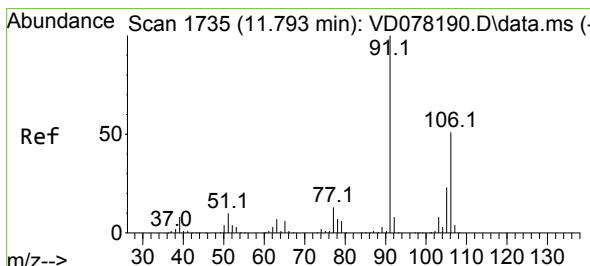
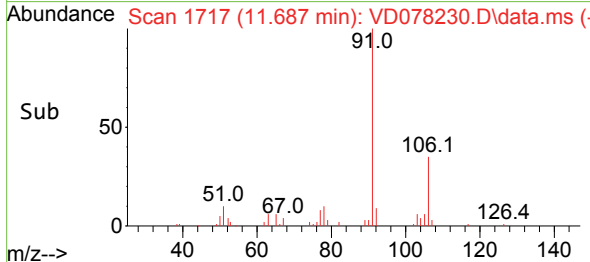
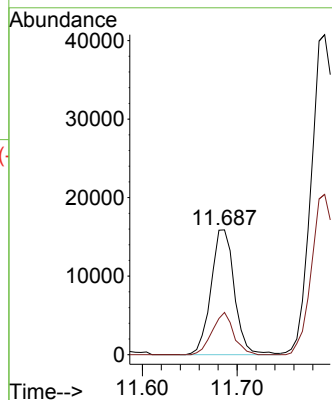
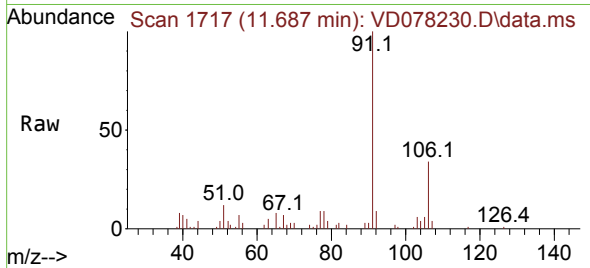




#67
Ethyl Benzene
Concen: 3.425 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

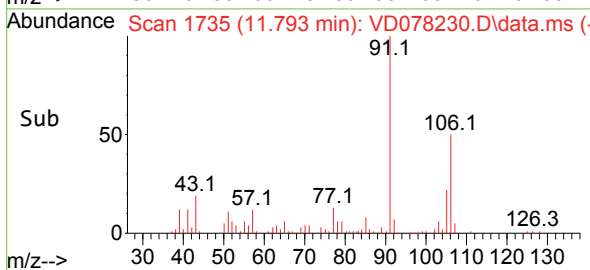
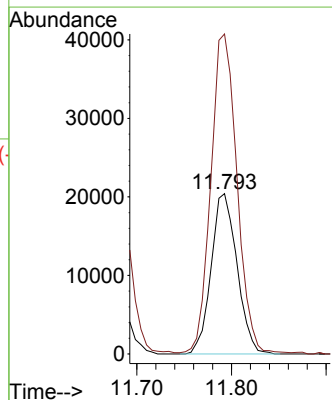
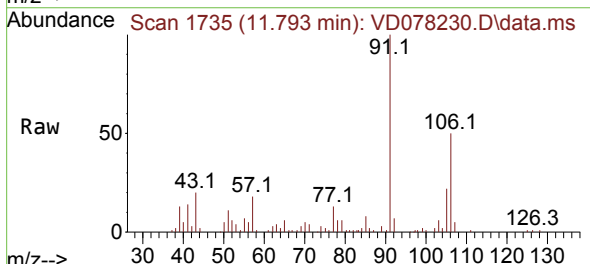
Instrument :
MSVOA_D
ClientSampleId :
137

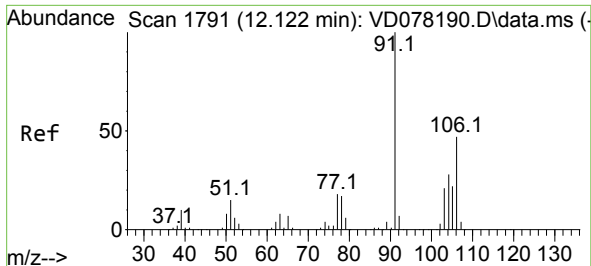
Tgt Ion: 91 Resp: 27292
Ion Ratio Lower Upper
91 100
106 33.8 26.5 39.7



#68
m/p-Xylenes
Concen: 12.720 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 106 Resp: 38711
Ion Ratio Lower Upper
106 100
91 203.0 147.0 220.6

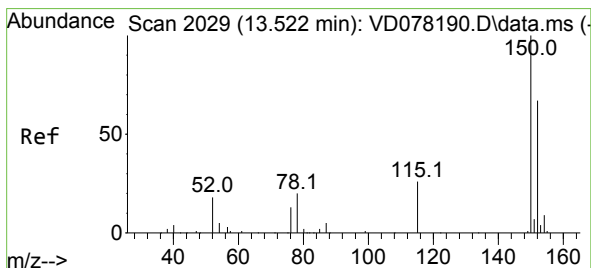
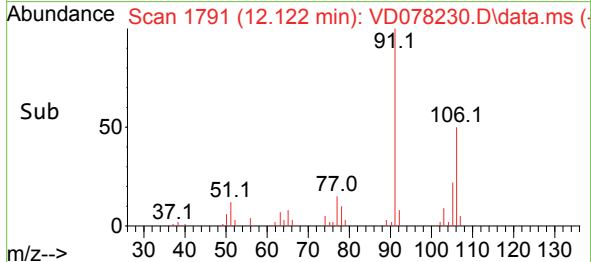
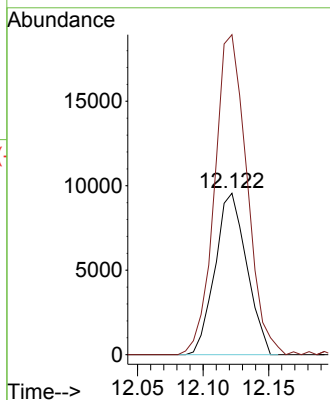
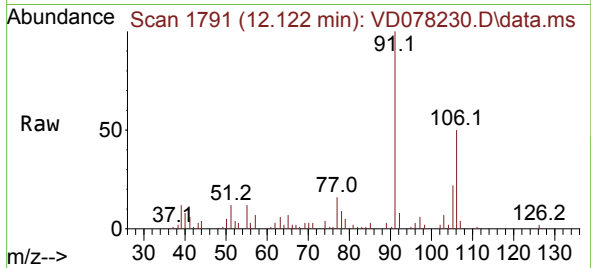




#69
o-Xylene
Concen: 5.809 ug/l
RT: 12.122 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

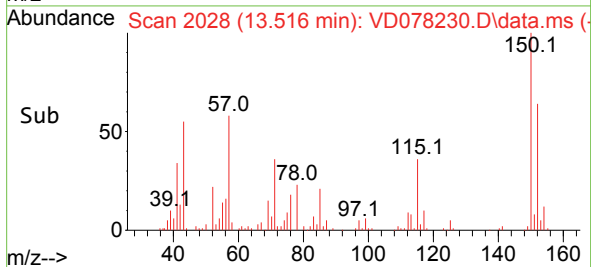
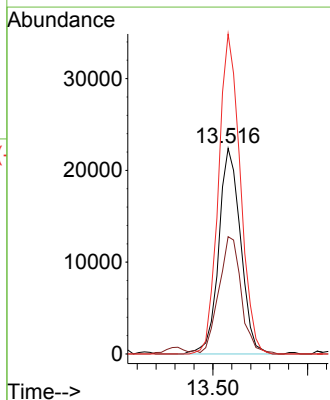
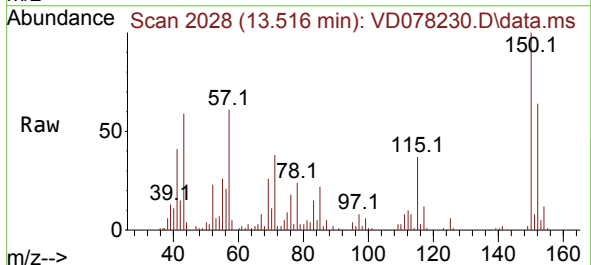
Instrument :
MSVOA_D
ClientSampleId :
137

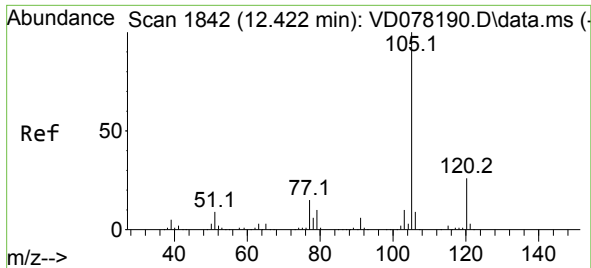
Tgt Ion:106 Resp: 16044
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion:152 Resp: 35898
Ion Ratio Lower Upper
152 100
115 58.5 27.1 81.3
150 155.2 0.0 353.6

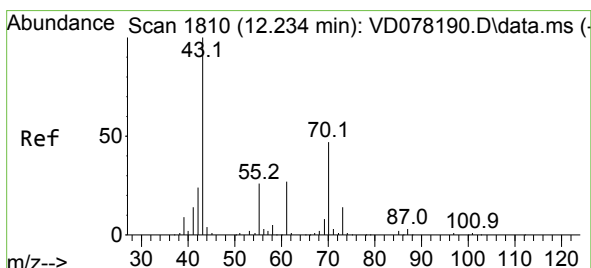
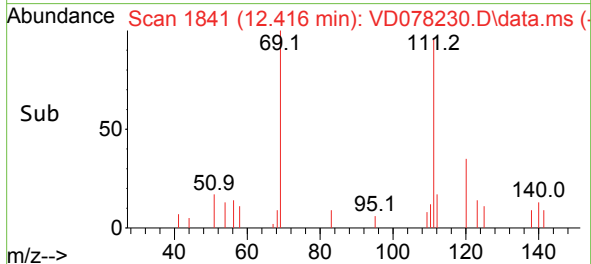
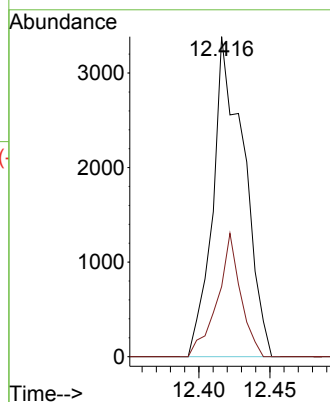
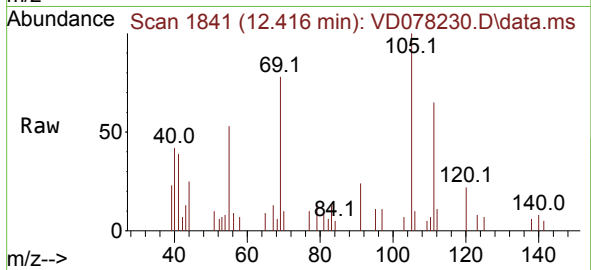




#73
Isopropylbenzene
Concen: 1.825 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

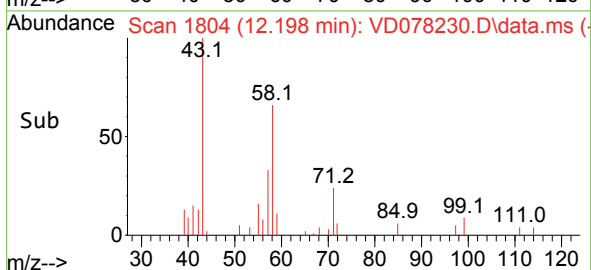
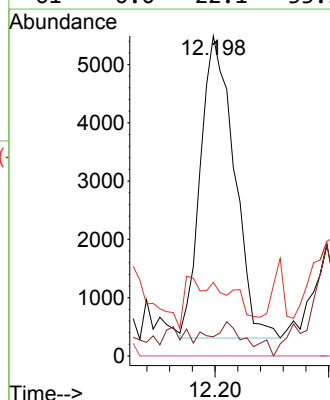
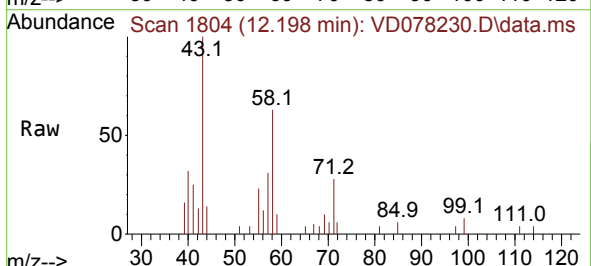
Instrument :
MSVOA_D
ClientSampleId :
137

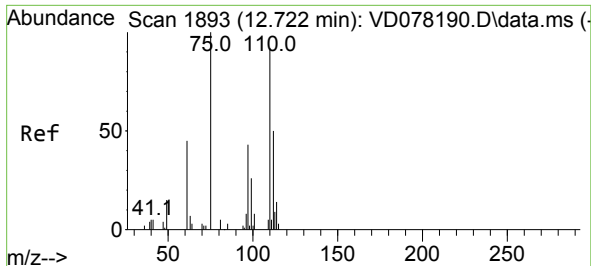
Tgt Ion:105 Resp: 5152
Ion Ratio Lower Upper
105 100
120 28.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.807 ug/l
RT: 12.198 min Scan# 1804
Delta R.T. -0.035 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 43 Resp: 10696
Ion Ratio Lower Upper
43 100
70 8.9 45.0 67.4#
55 0.0 23.8 35.6#
61 0.0 22.1 33.1#

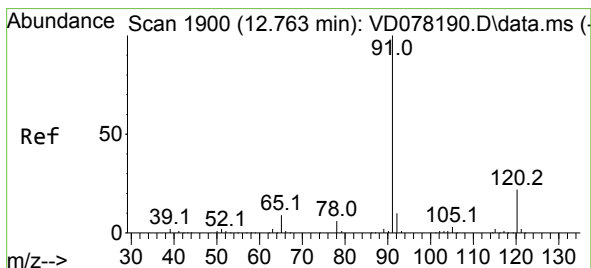
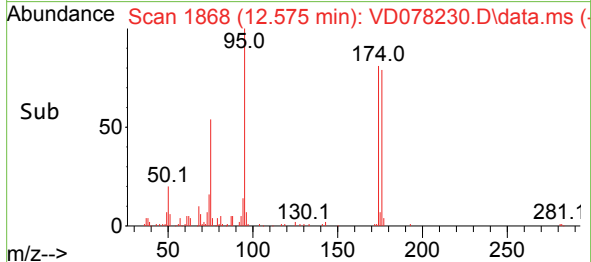
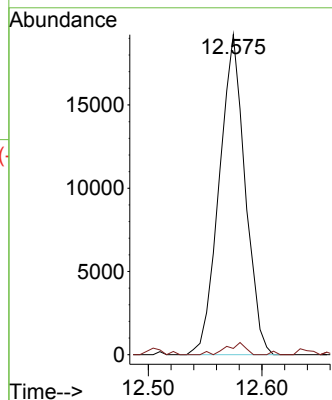
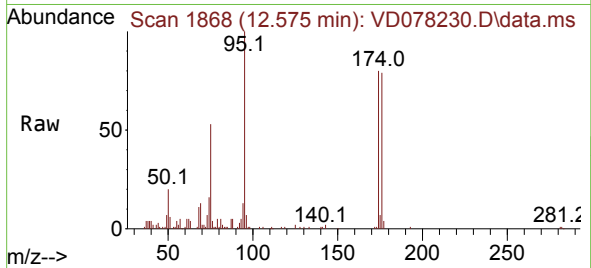




#76
1,2,3-Trichloropropane
Concen: 88.520 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

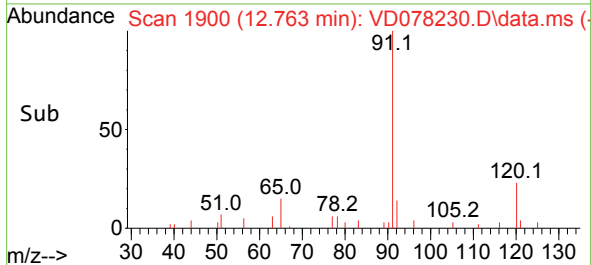
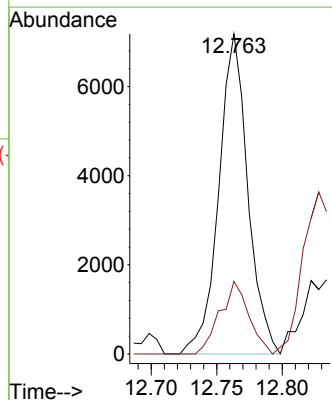
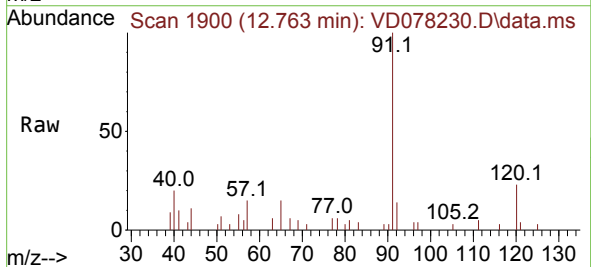
Instrument :
MSVOA_D
ClientSampleId :
137

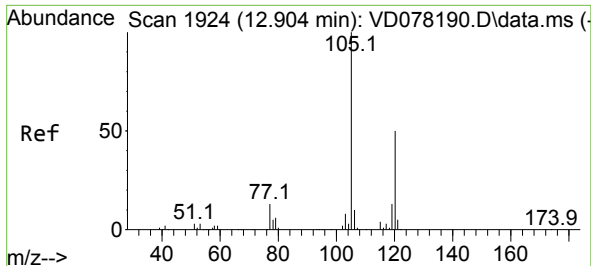
Tgt Ion: 75 Resp: 30478
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#78
n-propylbenzene
Concen: 3.156 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion: 91 Resp: 11048
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

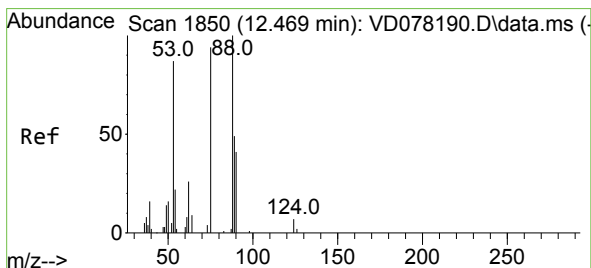
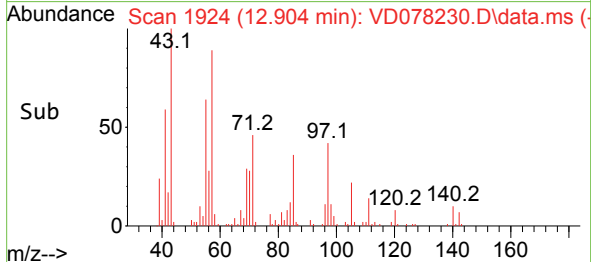
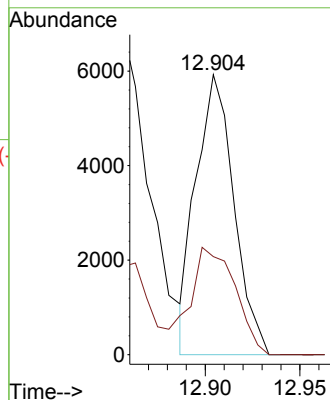
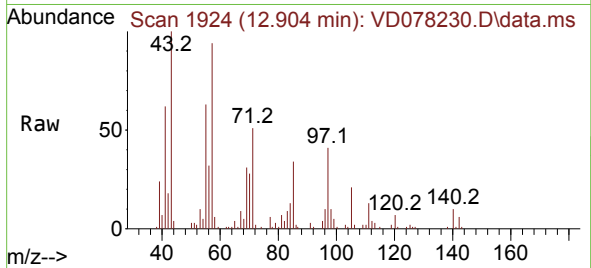




#80
 1,3,5-Trimethylbenzene
 Concen: 3.520 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD078230.D
 Acq: 24 Jan 2024 18:26

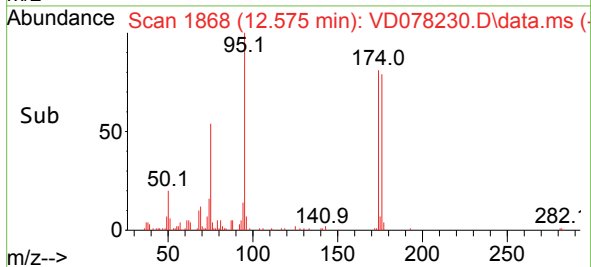
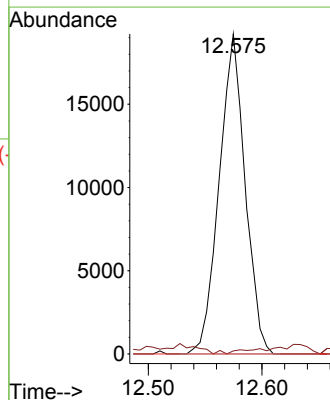
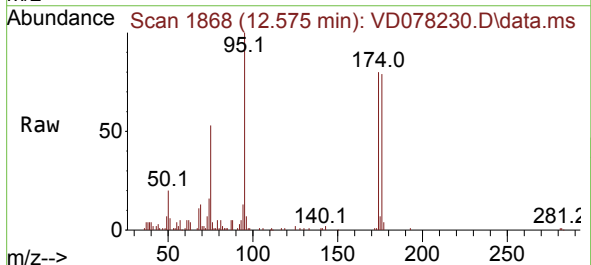
Instrument :
 MSVOA_D
 ClientSampleId :
 137

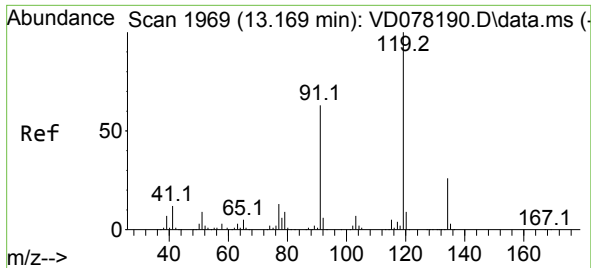
Tgt Ion:105 Resp: 8238
 Ion Ratio Lower Upper
 105 100
 120 45.2 26.4 79.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 190.675 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078230.D
 Acq: 24 Jan 2024 18:26

Tgt Ion: 75 Resp: 30478
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

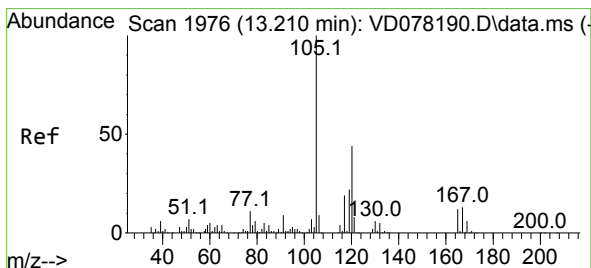
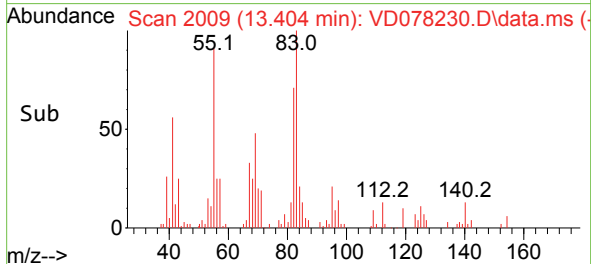
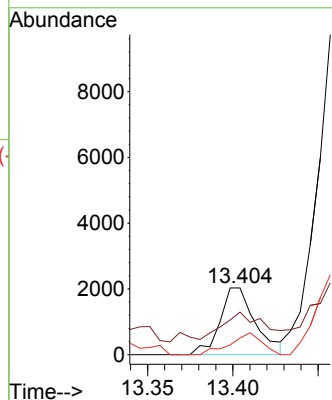
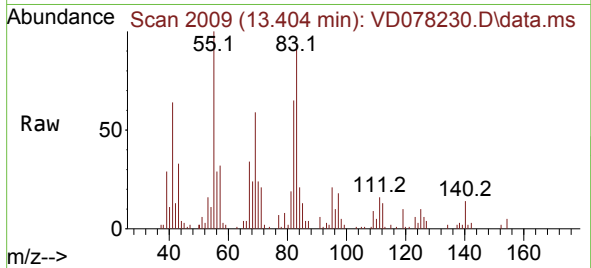




#83
tert-Butylbenzene
Concen: 1.505 ug/l
RT: 13.404 min Scan# 2009
Delta R.T. 0.235 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

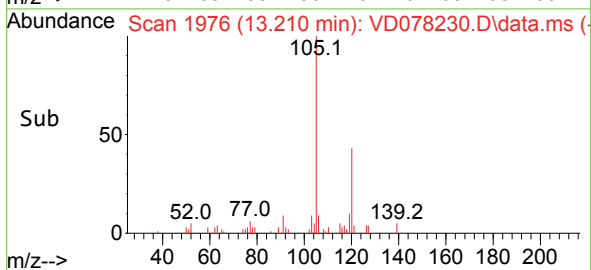
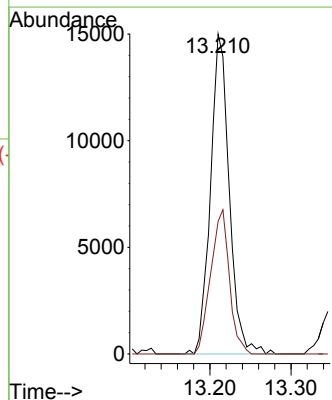
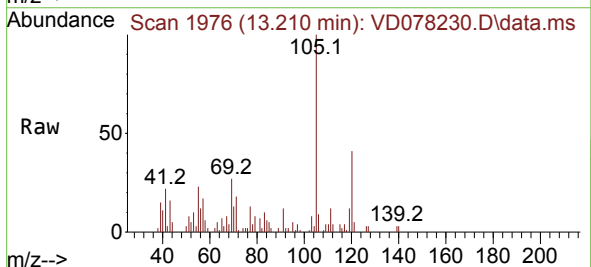
Instrument :
MSVOA_D
ClientSampleId :
137

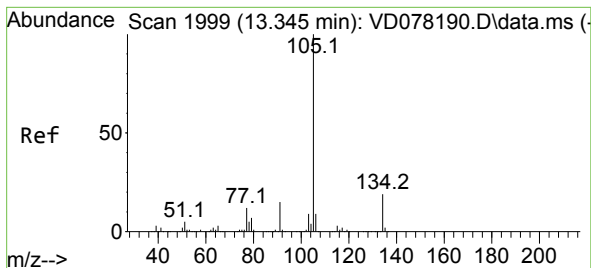
Tgt Ion:	119	Resp:	2944
Ion	Ratio	Lower	Upper
119	100		
91	44.9	29.3	87.8
134	29.1	14.1	42.3



#84
1,2,4-Trimethylbenzene
Concen: 10.164 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion:	105	Resp:	24058
Ion	Ratio	Lower	Upper
105	100		
120	44.9	24.3	72.9





#85

sec-Butylbenzene

Concen: 1.023 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

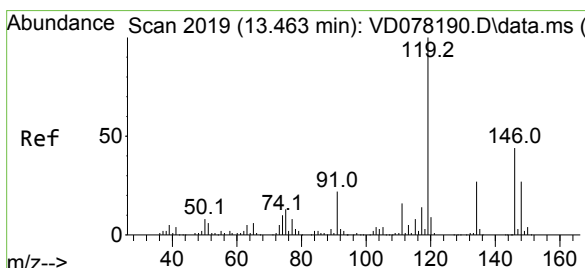
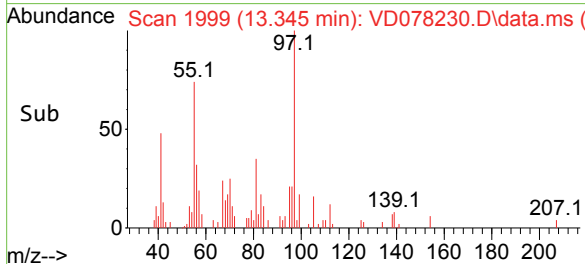
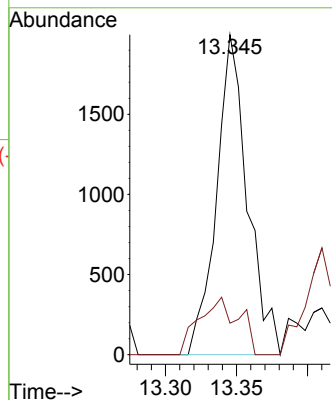
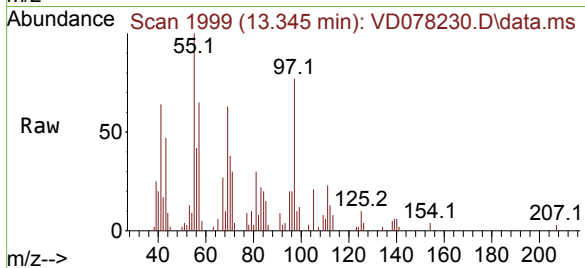
137

Tgt Ion:105 Resp: 3032

Ion Ratio Lower Upper

105 100

134 23.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 6.110 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

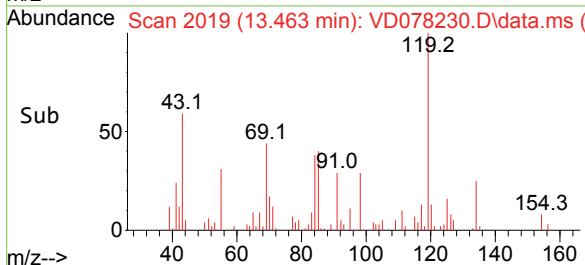
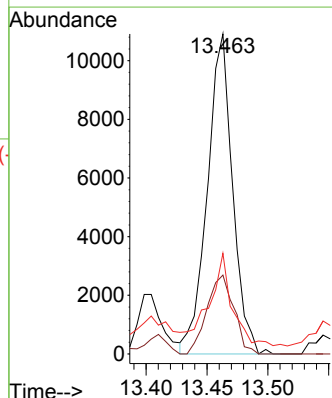
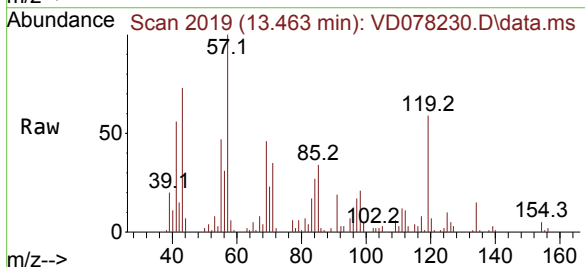
Tgt Ion:119 Resp: 15752

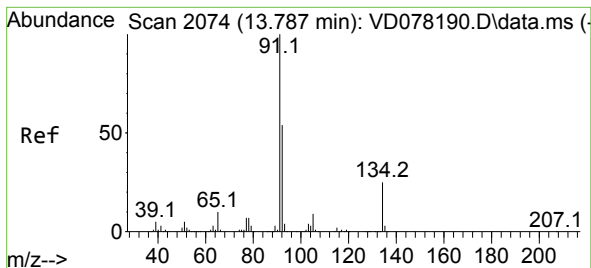
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 28.0 10.5 31.5





#89

n-Butylbenzene

Concen: 2.060 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

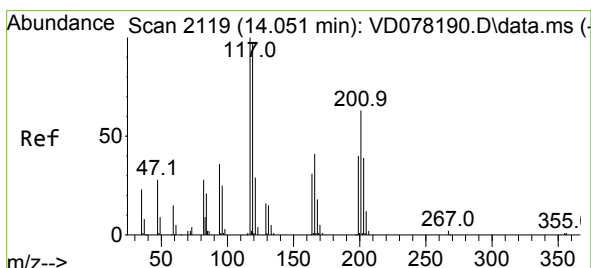
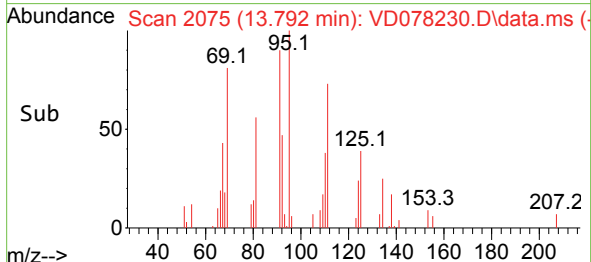
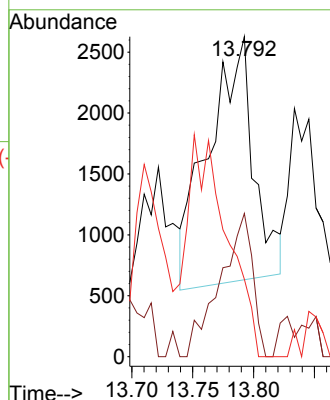
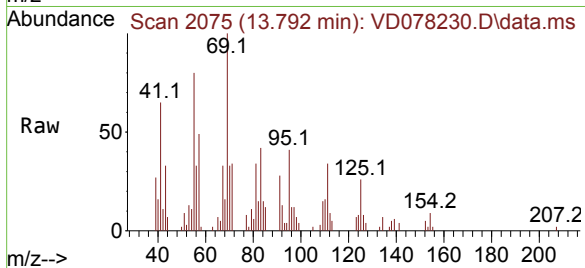
Instrument :

MSVOA_D

ClientSampleId :

137

Tgt Ion: 91	Resp:	5170
Ion Ratio	Lower	Upper
91	100	
92	42.2	26.5 79.5
134	0.0	13.8 41.3#



#90

Hexachloroethane

Concen: 1.847 ug/l

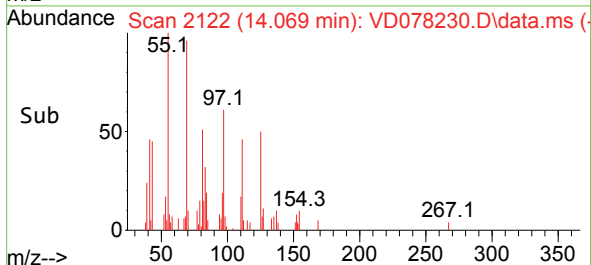
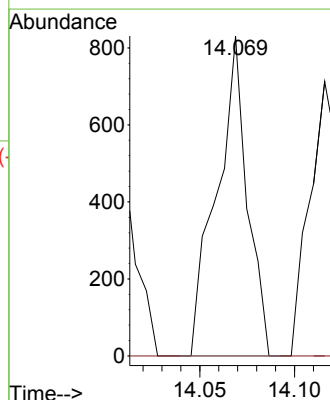
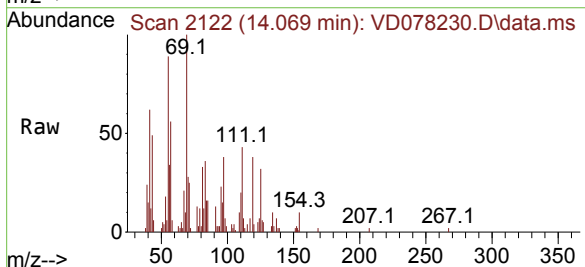
RT: 14.069 min Scan# 2122

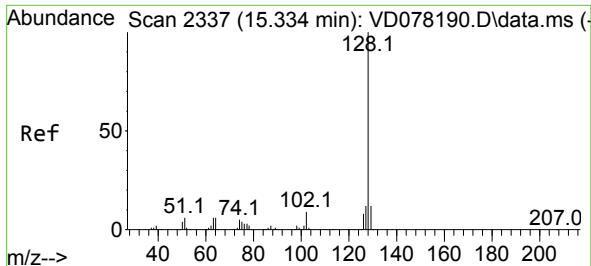
Delta R.T. 0.018 min

Lab File: VD078230.D

Acq: 24 Jan 2024 18:26

Tgt Ion: 117	Resp:	934
Ion Ratio	Lower	Upper
117	100	
201	0.0	38.5 115.5#

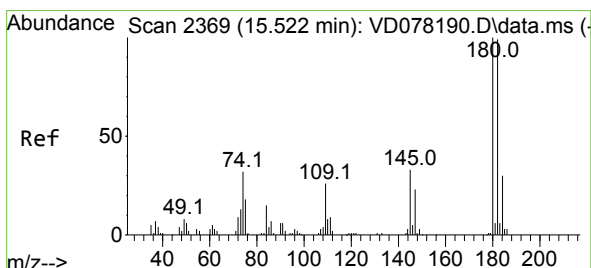
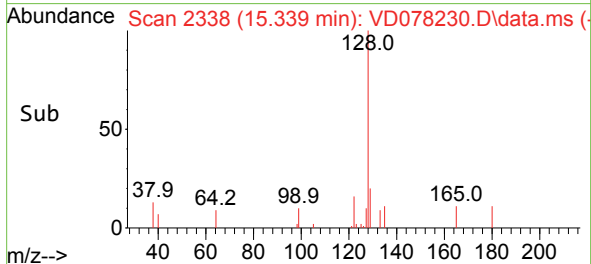
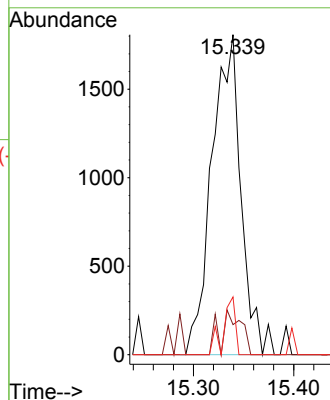
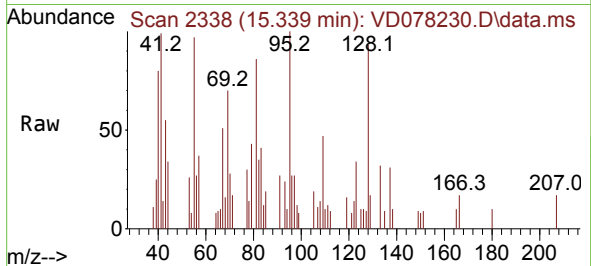




#95
Naphthalene
Concen: 2.939 ug/l
RT: 15.339 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Instrument :
MSVOA_D
ClientSampleId :
137

Tgt Ion:128 Resp: 3660
Ion Ratio Lower Upper
128 100
127 9.4 10.5 15.7#
129 18.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.763 ug/l
RT: 15.534 min Scan# 2371
Delta R.T. 0.012 min
Lab File: VD078230.D
Acq: 24 Jan 2024 18:26

Tgt Ion:180 Resp: 985
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 43.1 15.1 45.3

