

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077006.D
 Acq On : 14 Aug 2023 17:35
 Operator : JC/SY
 Sample : 03973-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Aug 15 04:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7930	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3926	76.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.420%
35) Dibromofluoromethane	7.816	113	4250	63.451	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.900%
50) Toluene-d8	10.269	98	16073	74.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	149.420%#
62) 4-Bromofluorobenzene	12.569	95	6462	85.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	171.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.158	85	53	Below Cal	#	43
3) Chloromethane	2.146	50	229	4.134	ug/l #	41
5) Bromomethane	2.699	94	263	3.563	ug/l #	65
6) Chloroethane	2.899	64	91	1.357	ug/l #	43
18) Methyl Acetate	4.440	43	68	1.414	ug/l #	42
20) Methylene Chloride	4.799	84	454	Below Cal	#	63
21) trans-1,2-Dichloroethene	5.458	96	65	1.139	ug/l #	4
27) cis-1,2-Dichloroethene	6.899	96	115	1.468	ug/l #	1
29) Tetrahydrofuran	7.534	42	57	5.924	ug/l #	23
32) 1,1,1-Trichloroethane	7.905	97	137	1.277	ug/l #	24
36) 1,1-Dichloropropene	7.869	75	465	5.614	ug/l #	39
38) Carbon Tetrachloride	7.875	117	708	7.986	ug/l #	11
39) Methylcyclohexane	9.281	83	445	5.071	ug/l #	32
41) Methacrylonitrile	7.428	41	86	4.170	ug/l #	1
46) Dibromomethane	9.387	93	325	7.578	ug/l #	26
47) Bromodichloromethane	9.593	83	508	4.618	ug/l #	25
48) Methyl methacrylate	9.369	41	320	10.132	ug/l #	1
51) 4-Methyl-2-Pentanone	10.169	43	360	9.081	ug/l #	28
52) Toluene	10.240	92	194	1.109	ug/l	87
55) 1,1,2-Trichloroethane	10.722	97	246	3.865	ug/l #	44
56) Ethyl methacrylate	10.622	69	885	13.416	ug/l #	30
59) 2-Hexanone	10.916	43	361	13.377	ug/l #	16
60) Dibromochloromethane	10.951	129	160	2.084	ug/l	71
61) 1,2-Dibromoethane	11.404	107	1337	23.622	ug/l	94
64) Tetrachloroethene	10.769	164	148	1.662	ug/l #	36
66) 1,1,1,2-Tetrachloroethane	11.669	131	390	3.157	ug/l #	1
67) Ethyl Benzene	11.675	91	823	1.558	ug/l #	42
68) m/p-Xylenes	11.769	106	457	2.228	ug/l #	42
69) o-Xylene	12.175	106	717	3.645	ug/l	99
70) Styrene	12.157	104	490	1.397	ug/l #	59
71) Bromoform	12.293	173	124	1.811	ug/l #	28
73) Isopropylbenzene	12.387	105	706	1.415	ug/l	81
74) N-amyl acetate	12.234	43	958	9.636	ug/l #	33
75) 1,1,2,2-Tetrachloroethane	12.693	83	1246	11.332	ug/l #	62
76) 1,2,3-Trichloropropane	12.734	75	164	2.205	ug/l #	100
77) Bromobenzene	12.698	156	1904	15.680	ug/l #	9

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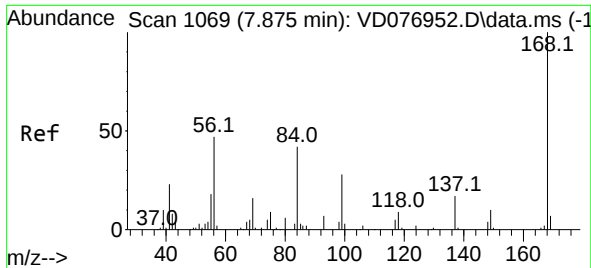
Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Aug 15 04:49:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

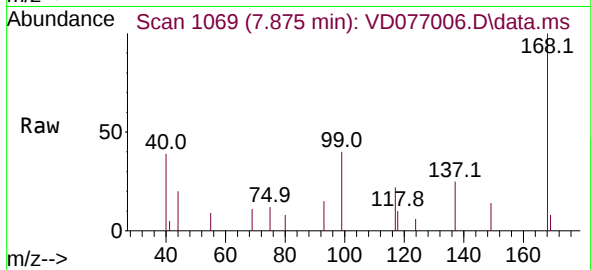
79) 2-Chlorotoluene	12.816	91	782	2.343	ug/l	85
80) 1,3,5-Trimethylbenzene	12.845	105	856	2.113	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.469	75	123	3.885	ug/l #	1
82) 4-Chlorotoluene	13.010	91	364	1.042	ug/l	80
84) 1,2,4-Trimethylbenzene	13.228	105	471	1.141	ug/l	82
85) sec-Butylbenzene	13.522	105	1687	3.007	ug/l	90
86) p-Isopropyltoluene	13.463	119	1042	2.248	ug/l #	50
87) 1,3-Dichlorobenzene	13.457	146	306	1.215	ug/l #	1
89) n-Butylbenzene	13.798	91	643	1.457	ug/l #	10
90) Hexachloroethane	14.163	117	313	3.342	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	641	2.862	ug/l #	76
92) 1,2-Dibromo-3-Chloropr...	14.445	75	110	7.358	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.116	180	276	1.993	ug/l #	11
95) Naphthalene	15.339	128	576	2.045	ug/l #	16
96) 1,2,3-Trichlorobenzene	15.528	180	159	1.288	ug/l #	1

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

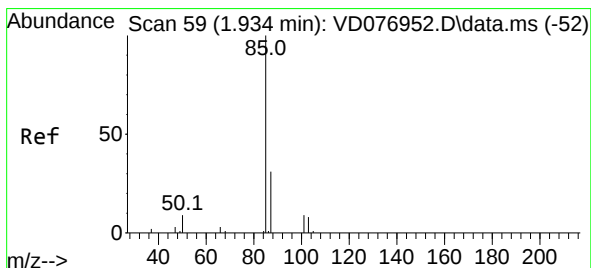
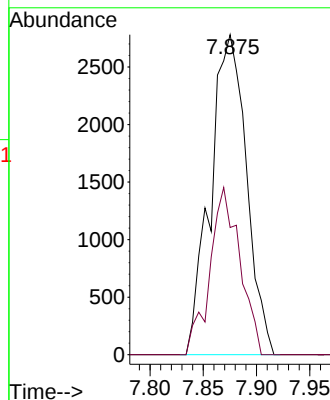
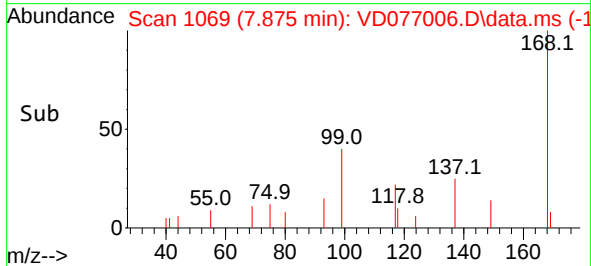


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077006.D
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MSVOA_D
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SB-01-14.5-15.0

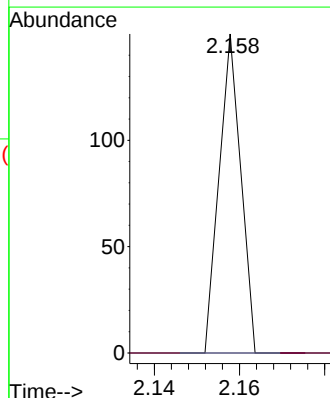
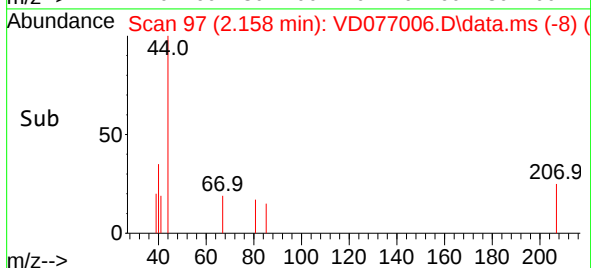
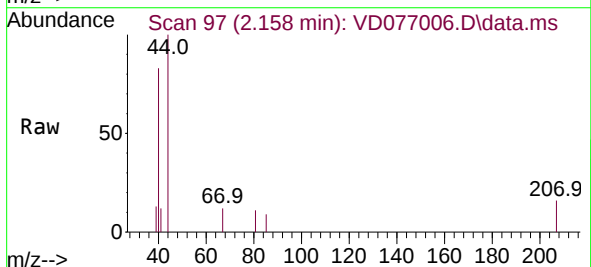


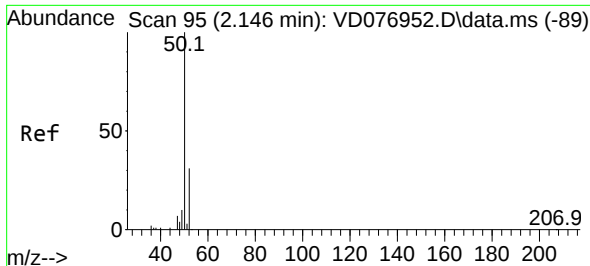
Tgt Ion:168 Resp: 6530
Ion Ratio Lower Upper
168 100
99 39.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.224 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

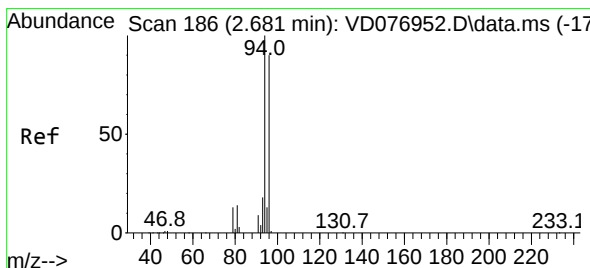
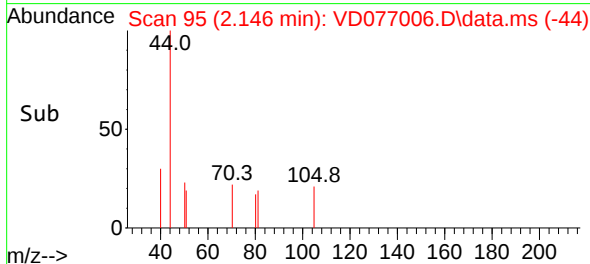
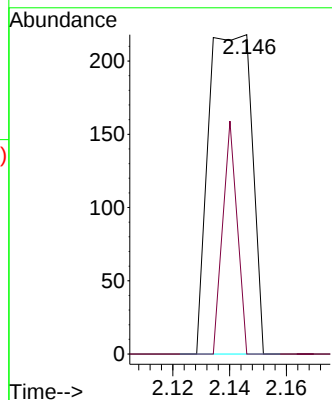
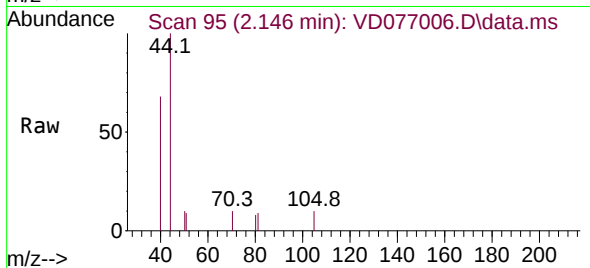




#3
Chloromethane
Concen: 4.134 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

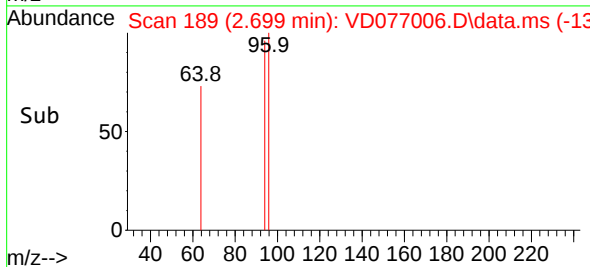
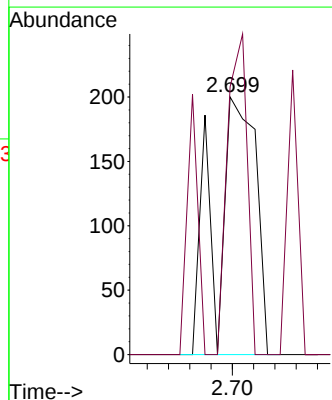
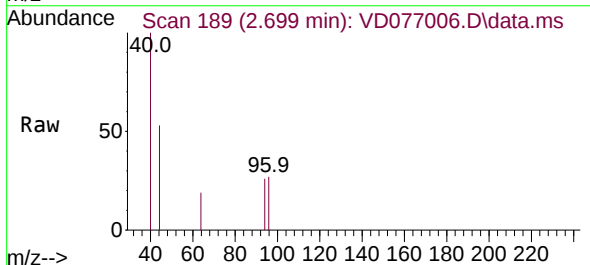
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

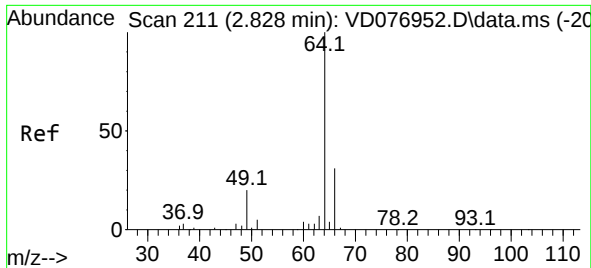
Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#5
Bromomethane
Concen: 3.563 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.018 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 61.2 75.8 113.8#

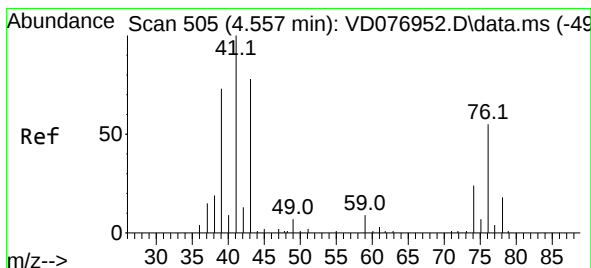
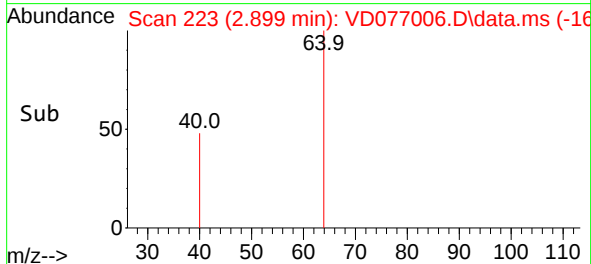
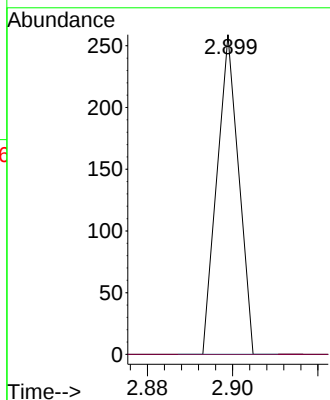
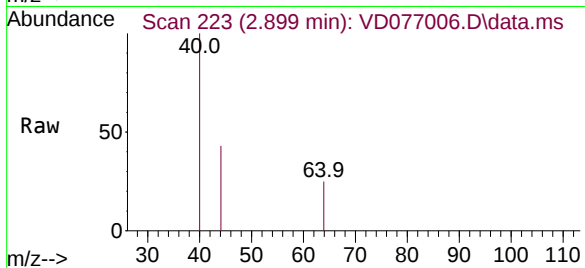




#6
Chloroethane
Concen: 1.357 ug/l
RT: 2.899 min Scan# 211
Delta R.T. 0.071 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

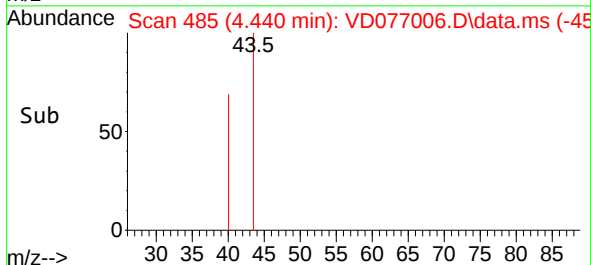
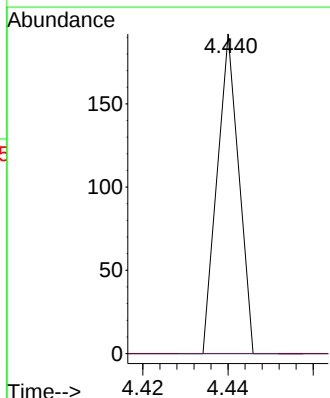
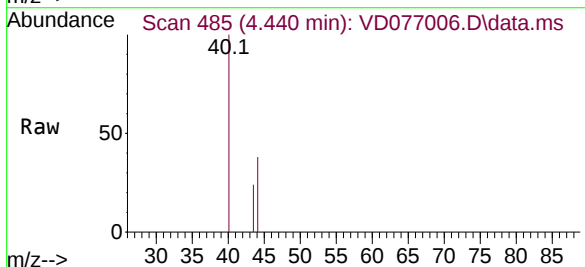
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

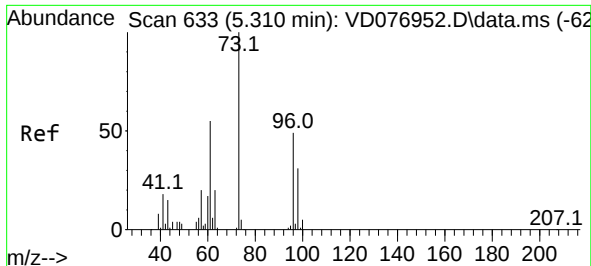
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: 1.414 ug/l
RT: 4.440 min Scan# 485
Delta R.T. -0.117 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

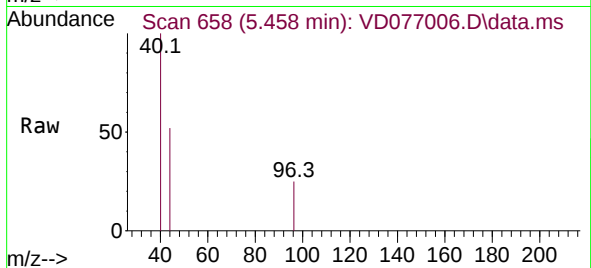
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



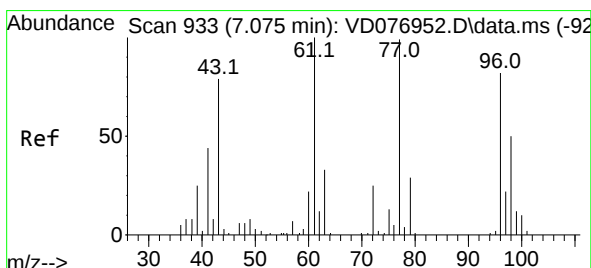
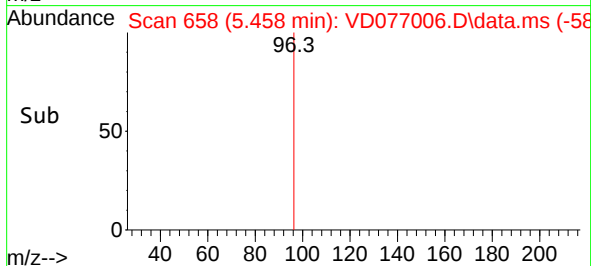
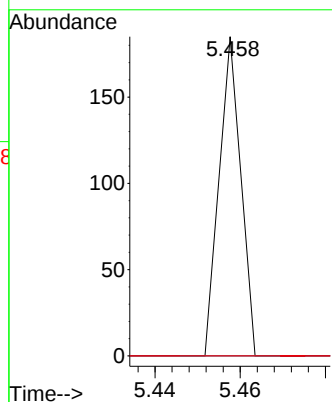


#21
trans-1,2-Dichloroethene
Concen: 1.139 ug/l
RT: 5.458 min Scan# 61
Delta R.T. 0.148 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

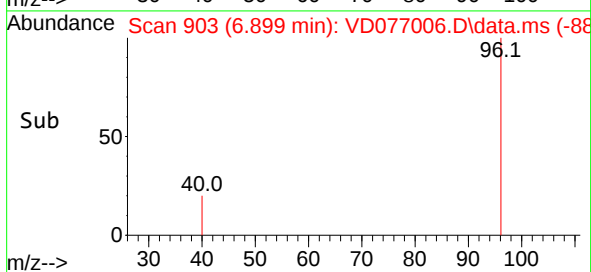
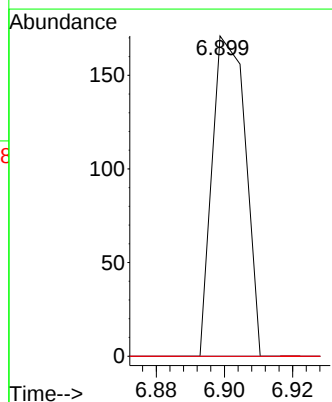
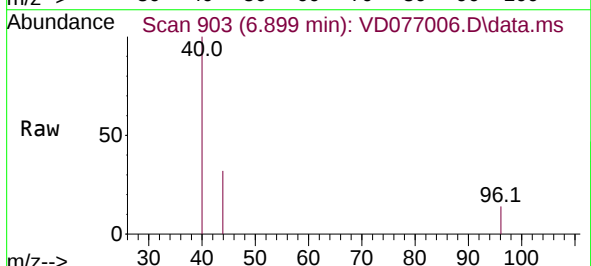


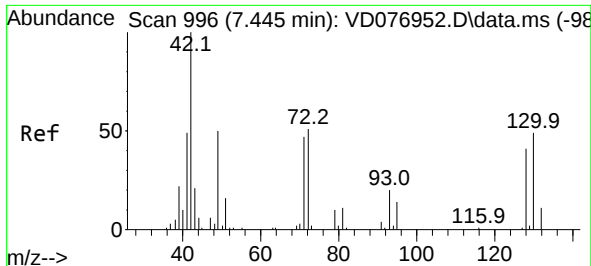
Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 0.0 89.3 133.9#
98 0.0 48.6 73.0#



#27
cis-1,2-Dichloroethene
Concen: 1.468 ug/l
RT: 6.899 min Scan# 903
Delta R.T. -0.176 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 96 Resp: 115
Ion Ratio Lower Upper
96 100
61 0.0 0.0 239.2
98 0.0 0.0 128.6





#29

Tetrahydrofuran

Concen: 5.924 ug/l

RT: 7.534 min Scan# 1011

Delta R.T. 0.089 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

SB-01-14.5-15.0

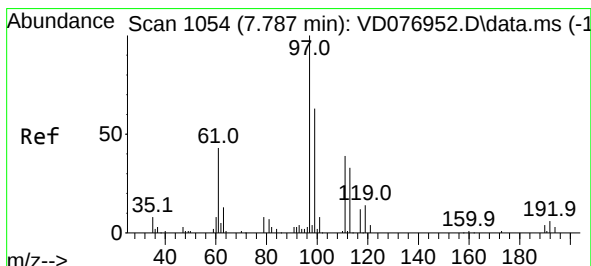
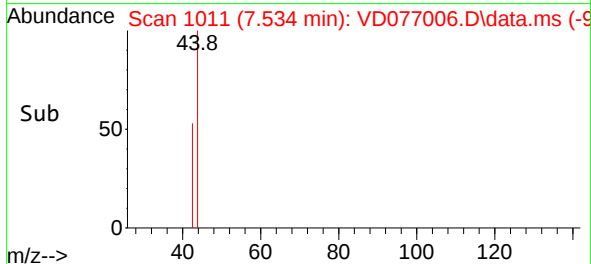
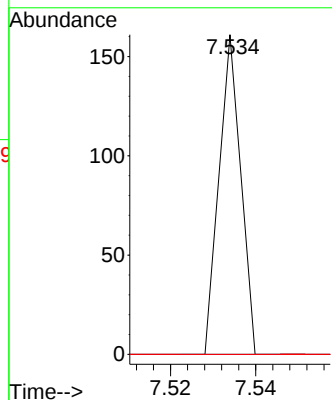
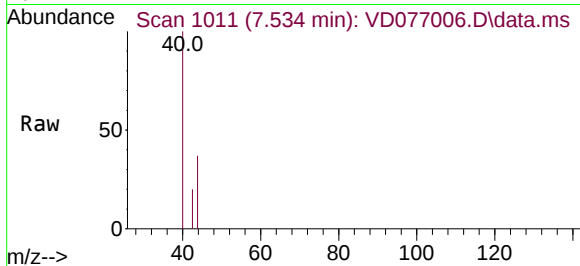
Tgt Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#32

1,1,1-Trichloroethane

Concen: 1.277 ug/l

RT: 7.905 min Scan# 1074

Delta R.T. 0.118 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

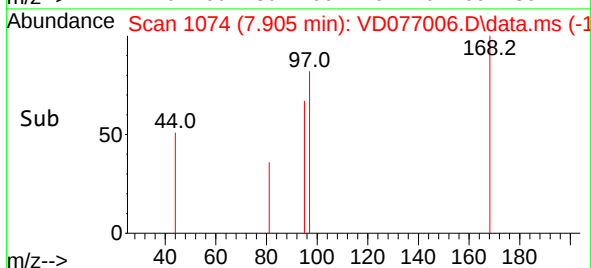
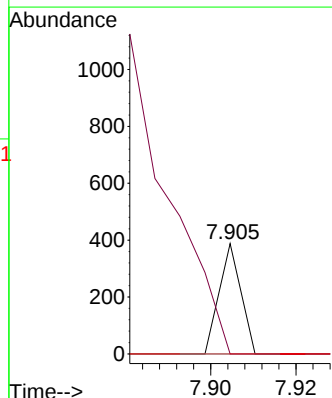
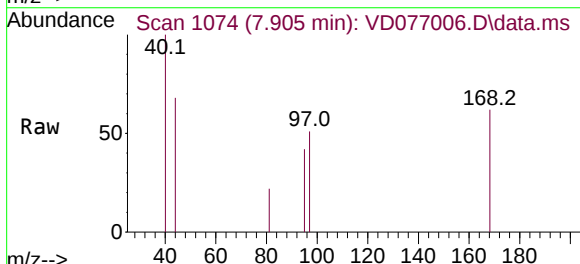
Tgt Ion: 97 Resp: 137

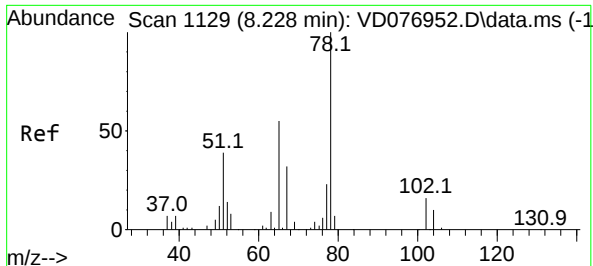
Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 0.0 33.8 50.8#





#33

1,2-Dichloroethane-d4

Concen: 76.215 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

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ClientSampleId :

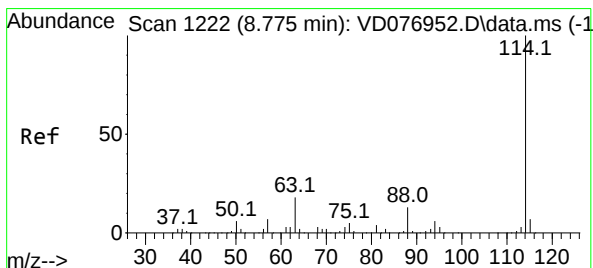
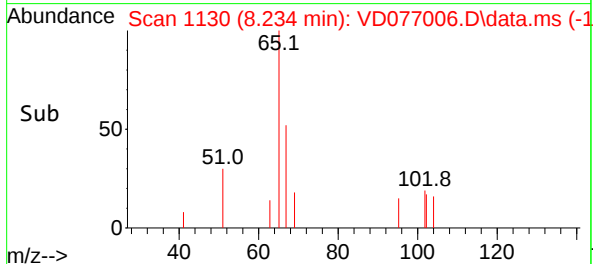
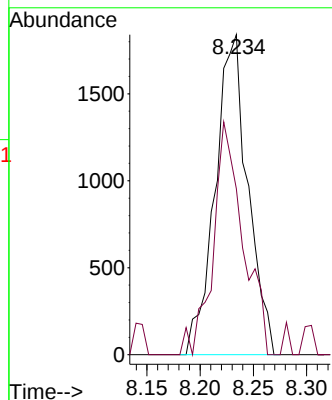
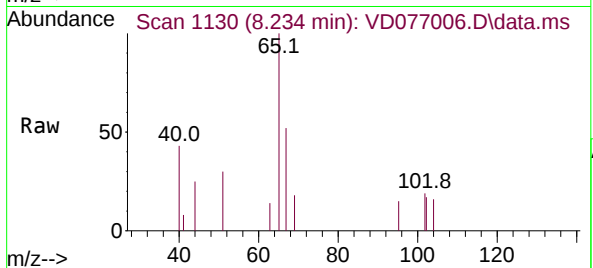
SB-01-14.5-15.0

Tgt Ion: 65 Resp: 3926

Ion Ratio Lower Upper

65 100

67 66.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

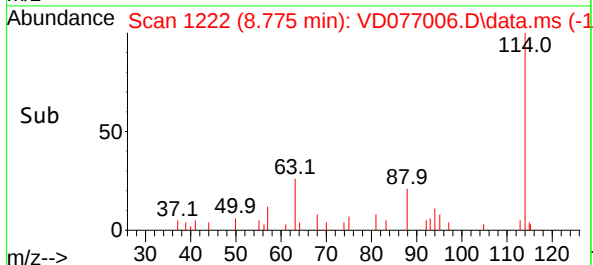
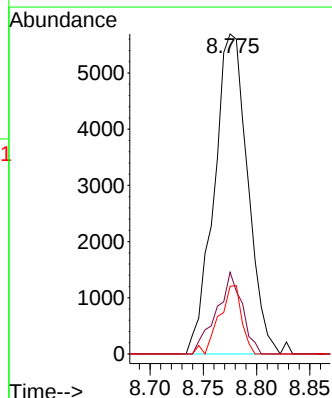
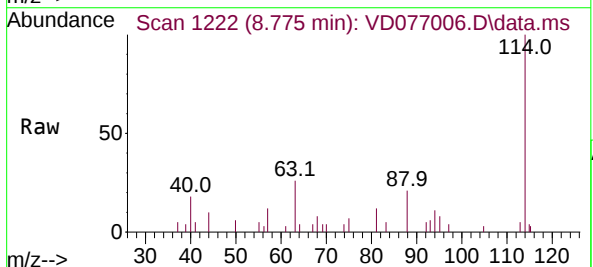
Tgt Ion: 114 Resp: 12459

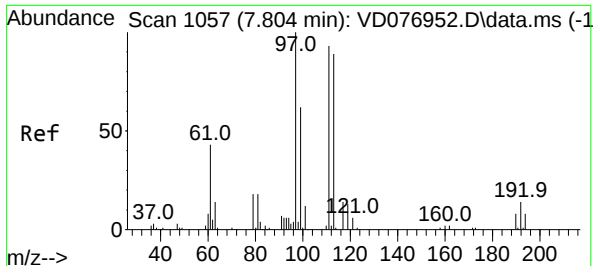
Ion Ratio Lower Upper

114 100

63 25.5 0.0 33.4

88 21.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 63.451 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

SB-01-14.5-15.0

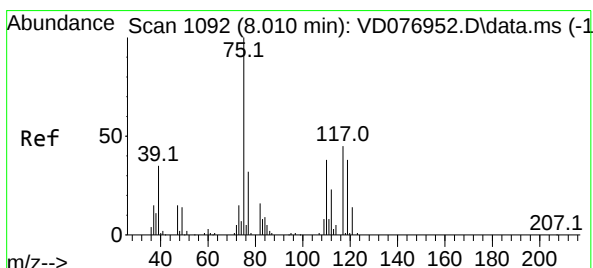
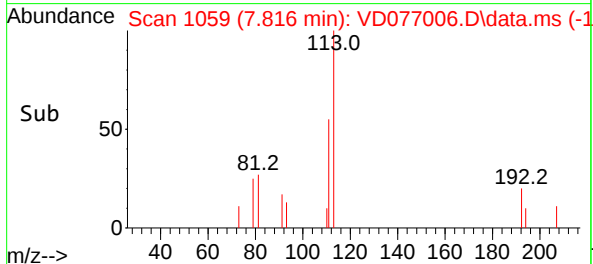
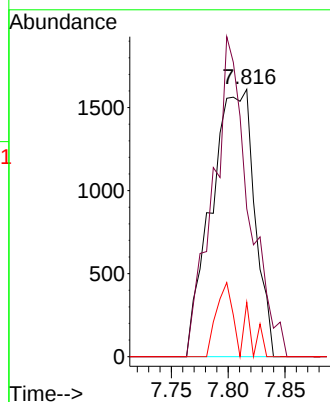
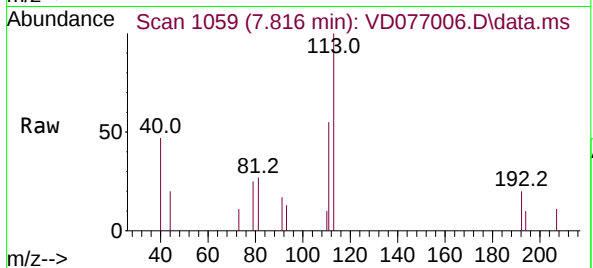
Tgt Ion:113 Resp: 4250

Ion Ratio Lower Upper

113 100

111 0.0 84.7 127.1#

192 4.4 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 5.614 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

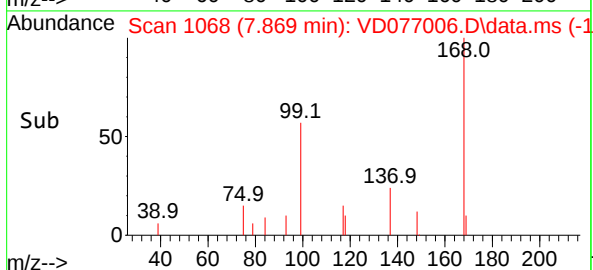
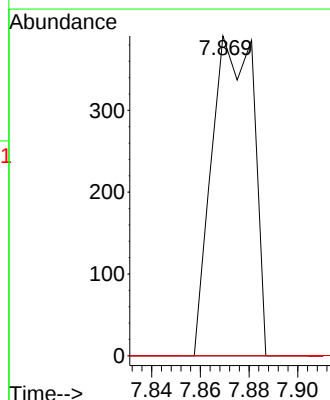
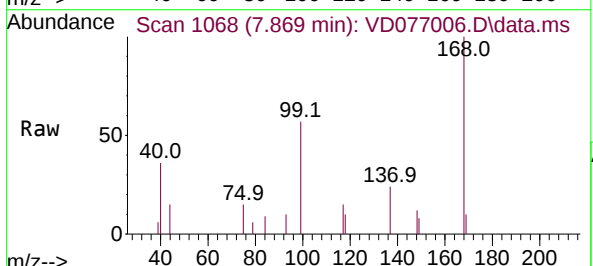
Tgt Ion: 75 Resp: 465

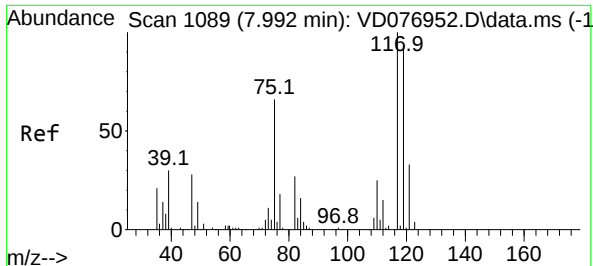
Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#

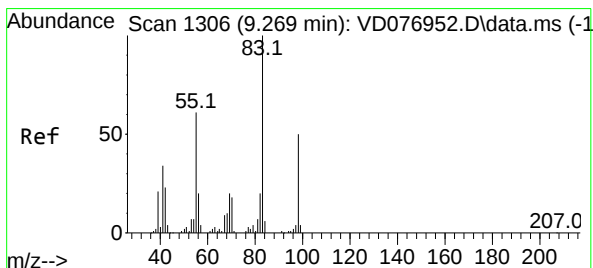
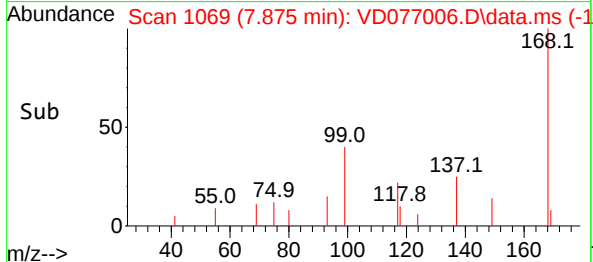
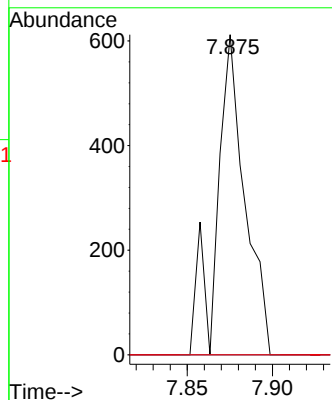
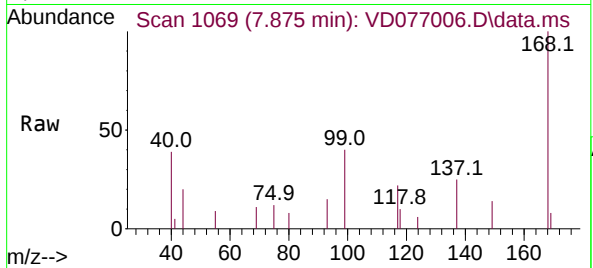




#38
Carbon Tetrachloride
Concen: 7.986 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

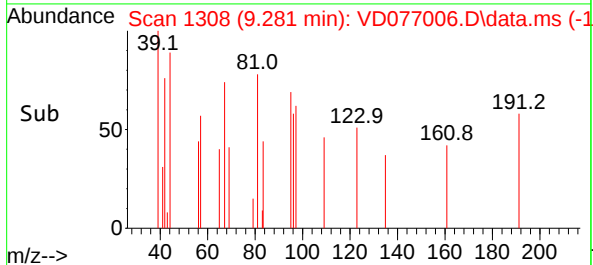
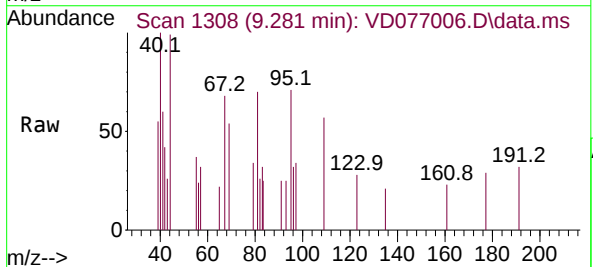
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

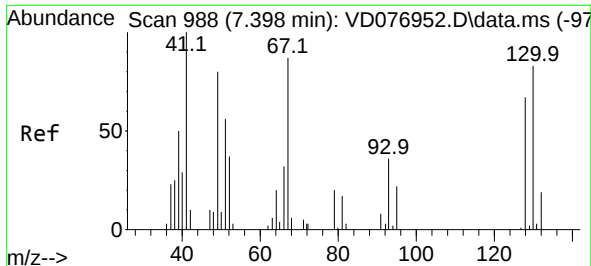
Tgt Ion:117 Resp: 708
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 5.071 ug/l
RT: 9.281 min Scan# 1308
Delta R.T. 0.012 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 83 Resp: 445
Ion Ratio Lower Upper
83 100
55 11.1 49.4 74.0#
98 0.0 38.4 57.6#

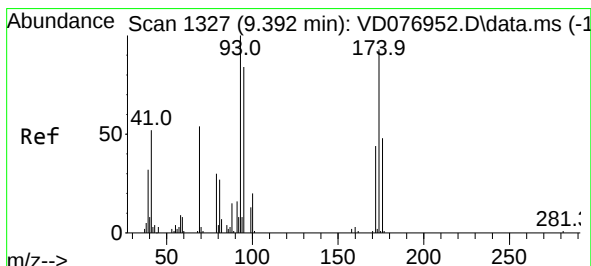
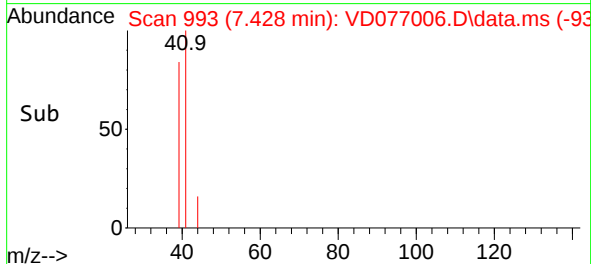
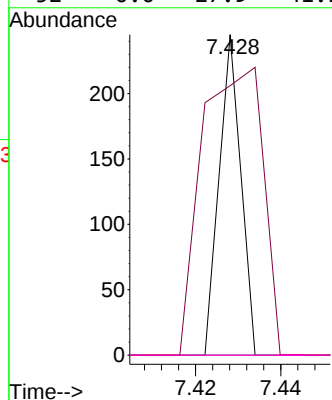
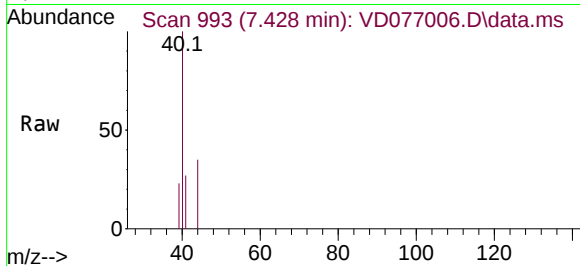




#41
Methacrylonitrile
Concen: 4.170 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.030 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

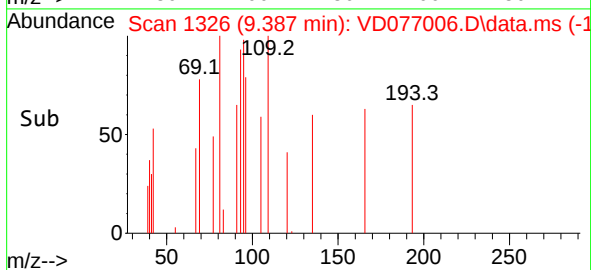
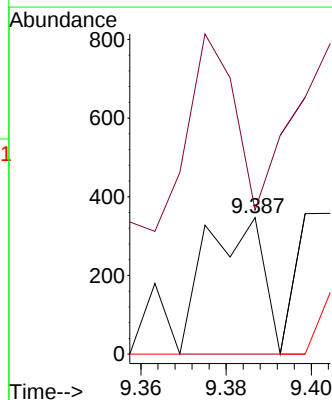
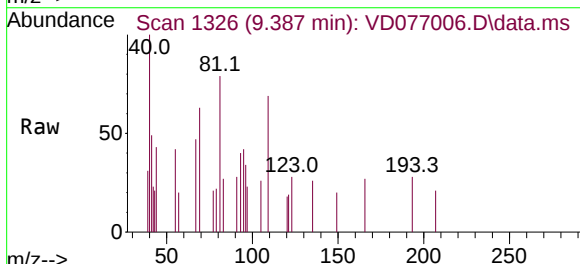
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

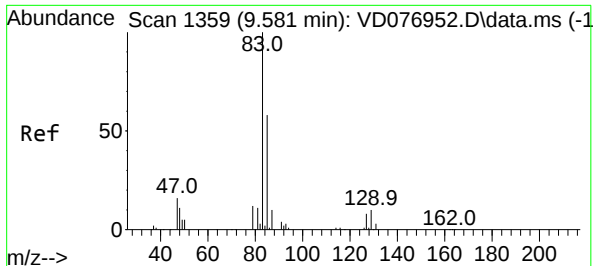
Tgt Ion:	41	Resp:	86
Ion	Ratio	Lower	Upper
41	100		
39	254.7	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#46
Dibromomethane
Concen: 7.578 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.005 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:	93	Resp:	325
Ion	Ratio	Lower	Upper
93	100		
95	119.1	67.7	101.5#
174	0.0	85.4	128.2#

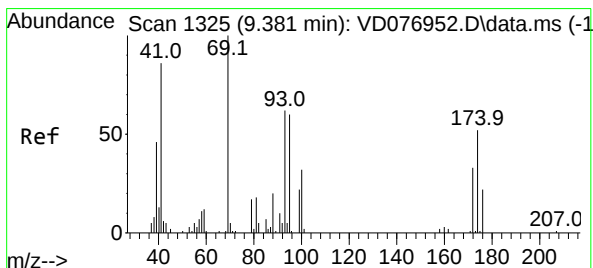
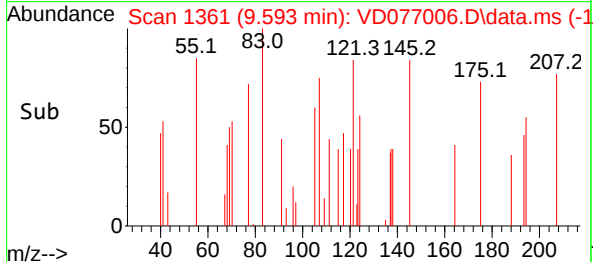
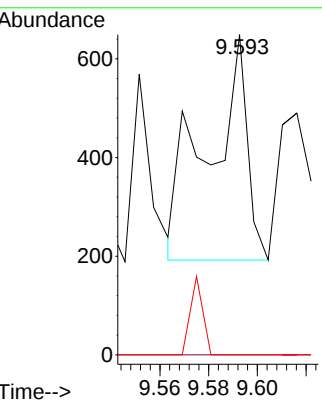
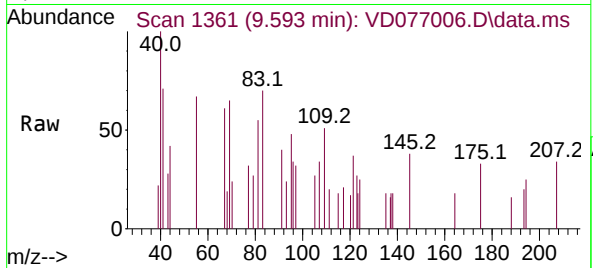




#47
Bromodichloromethane
Concen: 4.618 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.012 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

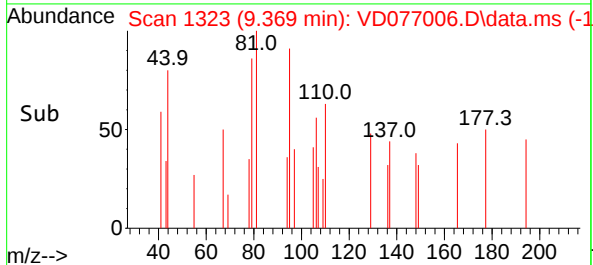
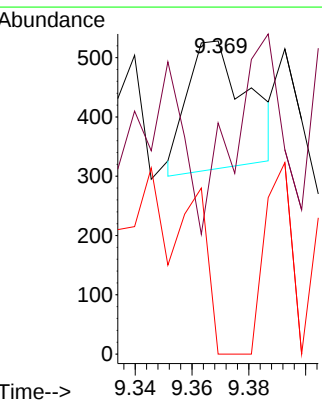
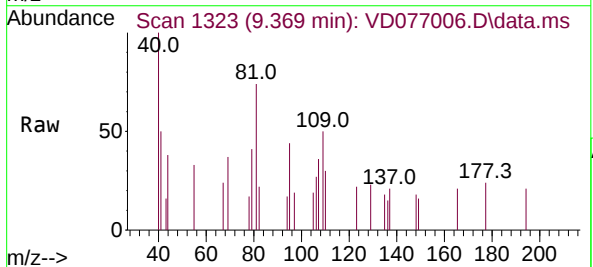
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

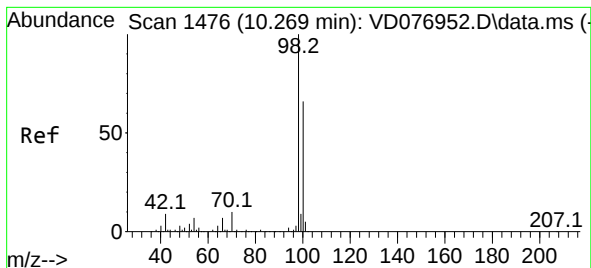
Tgt Ion: 83 Resp: 508
Ion Ratio Lower Upper
83 100
85 0.0 50.2 75.4#
127 0.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 10.132 ug/l
RT: 9.369 min Scan# 1323
Delta R.T. -0.012 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 41 Resp: 320
Ion Ratio Lower Upper
41 100
69 0.0 102.2 153.2#
39 0.0 41.4 62.2#

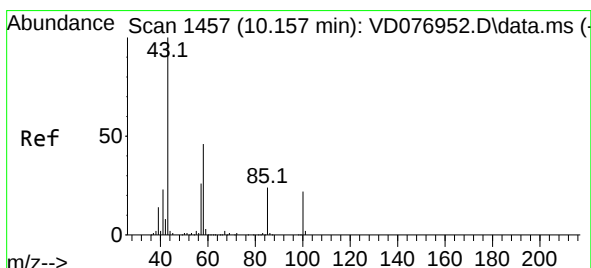
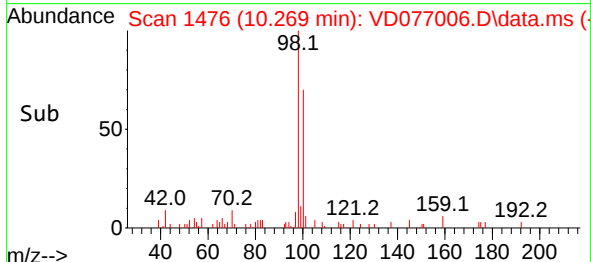
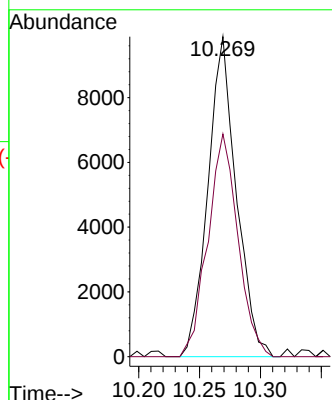
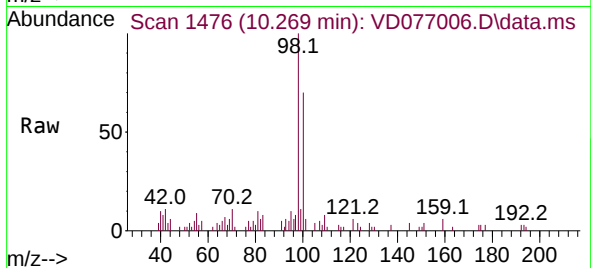




#50
Toluene-d8
Concen: 74.711 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

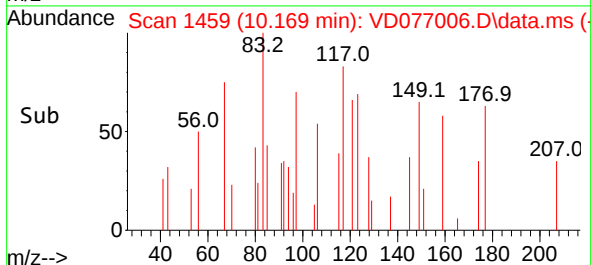
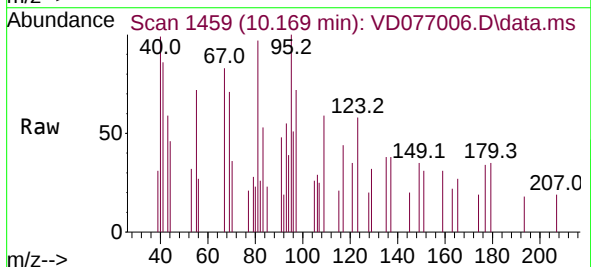
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

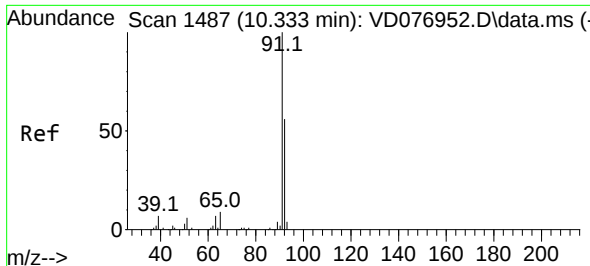
Tgt Ion: 98 Resp: 16073
Ion Ratio Lower Upper
98 100
100 73.8 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 9.081 ug/l
RT: 10.169 min Scan# 1459
Delta R.T. 0.012 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#

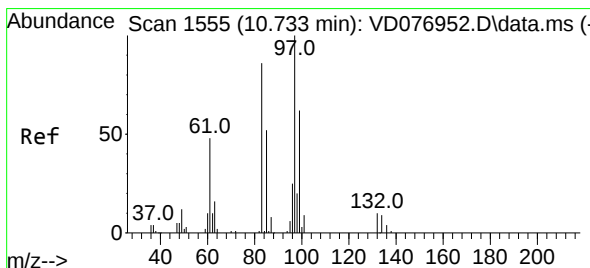
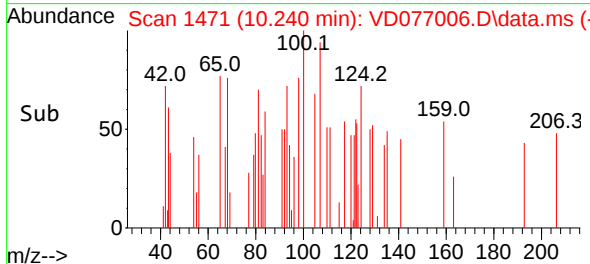
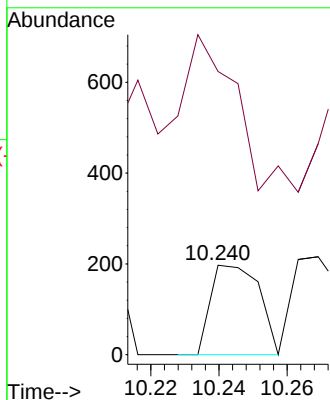
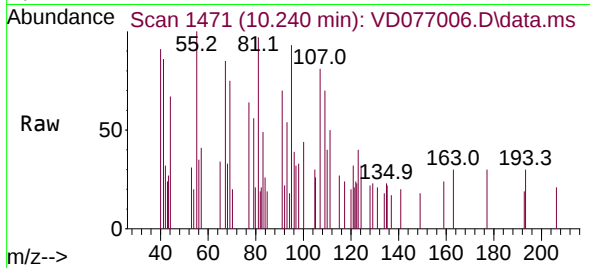




#52
Toluene
Concen: 1.109 ug/l
RT: 10.240 min Scan# 1487
Delta R.T. -0.093 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

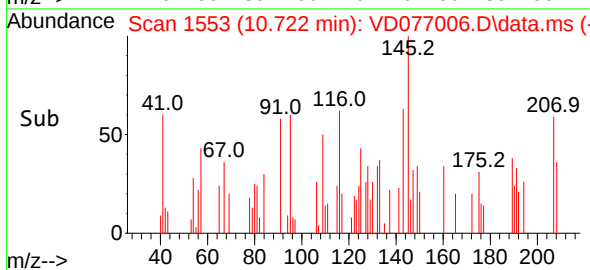
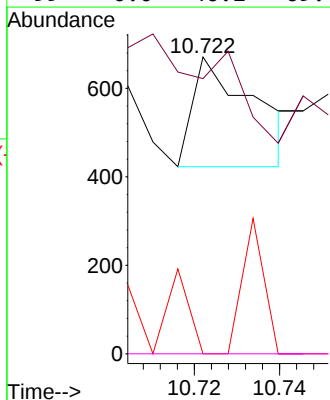
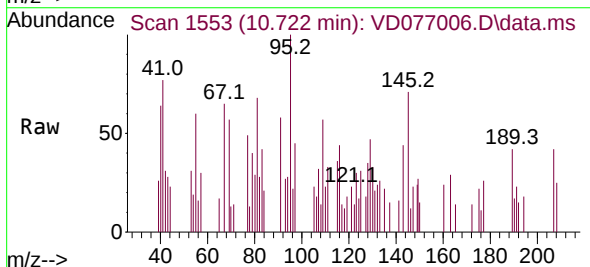
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

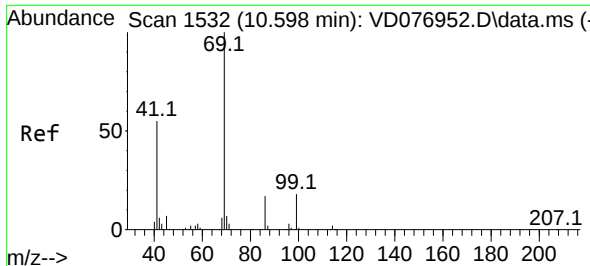
Tgt Ion: 92 Resp: 194
Ion Ratio Lower Upper
92 100
91 196.4 143.0 214.4



#55
1,1,2-Trichloroethane
Concen: 3.865 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. -0.011 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 97 Resp: 246
Ion Ratio Lower Upper
97 100
83 58.9 65.8 98.6#
85 0.0 45.7 68.5#
99 0.0 46.2 69.4#

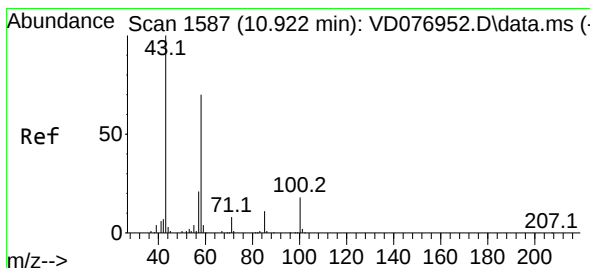
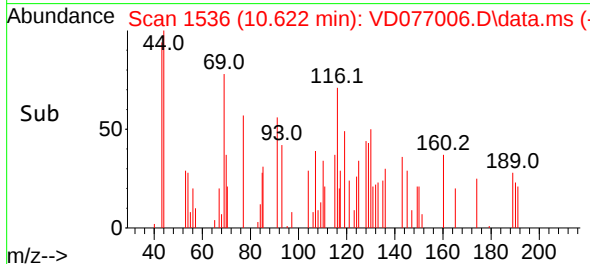
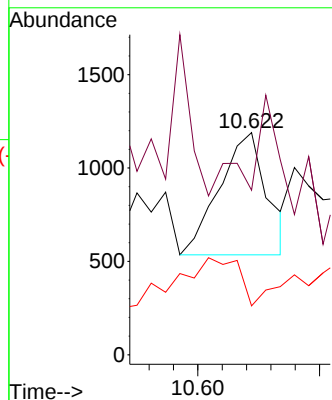
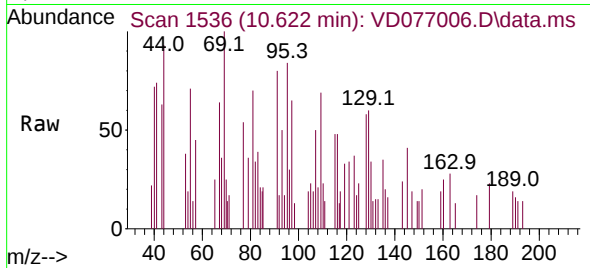




#56
Ethyl methacrylate
Concen: 13.416 ug/l
RT: 10.622 min Scan# 1536
Delta R.T. 0.024 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

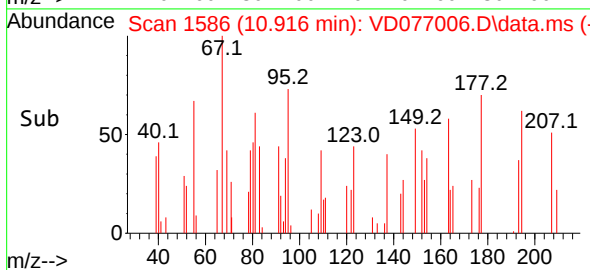
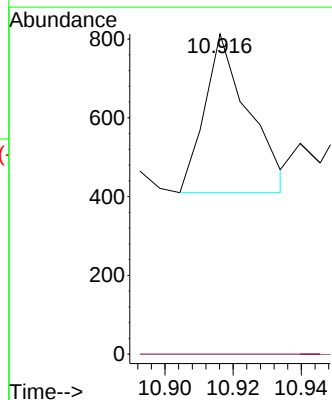
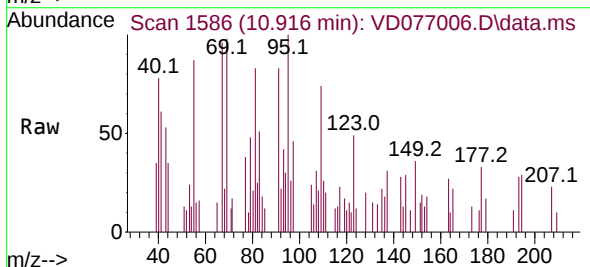
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

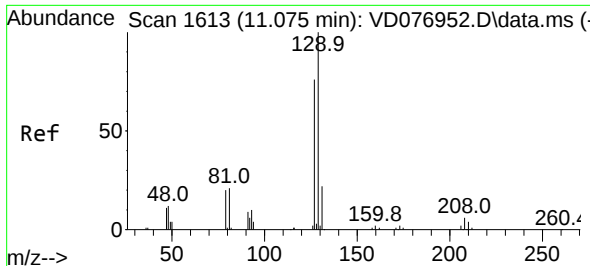
Tgt Ion: 69 Resp: 885
Ion Ratio Lower Upper
69 100
41 103.7 39.1 58.7#
39 0.0 20.0 30.0#



#59
2-Hexanone
Concen: 13.377 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#

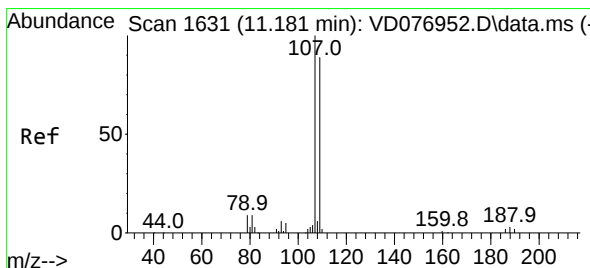
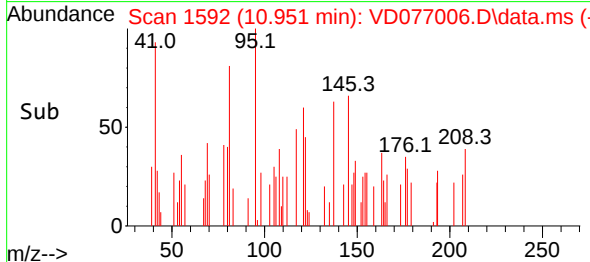
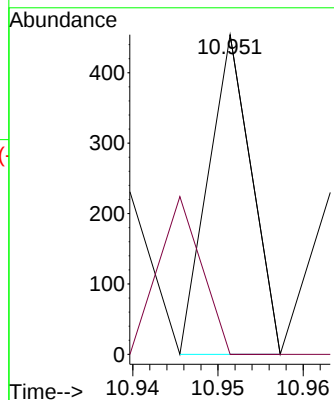
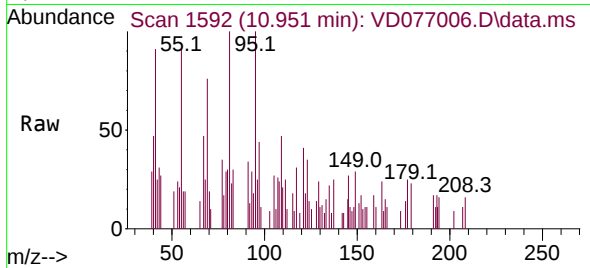




#60
Dibromochloromethane
Concen: 2.084 ug/l
RT: 10.951 min Scan# 11
Delta R.T. -0.124 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

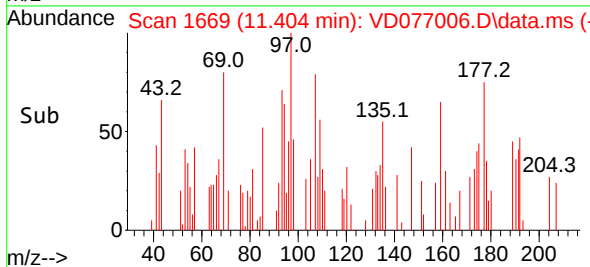
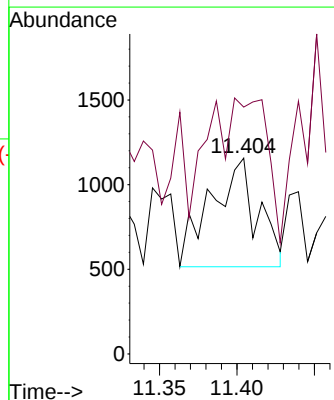
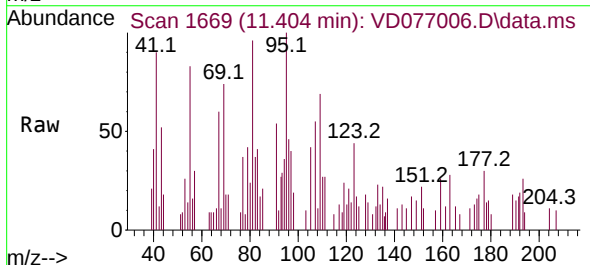
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

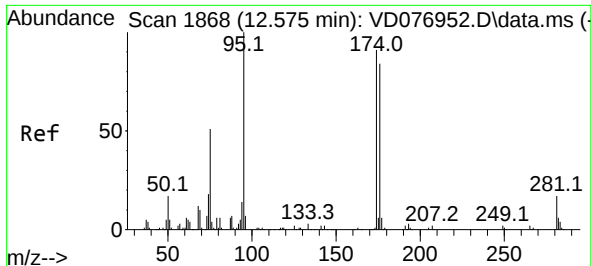
Tgt Ion:129 Resp: 160
Ion Ratio Lower Upper
129 100
127 49.4 37.1 111.5



#61
1,2-Dibromoethane
Concen: 23.622 ug/l
RT: 11.404 min Scan# 1669
Delta R.T. 0.223 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:107 Resp: 1337
Ion Ratio Lower Upper
107 100
109 100.6 75.6 113.4

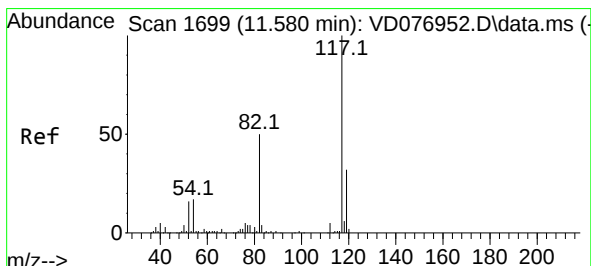
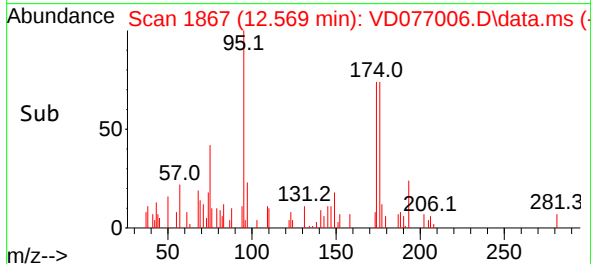
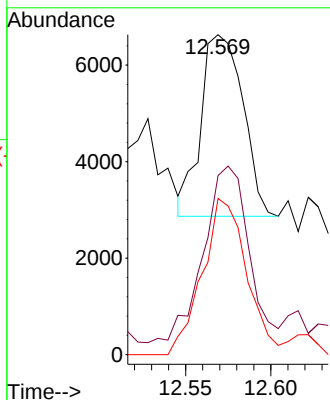
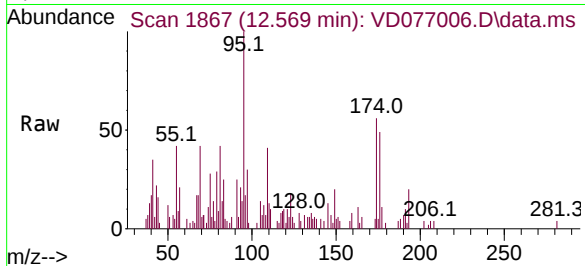




#62
4-Bromofluorobenzene
Concen: 85.921 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

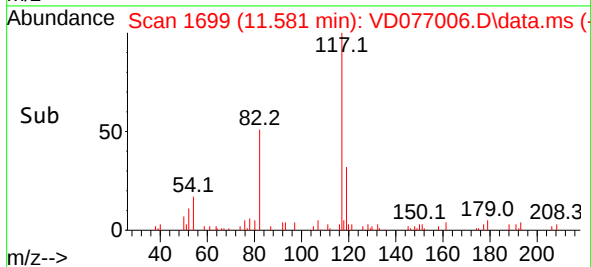
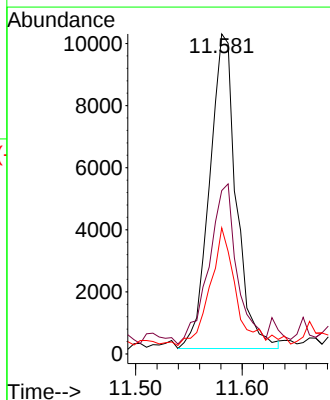
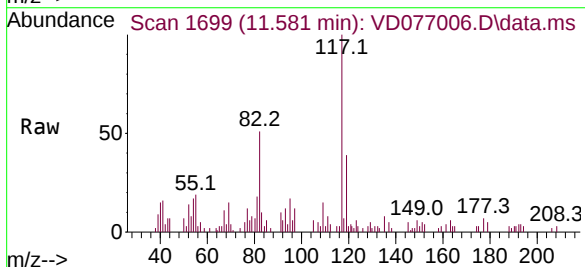
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

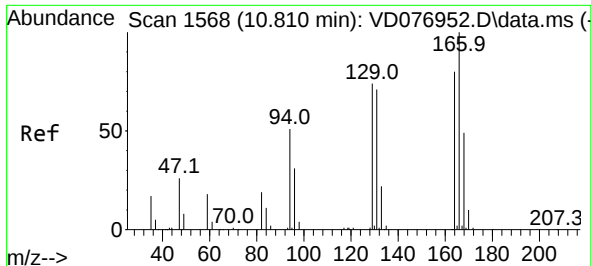
Tgt Ion: 95 Resp: 6462
Ion Ratio Lower Upper
95 100
174 111.4 0.0 201.8
176 90.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

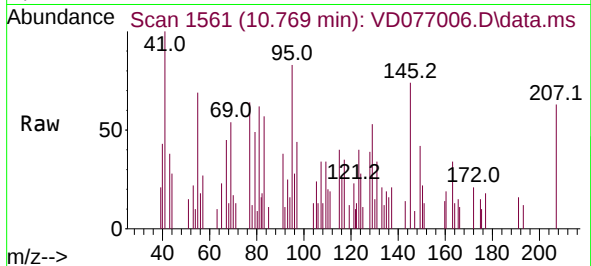
Tgt Ion: 117 Resp: 17695
Ion Ratio Lower Upper
117 100
82 48.8 38.3 57.5
119 37.4 25.0 37.4





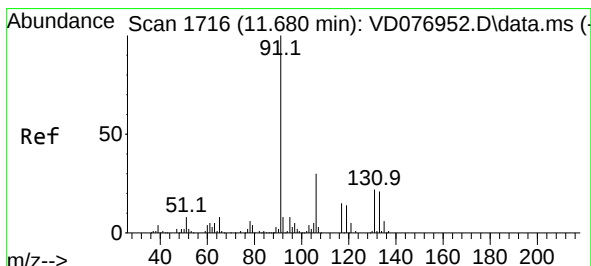
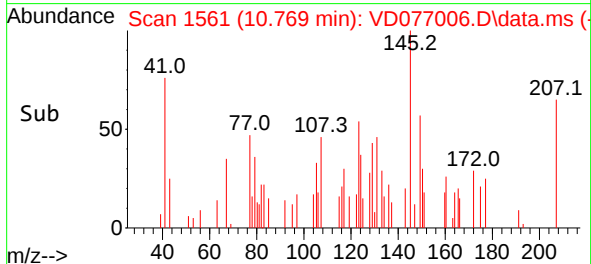
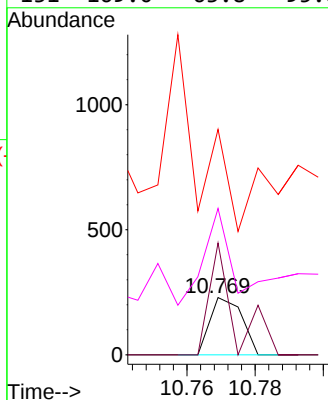
#64
Tetrachloroethene
Concen: 1.662 ug/l
RT: 10.769 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0



Tgt Ion:164 Resp: 148

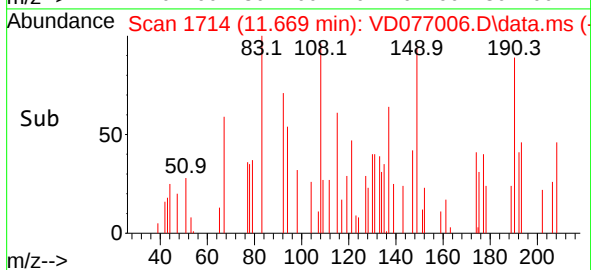
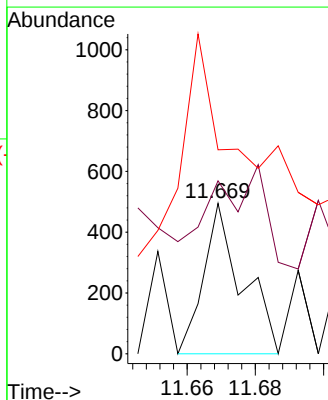
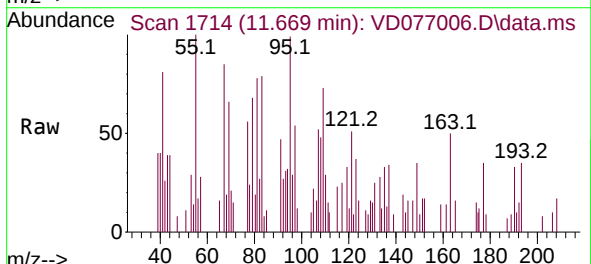
Ion	Ratio	Lower	Upper
164	100		
166	195.2	99.2	148.8#
129	113.5	68.4	102.6#
131	169.0	63.8	95.8#

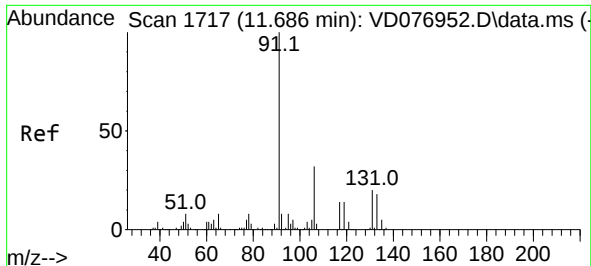


#66
1,1,1,2-Tetrachloroethane
Concen: 3.157 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. -0.011 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:131 Resp: 390

Ion	Ratio	Lower	Upper
131	100		
133	118.7	48.5	145.5
119	251.8	35.6	106.9#





#67

Ethyl Benzene

Concen: 1.558 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.011 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

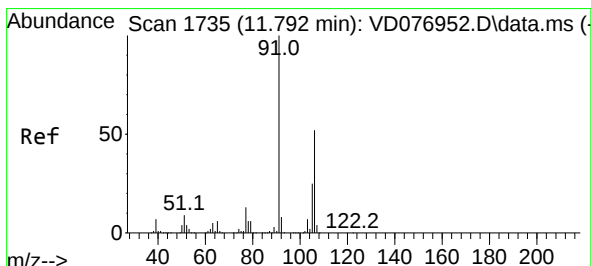
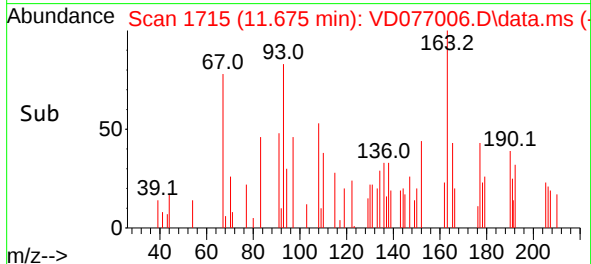
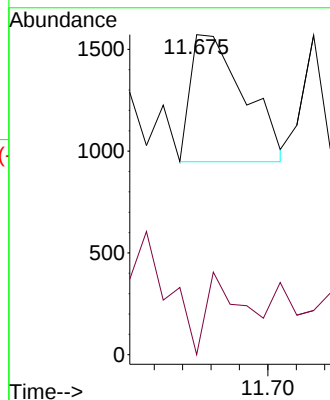
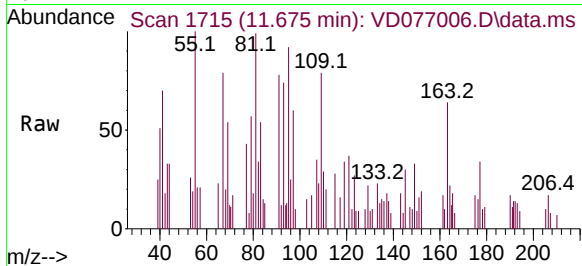
SB-01-14.5-15.0

Tgt Ion: 91 Resp: 823

Ion Ratio Lower Upper

91 100

106 0.0 26.5 39.7#



#68

m/p-Xylenes

Concen: 2.228 ug/l

RT: 11.769 min Scan# 1731

Delta R.T. -0.023 min

Lab File: VD077006.D

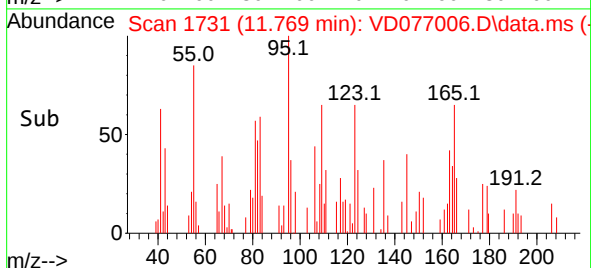
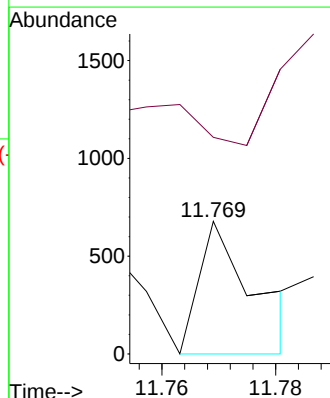
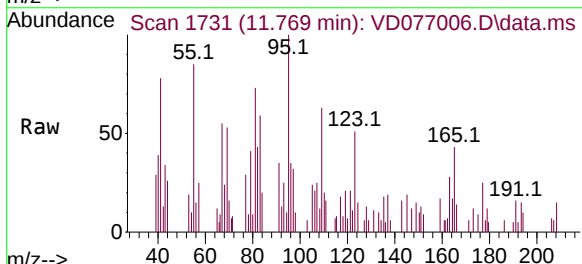
Acq: 14 Aug 2023 17:35

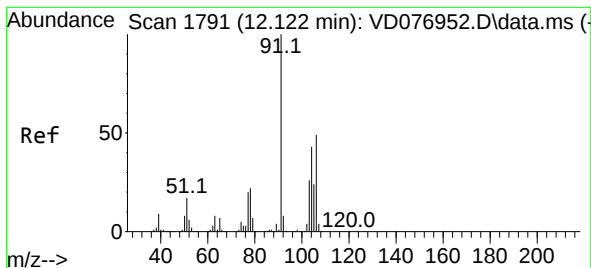
Tgt Ion: 106 Resp: 457

Ion Ratio Lower Upper

106 100

91 101.1 147.0 220.6#





#69

o-Xylene

Concen: 3.645 ug/l

RT: 12.175 min Scan# 1791

Delta R.T. 0.053 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

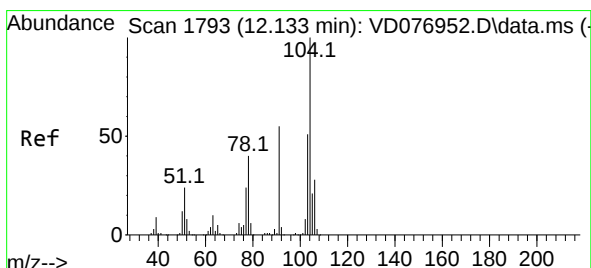
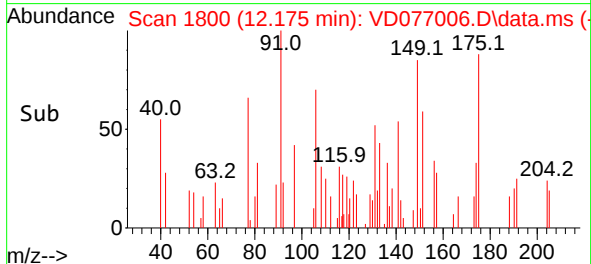
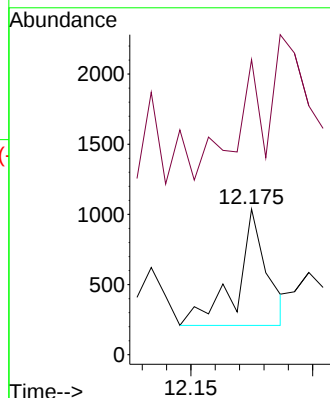
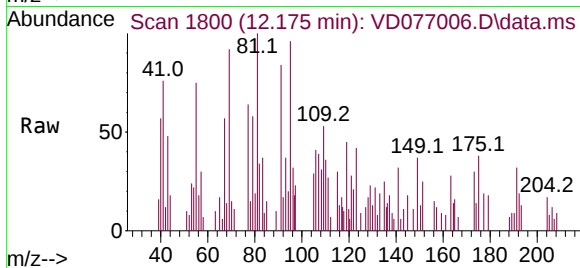
SB-01-14.5-15.0

Tgt Ion:106 Resp: 717

Ion Ratio Lower Upper

106 100

91 196.7 97.9 293.6



#70

Styrene

Concen: 1.397 ug/l

RT: 12.157 min Scan# 1797

Delta R.T. 0.024 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

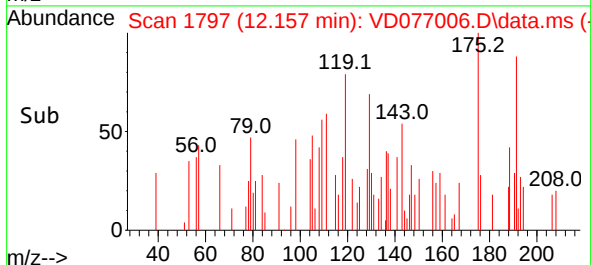
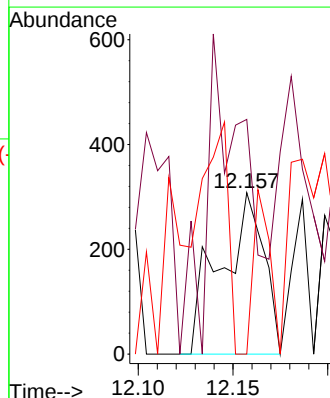
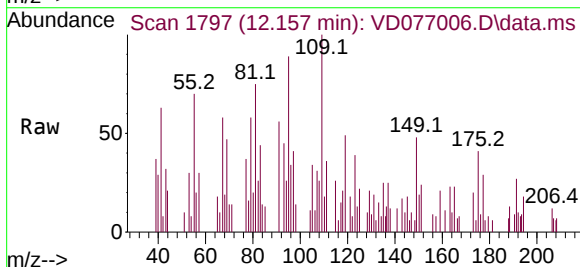
Tgt Ion:104 Resp: 490

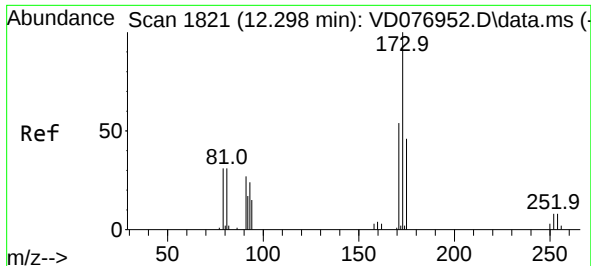
Ion Ratio Lower Upper

104 100

78 0.0 33.2 49.8#

103 38.4 43.6 65.4#

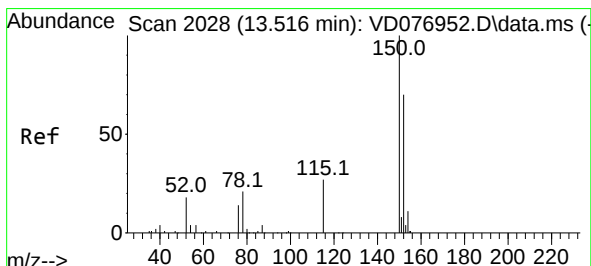
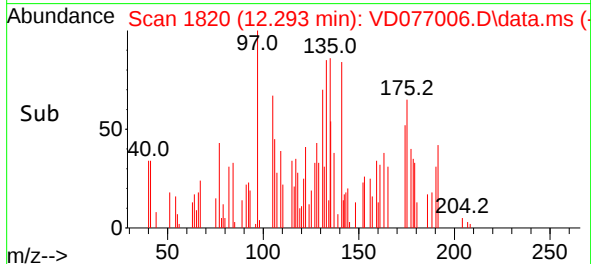
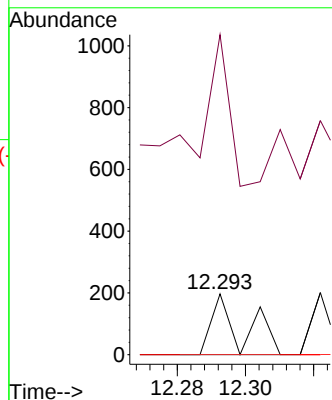
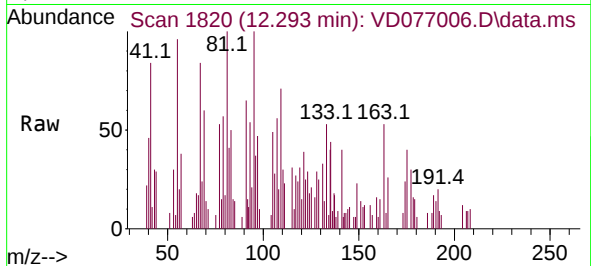




#71
Bromoform
Concen: 1.811 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

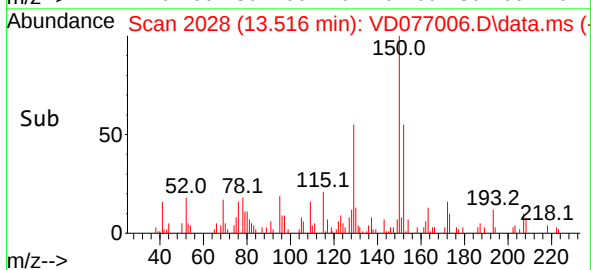
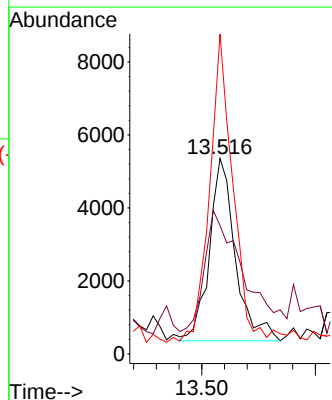
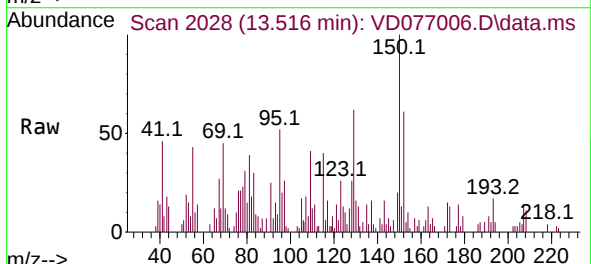
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

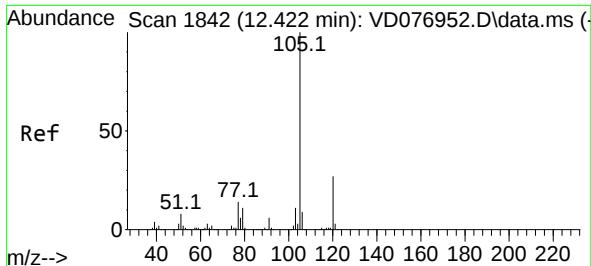
Tgt Ion:173 Resp: 124
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:152 Resp: 7930
Ion Ratio Lower Upper
152 100
115 94.0 27.1 81.3#
150 150.7 0.0 353.6

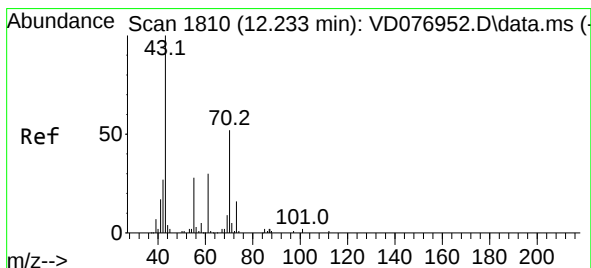
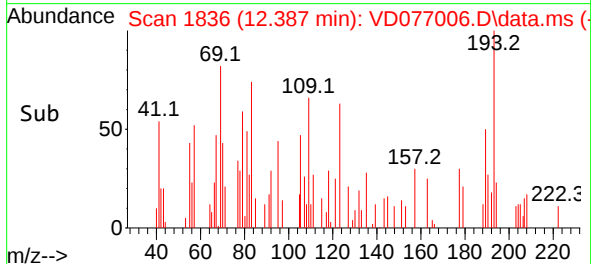
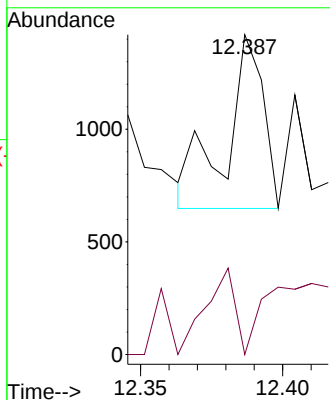
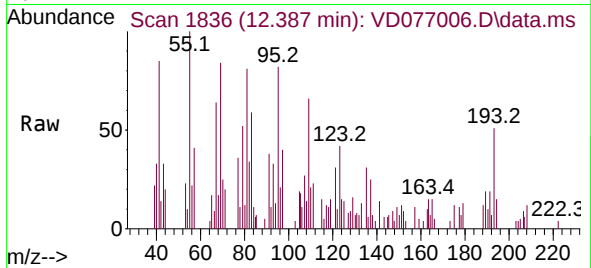




#73
Isopropylbenzene
Concen: 1.415 ug/l
RT: 12.387 min Scan# 1836
Delta R.T. -0.035 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

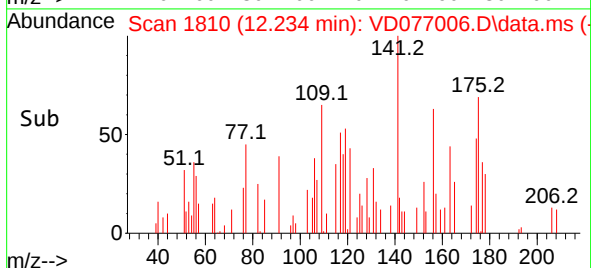
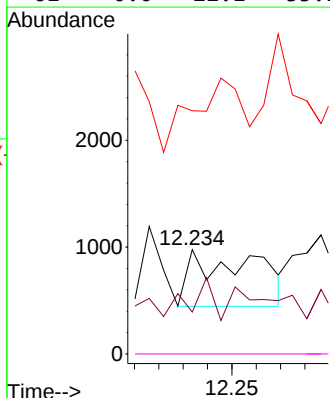
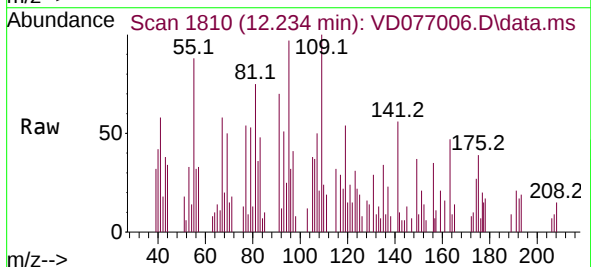
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

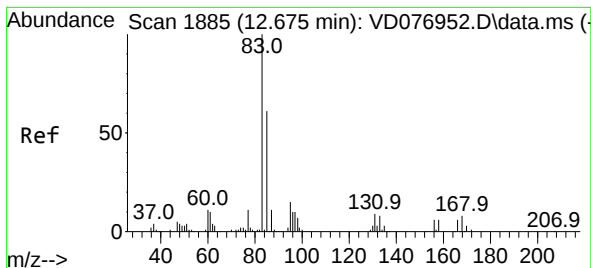
Tgt Ion:105 Resp: 706
Ion Ratio Lower Upper
105 100
120 38.8 14.3 42.9



#74
N-ethyl acetate
Concen: 9.636 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
70 27.1 45.0 67.4#
55 101.1 23.8 35.6#
61 0.0 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.332 ug/l

RT: 12.693 min Scan# 1888

Delta R.T. 0.018 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

SB-01-14.5-15.0

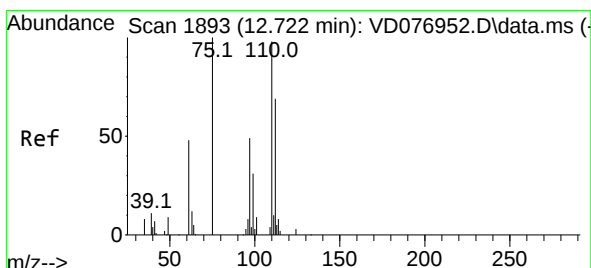
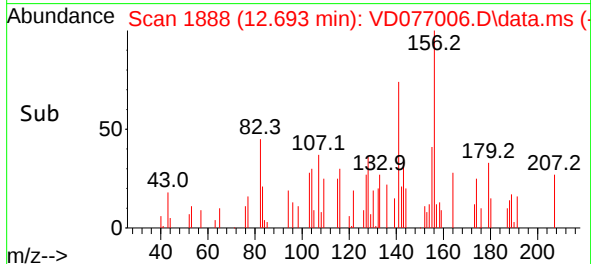
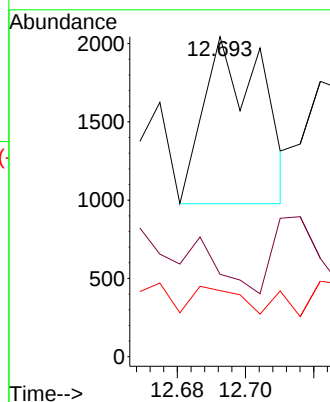
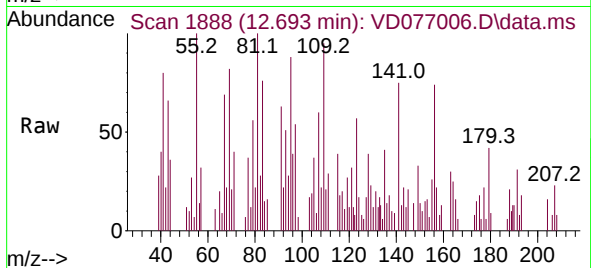
Tgt Ion: 83 Resp: 1246

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 33.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 2.205 ug/l

RT: 12.734 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VD077006.D

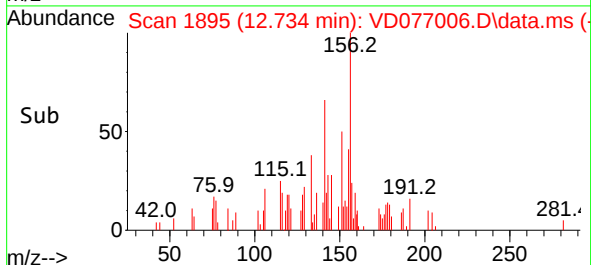
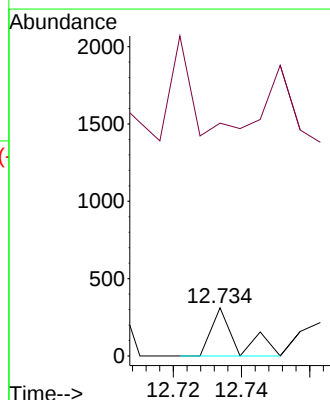
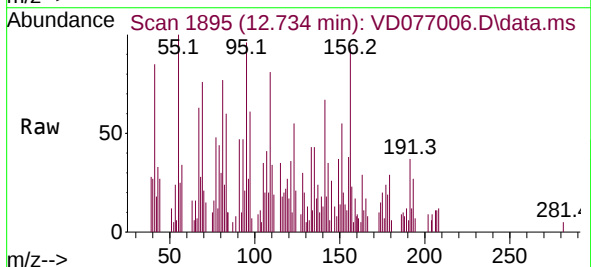
Acq: 14 Aug 2023 17:35

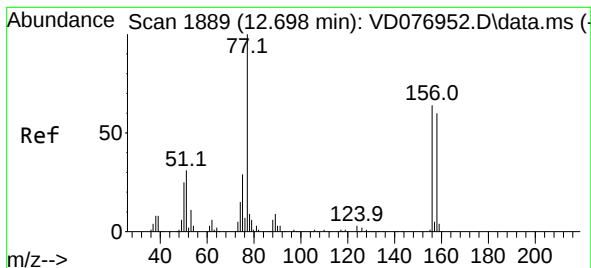
Tgt Ion: 75 Resp: 164

Ion Ratio Lower Upper

75 100

77 195.1 0.0 0.0#





#77

Bromobenzene

Concen: 15.680 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

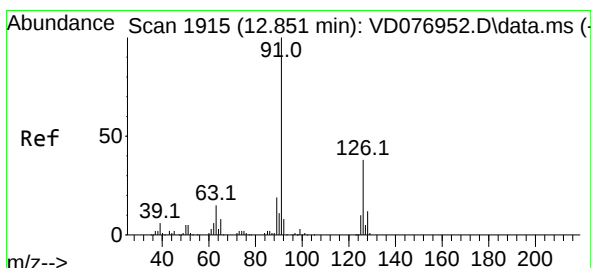
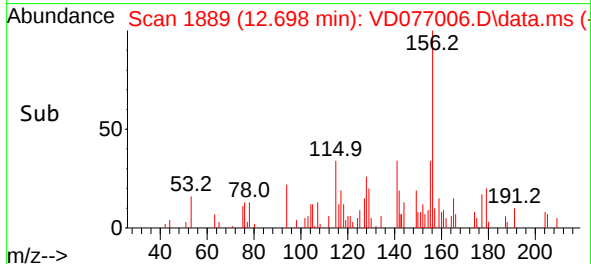
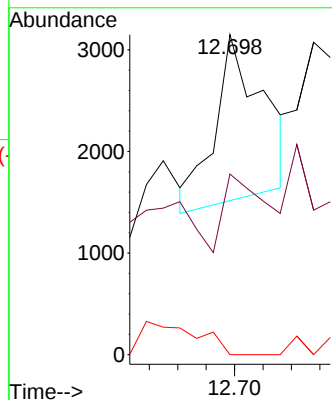
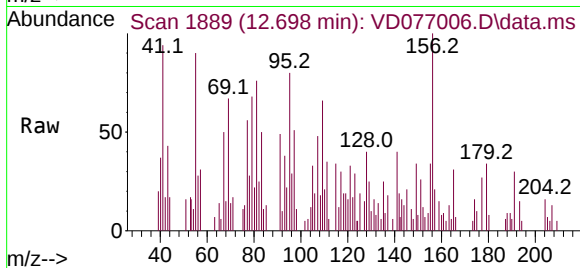
Instrument :

MSVOA_D

ClientSampleId :

SB-01-14.5-15.0

Tgt Ion:	156	Resp:	1904
Ion	Ratio	Lower	Upper
156	100		
77	42.6	76.8	230.4#
158	0.0	48.6	145.9#



#79

2-Chlorotoluene

Concen: 2.343 ug/l

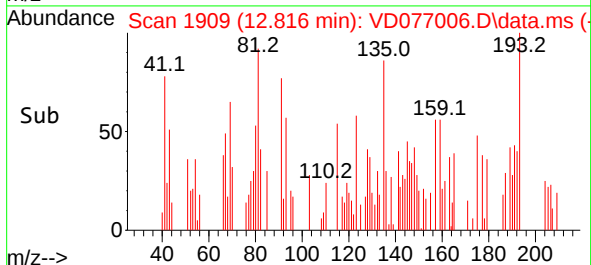
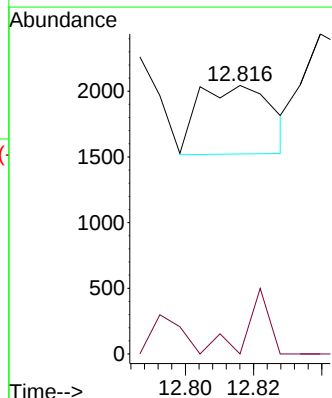
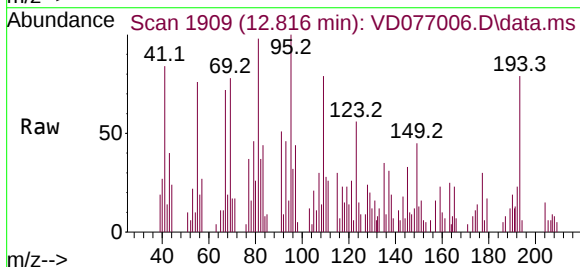
RT: 12.816 min Scan# 1909

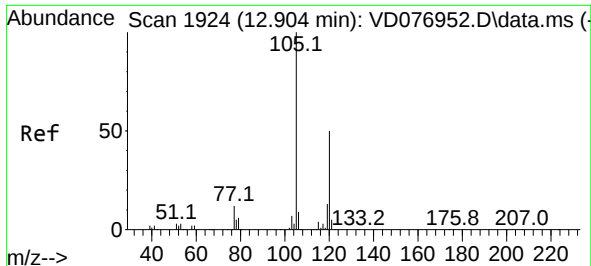
Delta R.T. -0.035 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Tgt Ion:	91	Resp:	782
Ion	Ratio	Lower	Upper
91	100		
126	29.5	19.4	58.1

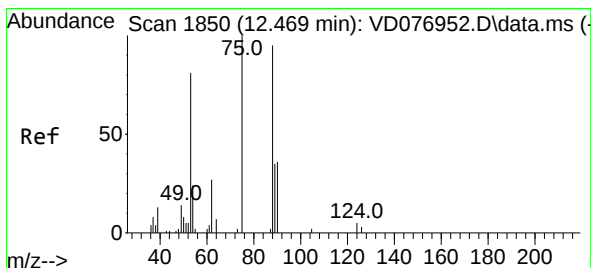
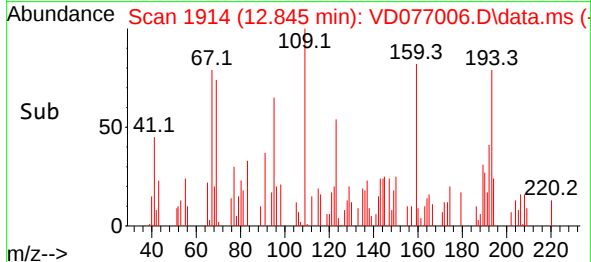
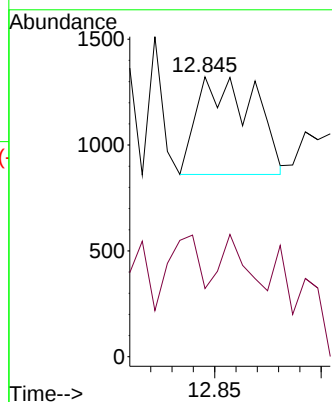
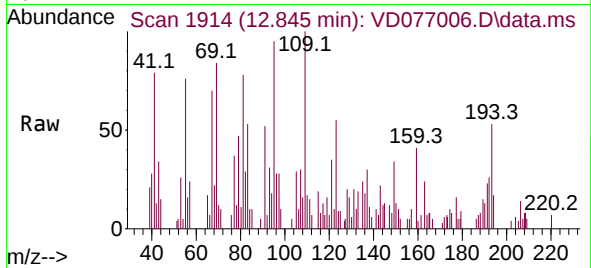




#80
 1,3,5-Trimethylbenzene
 Concen: 2.113 ug/l
 RT: 12.845 min Scan# 1924
 Delta R.T. -0.059 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

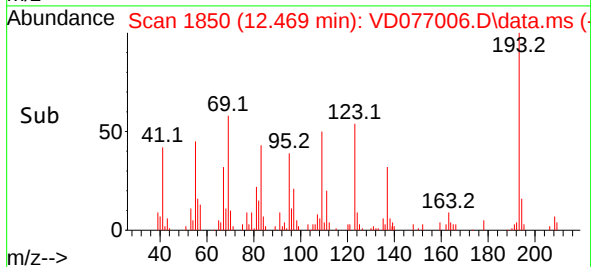
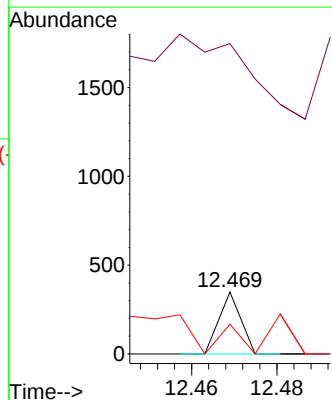
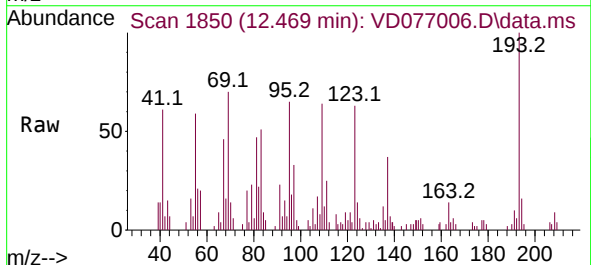
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-14.5-15.0

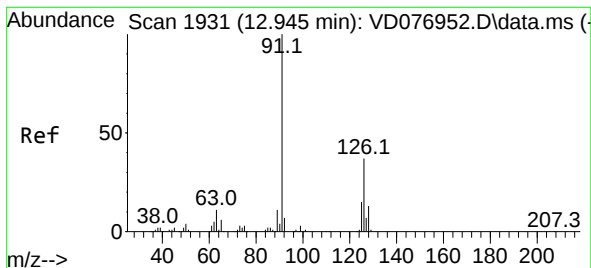
Tgt Ion:105 Resp: 856
 Ion Ratio Lower Upper
 105 100
 120 41.8 26.4 79.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.885 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

Tgt Ion: 75 Resp: 123
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 181.3 37.9 56.9#





#82

4-Chlorotoluene

Concen: 1.042 ug/l

RT: 13.010 min Scan# 1942

Delta R.T. 0.065 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

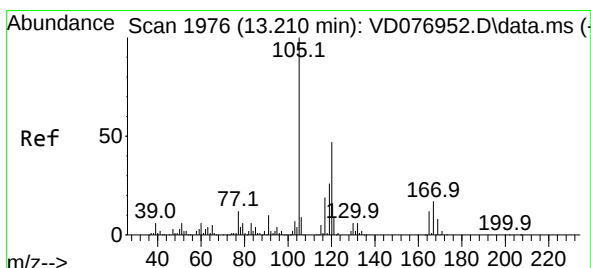
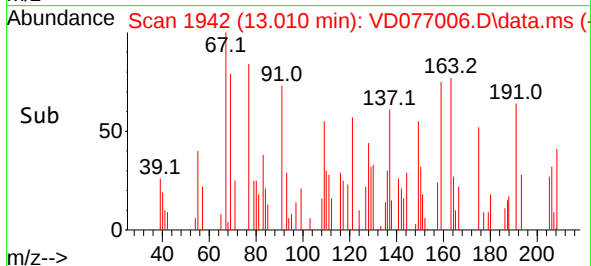
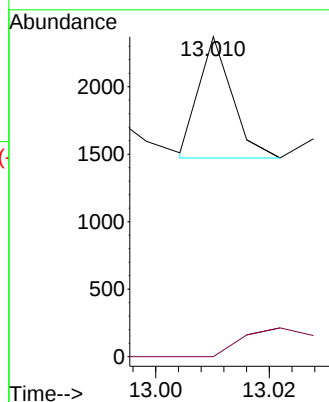
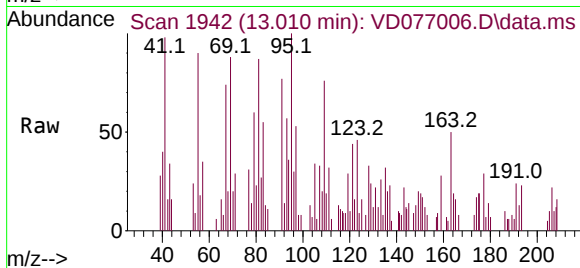
SB-01-14.5-15.0

Tgt Ion: 91 Resp: 364

Ion Ratio Lower Upper

91 100

126 51.4 19.4 58.4



#84

1,2,4-Trimethylbenzene

Concen: 1.141 ug/l

RT: 13.228 min Scan# 1979

Delta R.T. 0.018 min

Lab File: VD077006.D

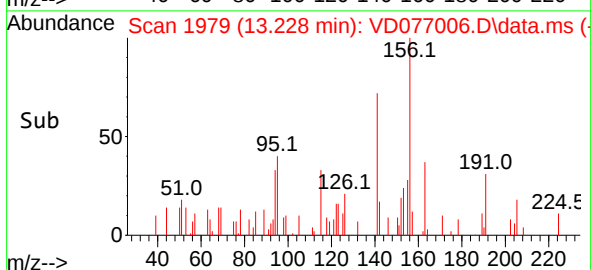
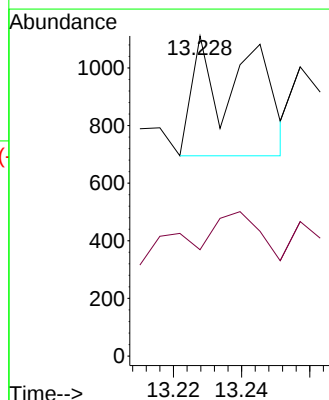
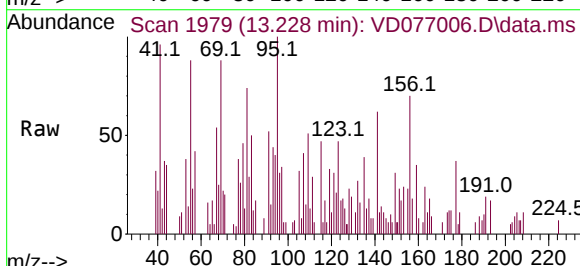
Acq: 14 Aug 2023 17:35

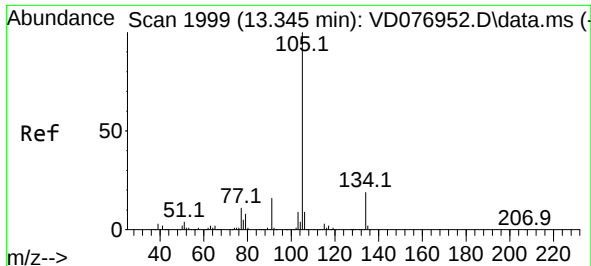
Tgt Ion: 105 Resp: 471

Ion Ratio Lower Upper

105 100

120 36.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 3.007 ug/l

RT: 13.522 min Scan# 2019

Delta R.T. 0.177 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

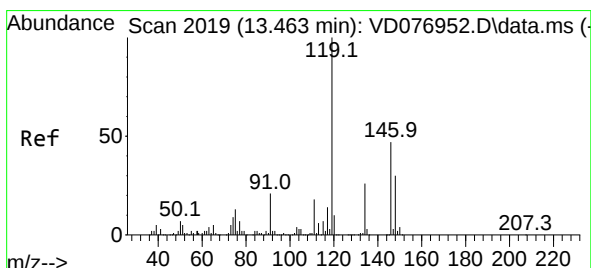
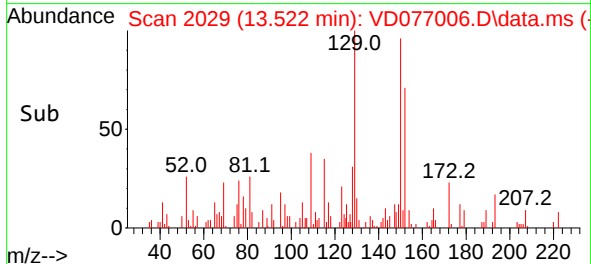
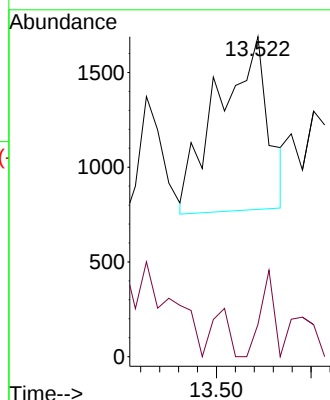
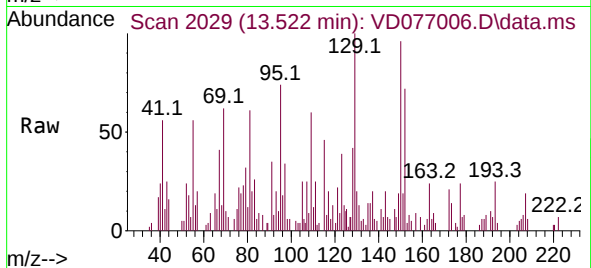
SB-01-14.5-15.0

Tgt Ion:105 Resp: 1687

Ion Ratio Lower Upper

105 100

134 17.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 2.248 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

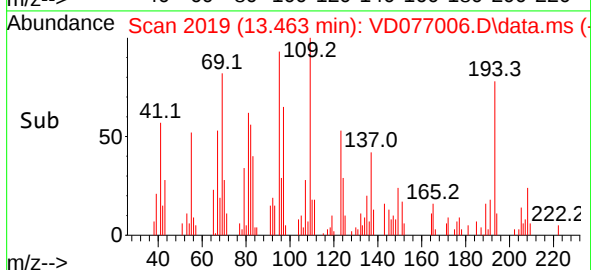
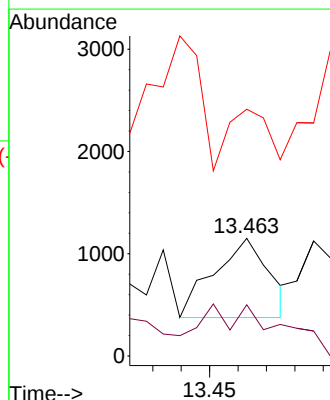
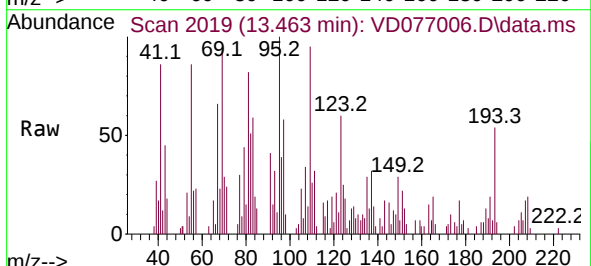
Tgt Ion:119 Resp: 1042

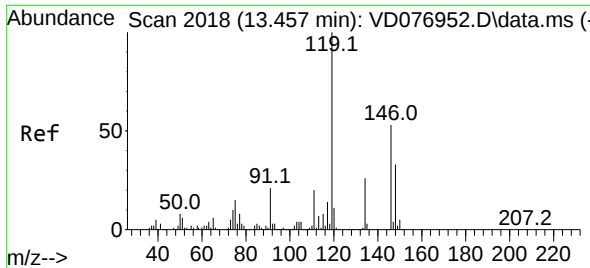
Ion Ratio Lower Upper

119 100

134 0.0 14.2 42.6#

91 0.0 10.5 31.5#

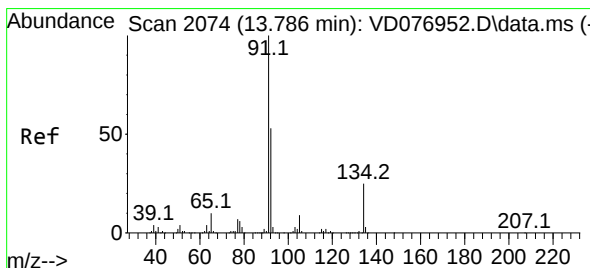
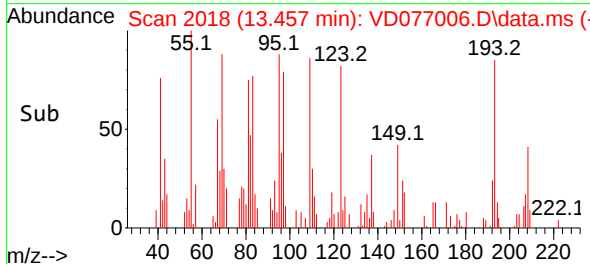
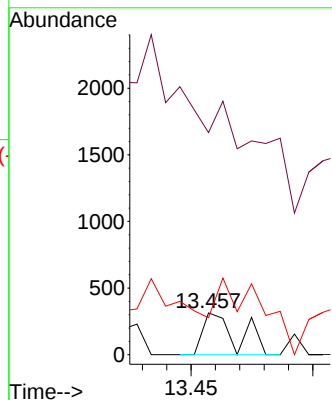
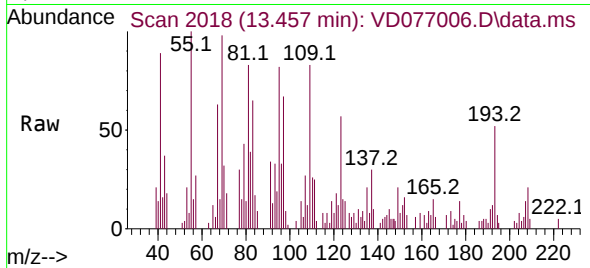




#87
 1,3-Dichlorobenzene
 Concen: 1.215 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

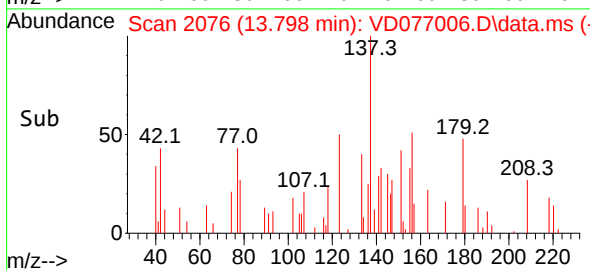
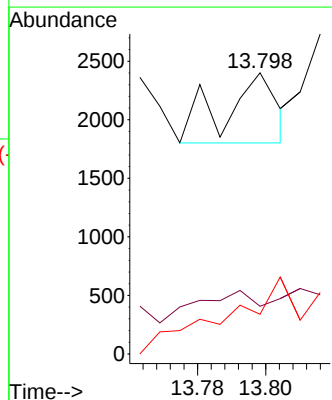
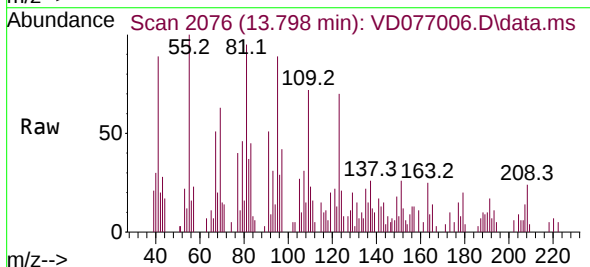
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-14.5-15.0

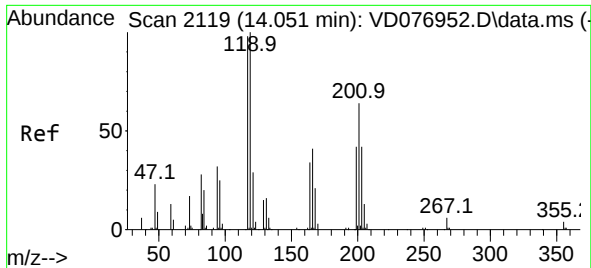
Tgt Ion:146 Resp: 306
 Ion Ratio Lower Upper
 146 100
 111 0.0 17.9 53.8#
 148 236.3 32.3 96.8#



#89
 n-Butylbenzene
 Concen: 1.457 ug/l
 RT: 13.798 min Scan# 2076
 Delta R.T. 0.012 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

Tgt Ion: 91 Resp: 643
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.5 79.5
 134 163.1 13.8 41.3#

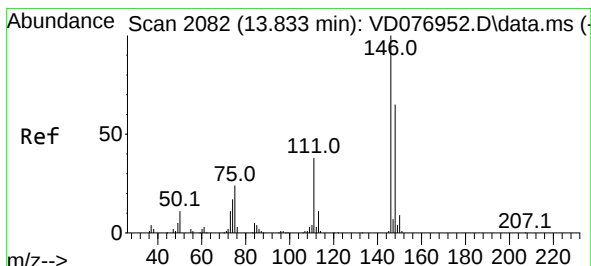
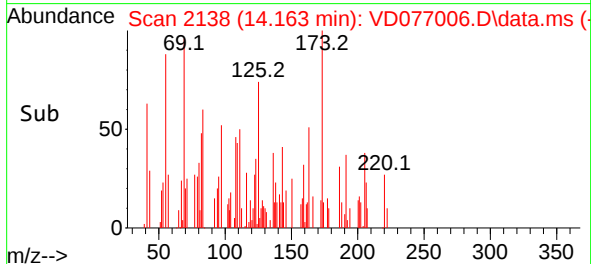
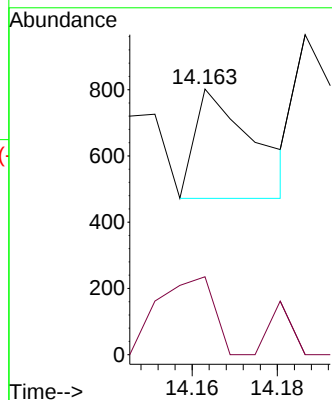
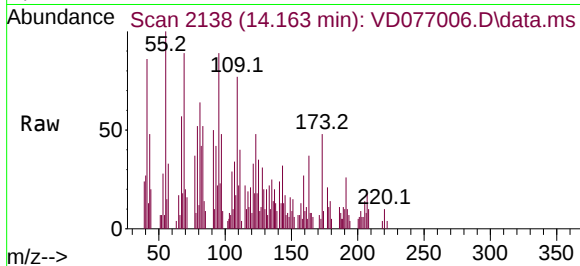




#90
Hexachloroethane
Concen: 3.342 ug/l
RT: 14.163 min Scan# 2119
Delta R.T. 0.112 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

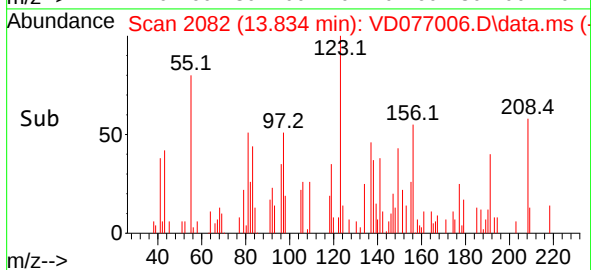
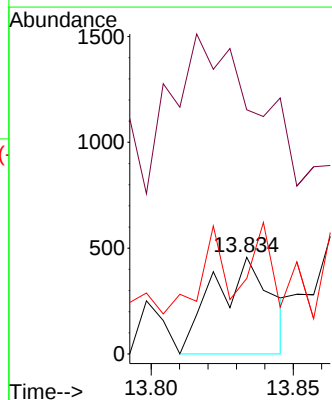
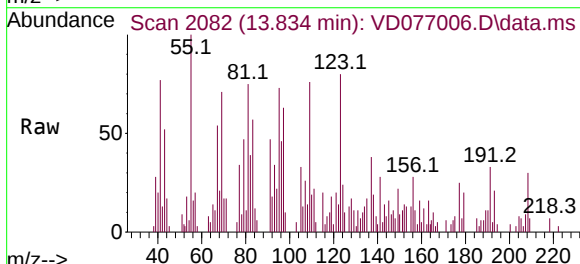
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

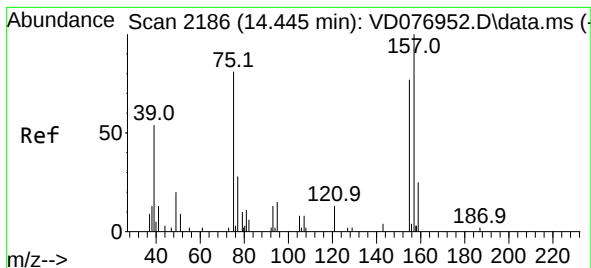
Tgt Ion:117 Resp: 313
Ion Ratio Lower Upper
117 100
201 68.4 38.5 115.5



#91
1,2-Dichlorobenzene
Concen: 2.862 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.001 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:146 Resp: 641
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 61.8 31.6 94.7

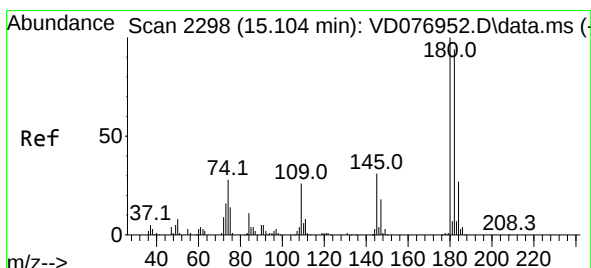
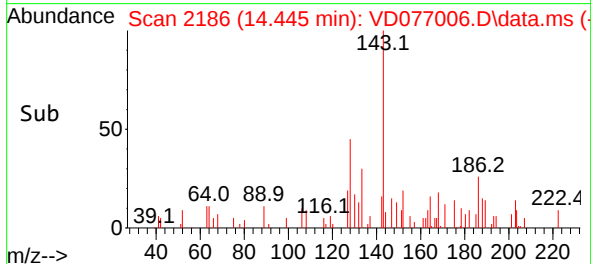
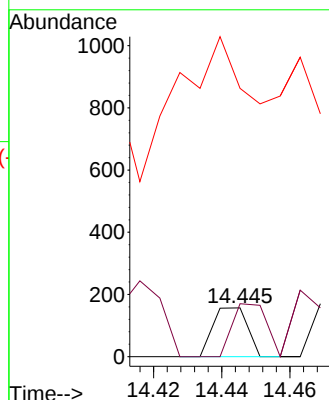
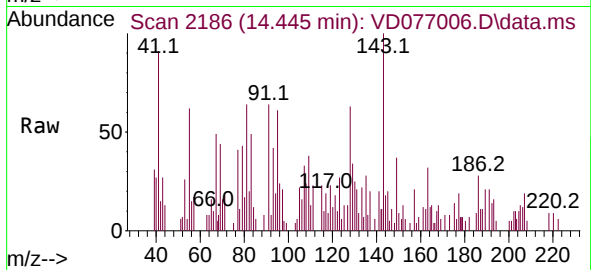




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.358 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

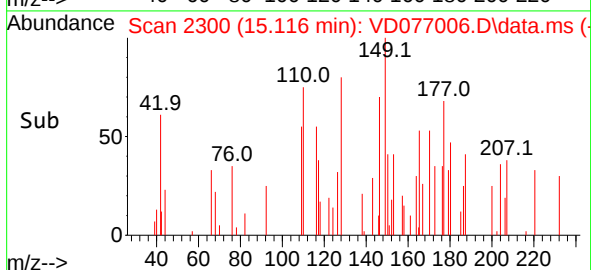
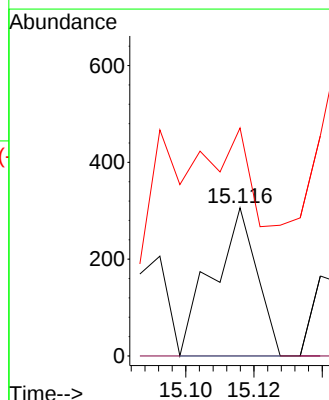
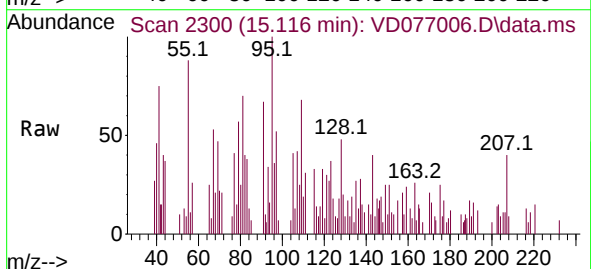
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-14.5-15.0

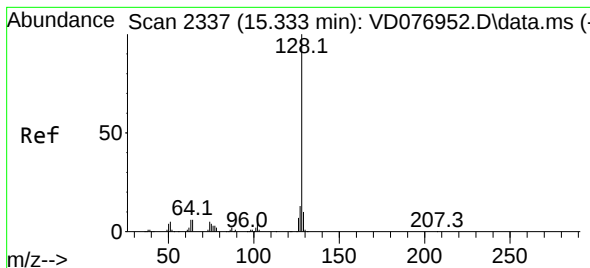
Tgt Ion: 75 Resp: 110
 Ion Ratio Lower Upper
 75 100
 155 107.3 47.9 143.8
 157 602.7 59.9 179.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.993 ug/l
 RT: 15.116 min Scan# 2300
 Delta R.T. 0.012 min
 Lab File: VD077006.D
 Acq: 14 Aug 2023 17:35

Tgt Ion: 180 Resp: 276
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.5 145.6#
 145 0.0 14.2 42.6#





#95

Naphthalene

Concen: 2.045 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

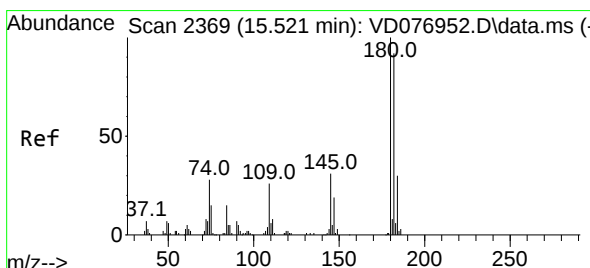
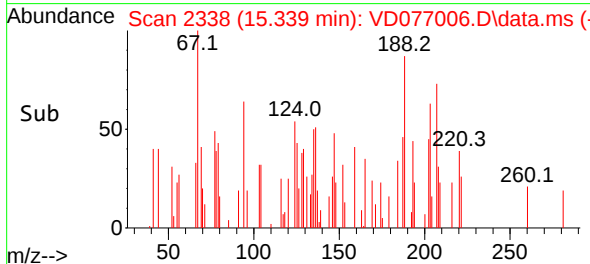
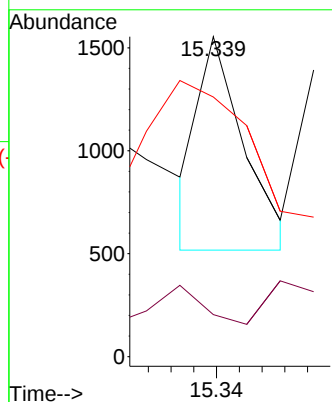
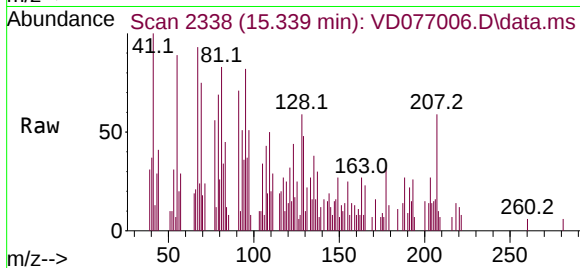
Instrument :

MSVOA_D

ClientSampleId :

SB-01-14.5-15.0

Tgt Ion:	128	Resp:	576
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	81.1	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.288 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.007 min

Lab File: VD077006.D

Acq: 14 Aug 2023 17:35

Tgt Ion:	180	Resp:	159
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.9#
145	194.3	15.1	45.3#

