

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076335.D
 Acq On : 06 Jun 2023 12:31
 Operator : KP/SY
 Sample : 03032-01
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-0A

Quant Time: Jun 07 06:10:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

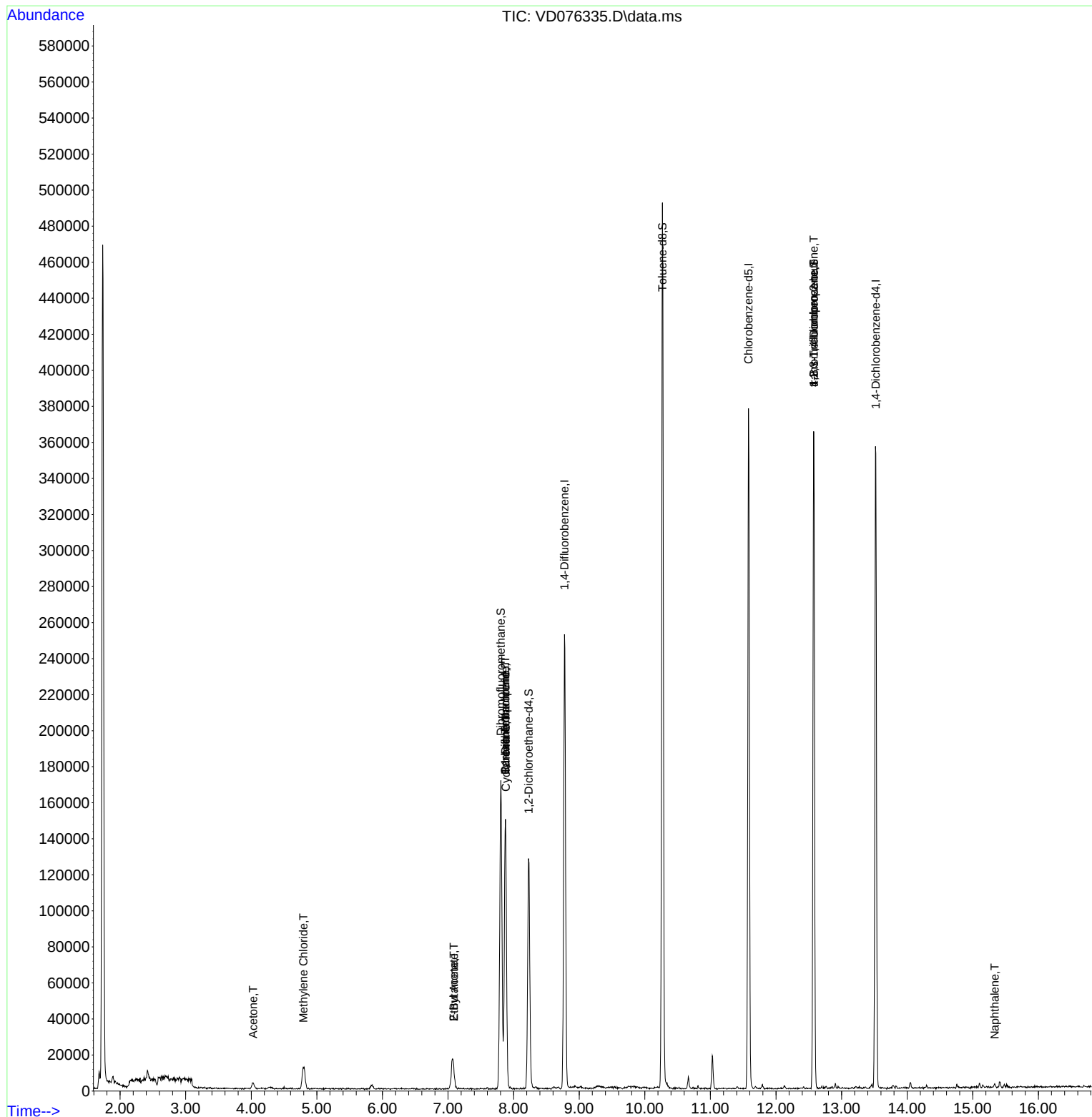
Internal Standards						
1) Pentafluorobenzene	7.875	168	126781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97751	86.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.100%#			
35) Dibromofluoromethane	7.805	113	123629	79.967	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 159.940%#			
50) Toluene-d8	10.269	98	364629	59.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.480%			
62) 4-Bromofluorobenzene	12.575	95	111244	68.291	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 136.580%			
Target Compounds					Qvalue	
16) Acetone	4.028	43	5629	27.054	ug/l	88
20) Methylene Chloride	4.793	84	11349	2.462	ug/l	89
25) 2-Butanone	7.087	43	2606	9.045	ug/l #	37
31) Cyclohexane	7.881	56	2733	1.433	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	8979	4.042	ug/l #	44
37) Ethyl Acetate	7.087	43	2606	3.556	ug/l #	62
38) Carbon Tetrachloride	7.875	117	11313	5.810	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	55745	55.070	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55745	131.895	ug/l #	17
95) Naphthalene	15.334	128	2465	3.887	ug/l #	92

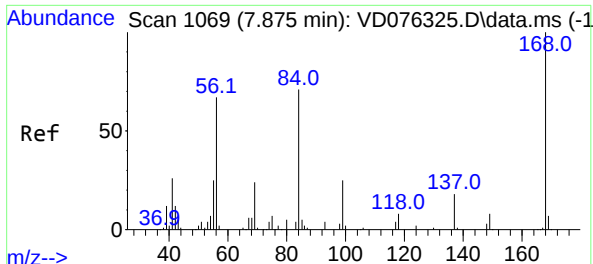
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD076335.D
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MSVOA_D
ClientSampleId :
TP-20-0A

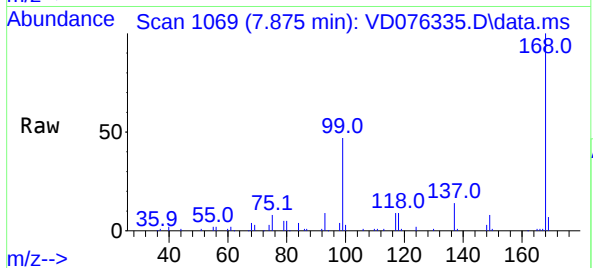
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



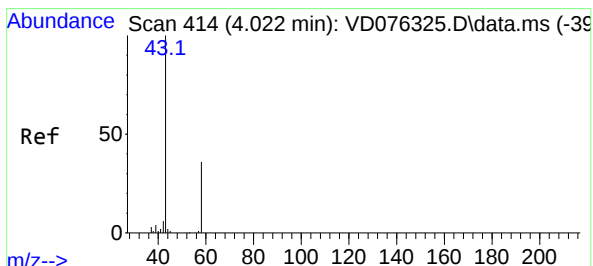
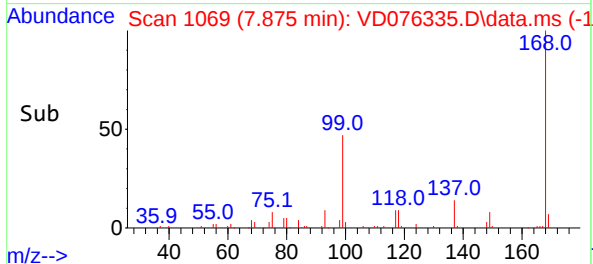
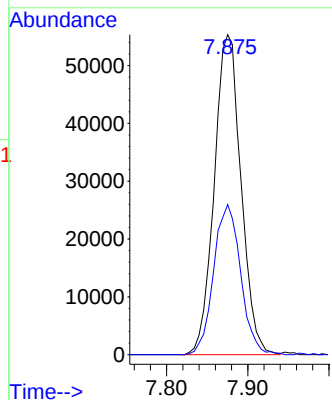


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

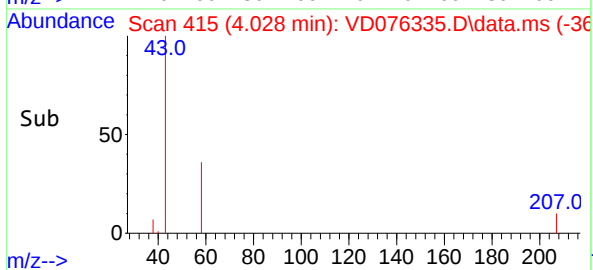
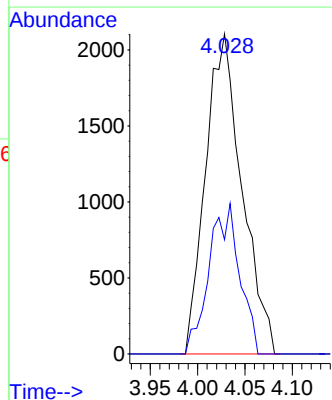
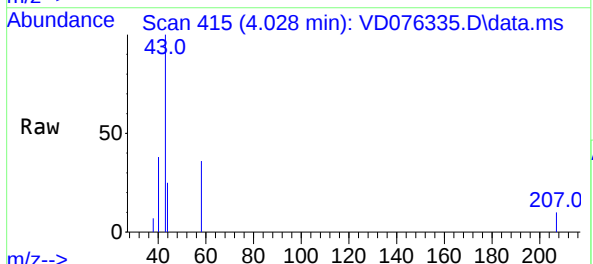


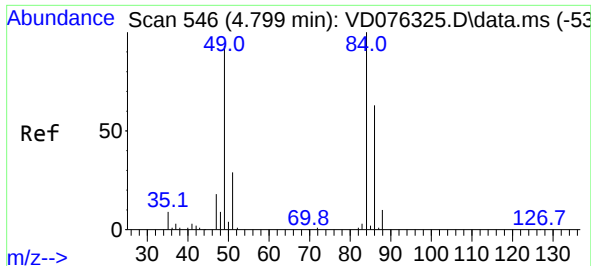
Tgt Ion:168 Resp: 126781
Ion Ratio Lower Upper
168 100
99 46.9 36.7 55.1



#16
Acetone
Concen: 27.054 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 43 Resp: 5629
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1



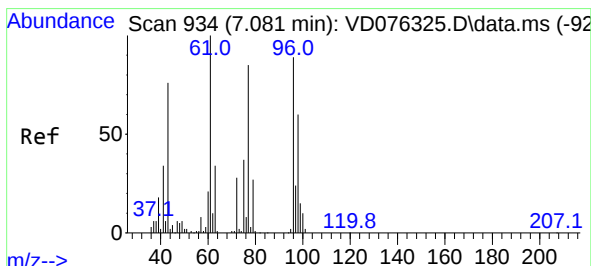
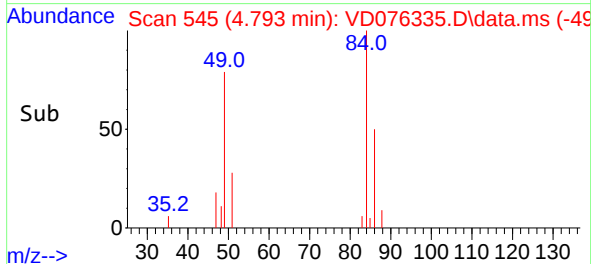
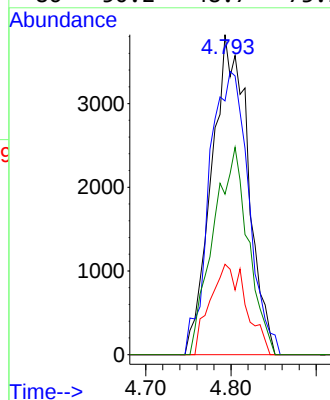
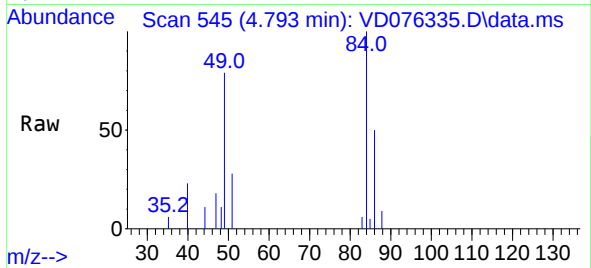


#20
Methylene Chloride
Concen: 2.462 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion: 84 Resp: 11349

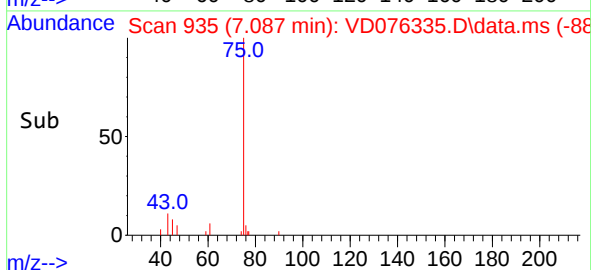
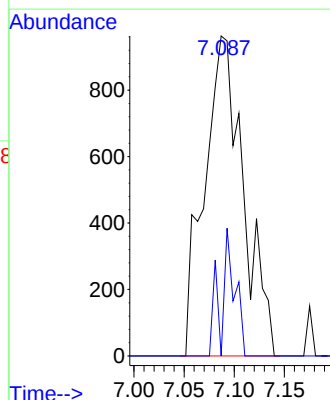
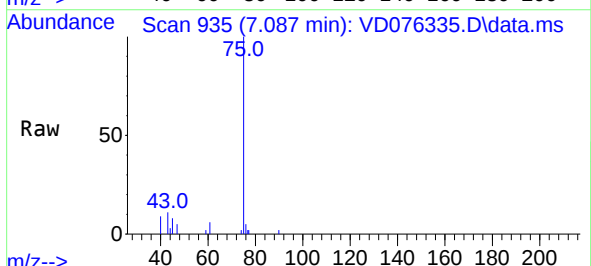
Ion	Ratio	Lower	Upper
84	100		
49	79.3	71.4	107.2
51	28.3	24.5	36.7
86	50.2	48.7	73.1

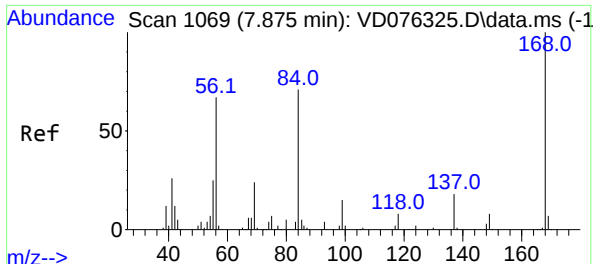


#25
2-Butanone
Concen: 9.045 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 43 Resp: 2606

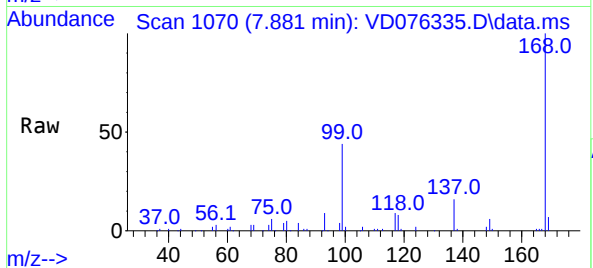
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



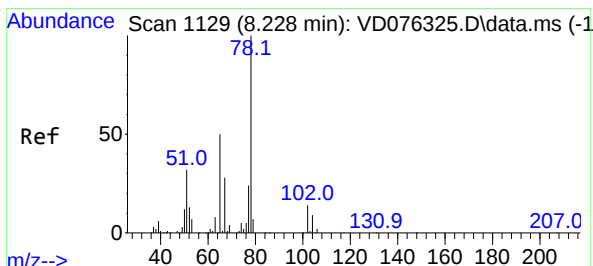
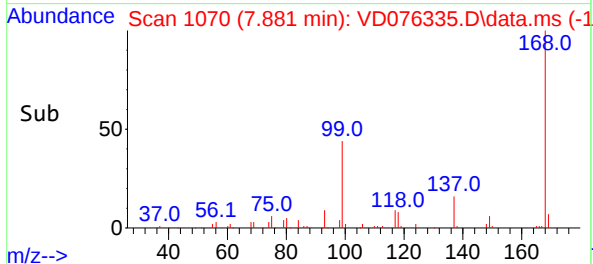
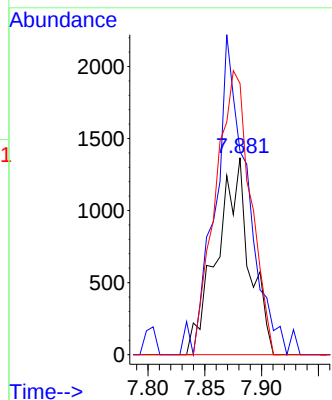


#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

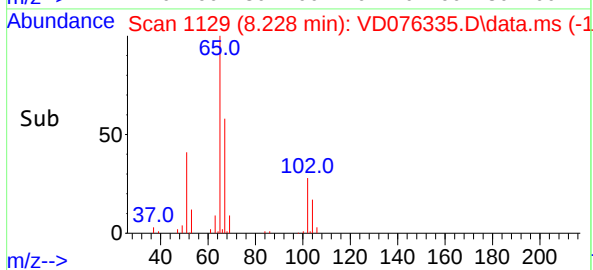
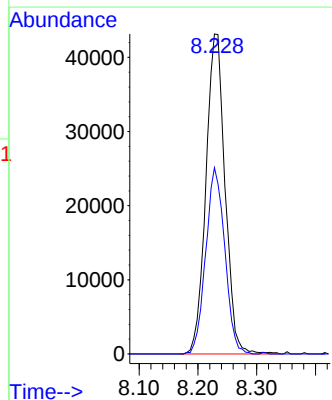
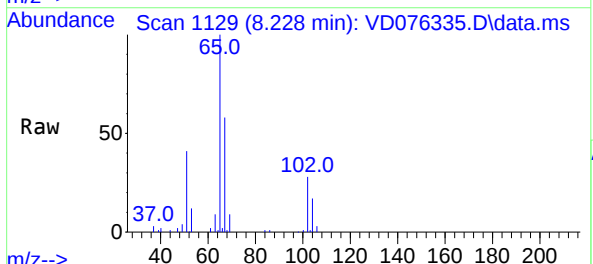


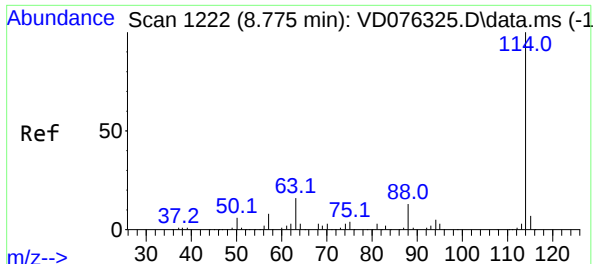
Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
69 103.1 28.6 43.0#
84 137.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 86.052 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 65 Resp: 97751
Ion Ratio Lower Upper
65 100
67 57.8 0.0 115.0

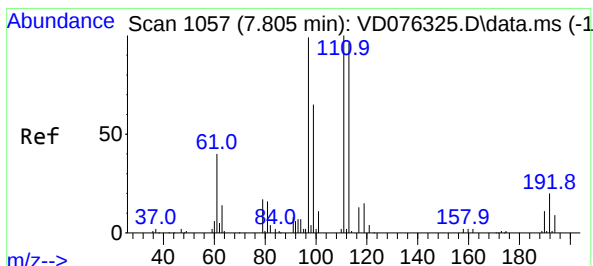
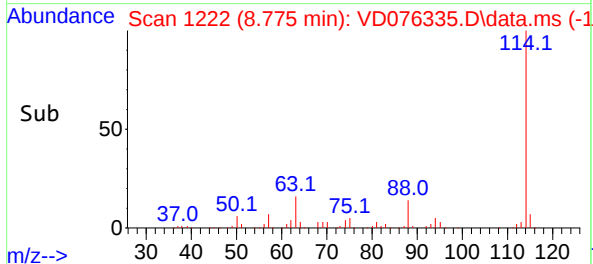
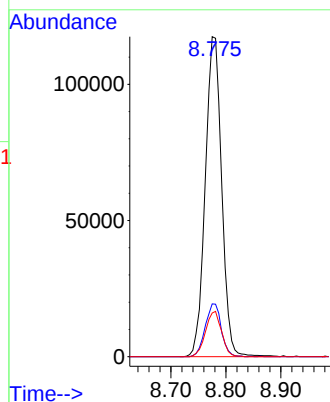
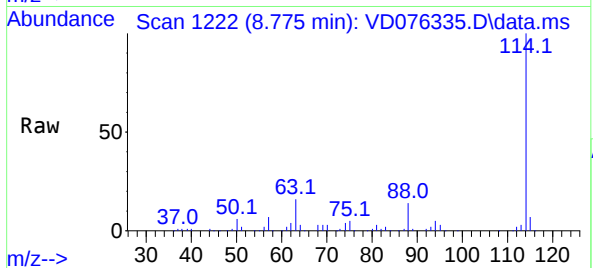




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

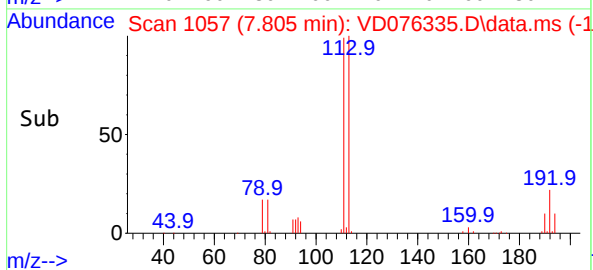
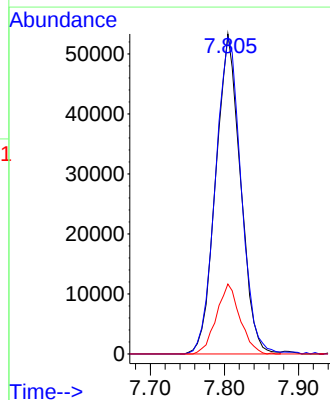
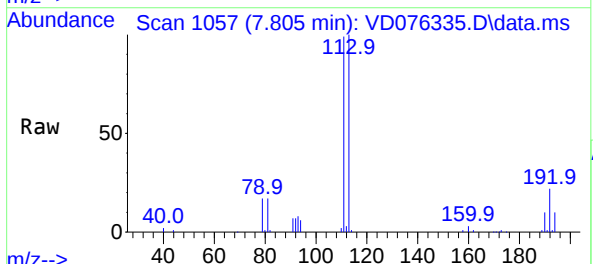
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

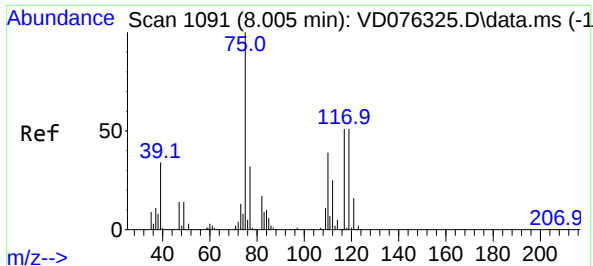
Tgt Ion:114 Resp: 243489
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 13.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 79.967 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion:113 Resp: 123629
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 20.8 16.8 25.2

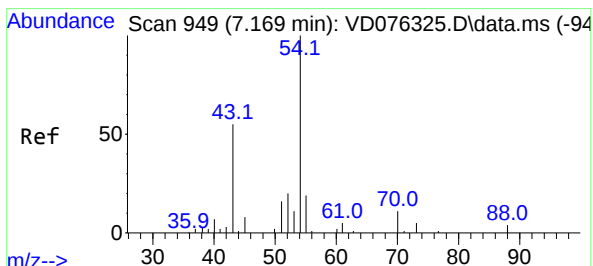
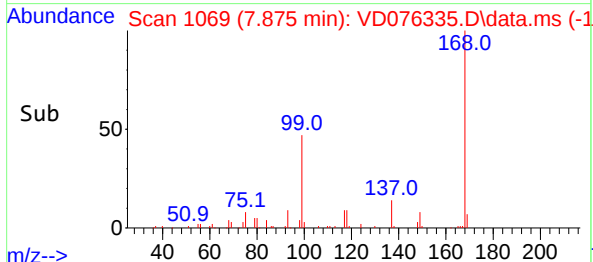
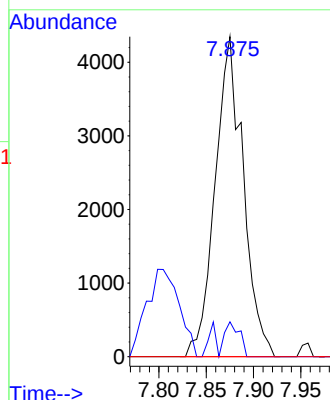
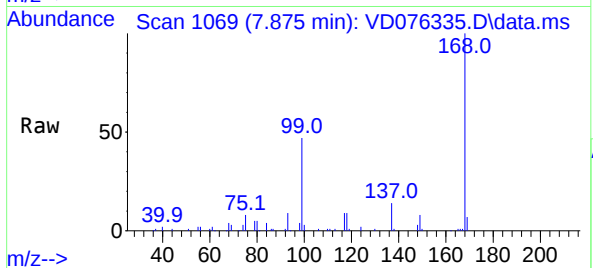




#36
1,1-Dichloropropene
Concen: 4.042 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

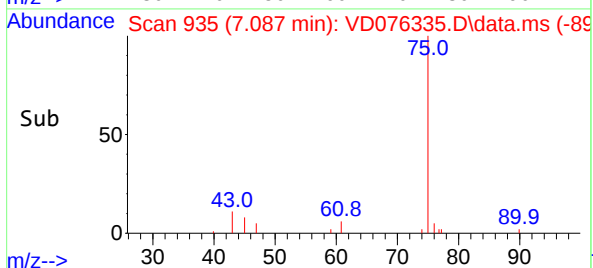
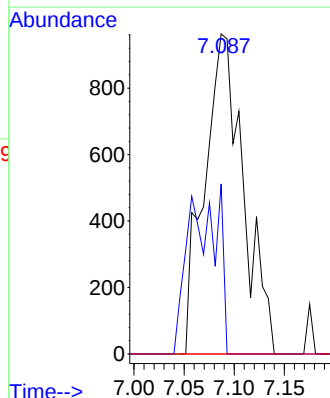
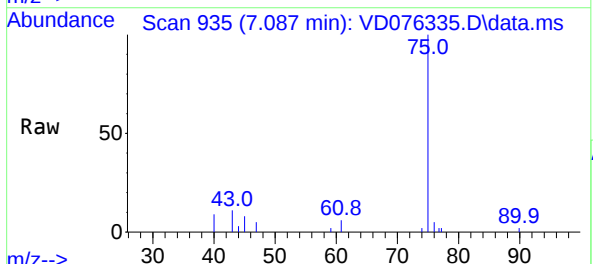
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

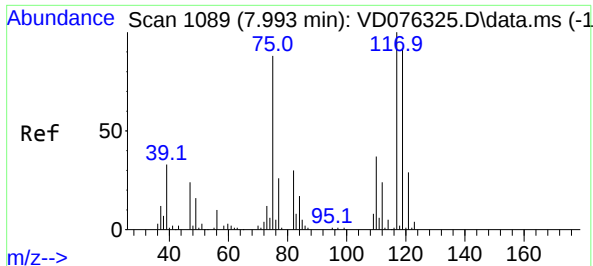
Tgt Ion: 75 Resp: 8979
Ion Ratio Lower Upper
75 100
110 5.8 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.556 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

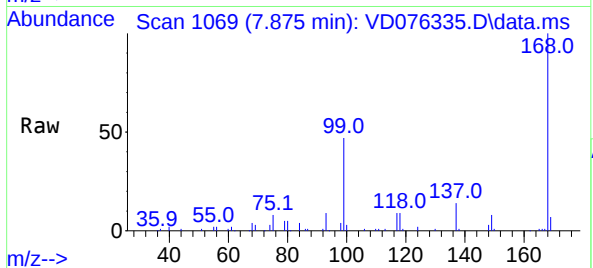
Tgt Ion: 43 Resp: 2606
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#



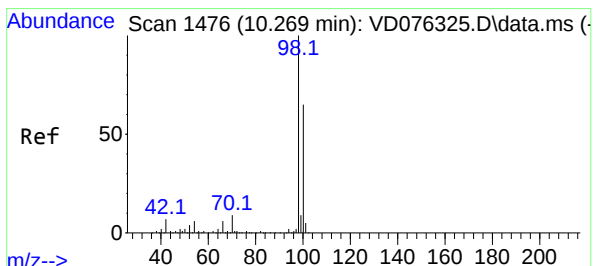
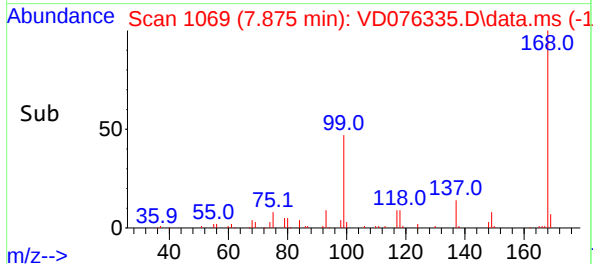
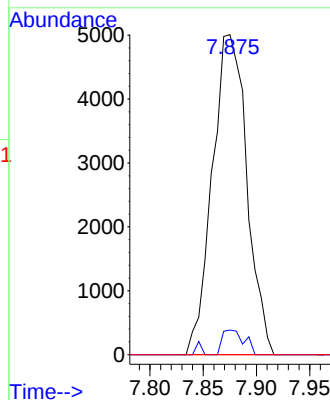


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

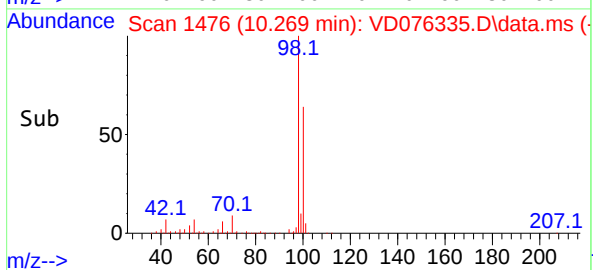
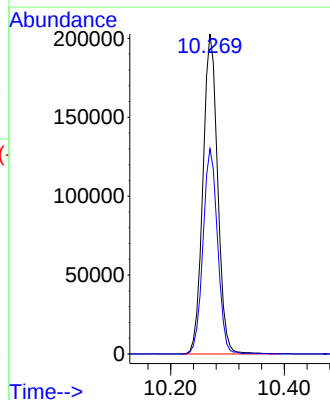
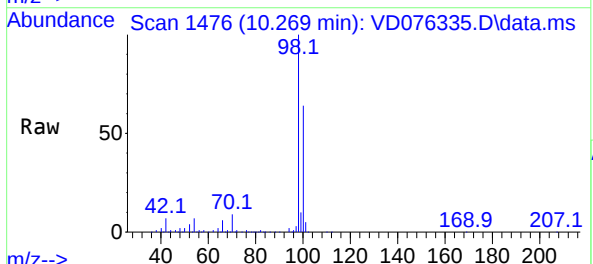


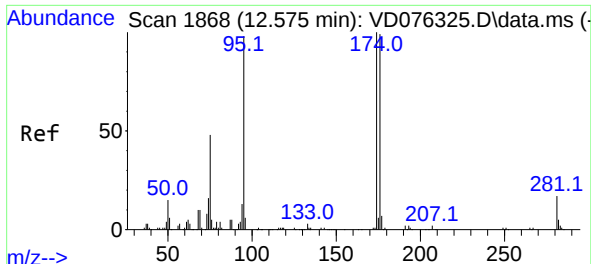
Tgt Ion:117 Resp: 11313
Ion Ratio Lower Upper
117 100
119 7.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 59.237 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 98 Resp: 364629
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



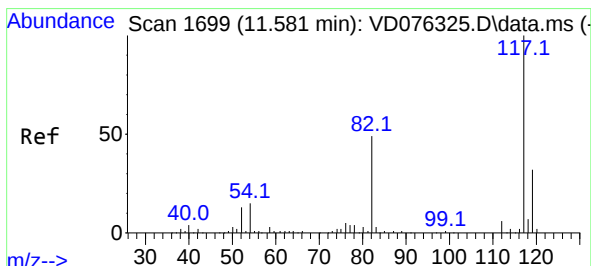
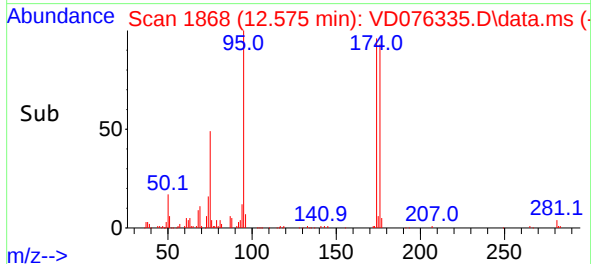
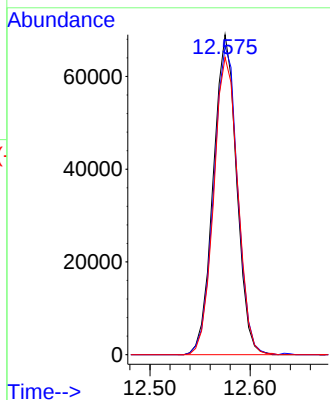
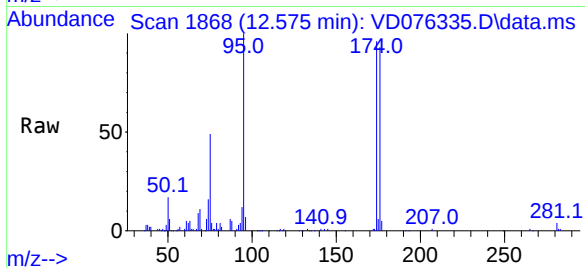


#62
4-Bromofluorobenzene
Concen: 68.291 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion: 95 Resp: 111244

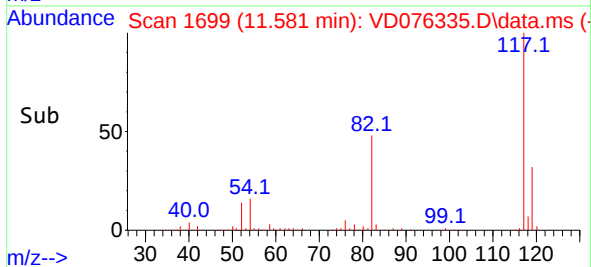
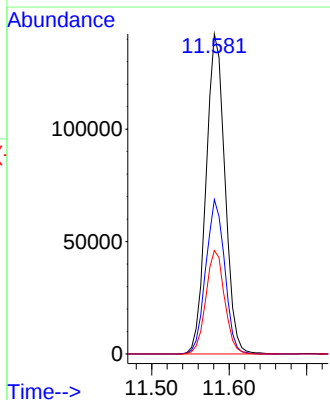
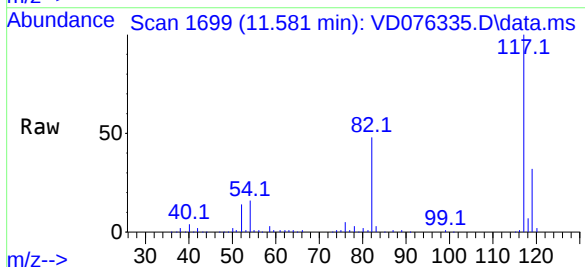
Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	201.8
176	95.9	0.0	191.8

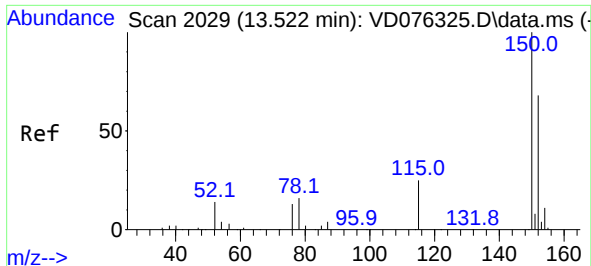


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 117 Resp: 240567

Ion	Ratio	Lower	Upper
117	100		
82	48.2	38.3	57.5
119	32.3	25.0	37.4

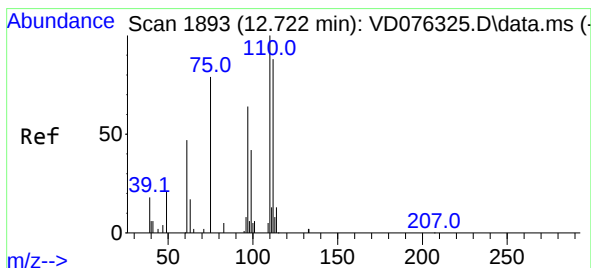
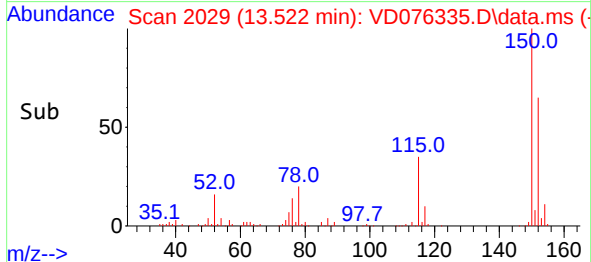
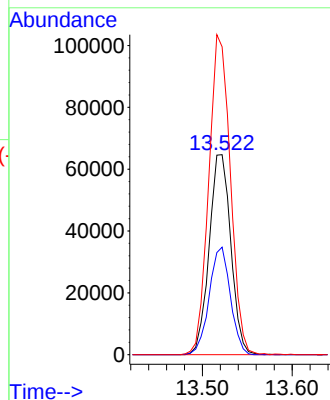
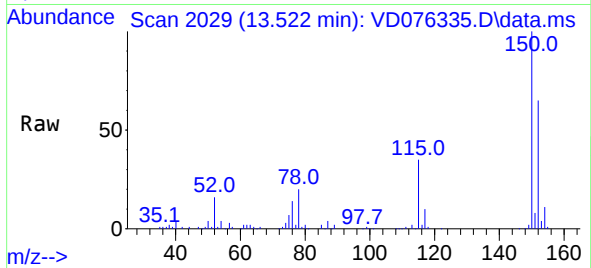




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

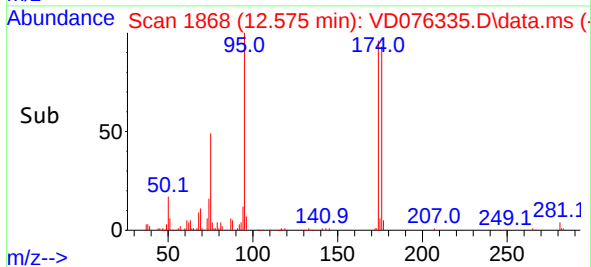
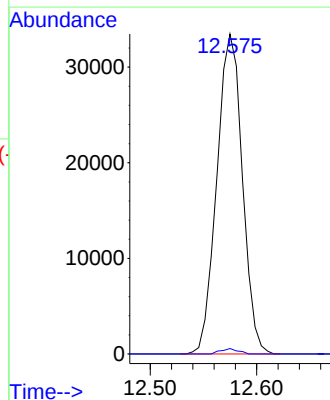
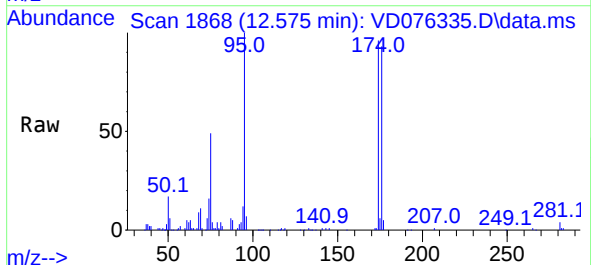
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

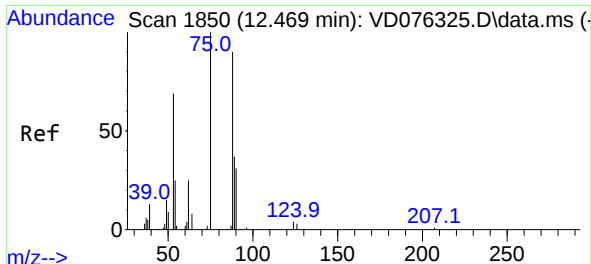
Tgt Ion:152 Resp: 108442
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 159.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 55.070 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion: 75 Resp: 55745
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

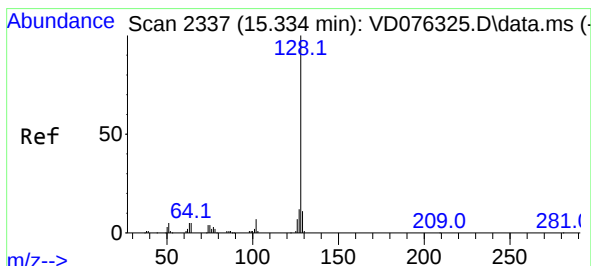
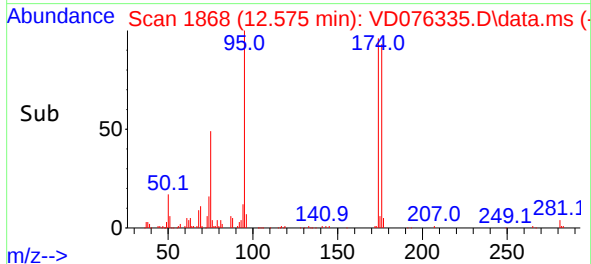
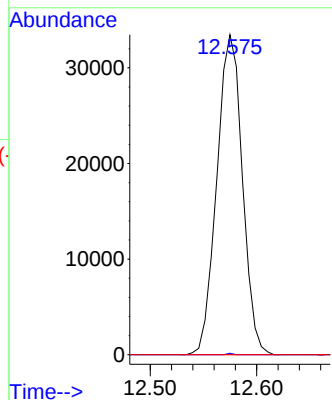
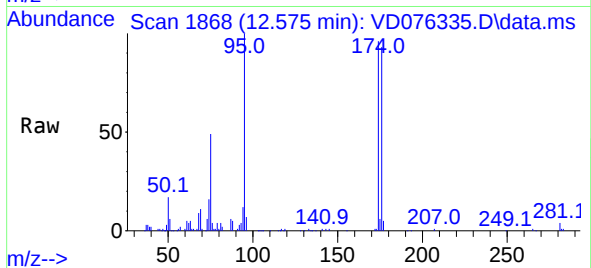




#81
trans-1,4-Dichloro-2-butene
Concen: 131.895 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

Tgt Ion: 75 Resp: 55745
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.887 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076335.D
Acq: 06 Jun 2023 12:31

Tgt Ion:128 Resp: 2465
Ion Ratio Lower Upper
128 100
127 16.4 10.5 15.7#
129 13.4 8.7 13.1#

