

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070610.D
 Acq On : 07 Oct 2021 11:44
 Operator : VA/SY
 Sample : M4061-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Quant Time: Oct 08 04:50:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

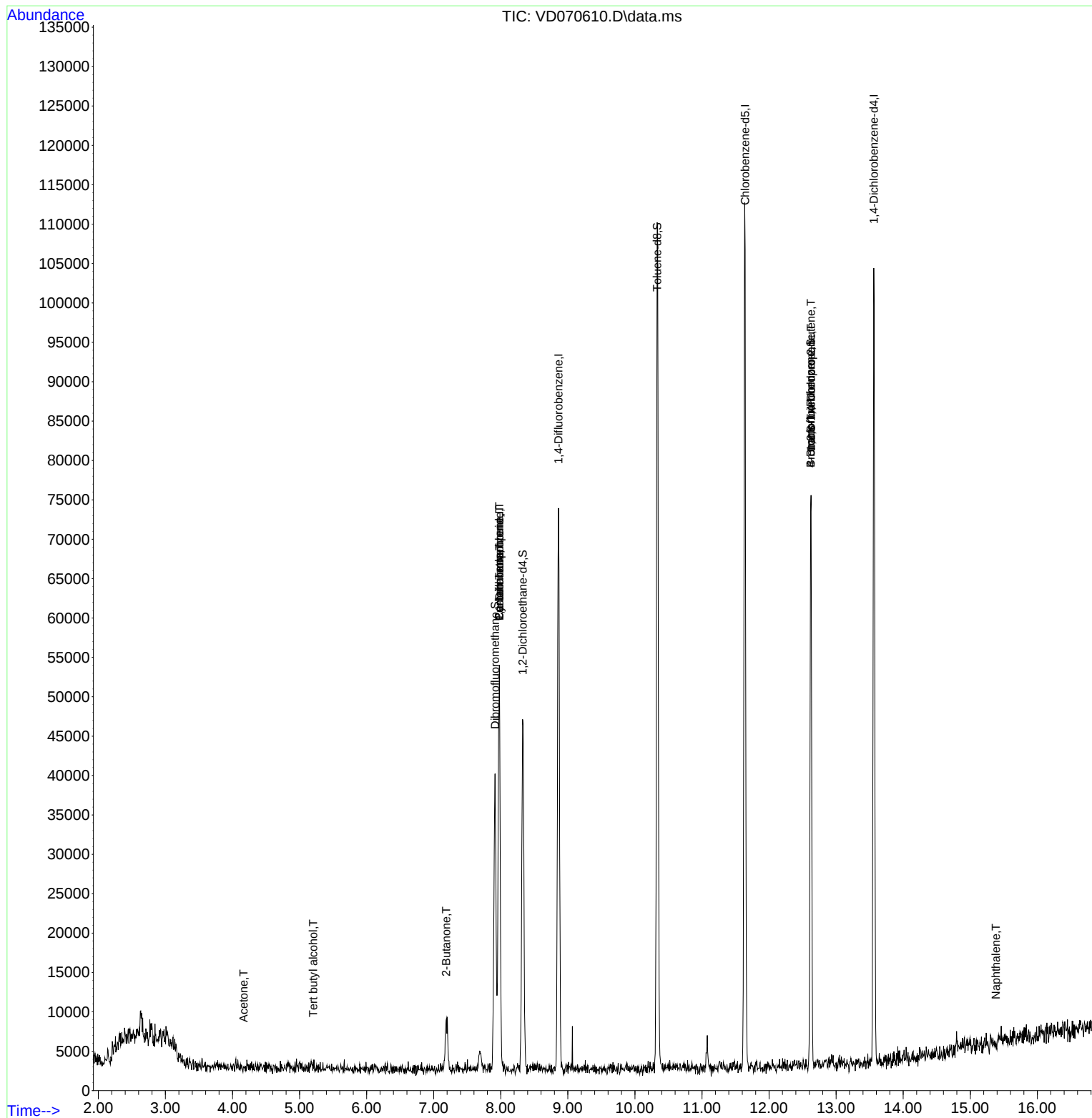
Internal Standards						
1) Pentafluorobenzene	7.979	168	35790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	67641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	27421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	34626	82.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 164.42%#			
35) Dibromofluoromethane	7.914	113	26028	61.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.56%			
50) Toluene-d8	10.331	98	78904	48.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.98%			
62) 4-Bromofluorobenzene	12.620	95	25214	46.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.68%			
Target Compounds						
5) Bromomethane	2.779	94	1036	Below Cal	#	50
11) Tert butyl alcohol	5.202	59	159	7.62	ug/l #	83
16) Acetone	4.167	43	167	2.33	ug/l #	40
20) Methylene Chloride	4.967	84	276	Below Cal	#	37
25) 2-Butanone	7.185	43	102	1.09	ug/l #	43
31) Cyclohexane	7.979	56	958	1.23	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	3200	4.75	ug/l #	45
38) Carbon Tetrachloride	7.979	117	4519	6.42	ug/l #	12
71) Bromoform	12.620	173	319	1.27	ug/l #	1
76) 1,2,3-Trichloropropane	12.625	75	12417	50.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	12417	111.08	ug/l #	17
95) Naphthalene	15.384	128	160	2.66	ug/l #	69

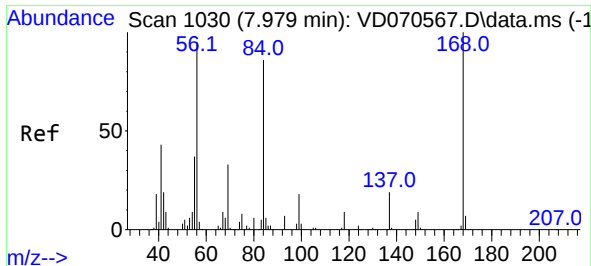
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

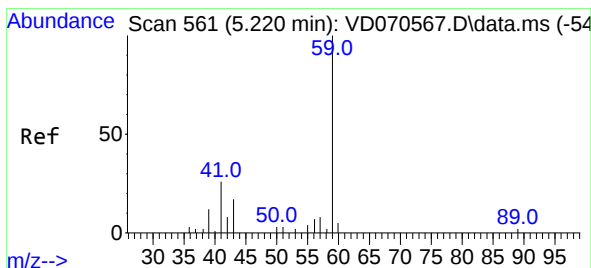
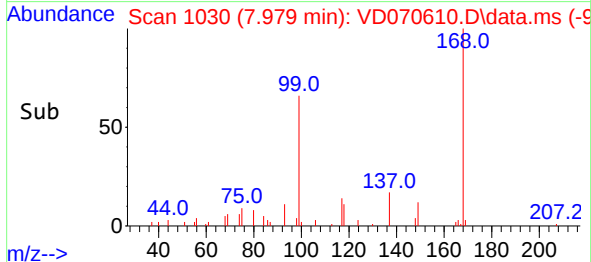
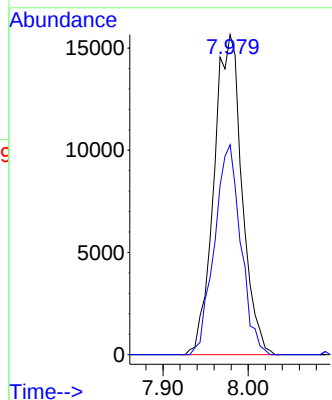
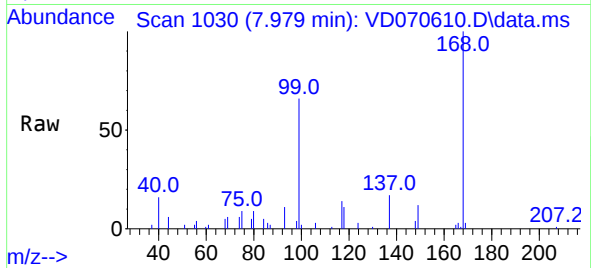




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

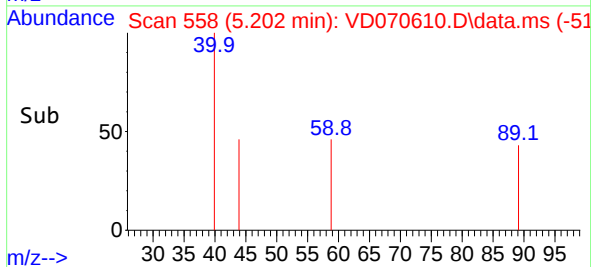
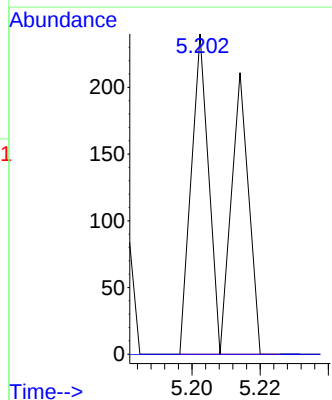
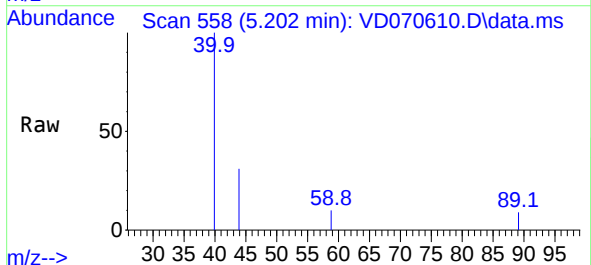
Instrument :
MSVOA_D
ClientSampled :
S-2

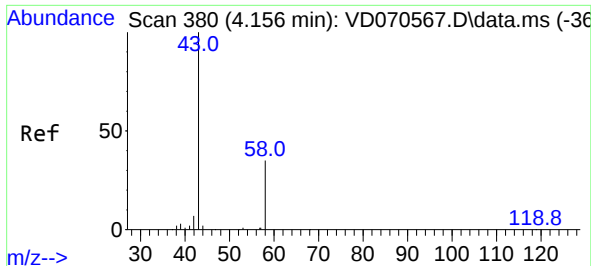
Tgt Ion:168 Resp: 35790
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0



#11
Tert butyl alcohol
Concen: 7.62 ug/l
RT: 5.202 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

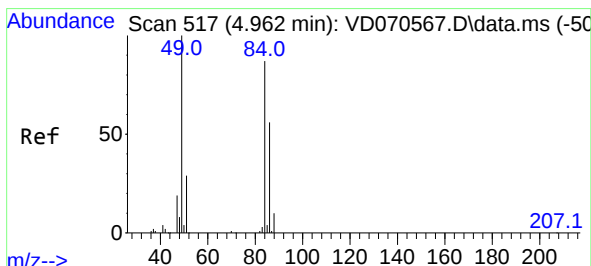
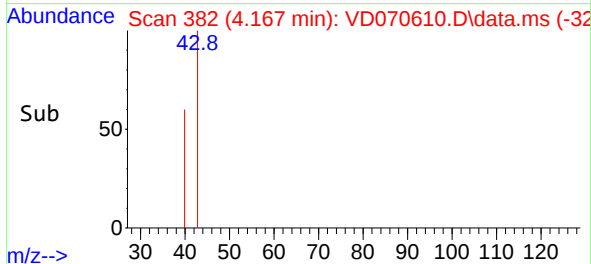
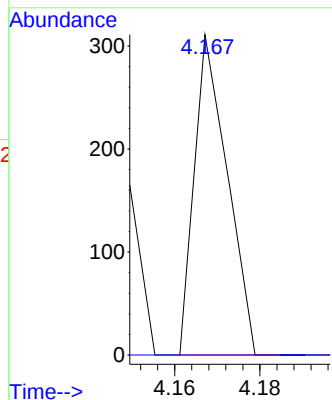
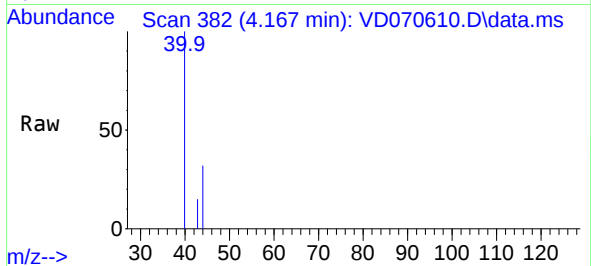




#16
Acetone
Concen: 2.33 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

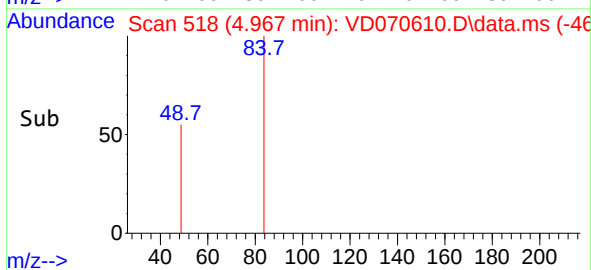
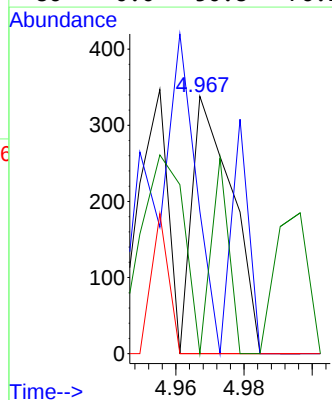
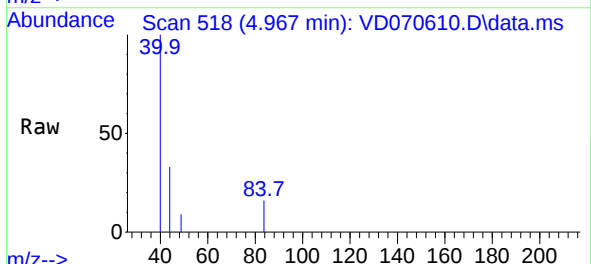
Instrument :
MSVOA_D
ClientSampled :
S-2

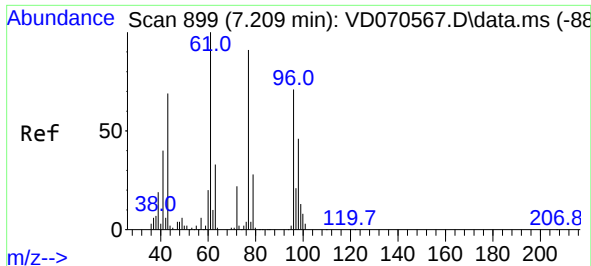
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 84 Resp: 276
Ion Ratio Lower Upper
84 100
49 55.3 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

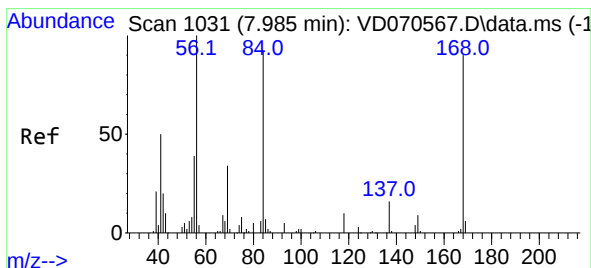
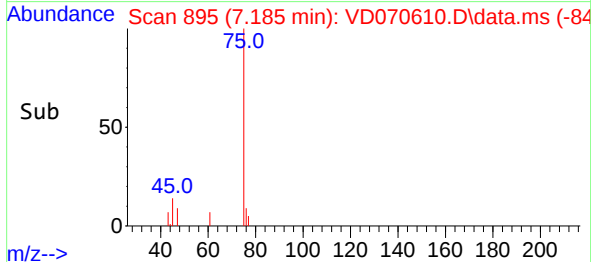
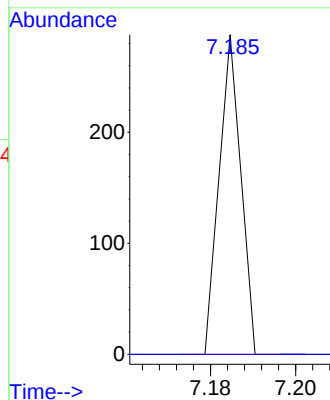
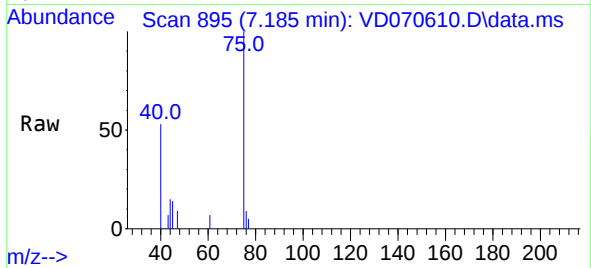




#25
2-Butanone
Concen: 1.09 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

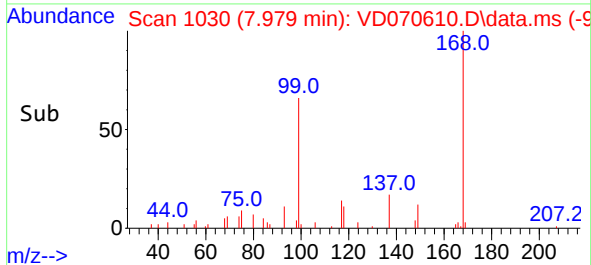
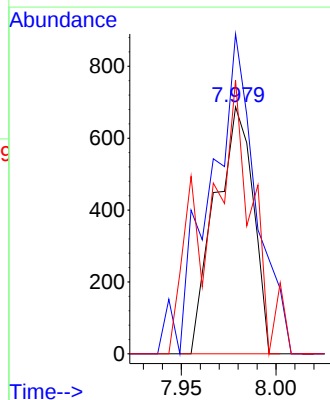
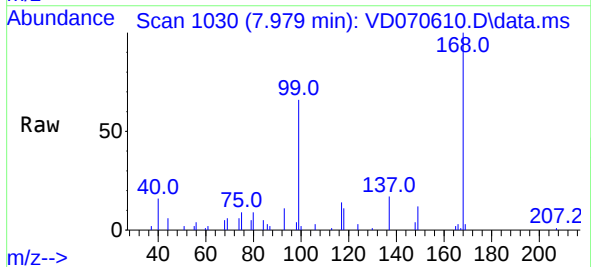
Instrument :
MSVOA_D
ClientSampled :
S-2

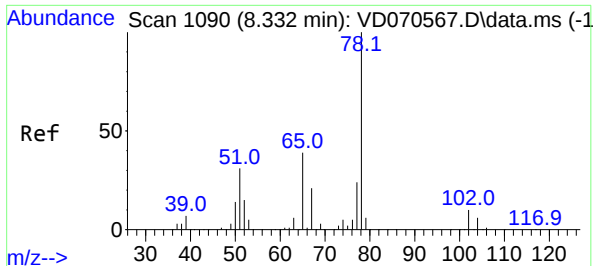
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 56 Resp: 958
Ion Ratio Lower Upper
56 100
69 129.5 27.4 41.2#
84 82.1 73.6 110.4

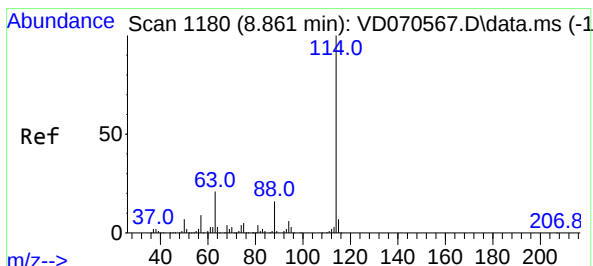
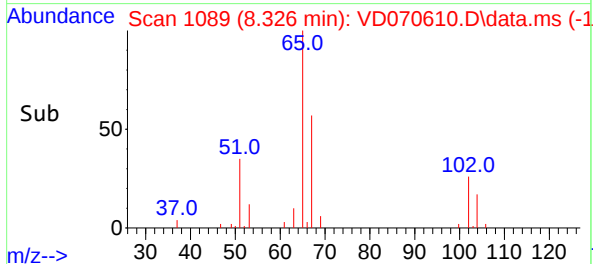
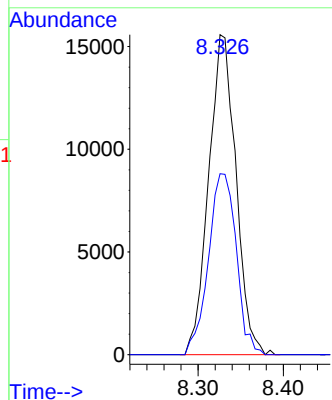
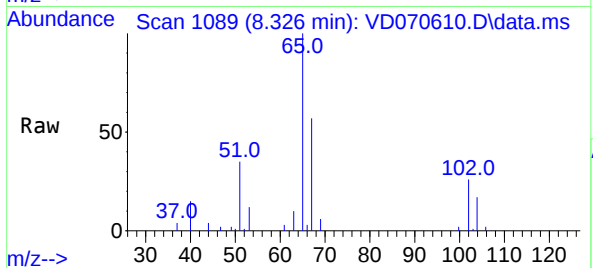




#33
1,2-Dichloroethane-d4
Concen: 82.21 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

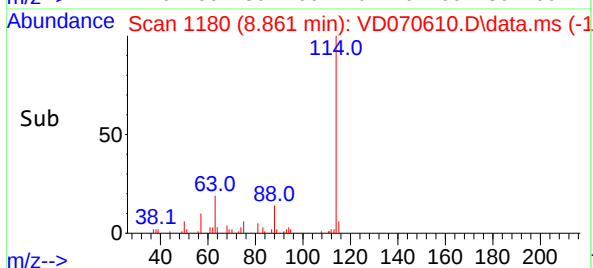
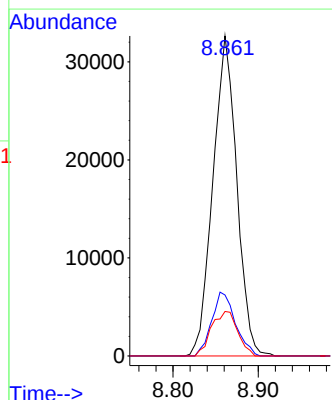
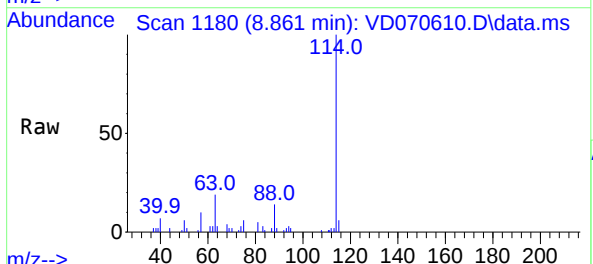
Instrument :
MSVOA_D
ClientSampled :
S-2

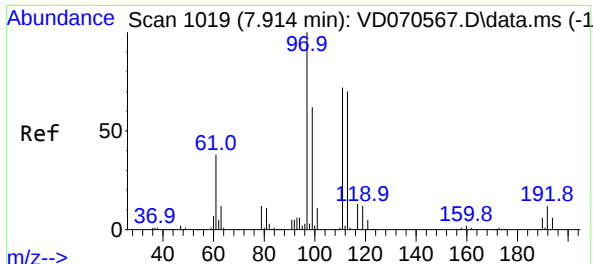
Tgt Ion: 65 Resp: 34626
Ion Ratio Lower Upper
65 100
67 57.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 114 Resp: 63370
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 13.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 61.78 ug/l

RT: 7.914 min Scan# 1019

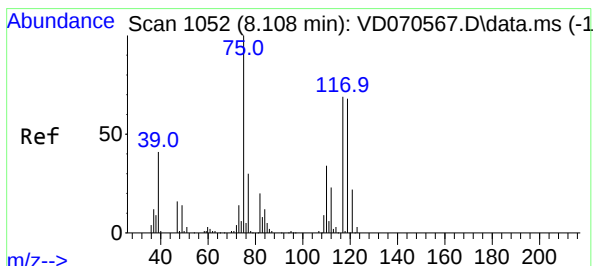
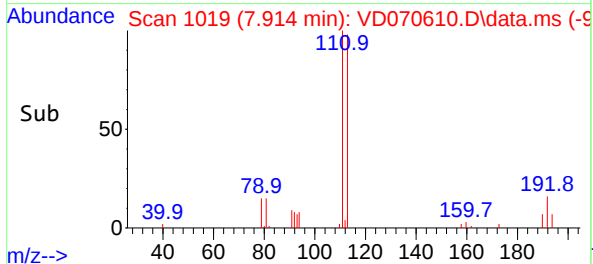
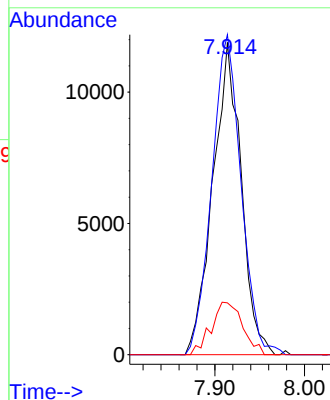
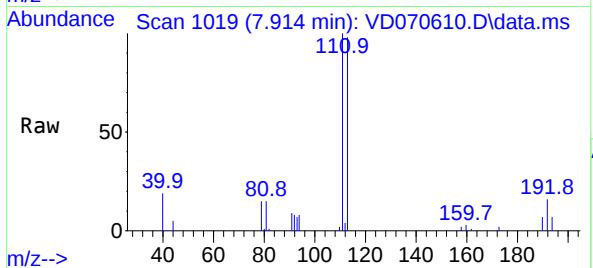
Delta R.T. -0.000 min

Lab File: VD070610.D

Acq: 07 Oct 2021 11:44

Tgt Ion:	113	Resp:	26028
Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.1	124.7
192	18.6	12.7	19.1

Instrument :
MSVOA_D
ClientSampled :
S-2



#36

1,1-Dichloropropene

Concen: 4.75 ug/l

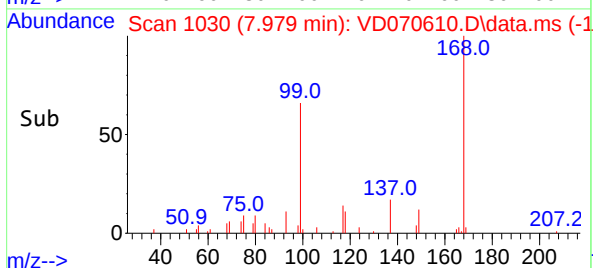
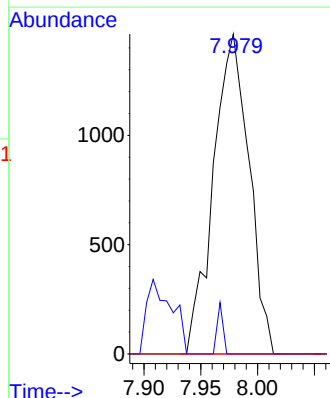
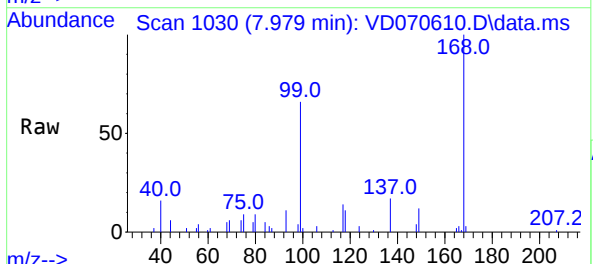
RT: 7.979 min Scan# 1030

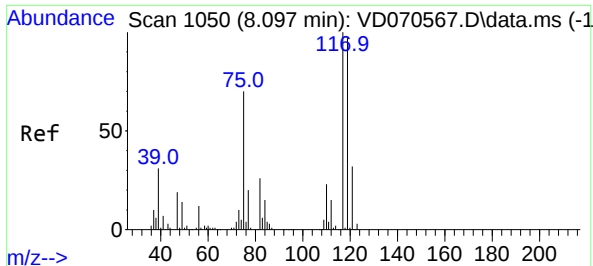
Delta R.T. -0.130 min

Lab File: VD070610.D

Acq: 07 Oct 2021 11:44

Tgt Ion:	75	Resp:	3200
Ion	Ratio	Lower	Upper
75	100		
110	2.6	17.2	51.6#
77	0.0	24.2	36.4#

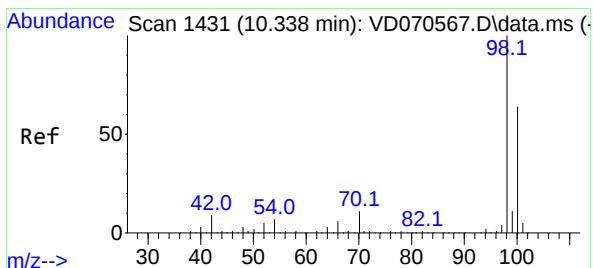
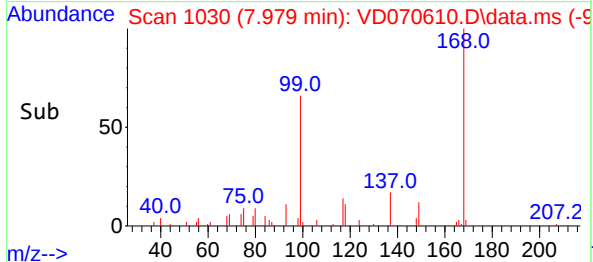
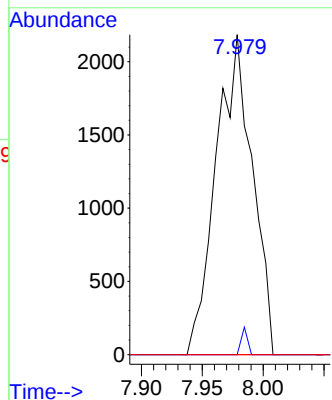
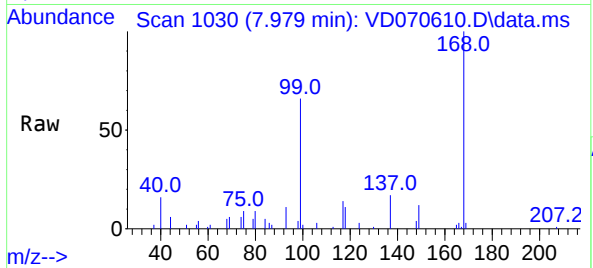




#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

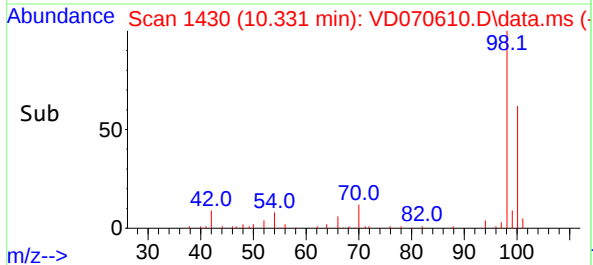
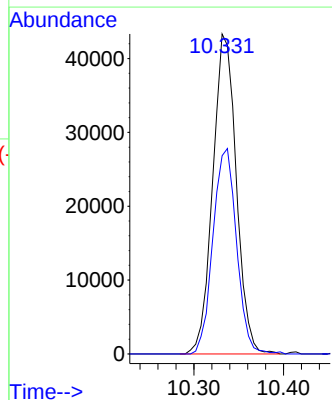
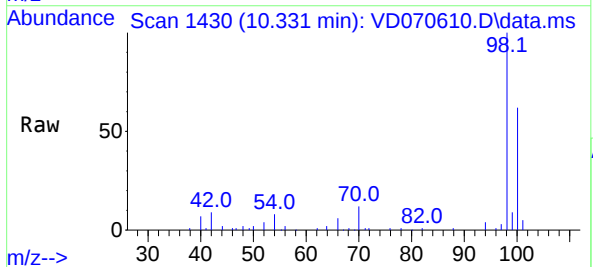
Instrument :
MSVOA_D
ClientSampled :
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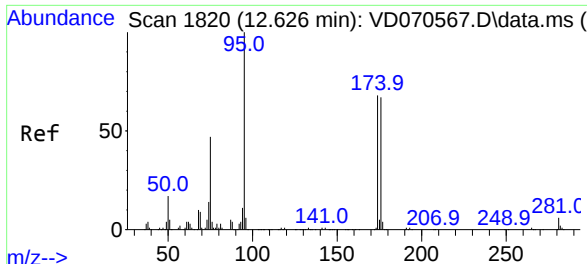
Tgt Ion:117 Resp: 4519
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.99 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 98 Resp: 78904
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4

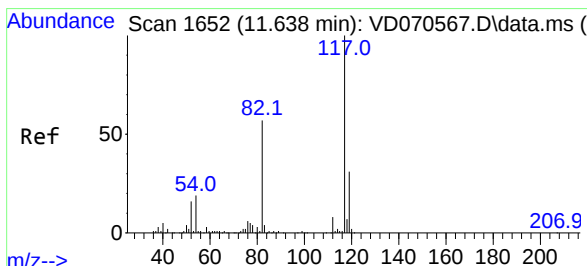
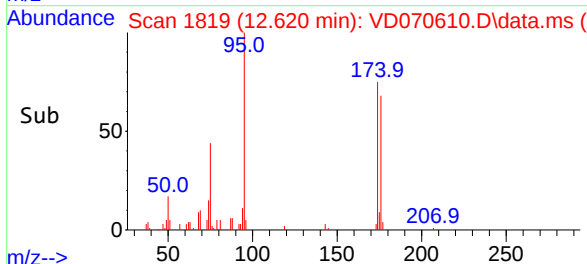
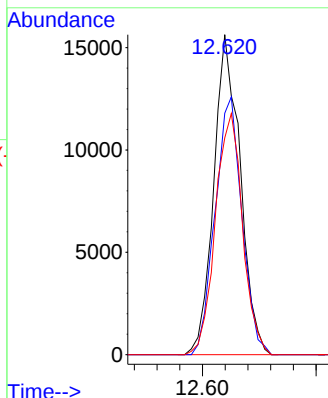
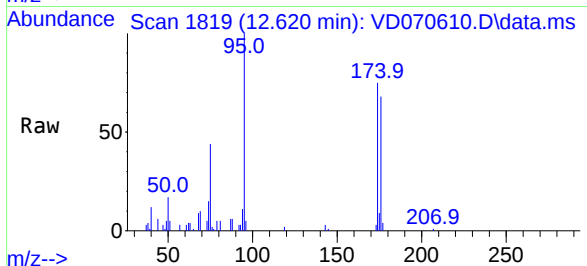




#62
4-Bromofluorobenzene
Concen: 46.84 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

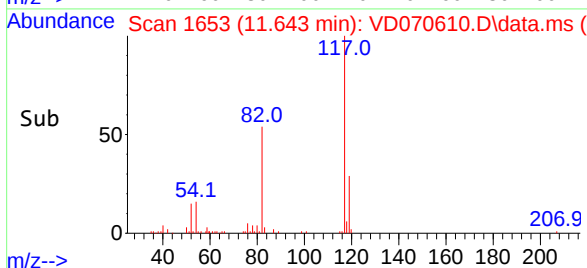
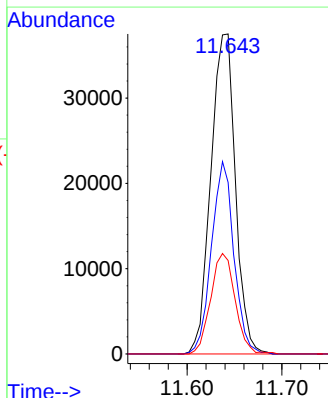
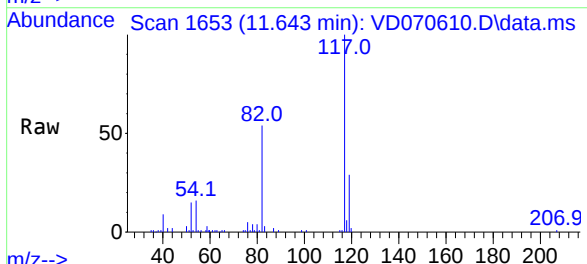
Instrument :
MSVOA_D
ClientSampleId :
S-2

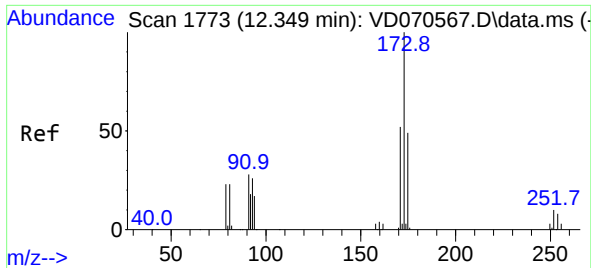
Tgt Ion:	95	Resp:	25214
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	138.0
176	77.5	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion:	117	Resp:	67641
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.2
119	29.2	24.7	37.1

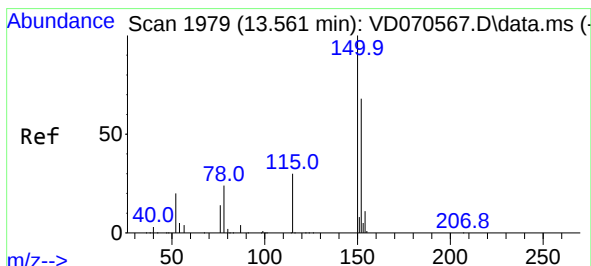
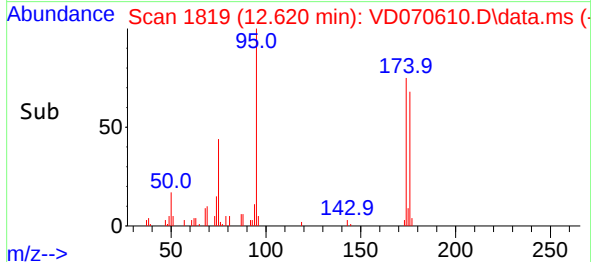
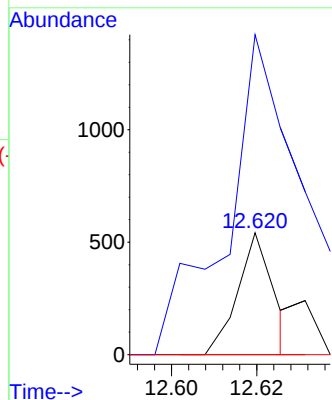
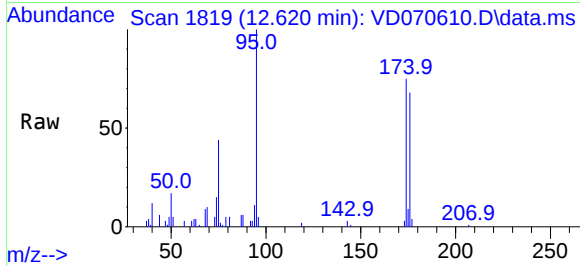




#71
Bromoform
Concen: 1.27 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.270 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

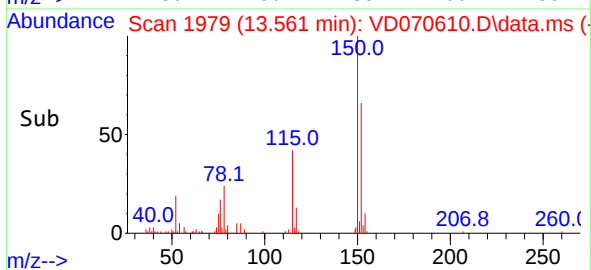
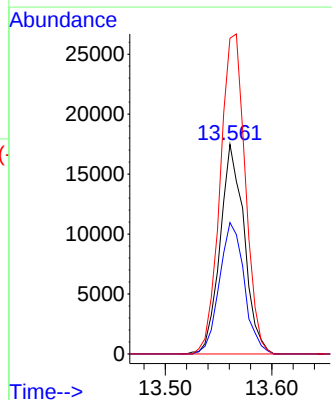
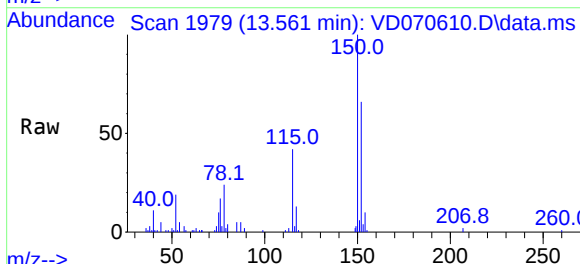
Instrument :
MSVOA_D
ClientSampleId :
S-2

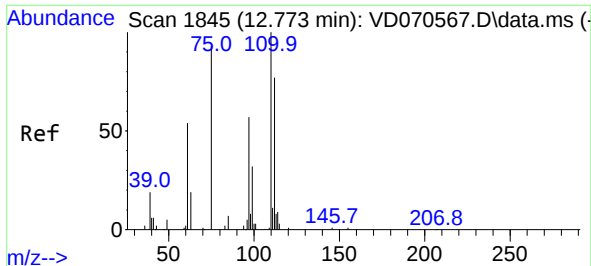
Tgt Ion:173 Resp: 319
Ion Ratio Lower Upper
173 100
175 405.6 24.4 73.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion:152 Resp: 27421
Ion Ratio Lower Upper
152 100
115 64.7 31.9 95.7
150 158.9 0.0 350.0

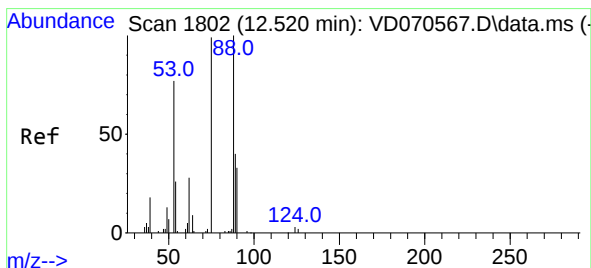
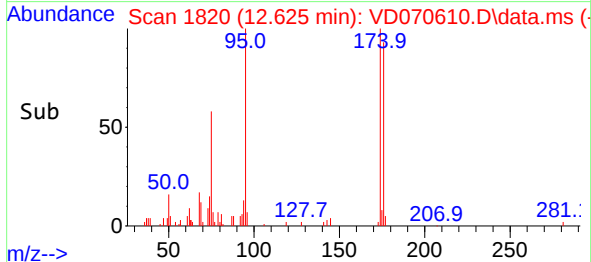
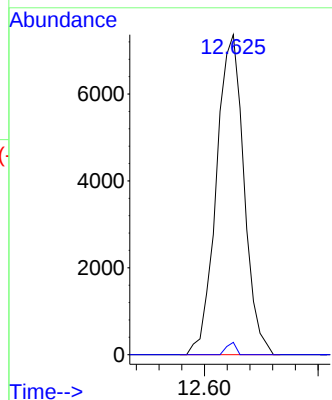
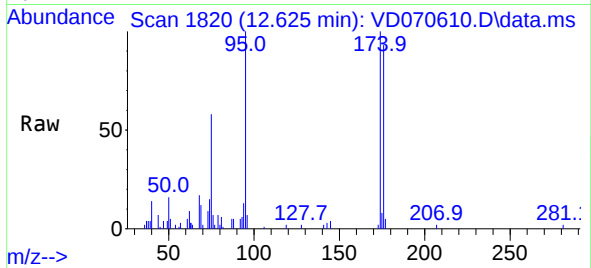




#76
1,2,3-Trichloropropane
Concen: 50.03 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

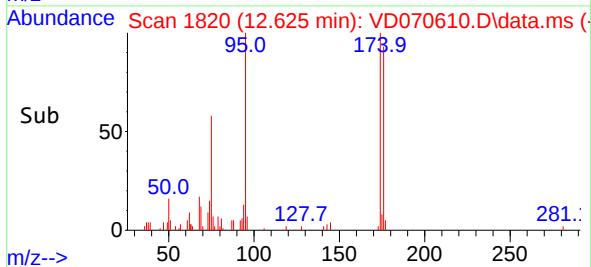
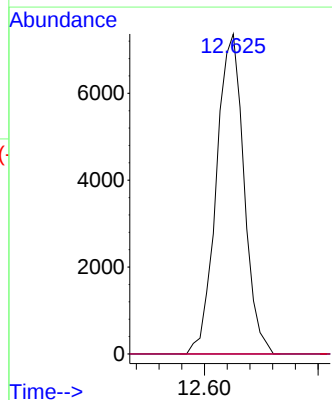
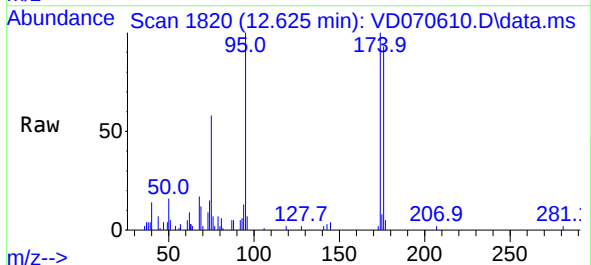
Instrument :
MSVOA_D
ClientSampleId :
S-2

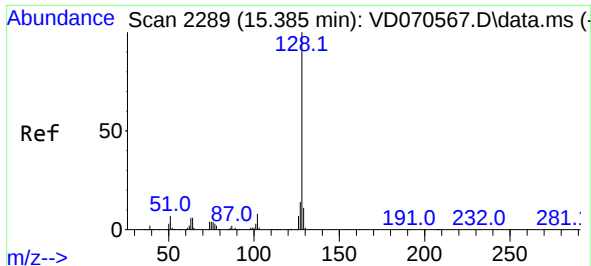
Tgt Ion: 75 Resp: 12417
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.08 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

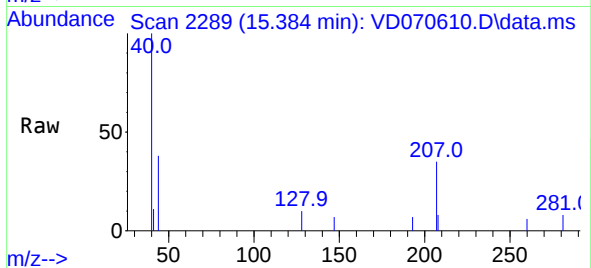
Tgt Ion: 75 Resp: 12417
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.66 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Instrument :
MSVOA_D
ClientSampleId :
S-2



Tgt Ion:	128	Resp:	160
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.6	12.8#

