

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070614.D
 Acq On : 07 Oct 2021 13:53
 Operator : VA/SY
 Sample : M4107-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-100621

Quant Time: Oct 08 04:51:40 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	322725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	604751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	563910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184314	48.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.06%
35) Dibromofluoromethane	7.914	113	207612	51.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.28%
50) Toluene-d8	10.337	98	782331	50.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.626	95	217661	42.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.74%

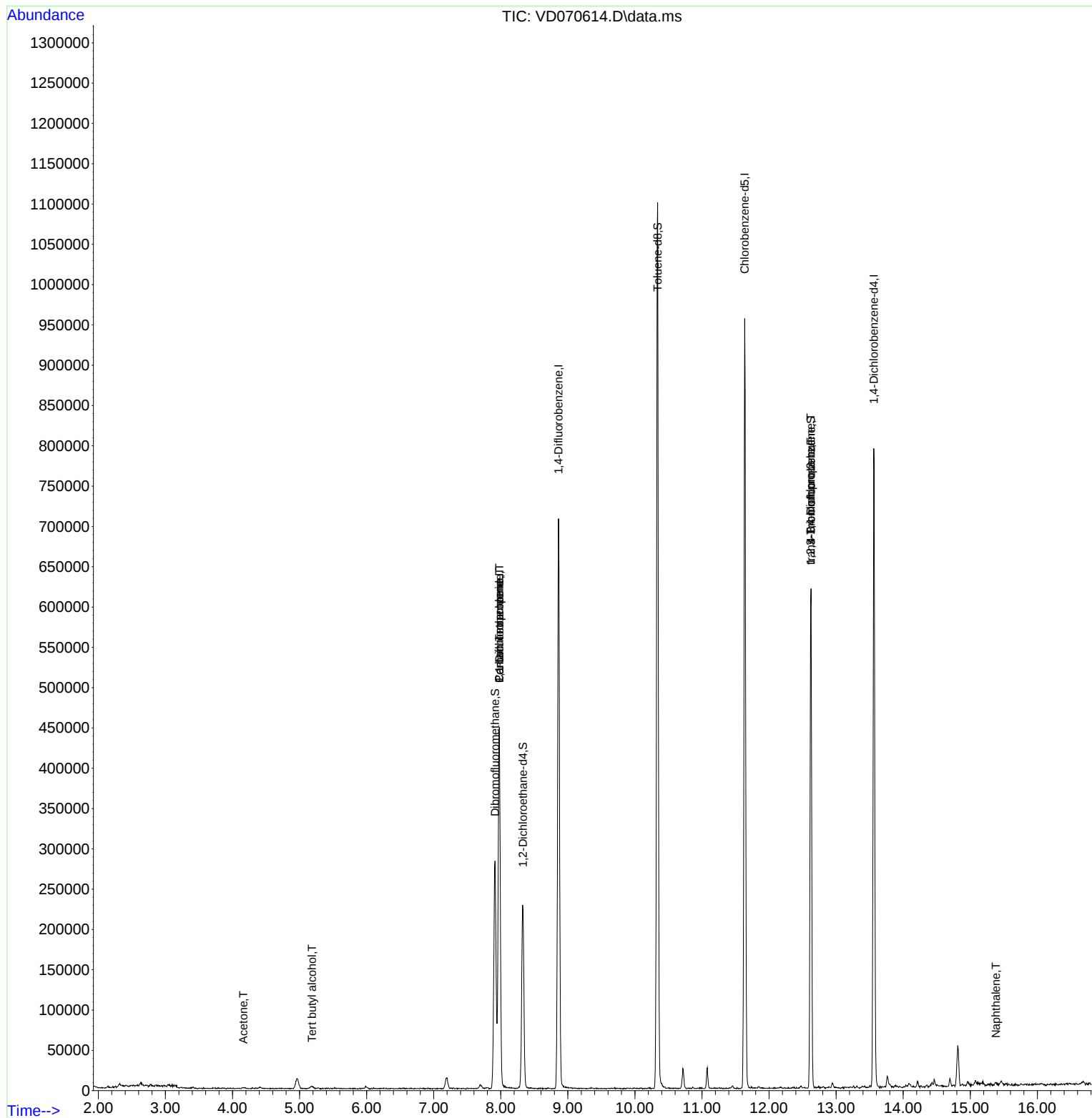
Target Compounds					Qvalue
5) Bromomethane	2.785	94	1004	Below Cal	# 58
11) Tert butyl alcohol	5.185	59	2842	15.11 ug/l	# 83
16) Acetone	4.161	43	1737	2.69 ug/l	# 40
20) Methylene Chloride	4.967	84	10992	Below Cal	# 82
36) 1,1-Dichloropropene	7.979	75	26952	4.20 ug/l	# 50
38) Carbon Tetrachloride	7.979	117	32974	4.91 ug/l	# 18
59) 2-Hexanone	10.984	43	328	Below Cal	# 20
76) 1,2,3-Trichloropropane	12.620	75	104096	53.48 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	104096	118.75 ug/l	# 17
95) Naphthalene	15.384	128	3486	2.98 ug/l	# 89

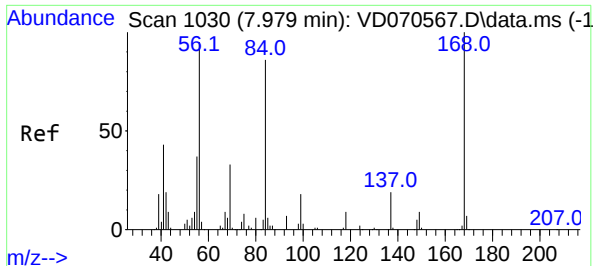
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 08 04:51:40 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

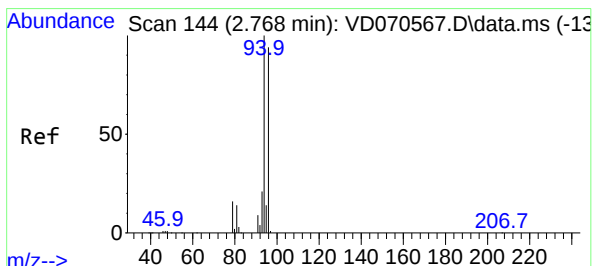
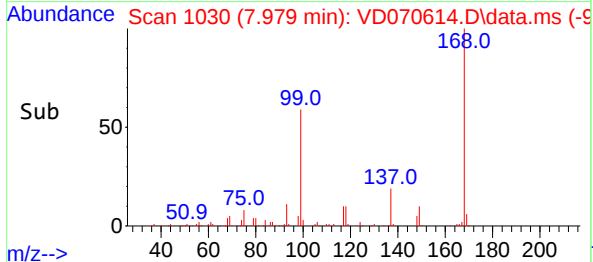
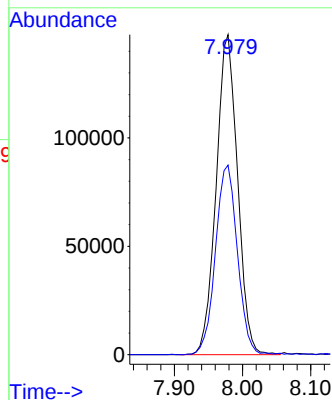
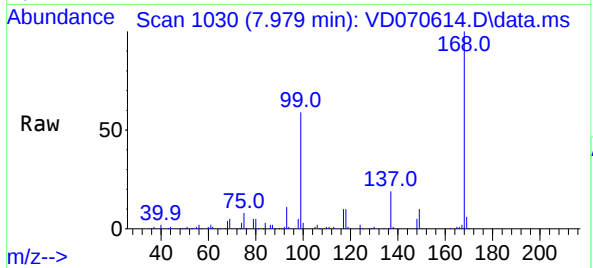




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

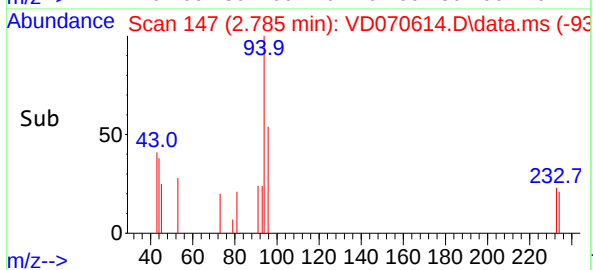
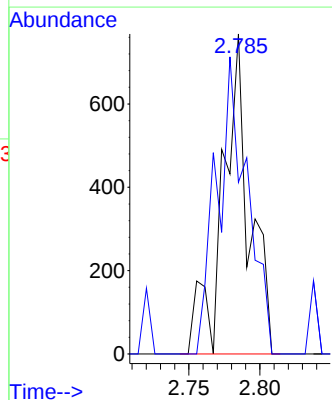
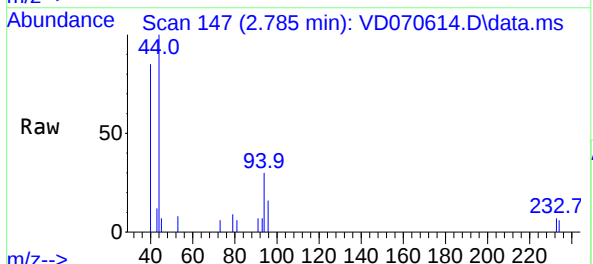
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

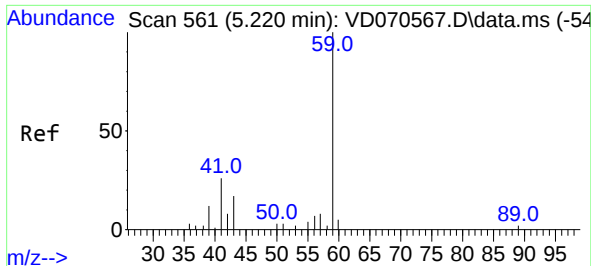
Tgt Ion:168 Resp: 322725
Ion Ratio Lower Upper
168 100
99 59.2 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 94 Resp: 1004
Ion Ratio Lower Upper
94 100
96 53.6 75.5 113.3#

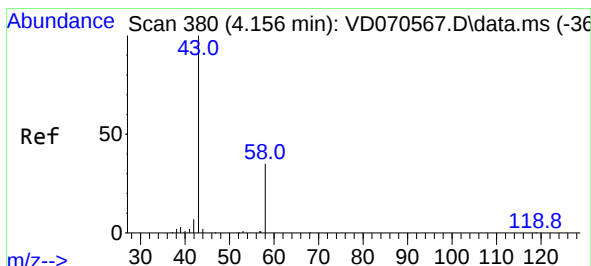
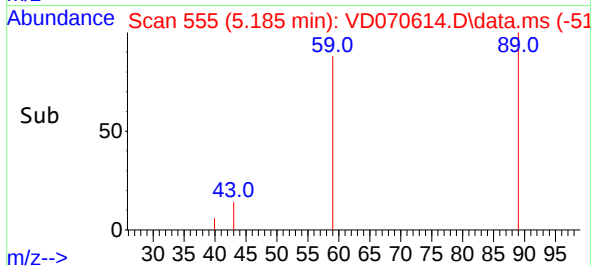
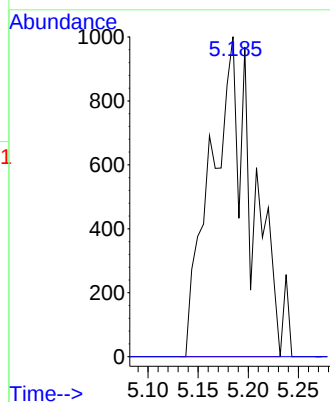
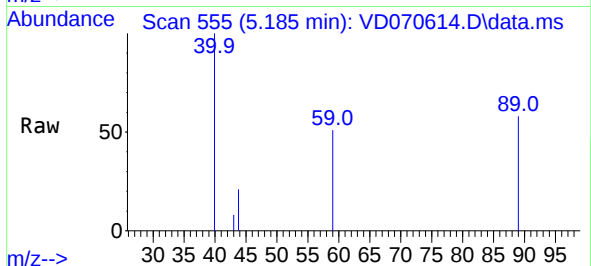




#11
Tert butyl alcohol
Concen: 15.11 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

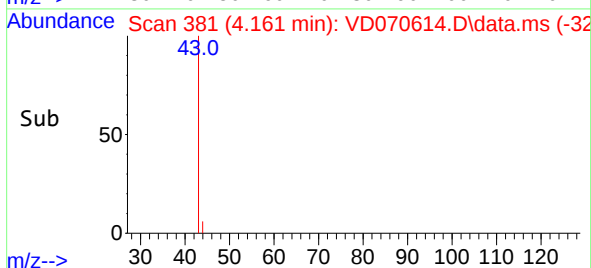
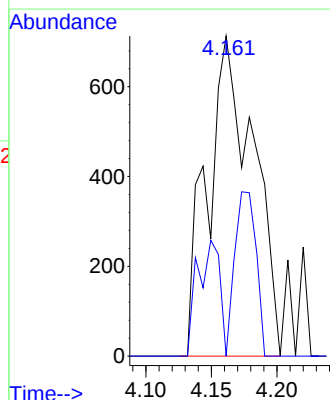
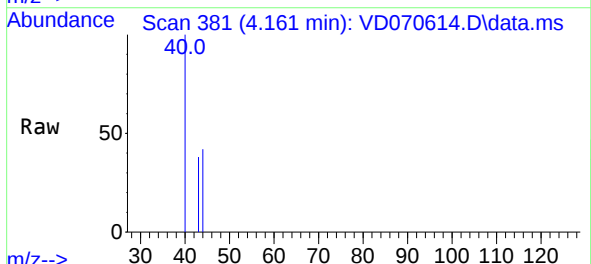
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

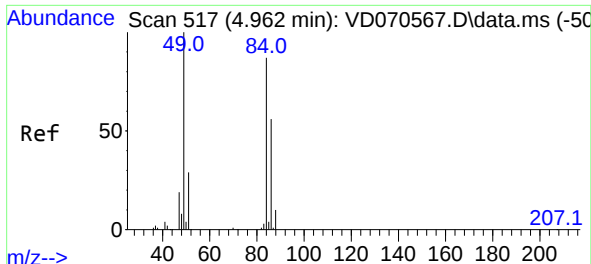
Tgt Ion: 59 Resp: 2842
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#16
Acetone
Concen: 2.69 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



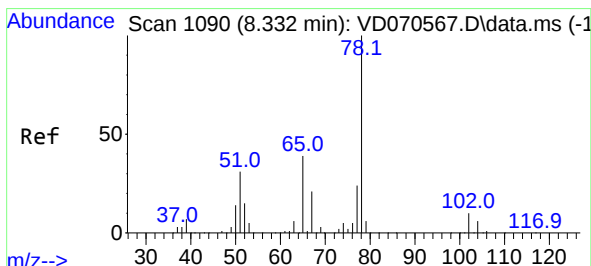
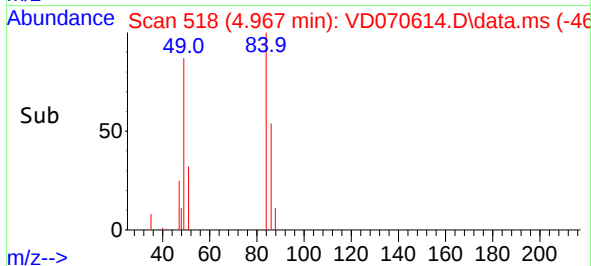
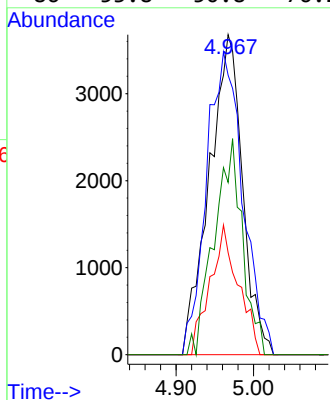
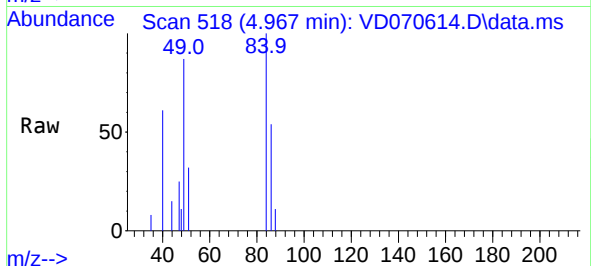


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

Tgt Ion: 84 Resp: 10992

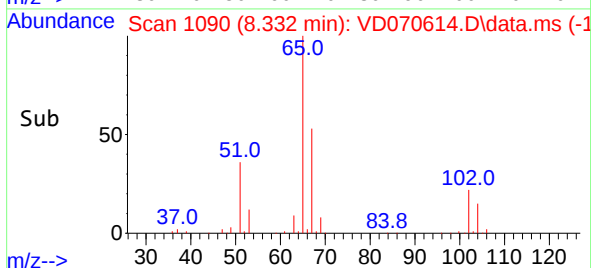
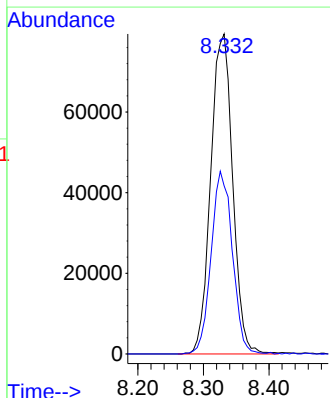
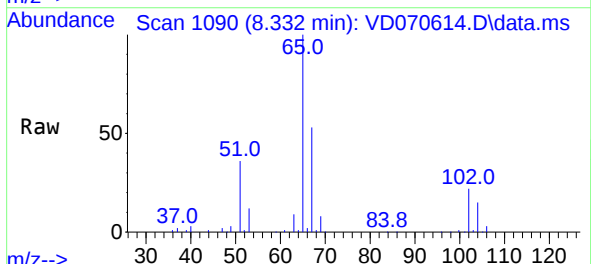
Ion	Ratio	Lower	Upper
84	100		
49	87.3	91.4	137.2#
51	31.9	26.7	40.1
86	53.8	50.8	76.2

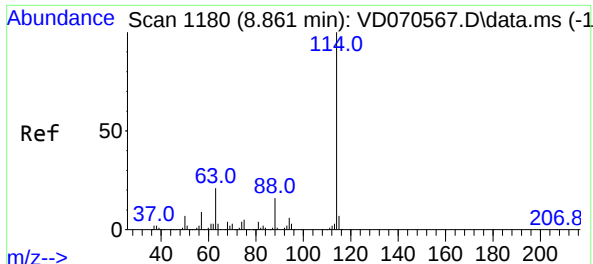


#33
1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 65 Resp: 184314

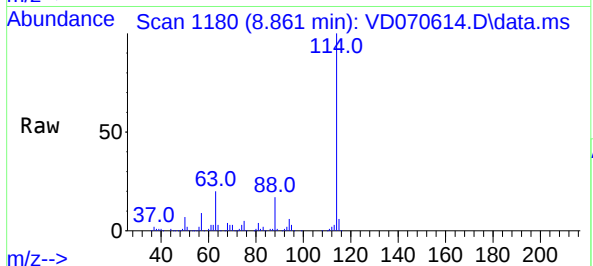
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.2



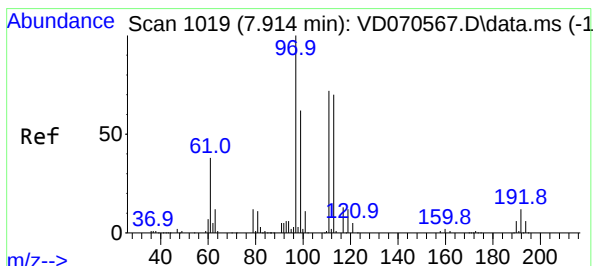
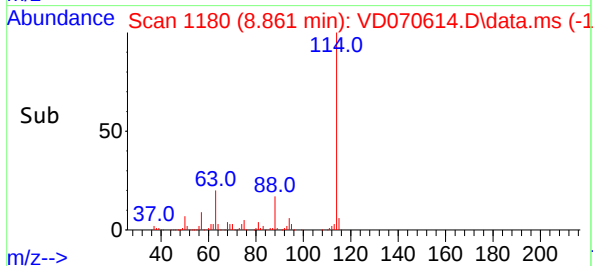
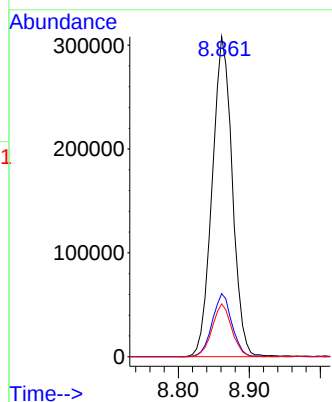


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

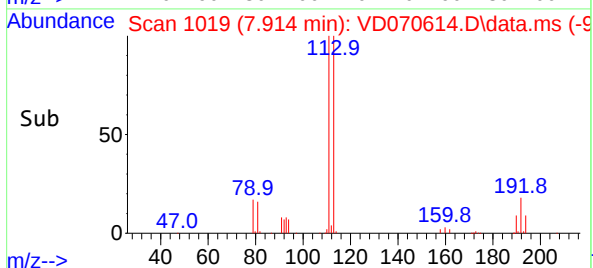
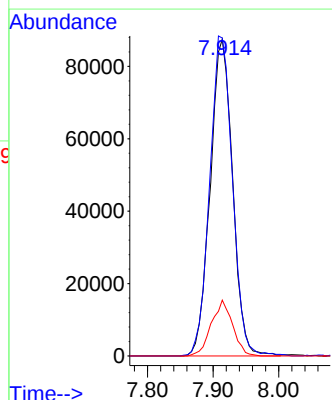
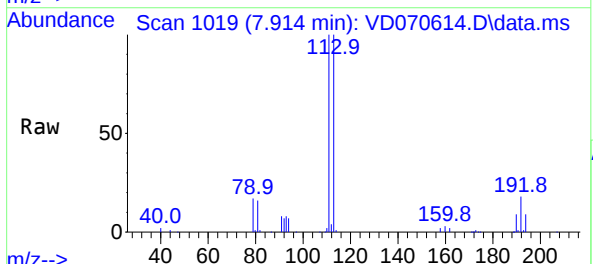


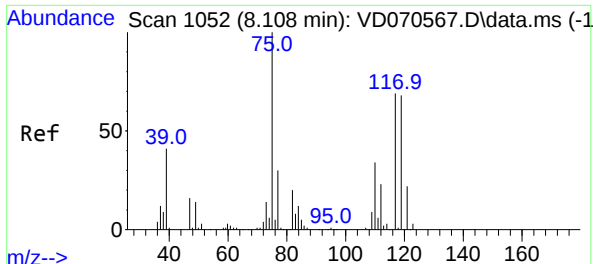
Tgt Ion:114 Resp: 604751
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion:113 Resp: 207612
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.8 12.7 19.1



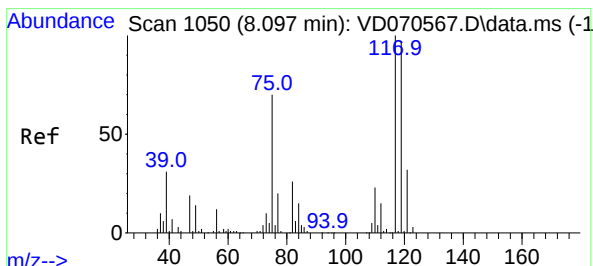
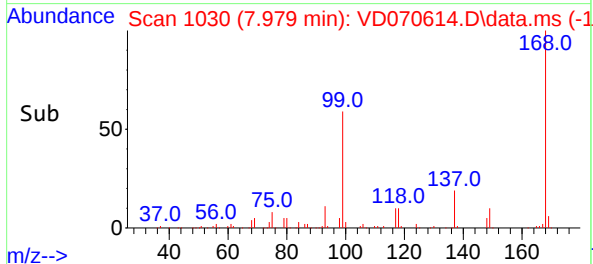
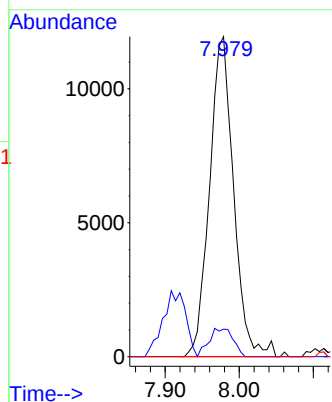
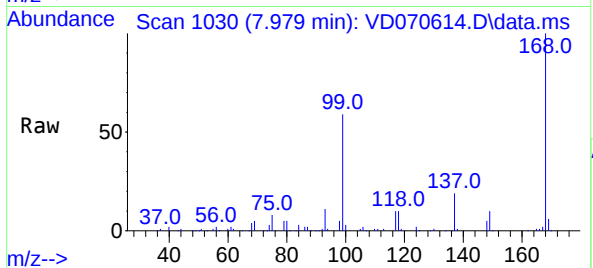


#36

1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

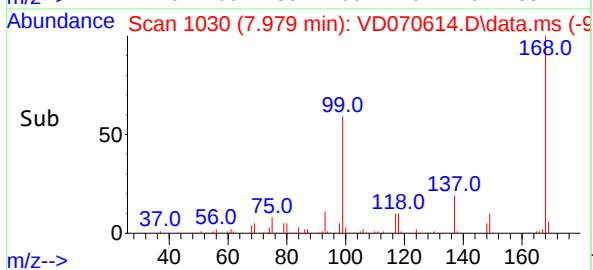
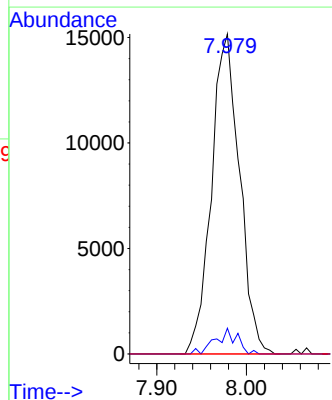
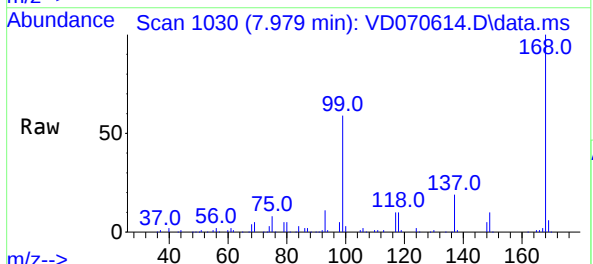
Tgt Ion: 75 Resp: 26952
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.2 36.4#

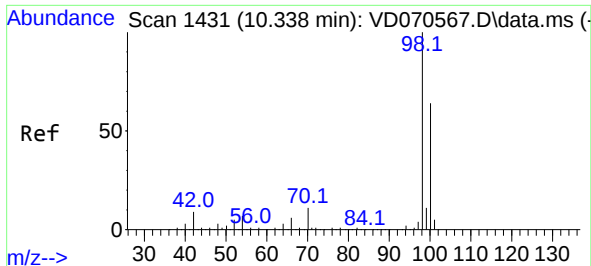


#38

Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 117 Resp: 32974
Ion Ratio Lower Upper
117 100
119 8.1 77.4 116.0#
121 0.0 25.4 38.0#

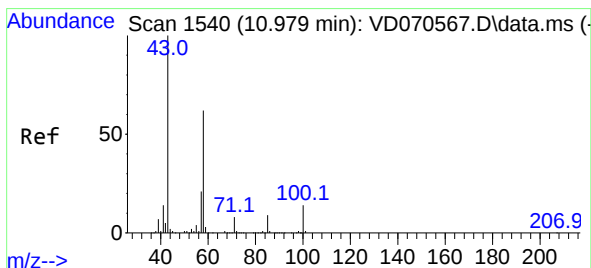
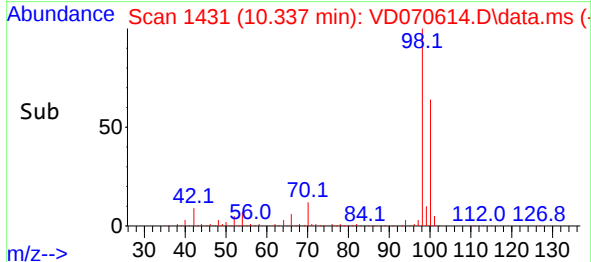
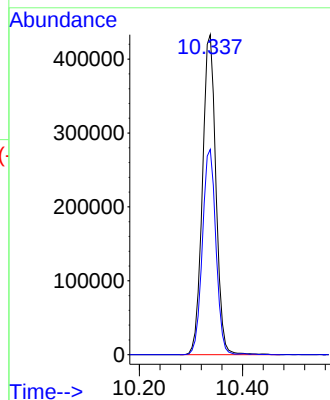
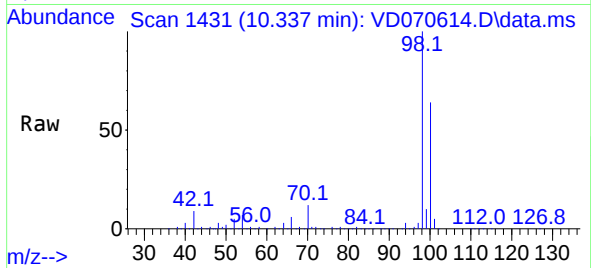




#50
Toluene-d8
Concen: 50.90 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

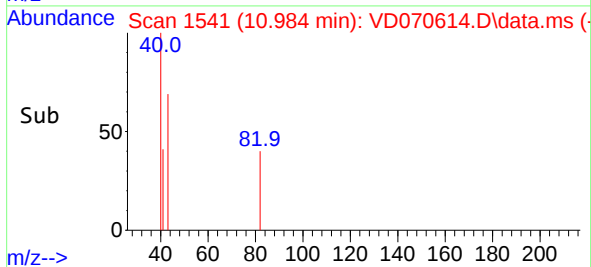
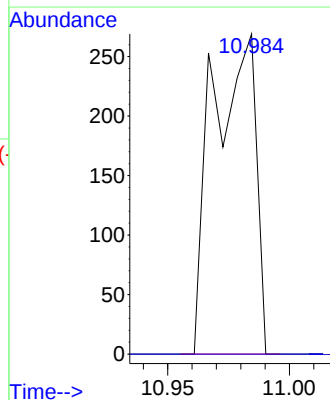
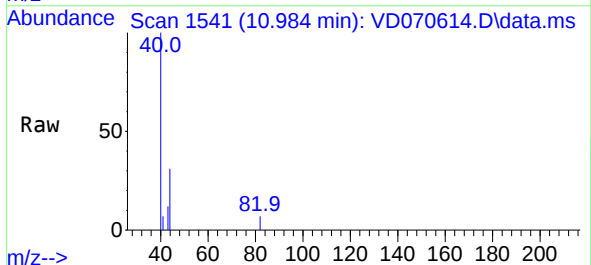
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MSVOA_D
ClientSampleId :
OK-01-100621

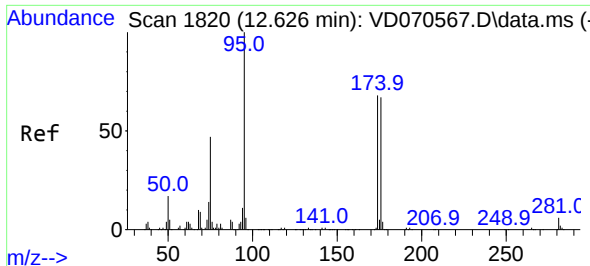
Tgt Ion: 98 Resp: 782331
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#59
2-Hexanone
Concen: Below Cal
RT: 10.984 min Scan# 1541
Delta R.T. 0.005 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



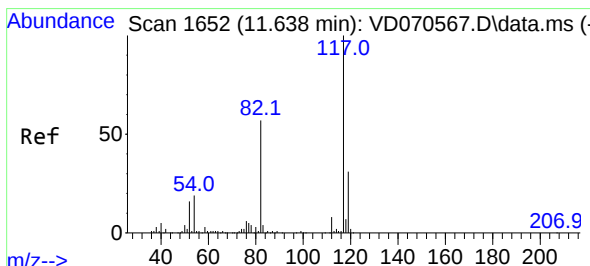
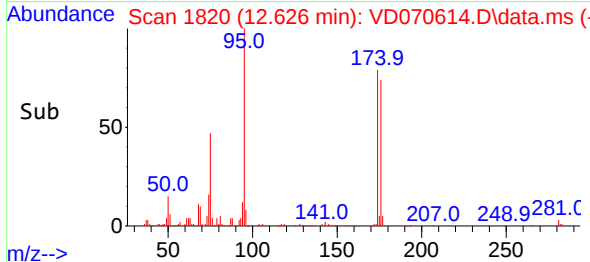
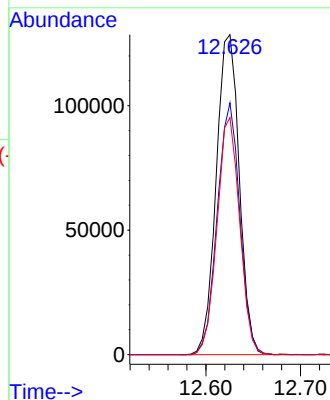
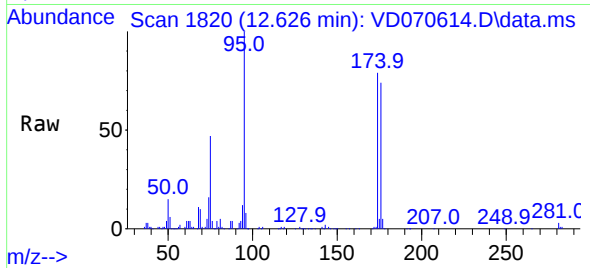


#62
4-Bromofluorobenzene
Concen: 42.37 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

Tgt Ion: 95 Resp: 217661

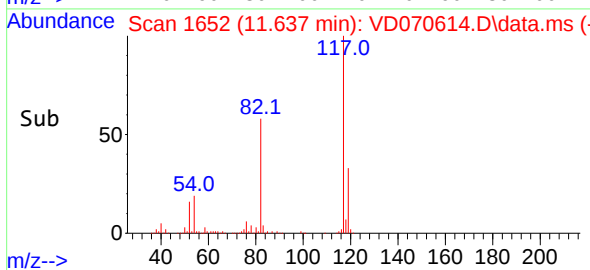
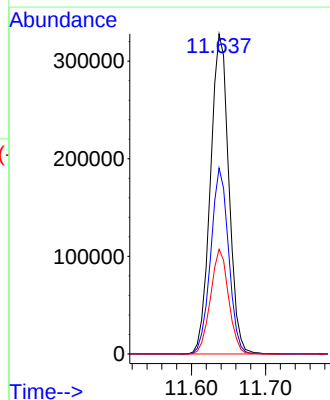
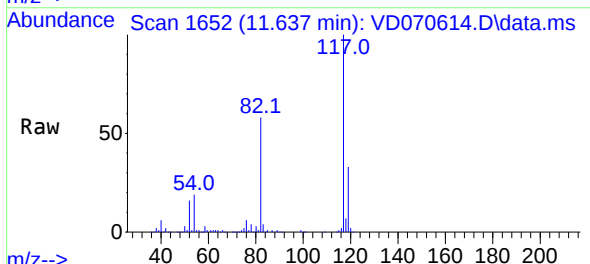
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	138.0
176	72.6	0.0	135.6

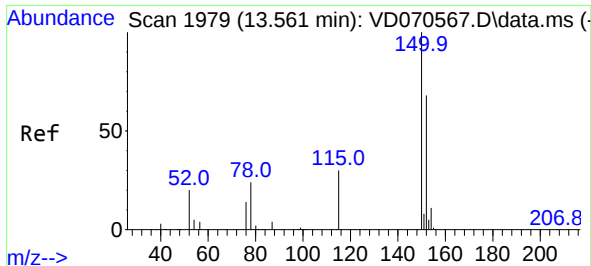


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 117 Resp: 563910

Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.4	68.2
119	32.7	24.7	37.1

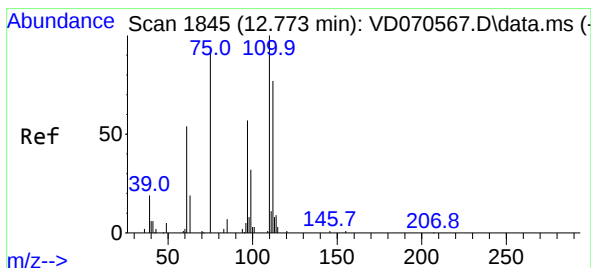
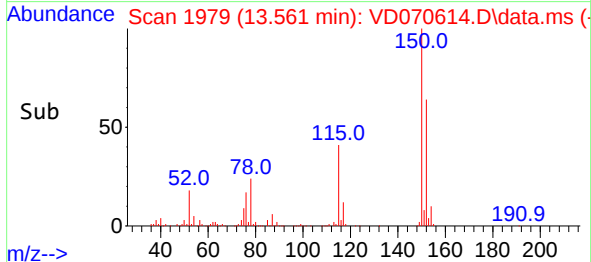
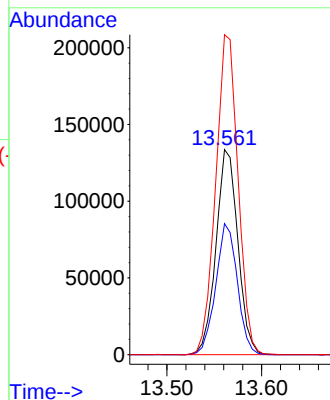
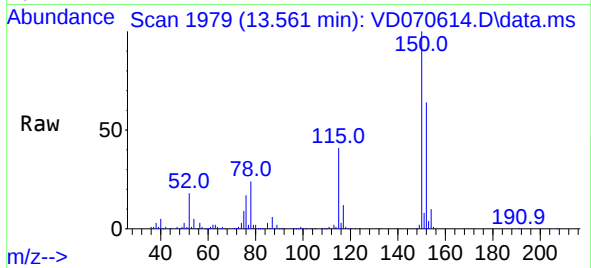




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

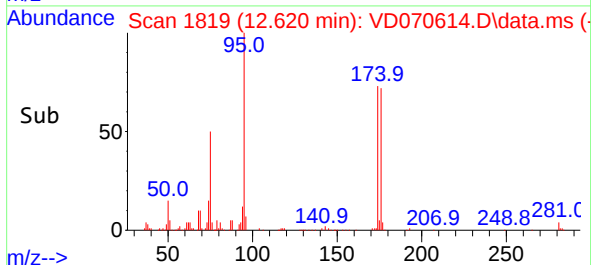
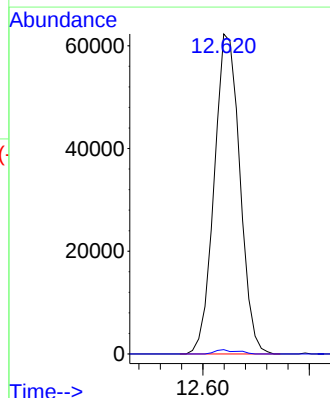
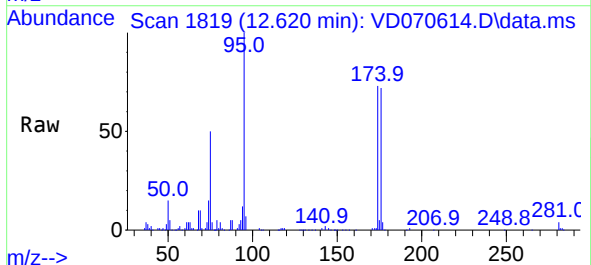
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

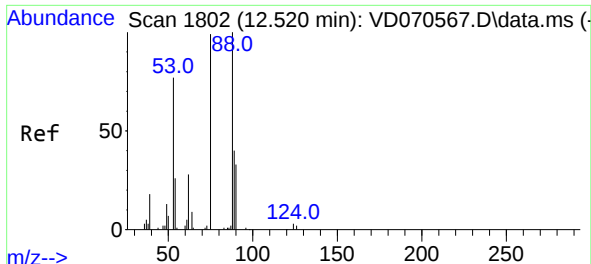
Tgt Ion:152 Resp: 215032
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 159.1 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 53.48 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 75 Resp: 104096
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

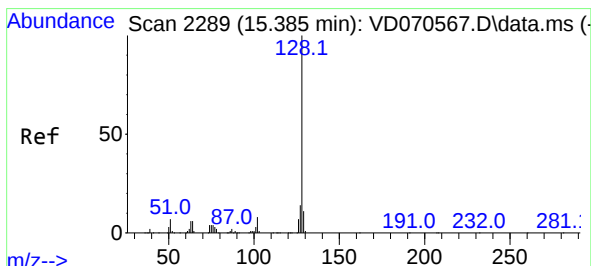
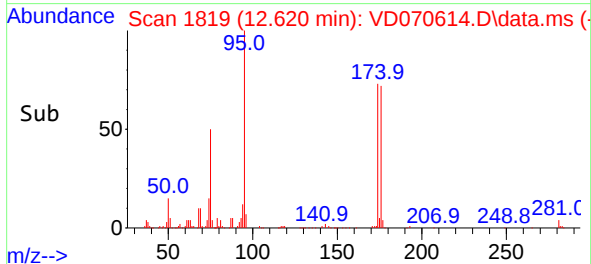
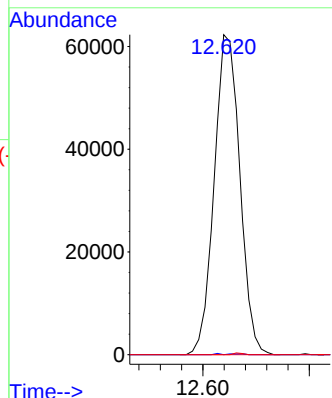
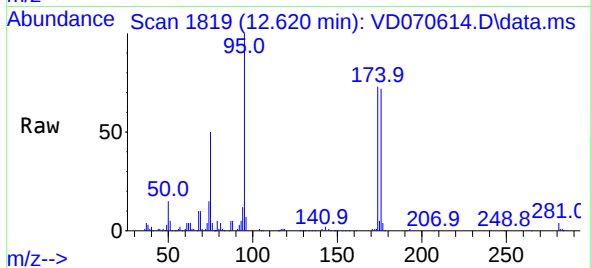




#81
trans-1,4-Dichloro-2-butene
Concen: 118.75 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

Tgt Ion: 75 Resp: 104096
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.98 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion: 128 Resp: 3486
Ion Ratio Lower Upper
128 100
127 16.1 10.9 16.3
129 4.6 8.6 12.8#

