

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070247.D
 Acq On : 25 Aug 2021 13:17
 Operator : VA/SY
 Sample : M3465-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CON-A

Quant Time: Aug 25 14:46:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

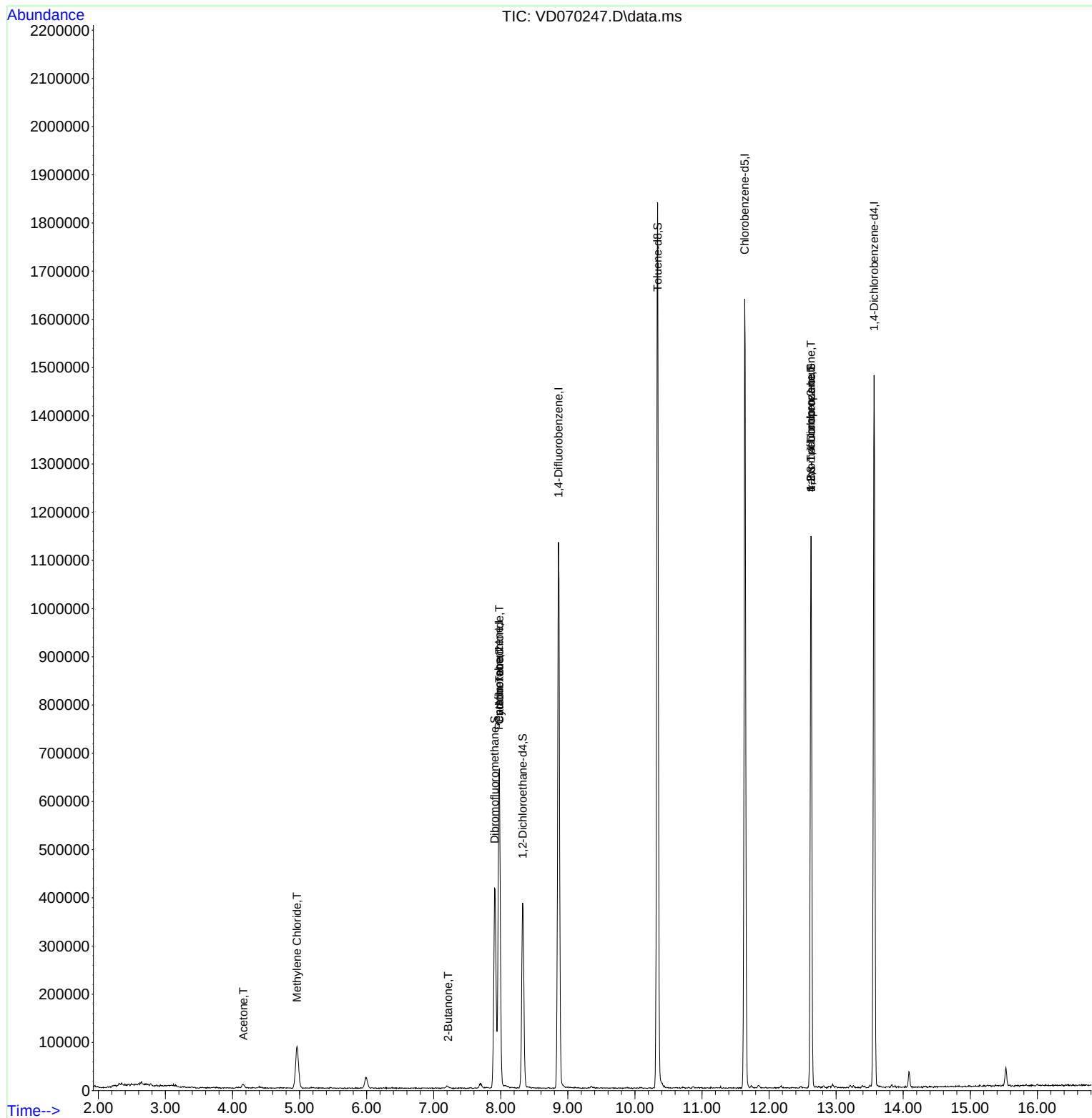
Internal Standards						
1) Pentafluorobenzene	7.973	168	465848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	950294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	922995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	389585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	301942	55.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.908	113	306308	49.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.338	98	1243698	52.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	383936	48.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.620%
Target Compounds						
2) Dichlorodifluoromethane	1.985	85	1383	Below Cal	Qvalue	75
3) Chloromethane	2.209	50	2046	Below Cal	#	73
5) Bromomethane	2.779	94	2918	Below Cal		84
16) Acetone	4.162	43	13607	13.481	ug/l	90
20) Methylene Chloride	4.961	84	68484	2.156	ug/l	95
25) 2-Butanone	7.214	43	1531	1.110	ug/l	# 81
31) Cyclohexane	7.979	56	13434	1.239	ug/l	# 6
38) Carbon Tetrachloride	7.979	117	50936	5.488	ug/l	# 14
76) 1,2,3-Trichloropropane	12.626	75	187951	47.571	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	187951	123.478	ug/l	# 18

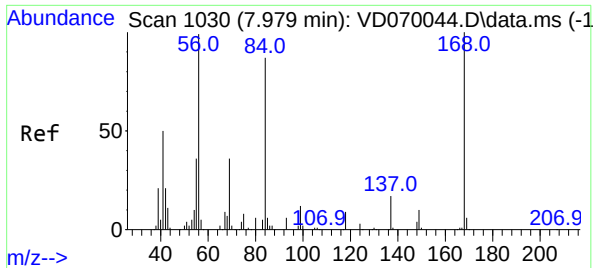
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070247.D
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Aug 25 14:46:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

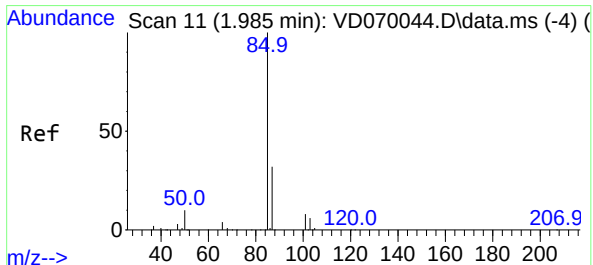
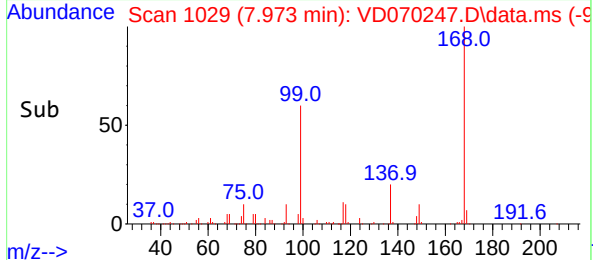
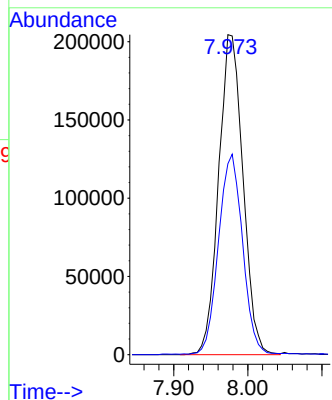
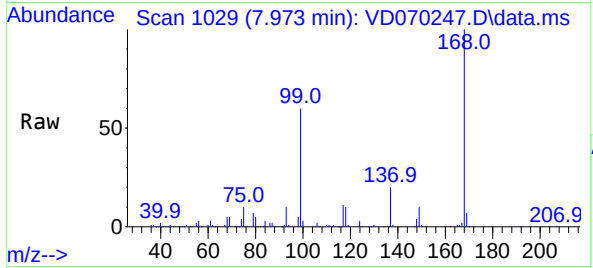




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

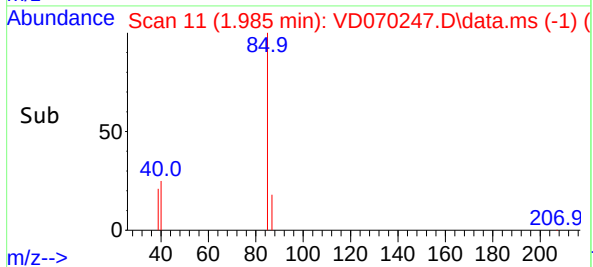
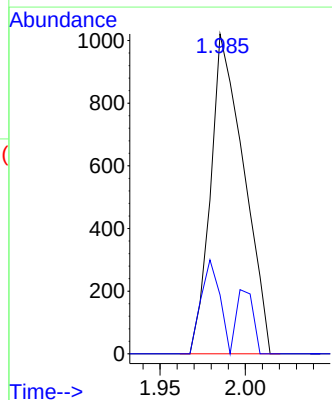
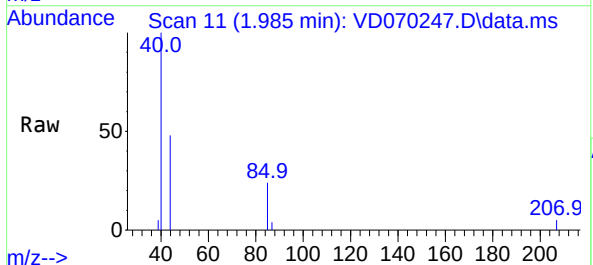
Instrument :
MSVOA_D
ClientSampleId :
CON-A

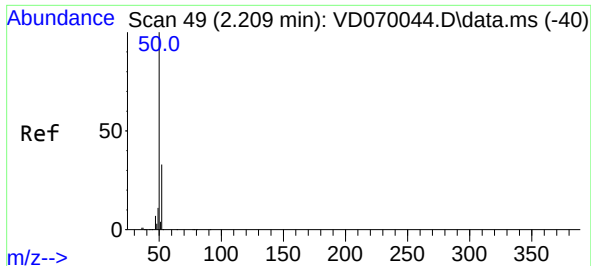
Tgt Ion:168 Resp: 465848
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 85 Resp: 1383
Ion Ratio Lower Upper
85 100
87 18.4 16.2 48.6

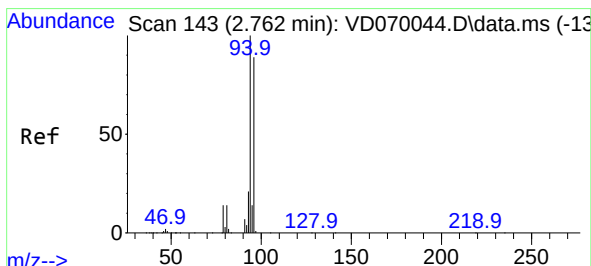
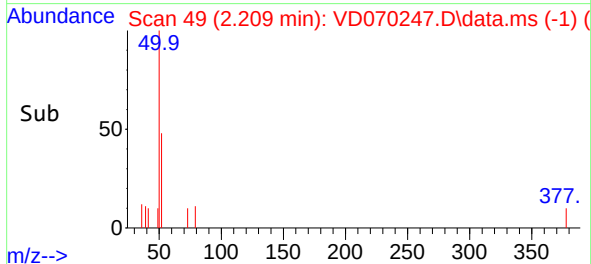
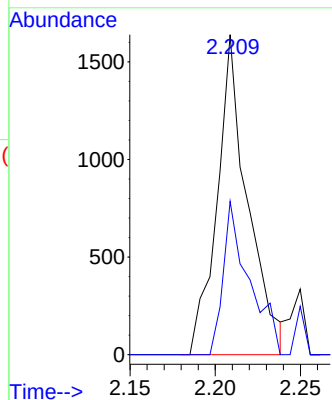
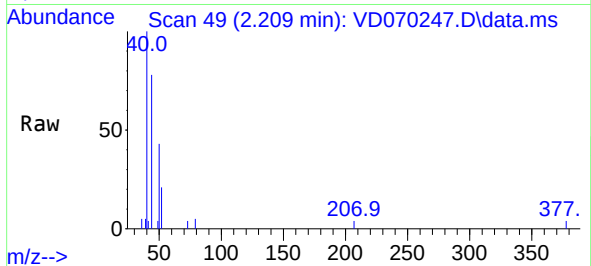




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

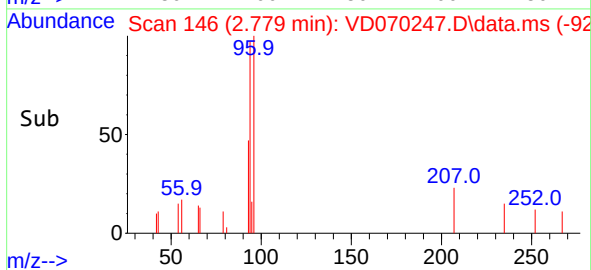
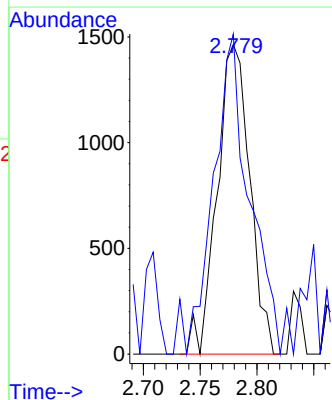
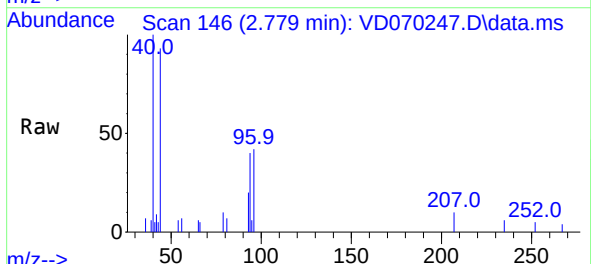
Instrument :
MSVOA_D
ClientSampleId :
CON-A

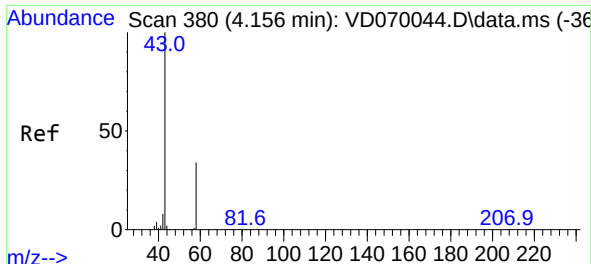
Tgt Ion: 50 Resp: 2046
Ion Ratio Lower Upper
50 100
52 47.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 94 Resp: 2918
Ion Ratio Lower Upper
94 100
96 103.4 70.9 106.3

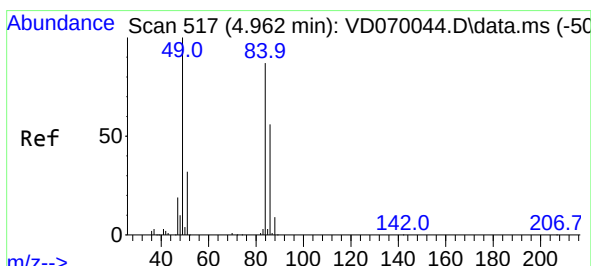
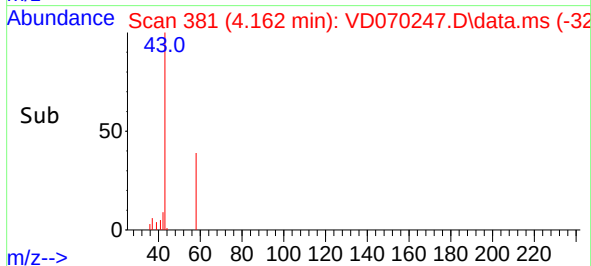
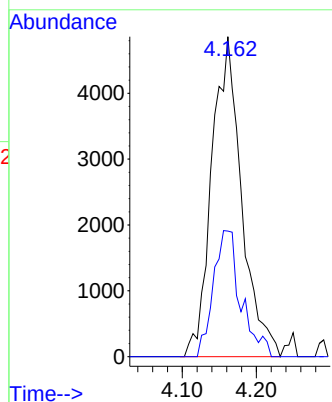
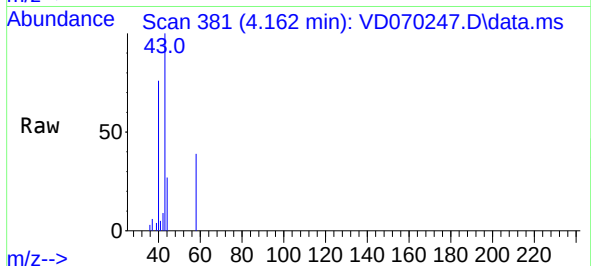




#16
Acetone
Concen: 13.481 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

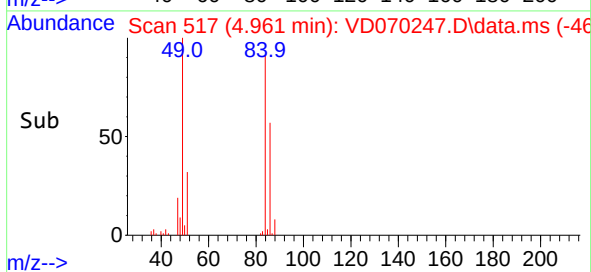
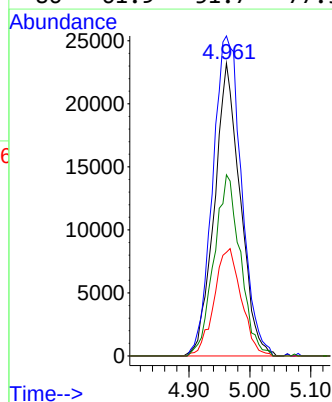
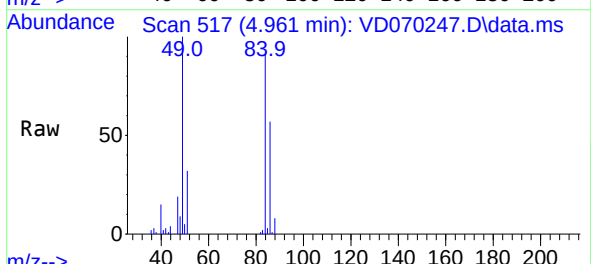
Instrument :
MSVOA_D
ClientSampleId :
CON-A

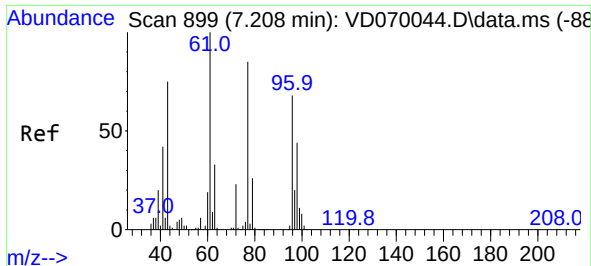
Tgt Ion: 43 Resp: 13607
Ion Ratio Lower Upper
43 100
58 39.3 26.8 40.2



#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 84 Resp: 68484
Ion Ratio Lower Upper
84 100
49 109.4 92.5 138.7
51 35.4 29.7 44.5
86 61.9 51.7 77.5

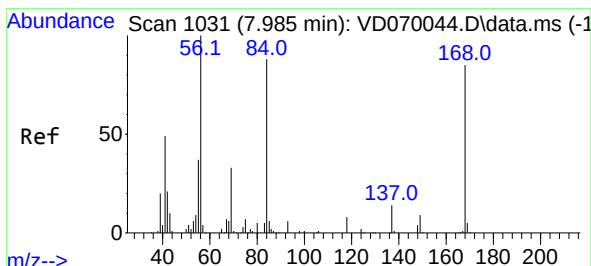
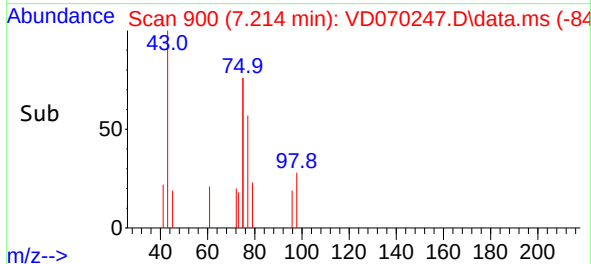
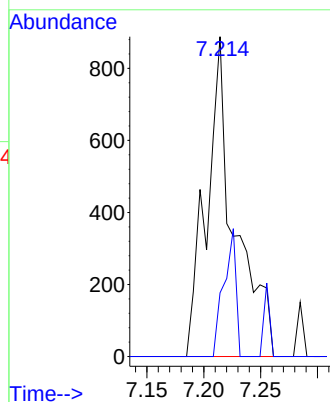
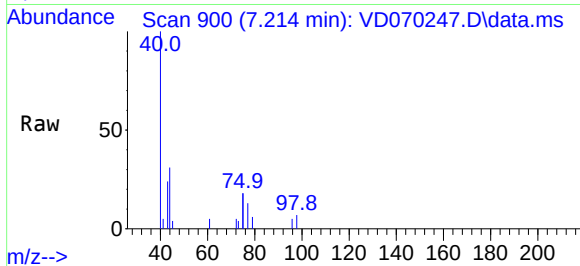




#25
2-Butanone
Concen: 1.110 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

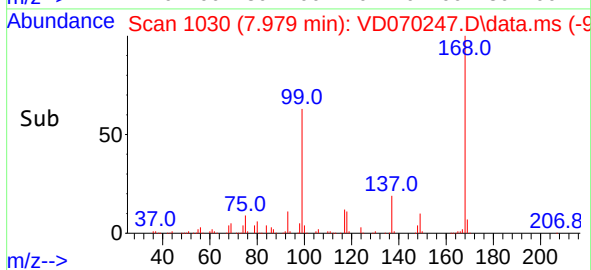
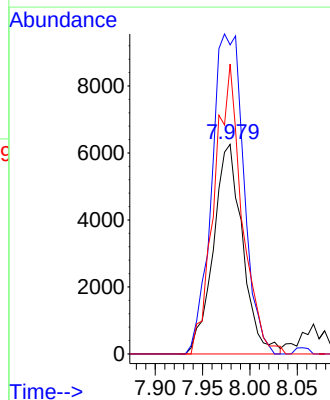
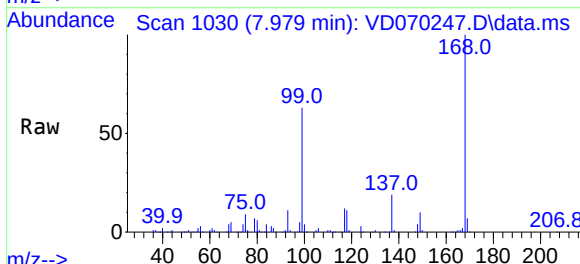
Instrument :
MSVOA_D
ClientSampled :
CON-A

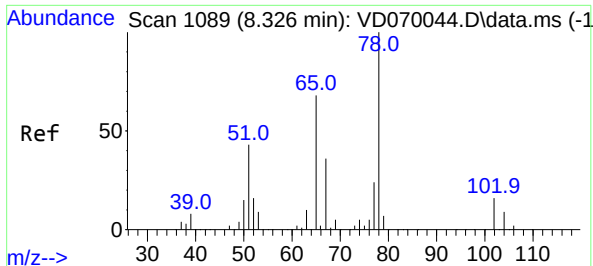
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
72 19.9 24.2 36.4#



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 56 Resp: 13434
Ion Ratio Lower Upper
56 100
69 147.5 26.7 40.1#
84 138.3 70.4 105.6#

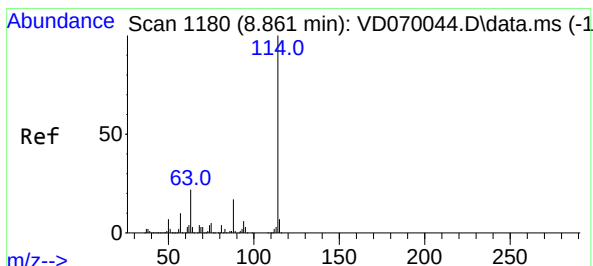
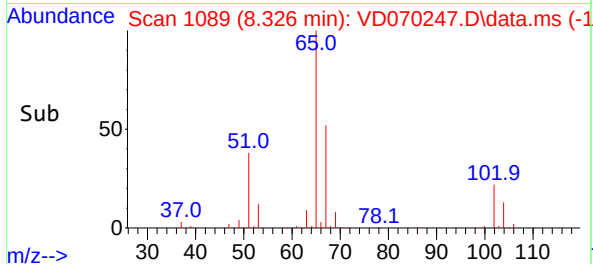
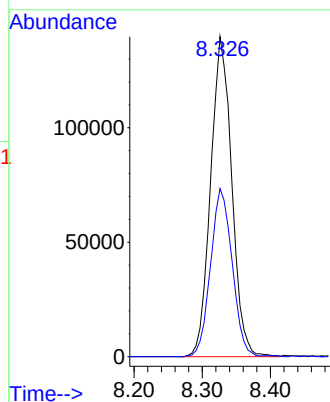
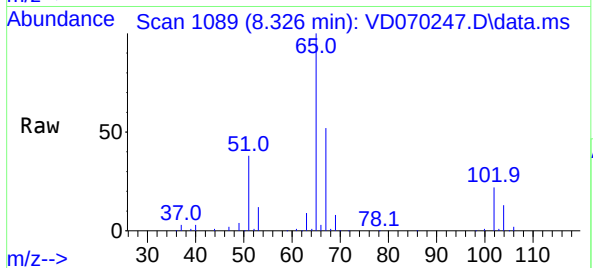




#33
1,2-Dichloroethane-d4
Concen: 55.108 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

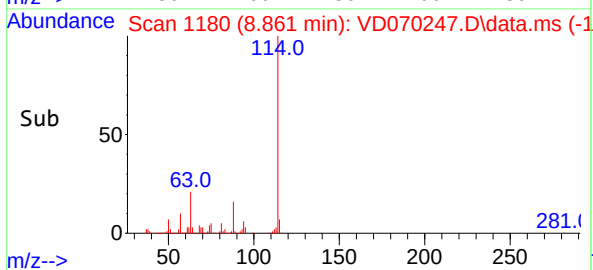
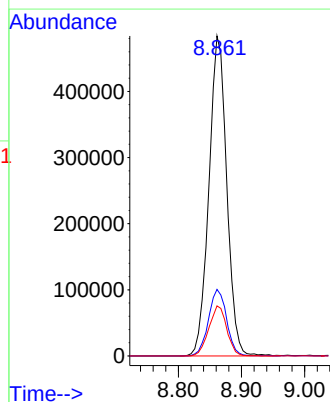
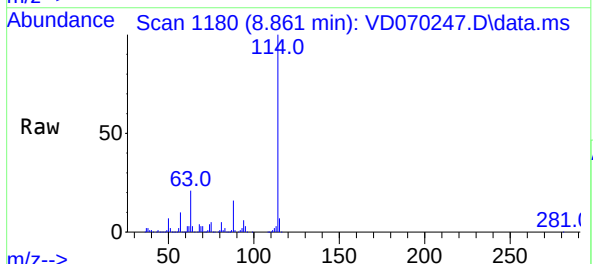
Instrument :
MSVOA_D
ClientSampled :
CON-A

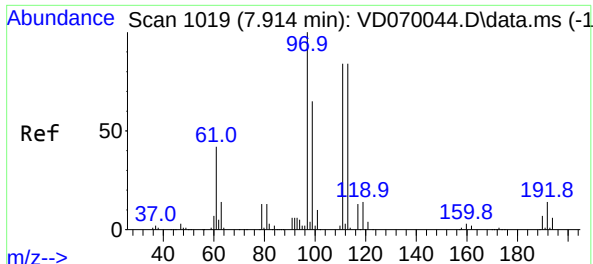
Tgt Ion: 65 Resp: 301942
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion:114 Resp: 950294
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 15.6 0.0 33.4



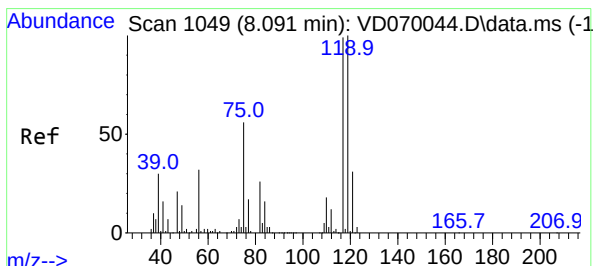
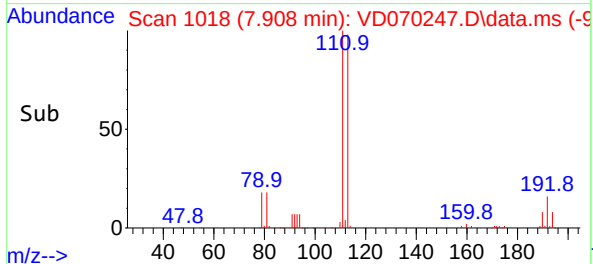
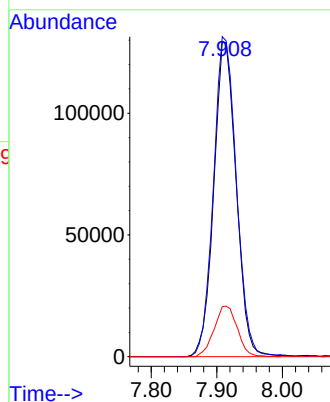
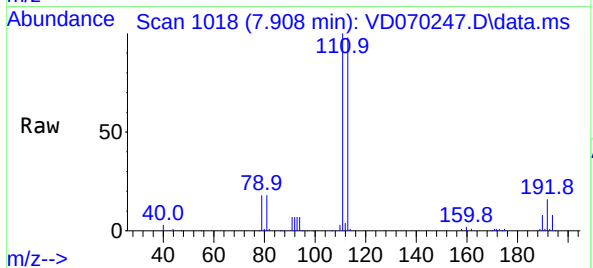


#35

Dibromofluoromethane
Concen: 49.891 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
CON-A

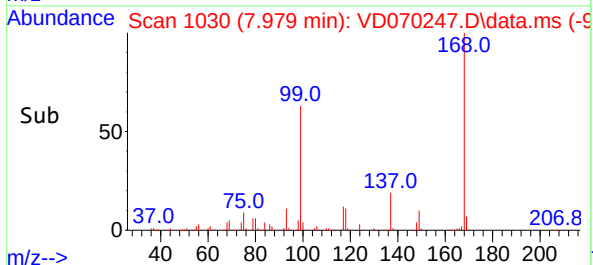
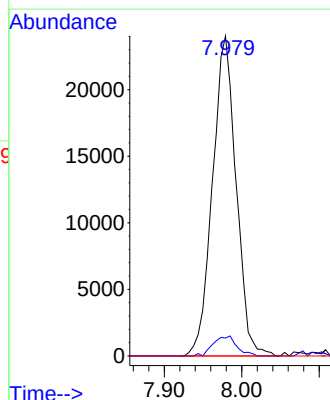
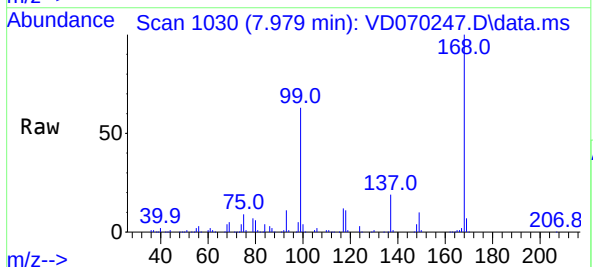
Tgt Ion:113 Resp: 306308
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.6 13.2 19.8

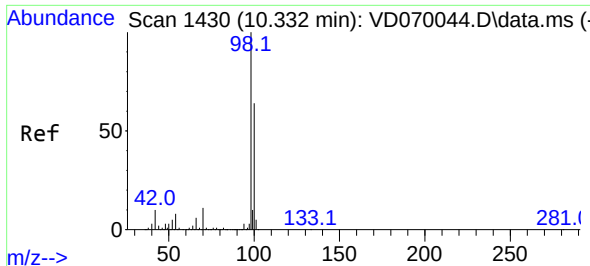


#38

Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion:117 Resp: 50936
Ion Ratio Lower Upper
117 100
119 5.6 81.0 121.6#
121 0.0 25.0 37.6#

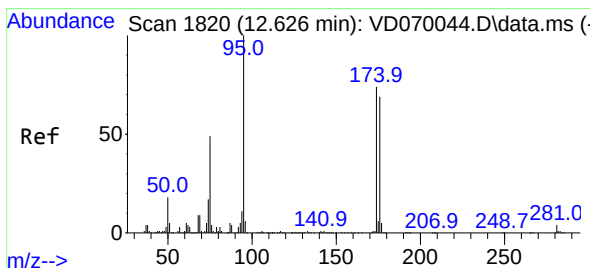
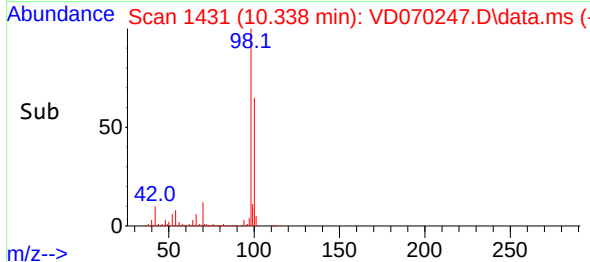
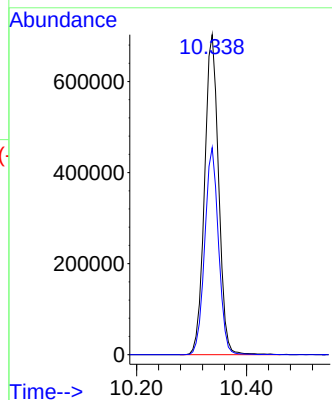
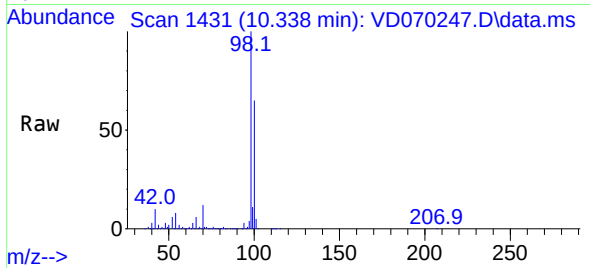




#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

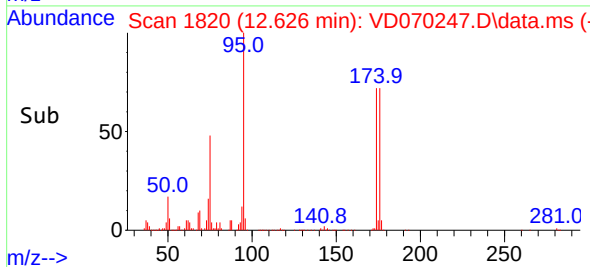
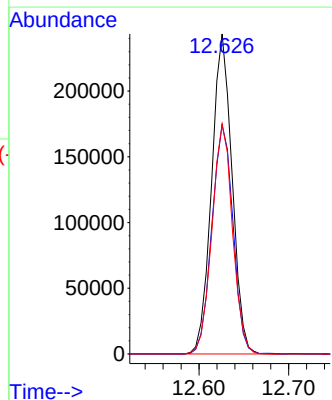
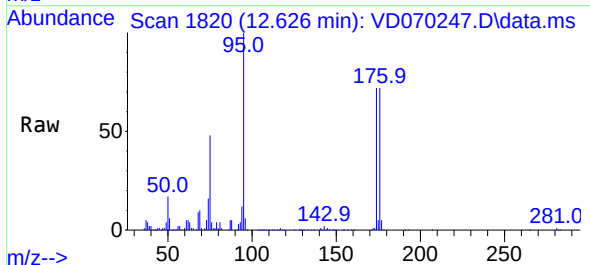
Instrument :
MSVOA_D
ClientSampleId :
CON-A

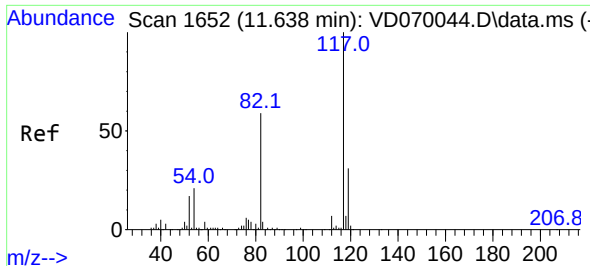
Tgt Ion: 98 Resp: 1243698
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

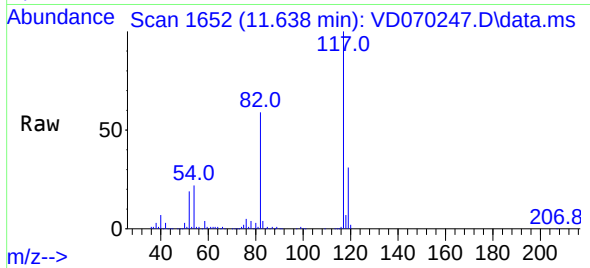
Tgt Ion: 95 Resp: 383936
Ion Ratio Lower Upper
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174 74.2 0.0 141.6
176 72.4 0.0 138.2



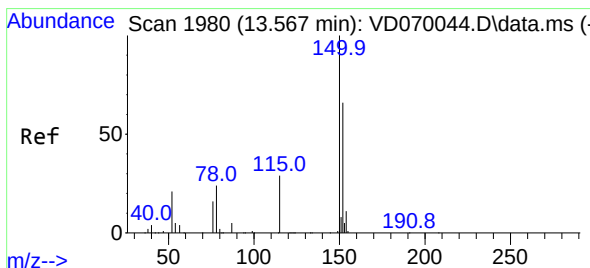
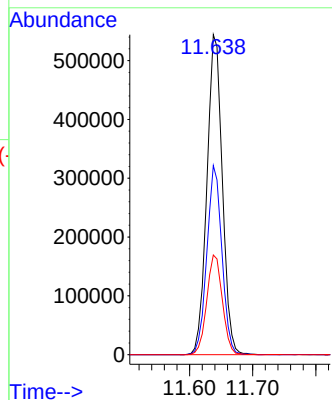
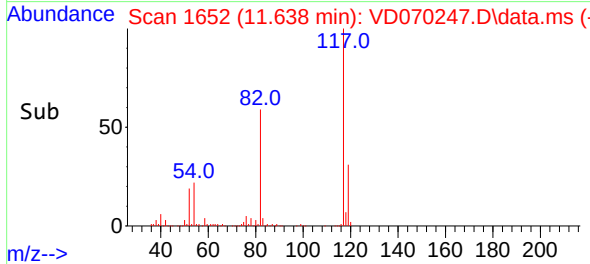


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

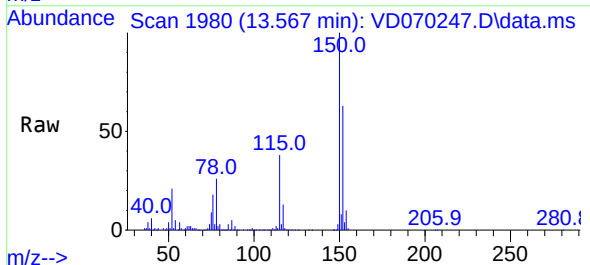
Instrument :
MSVOA_D
ClientSampleId :
CON-A



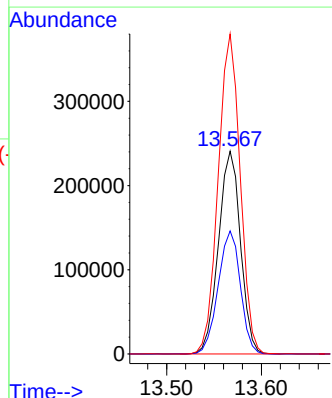
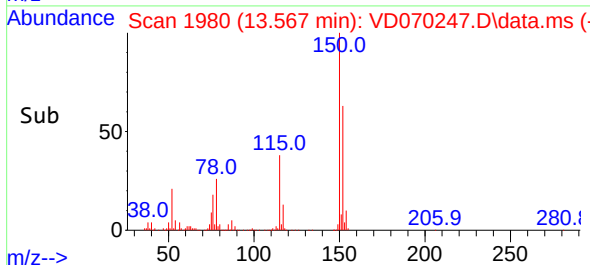
Tgt Ion:117 Resp: 922995
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.1 25.1 37.7

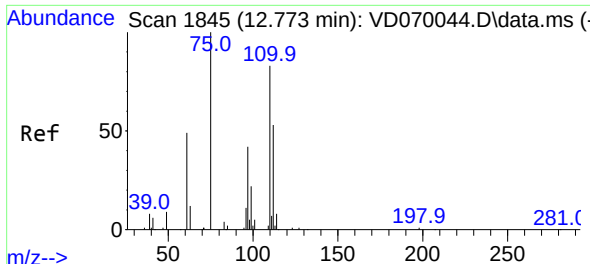


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17



Tgt Ion:152 Resp: 389585
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 157.3 0.0 352.0

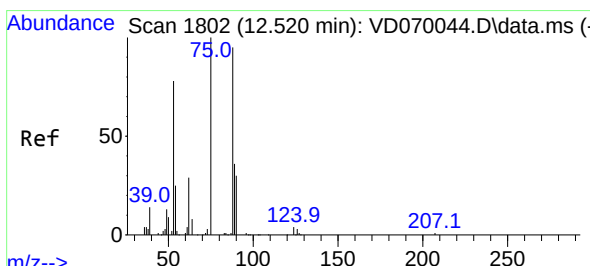
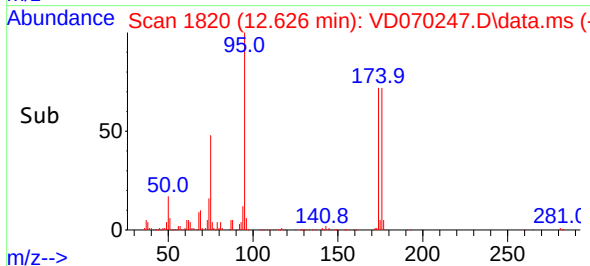
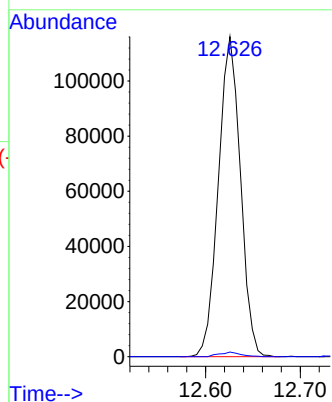
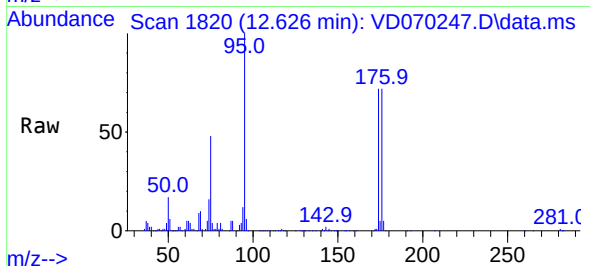




#76
1,2,3-Trichloropropane
Concen: 47.571 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
CON-A

Tgt Ion: 75 Resp: 187951
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.478 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 75 Resp: 187951
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

