

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070248.D
 Acq On : 25 Aug 2021 13:45
 Operator : VA/SY
 Sample : M3465-03RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CON-B

Quant Time: Aug 25 14:46:32 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	7.979	168	408722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	813931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	822573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277722	57.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.540%	
35) Dibromofluoromethane	7.908	113	166842	31.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.460%	
50) Toluene-d8	10.338	98	1080106	52.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.626	95	351720	52.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.420%	

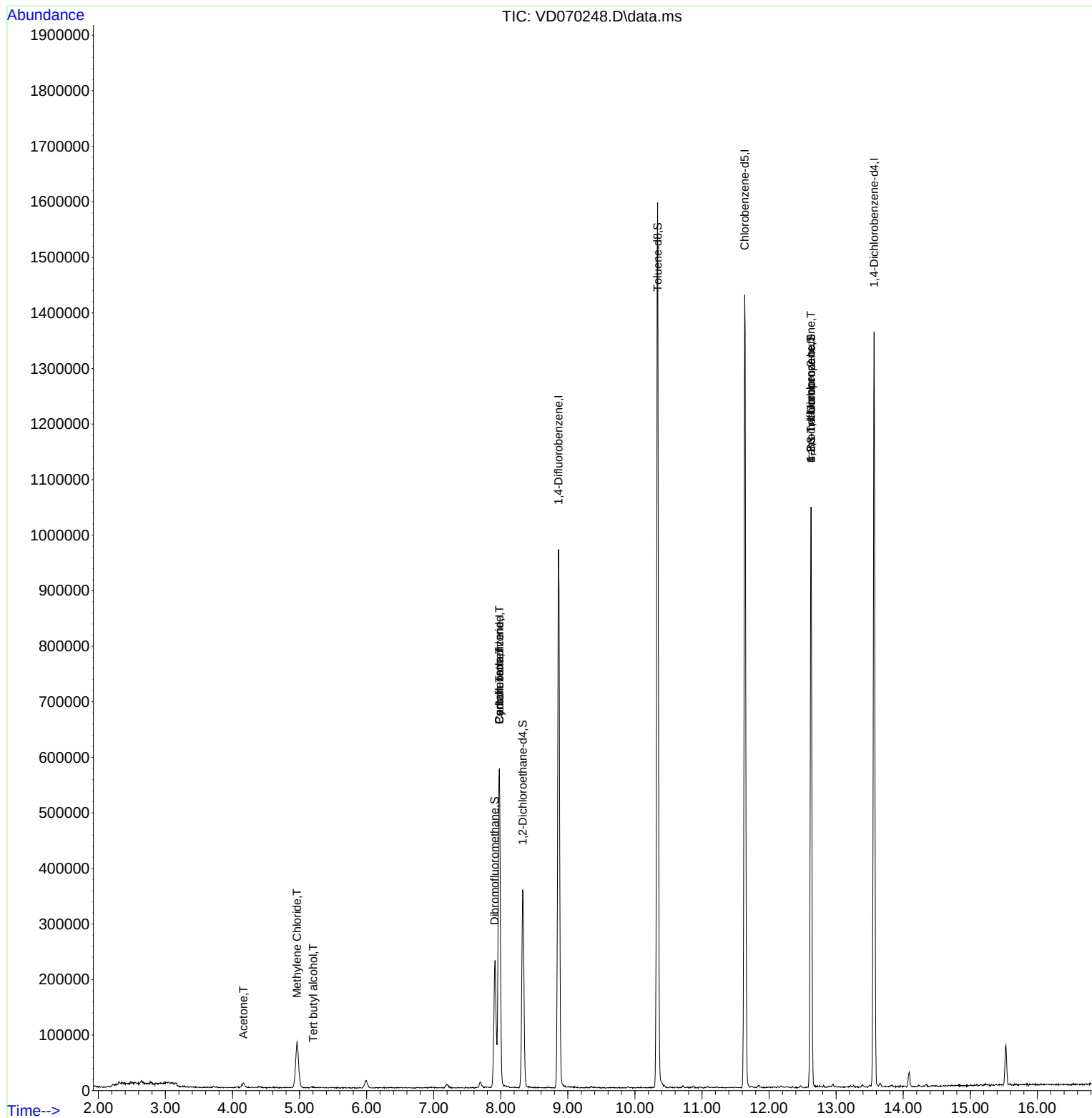
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.997	85	762	Below Cal	#	42
3) Chloromethane	2.215	50	2028	Below Cal	#	79
5) Bromomethane	2.773	94	2749	Below Cal	#	64
11) Tert butyl alcohol	5.203	59	515	1.938	ug/l #	71
16) Acetone	4.162	43	14729	16.632	ug/l	90
20) Methylene Chloride	4.962	84	64503	3.030	ug/l	94
31) Cyclohexane	7.979	56	10232	1.075	ug/l #	1
38) Carbon Tetrachloride	7.979	117	43937	5.527	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	172592	48.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	172592	124.763	ug/l #	18

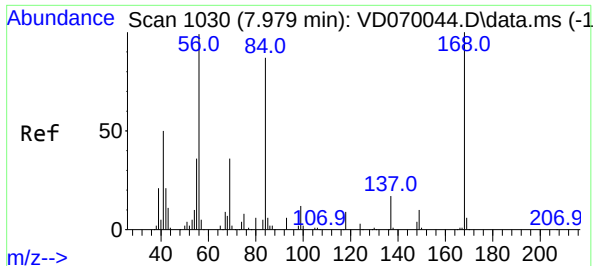
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 25 14:46:32 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

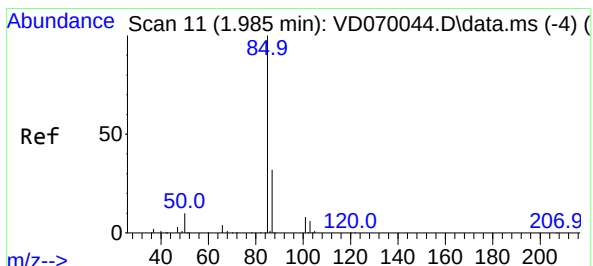
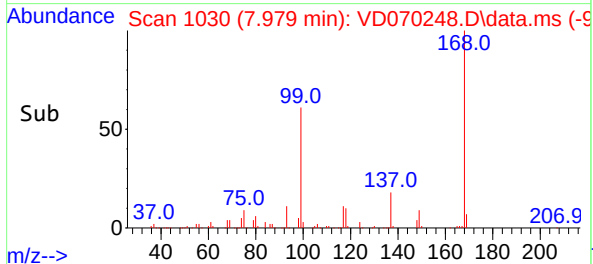
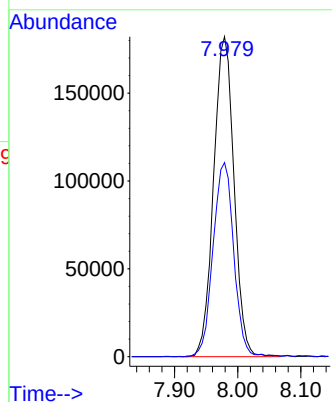
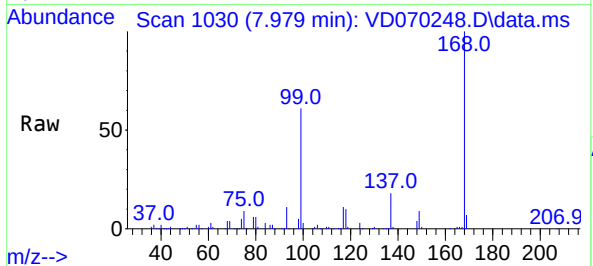




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

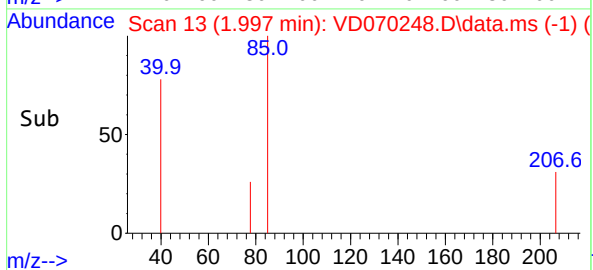
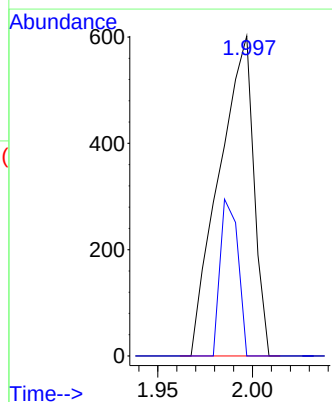
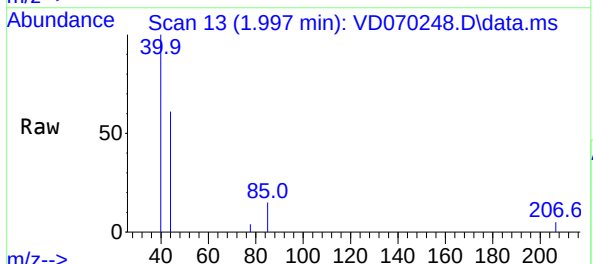
Instrument :
MSVOA_D
ClientSampled :
CON-B

Tgt Ion:168 Resp: 408722
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5

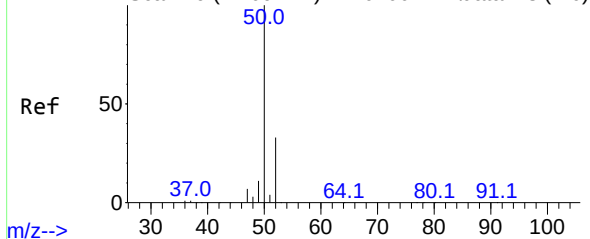


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 85 Resp: 762
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#



Abundance Scan 49 (2.209 min): VD070044.D\data.ms (-40)

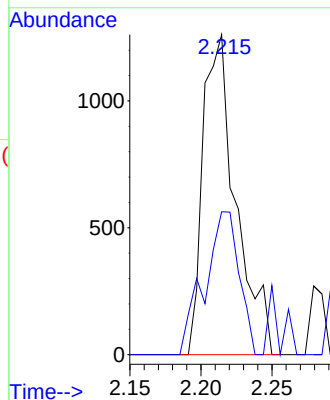
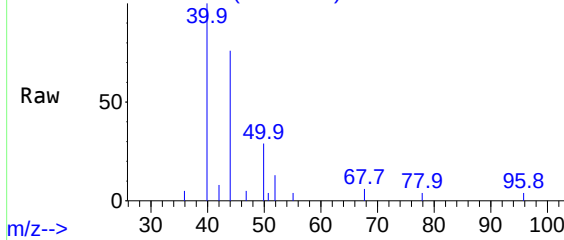


#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

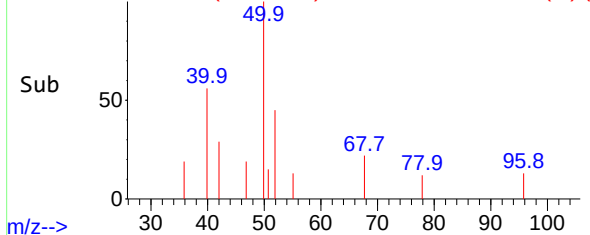
Tgt Ion: 50 Resp: 2028
Ion Ratio Lower Upper
50 100
52 44.6 26.3 39.5#

Instrument :
MSVOA_D
ClientSampleId :
CON-B

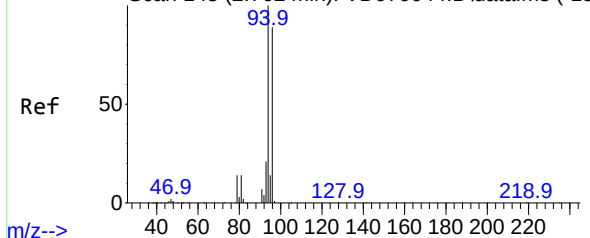
Abundance Scan 50 (2.215 min): VD070248.D\data.ms



Abundance Scan 50 (2.215 min): VD070248.D\data.ms (-1)



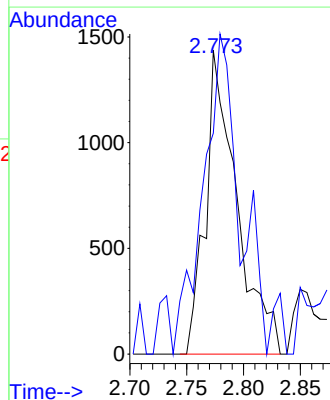
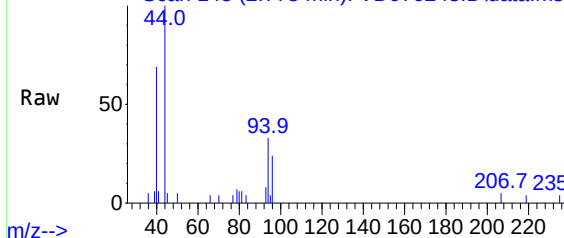
Abundance Scan 143 (2.762 min): VD070044.D\data.ms (-13)



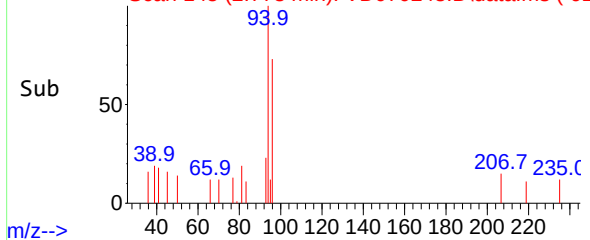
#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

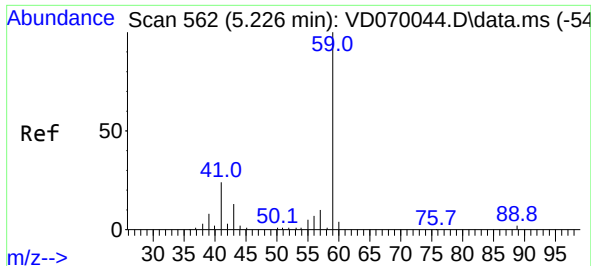
Tgt Ion: 94 Resp: 2749
Ion Ratio Lower Upper
94 100
96 55.3 70.9 106.3#

Abundance Scan 145 (2.773 min): VD070248.D\data.ms



Abundance Scan 145 (2.773 min): VD070248.D\data.ms (-92)

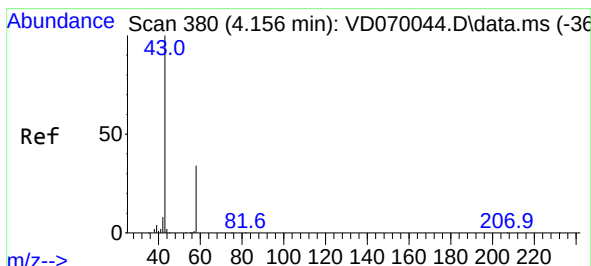
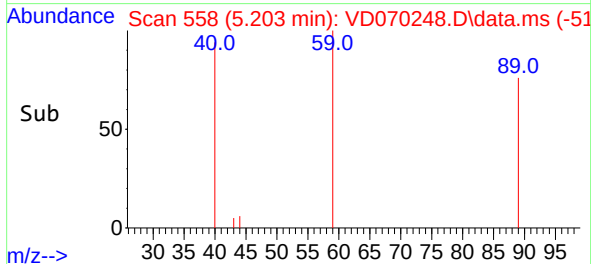
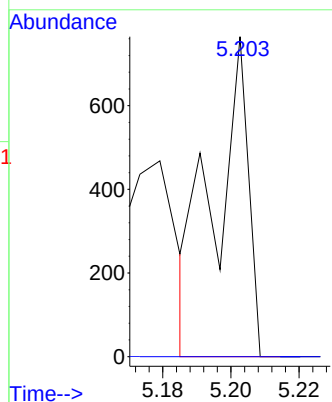
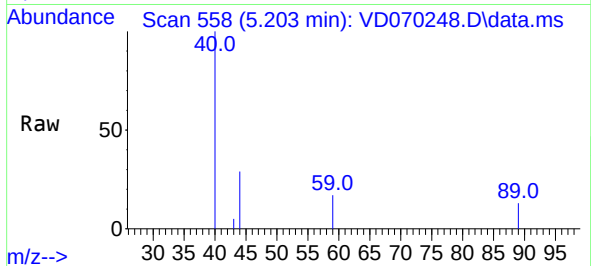




#11
Tert butyl alcohol
Concen: 1.938 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

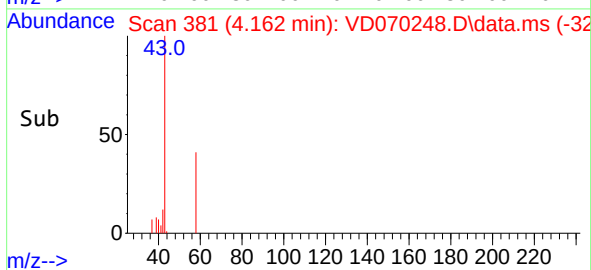
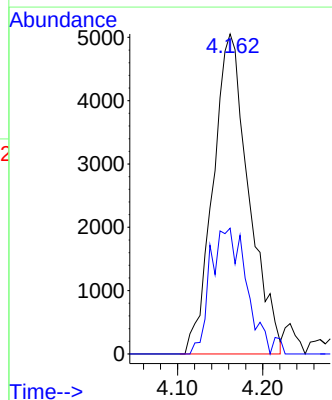
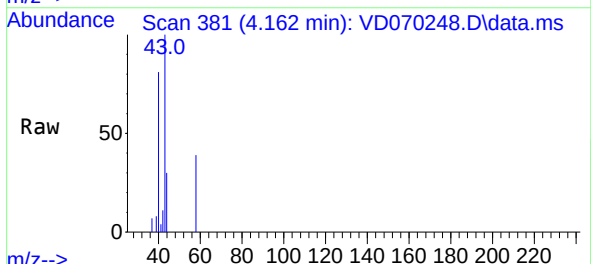
Instrument :
MSVOA_D
ClientSampled :
CON-B

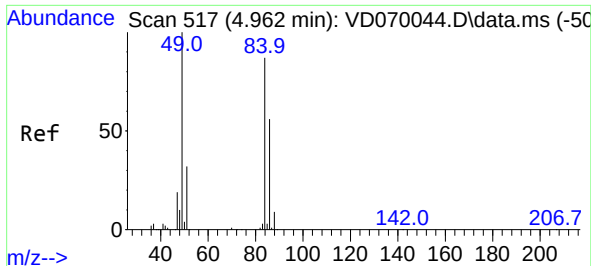
Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 16.632 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

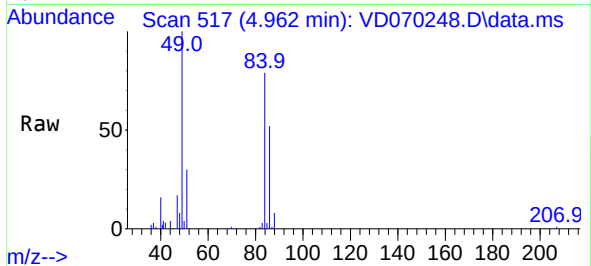
Tgt Ion: 43 Resp: 14729
Ion Ratio Lower Upper
43 100
58 39.3 26.8 40.2





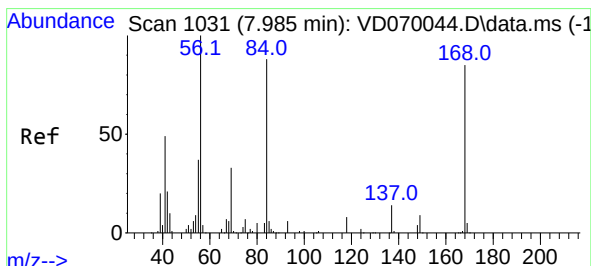
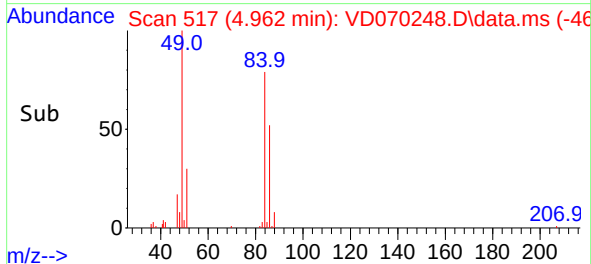
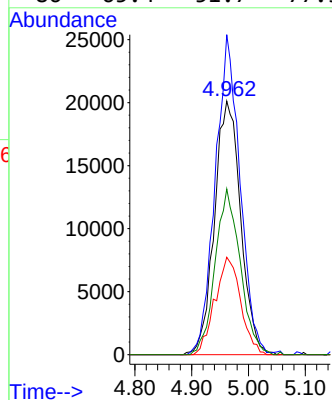
#20
Methylene Chloride
Concen: 3.030 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
CON-B



Tgt Ion: 84 Resp: 64503

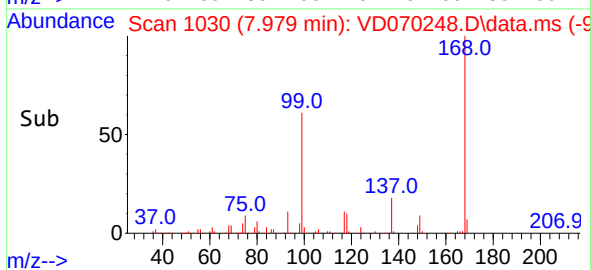
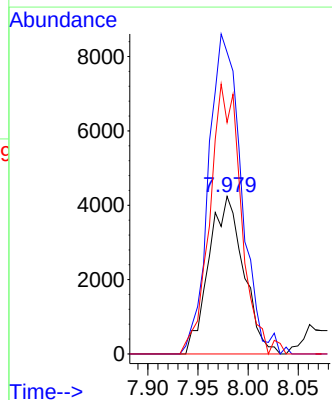
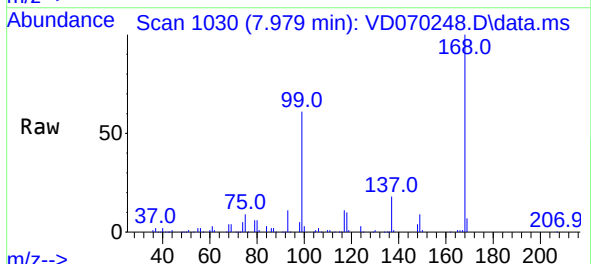
Ion	Ratio	Lower	Upper
84	100		
49	126.2	92.5	138.7
51	38.4	29.7	44.5
86	65.4	51.7	77.5

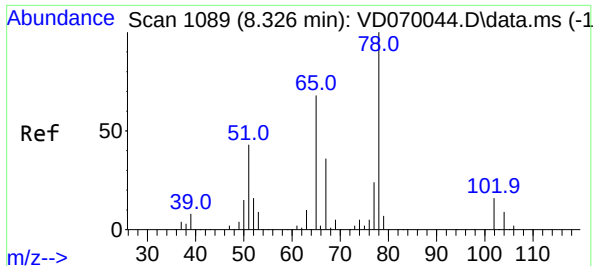


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 56 Resp: 10232

Ion	Ratio	Lower	Upper
56	100		
69	191.4	26.7	40.1#
84	146.9	70.4	105.6#

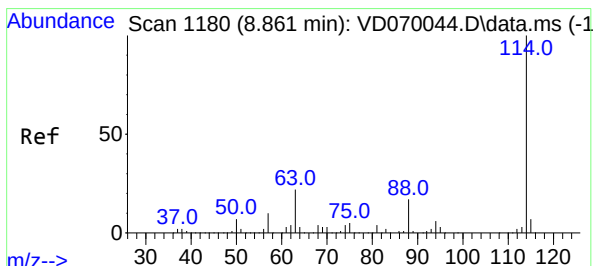
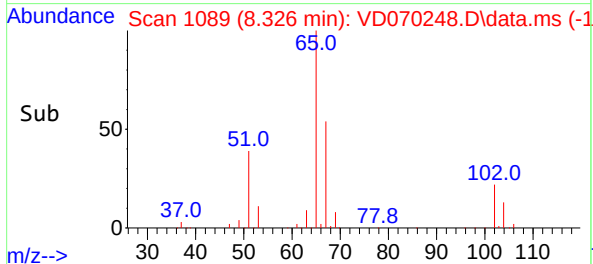
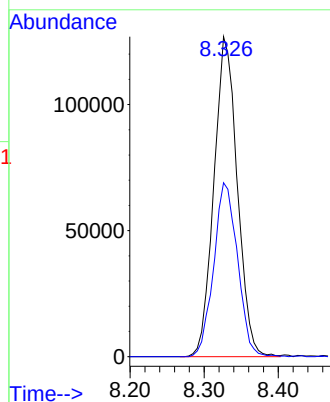
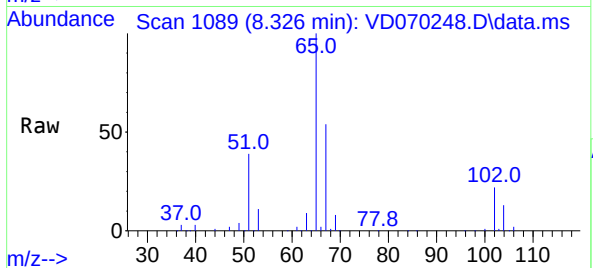




#33
1,2-Dichloroethane-d4
Concen: 57.772 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

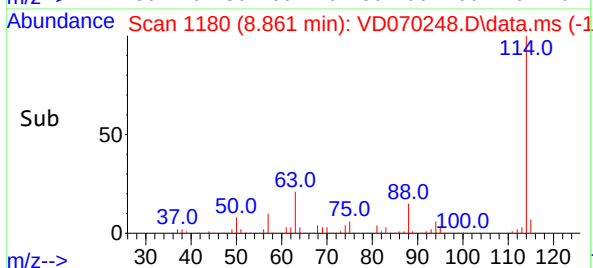
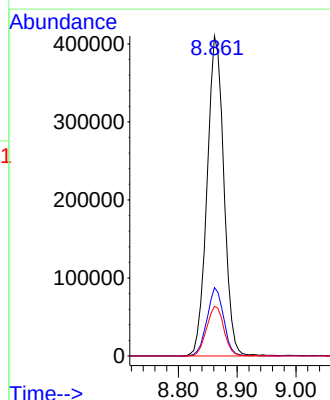
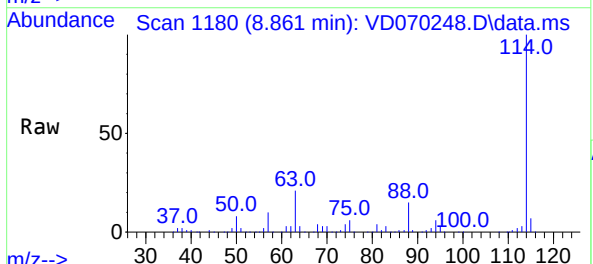
Instrument :
MSVOA_D
ClientSampleId :
CON-B

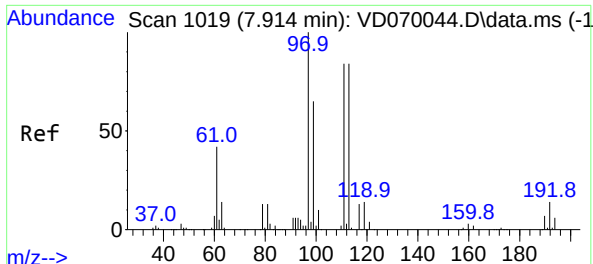
Tgt Ion: 65 Resp: 277722
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 114 Resp: 813931
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.6
88 15.5 0.0 33.4



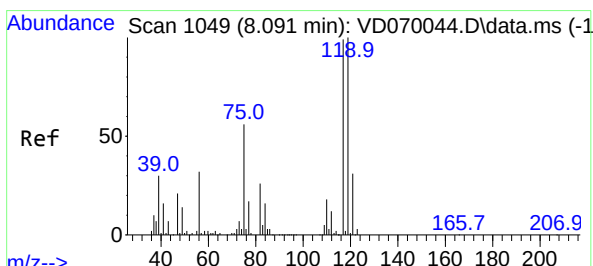
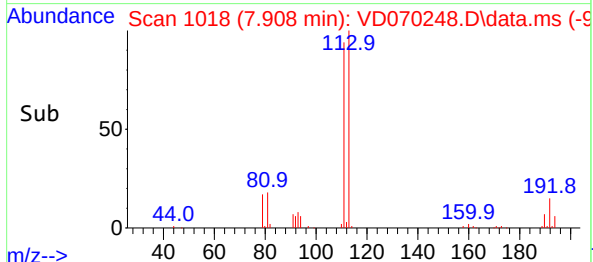
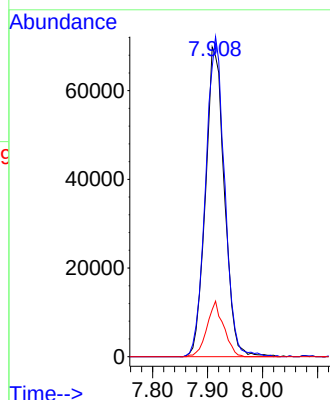
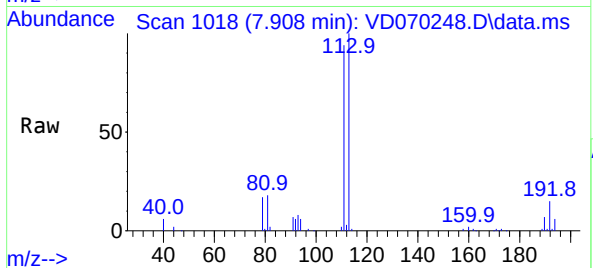


#35
Dibromofluoromethane
Concen: 31.728 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
CON-B

Tgt Ion:113 Resp: 166842

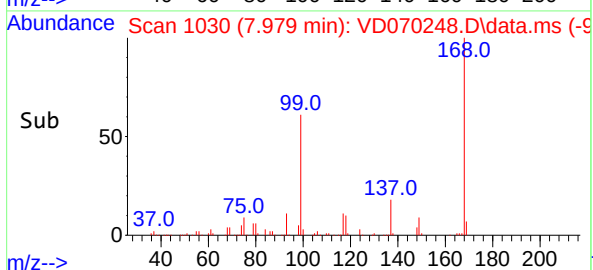
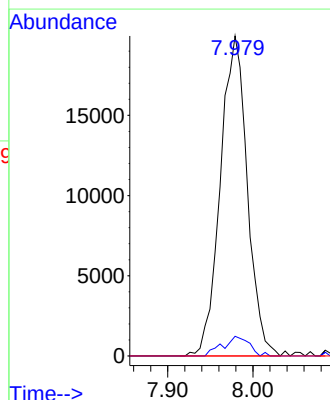
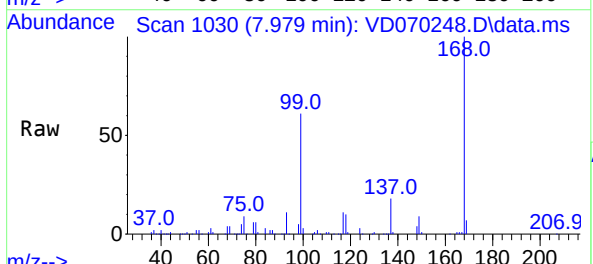
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.6
192	15.9	13.2	19.8

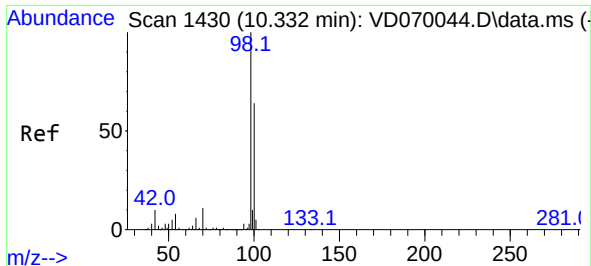


#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion:117 Resp: 43937

Ion	Ratio	Lower	Upper
117	100		
119	6.2	81.0	121.6#
121	0.0	25.0	37.6#

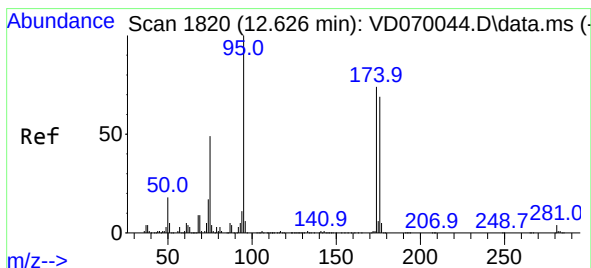
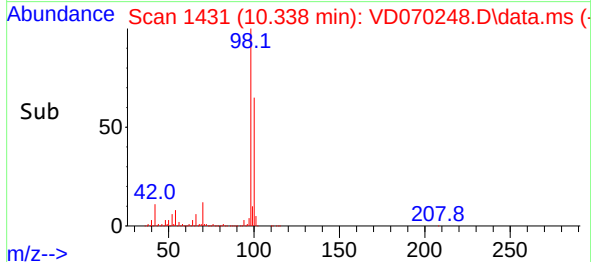
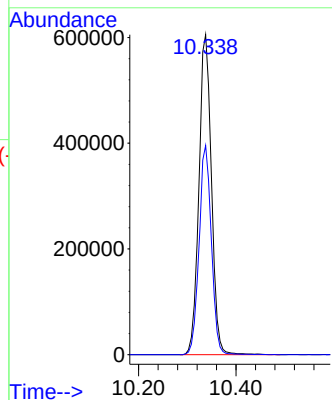
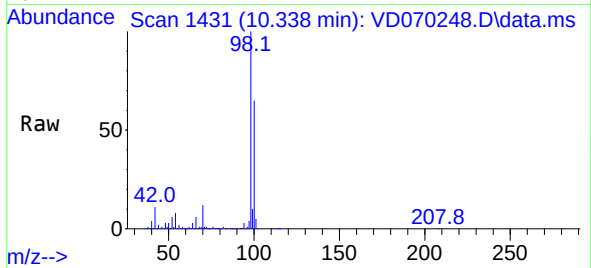




#50
Toluene-d8
Concen: 52.810 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

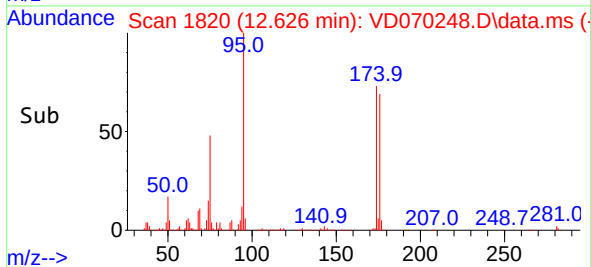
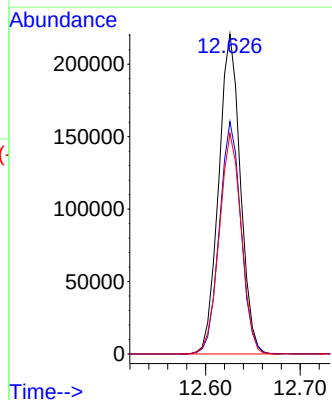
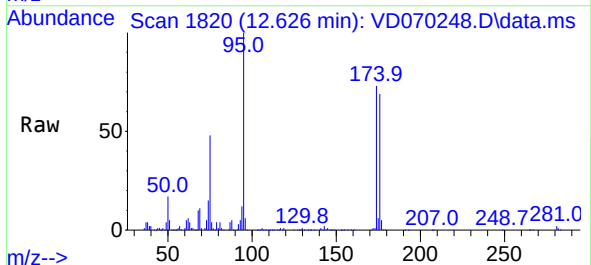
Instrument :
MSVOA_D
ClientSampleId :
CON-B

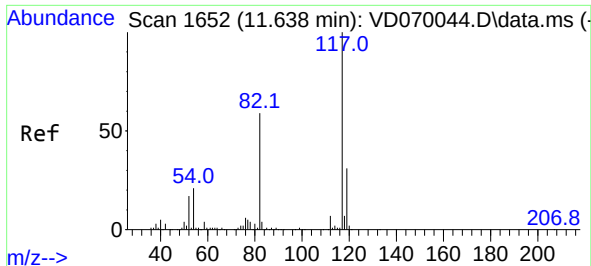
Tgt Ion: 98 Resp: 1080106
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.210 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 95 Resp: 351720
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.0 0.0 138.2

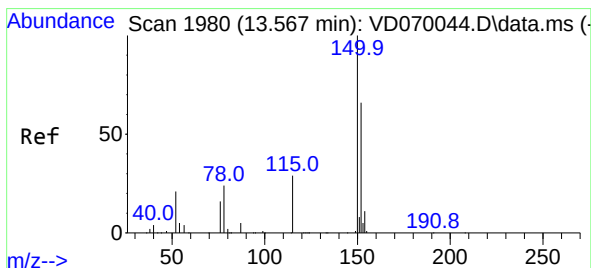
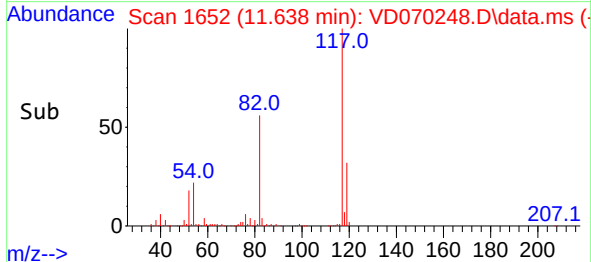
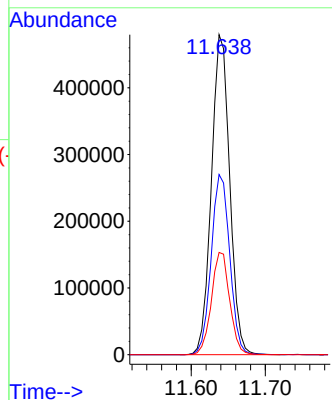
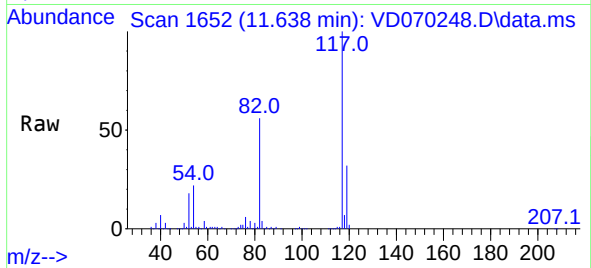




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

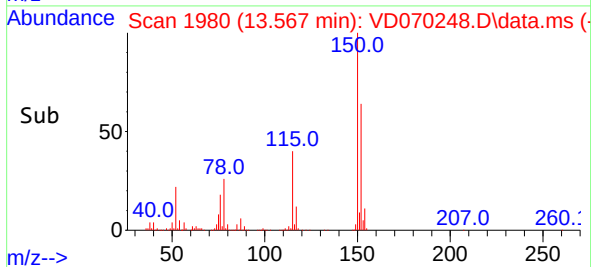
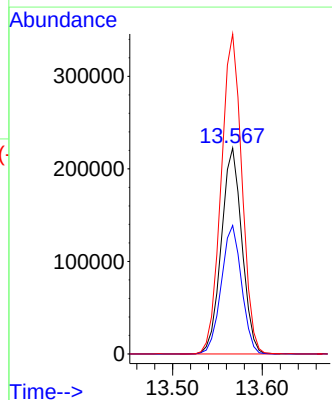
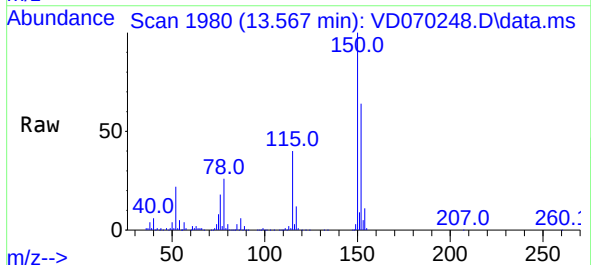
Instrument :
MSVOA_D
ClientSampled :
CON-B

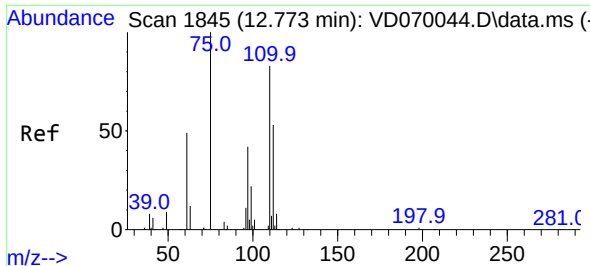
Tgt Ion:117 Resp: 822573
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion:152 Resp: 354063
Ion Ratio Lower Upper
152 100
115 61.6 31.2 93.6
150 156.7 0.0 352.0

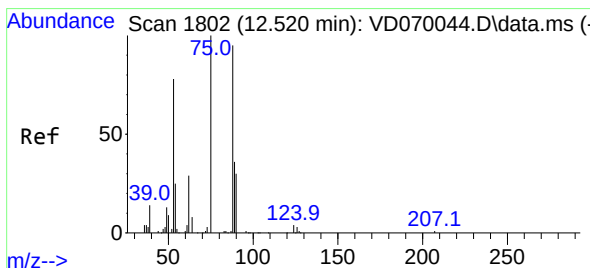
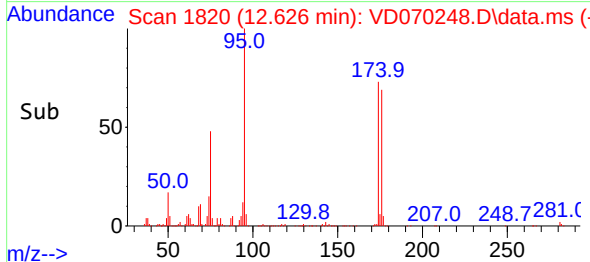
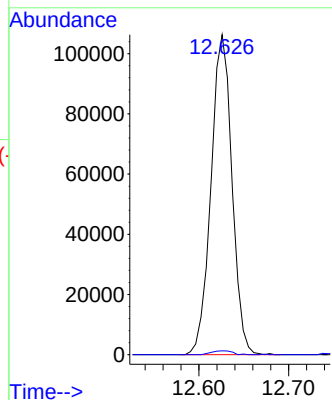
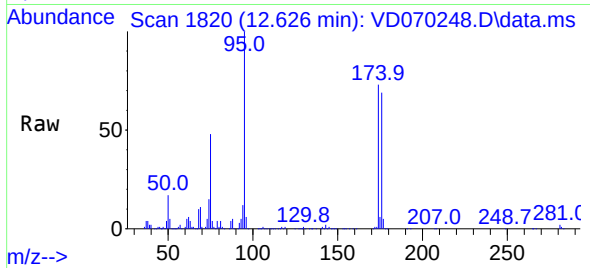




#76
1,2,3-Trichloropropane
Concen: 48.067 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
CON-B

Tgt Ion: 75 Resp: 172592
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.763 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070248.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 75 Resp: 172592
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

