

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070246.D
 Acq On : 25 Aug 2021 12:48
 Operator : VA/SY
 Sample : M3507-02RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 130-BRE

Quant Time: Aug 25 14:45:56 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)

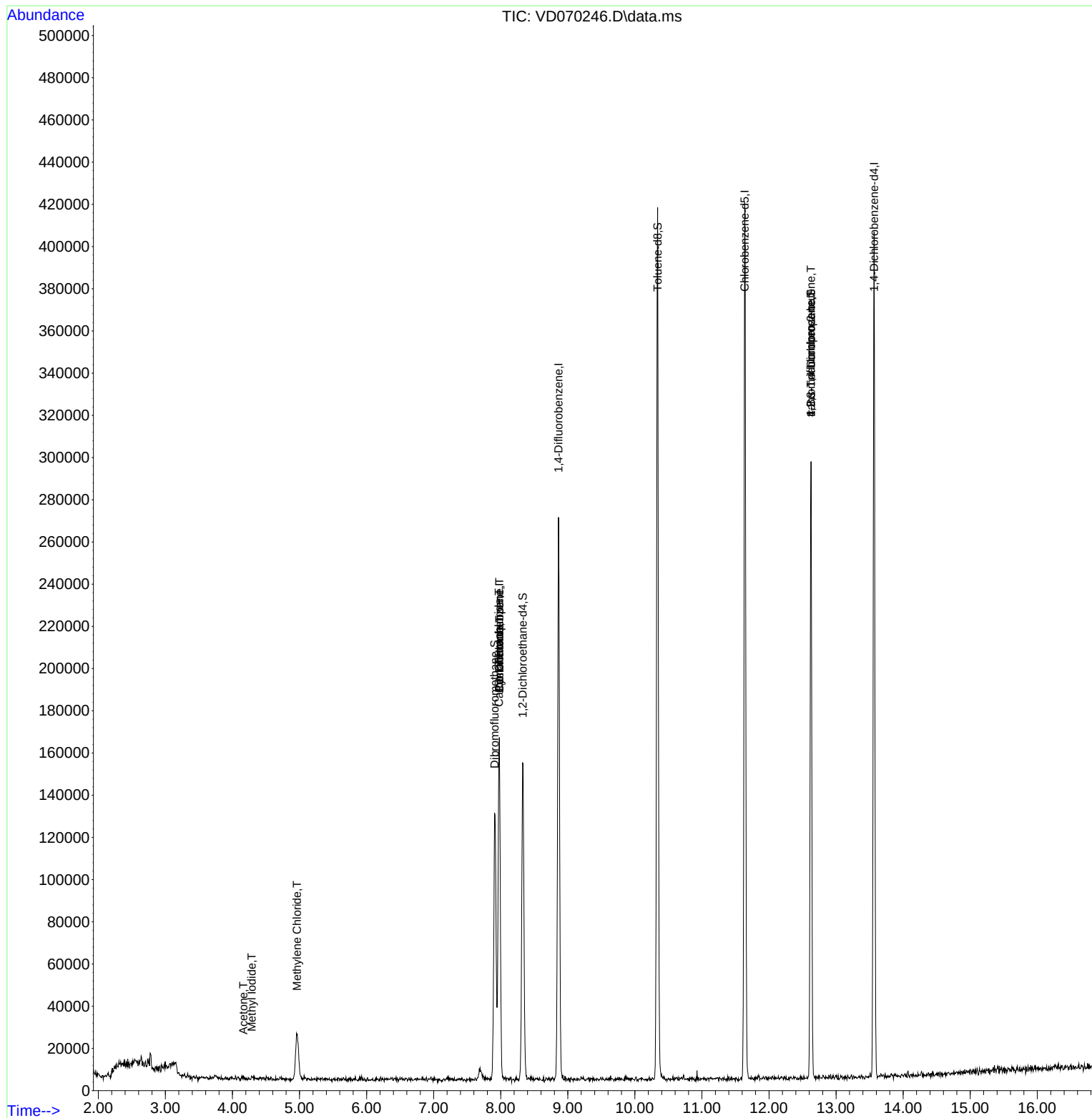
Internal Standards						
1) Pentafluorobenzene	7.979	168	112908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	218017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	241513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	106913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118967	89.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.180%#	
35) Dibromofluoromethane	7.908	113	94819	67.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.640%	
50) Toluene-d8	10.338	98	285119	52.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.626	95	100662	55.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	96	Below Cal	#	42
3) Chloromethane	2.203	50	1013	Below Cal	#	43
5) Bromomethane	2.779	94	2291	Below Cal		100
10) Methyl Iodide	4.285	142	1609	1.205	ug/l #	52
16) Acetone	4.162	43	472	1.929	ug/l	89
20) Methylene Chloride	4.962	84	16840	2.329	ug/l	96
31) Cyclohexane	7.979	56	3106	1.182	ug/l #	8
36) 1,1-Dichloropropene	7.979	75	10688	4.557	ug/l #	52
38) Carbon Tetrachloride	7.973	117	12219	5.739	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	49435	45.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	49435	118.345	ug/l #	18

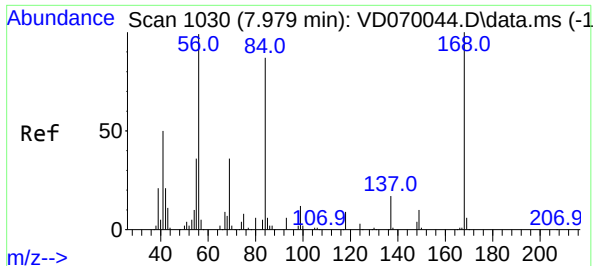
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
130-BRE

Quant Time: Aug 25 14:45:56 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

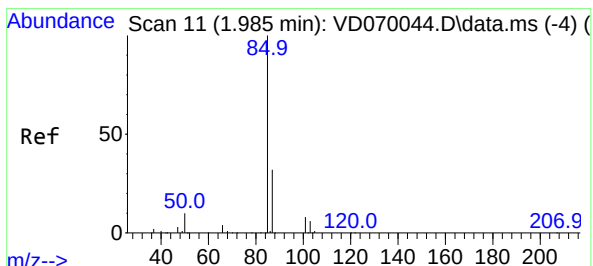
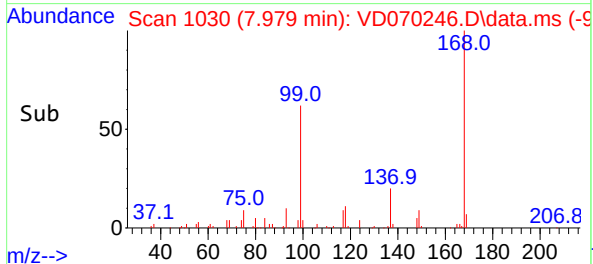
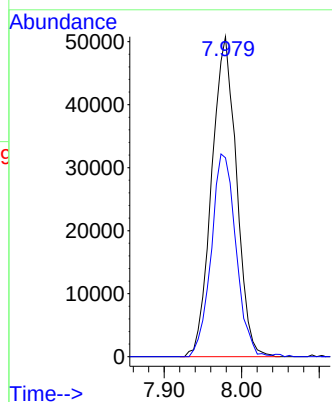
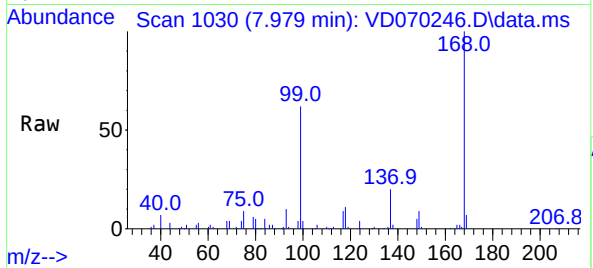




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

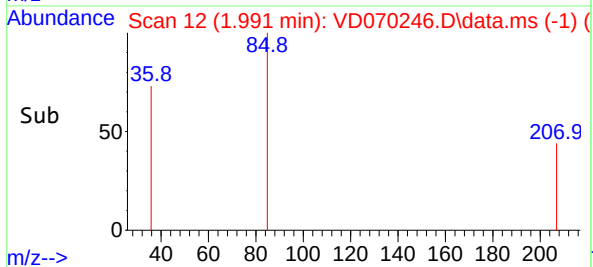
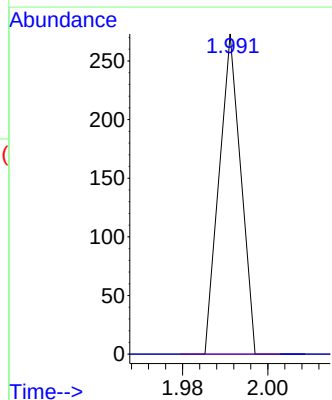
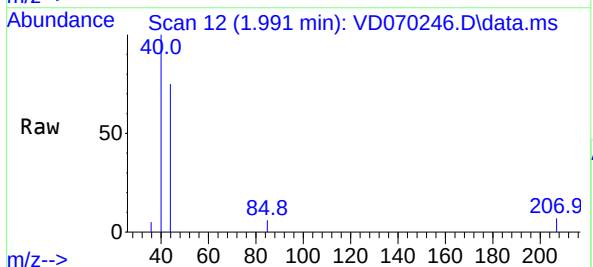
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

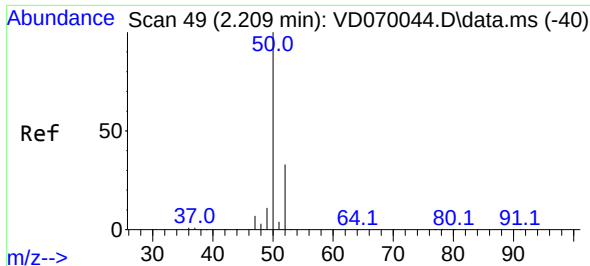
Tgt Ion:168 Resp: 112908
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 85 Resp: 96
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

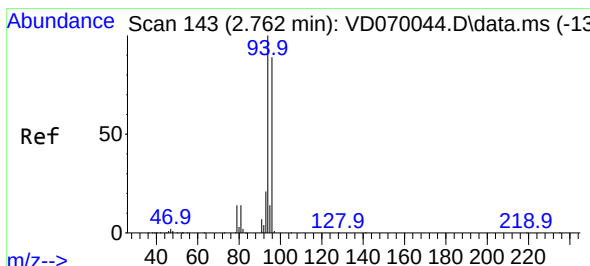
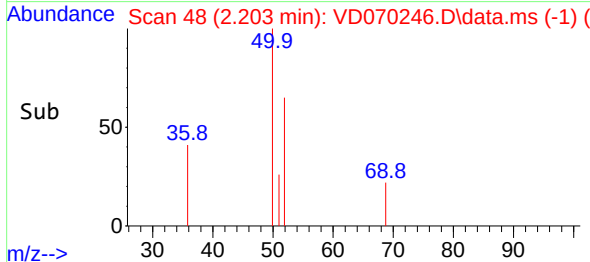
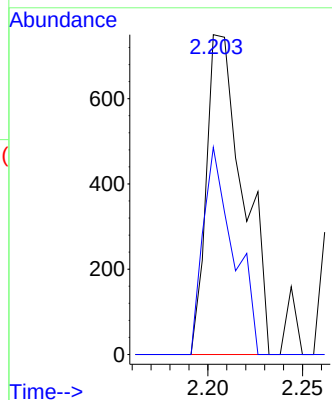
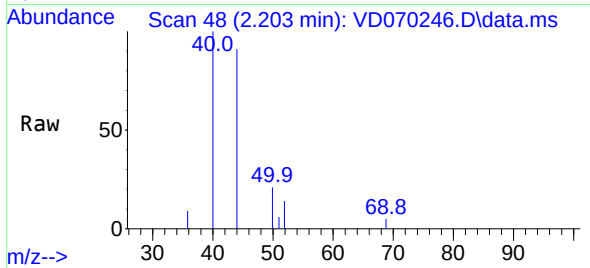




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

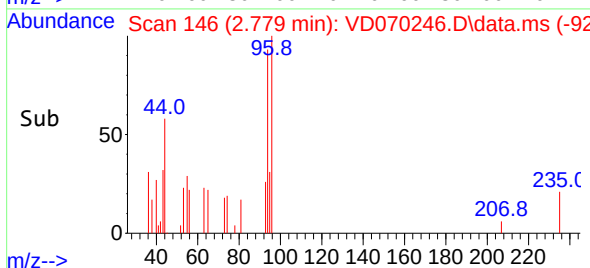
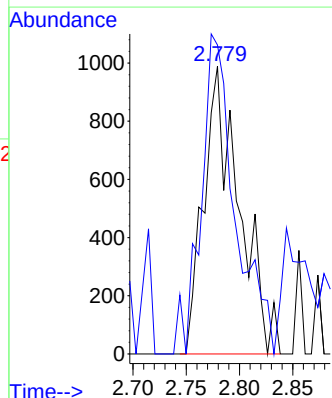
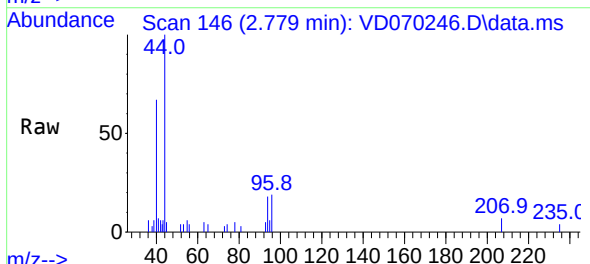
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

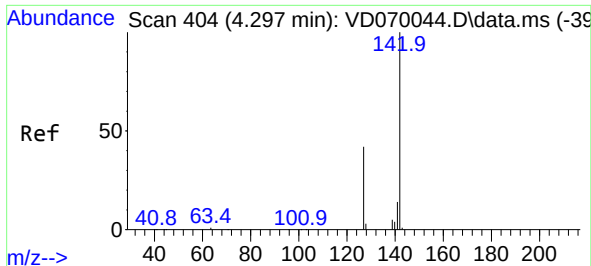
Tgt Ion: 50 Resp: 1013
Ion Ratio Lower Upper
50 100
52 64.8 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 94 Resp: 2291
Ion Ratio Lower Upper
94 100
96 88.5 70.9 106.3

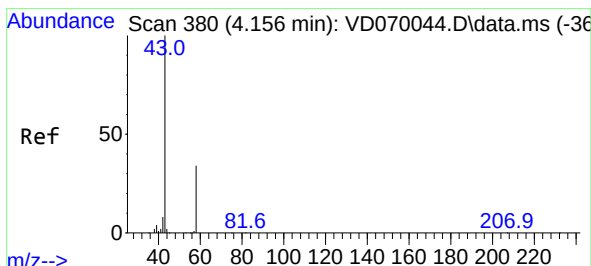
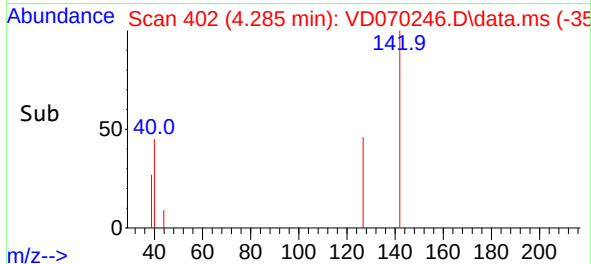
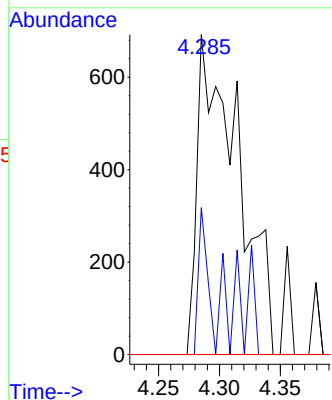
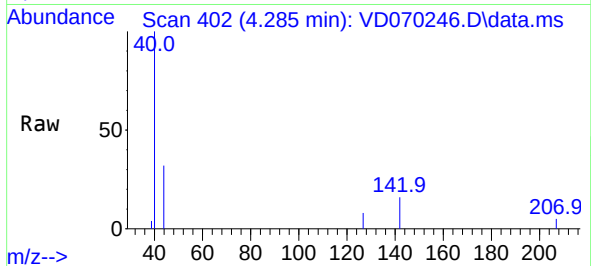




#10
Methyl Iodide
Concen: 1.205 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

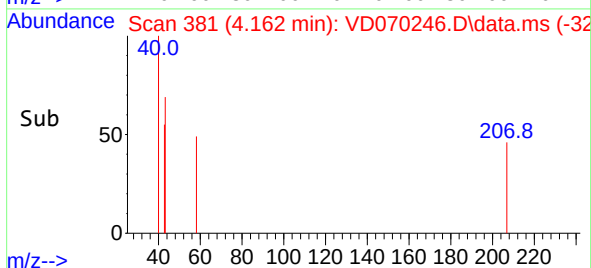
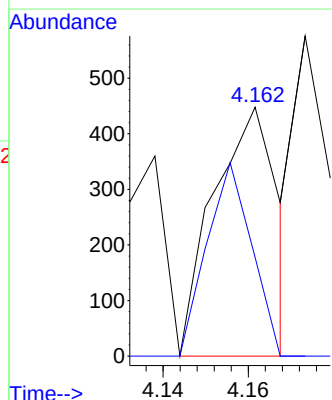
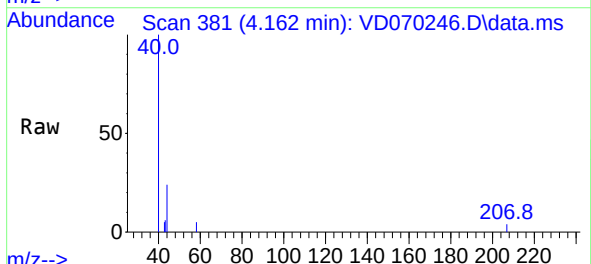
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

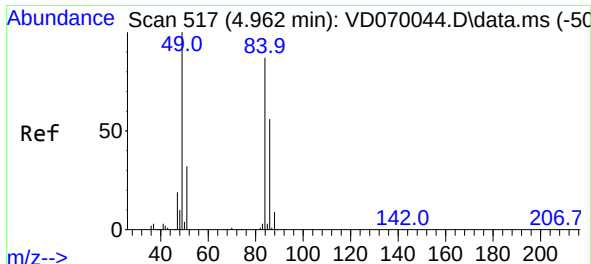
Tgt Ion:142 Resp: 1609
Ion Ratio Lower Upper
142 100
127 10.3 35.4 53.0#
141 0.0 12.1 18.1#



#16
Acetone
Concen: 1.929 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

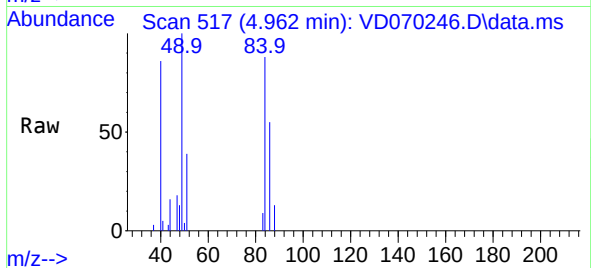
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 39.7 26.8 40.2





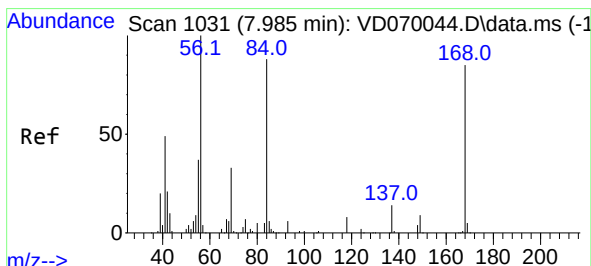
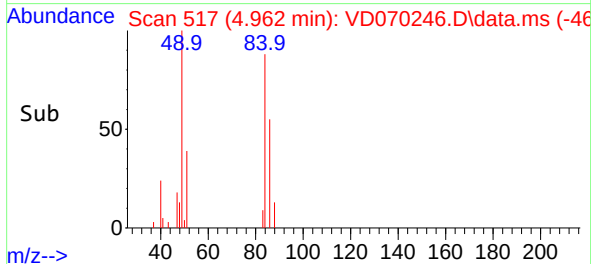
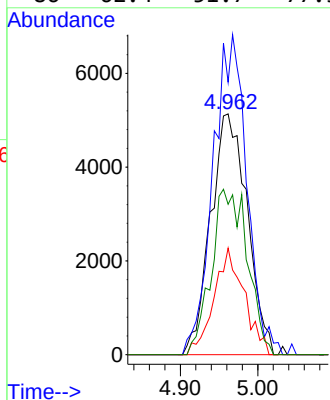
#20
Methylene Chloride
Concen: 2.329 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
130-BRE



Tgt Ion: 84 Resp: 16840

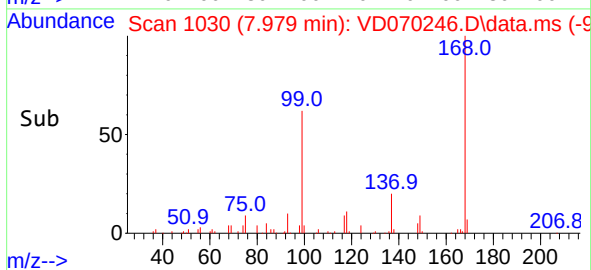
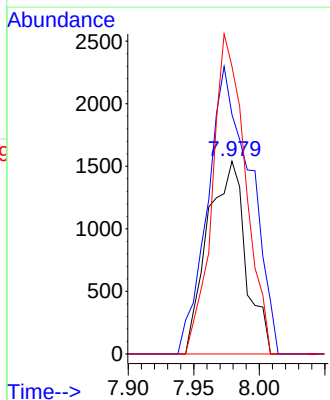
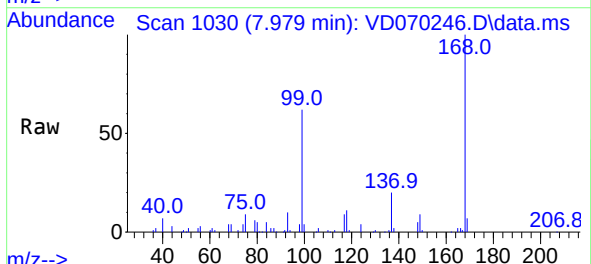
Ion	Ratio	Lower	Upper
84	100		
49	113.1	92.5	138.7
51	44.2	29.7	44.5
86	62.4	51.7	77.5

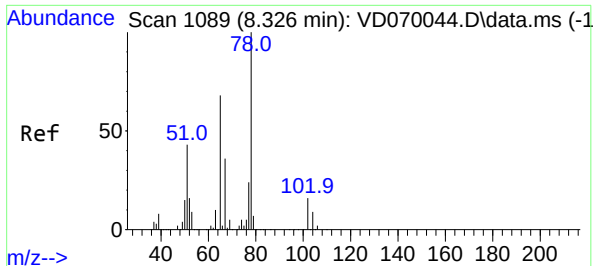


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 56 Resp: 3106

Ion	Ratio	Lower	Upper
56	100		
69	124.2	26.7	40.1#
84	149.2	70.4	105.6#



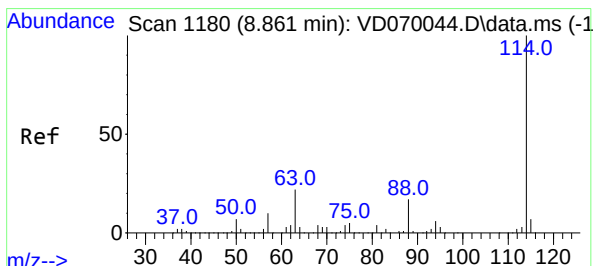
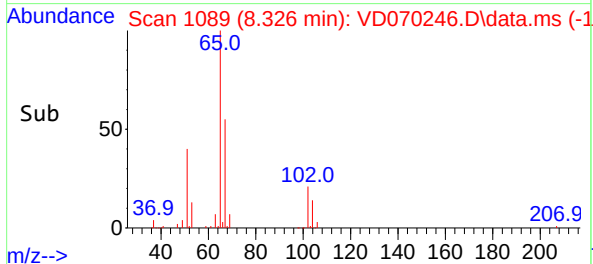
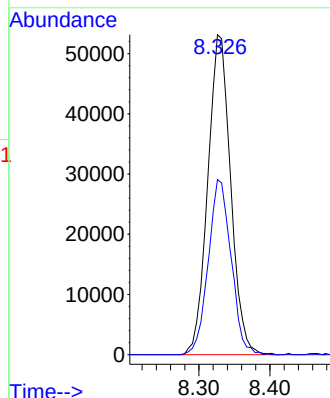
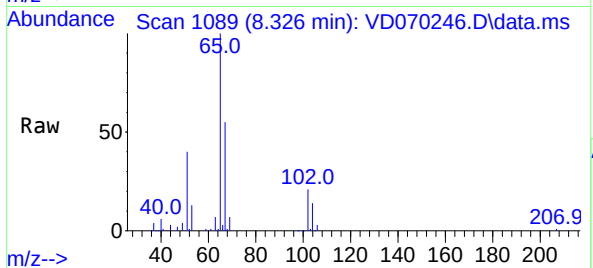


#33

1,2-Dichloroethane-d4
Concen: 89.585 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampled :
130-BRE

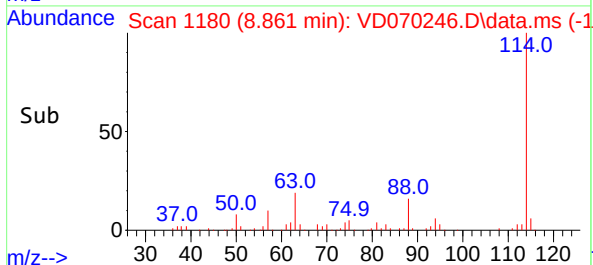
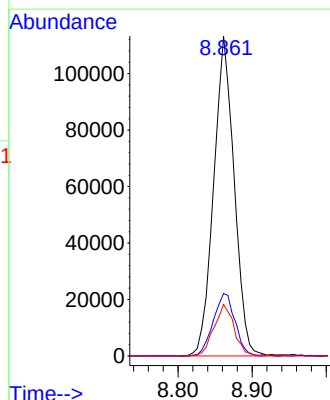
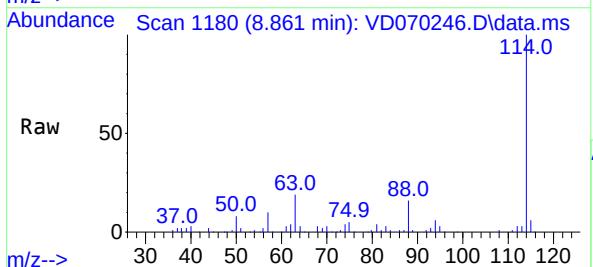
Tgt Ion: 65 Resp: 118967
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8

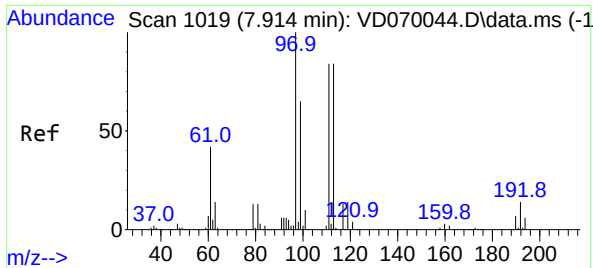


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion:114 Resp: 218017
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 16.1 0.0 33.4

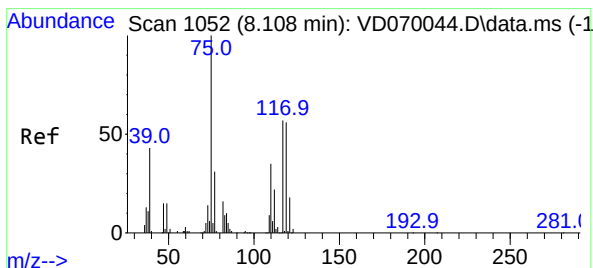
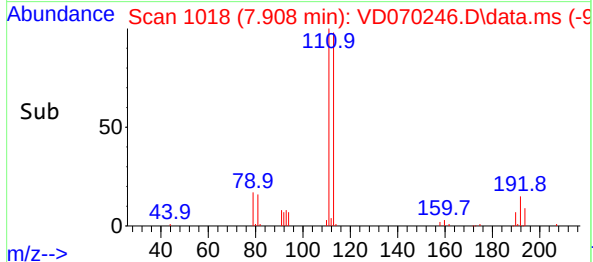
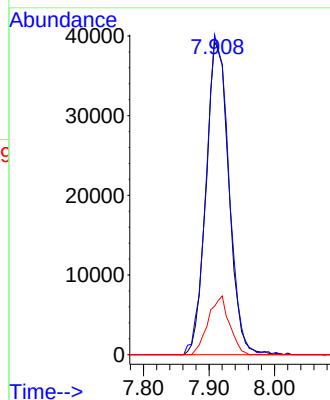
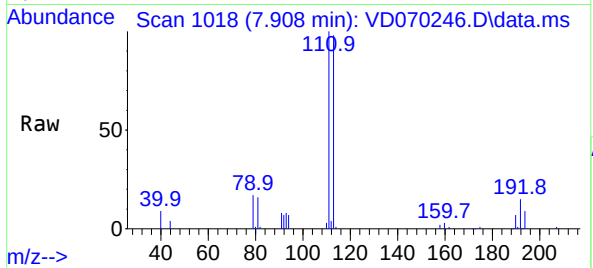




#35
Dibromofluoromethane
Concen: 67.318 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

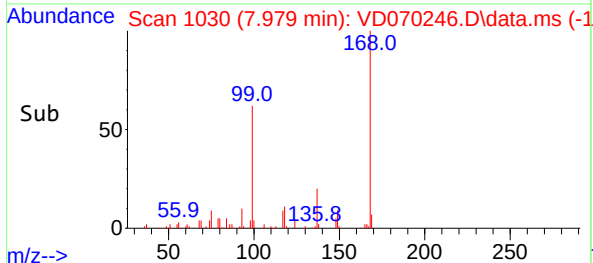
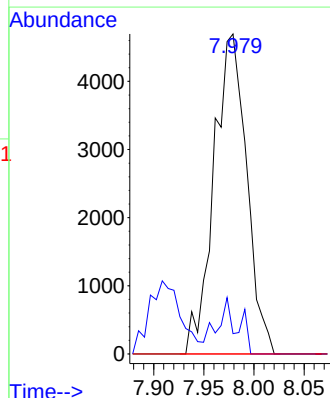
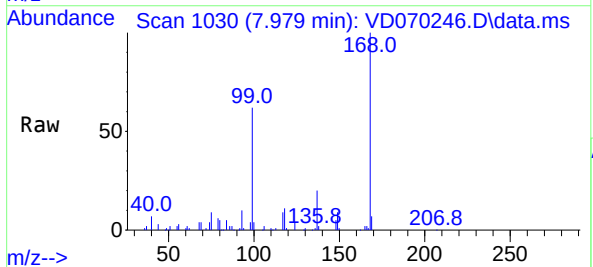
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

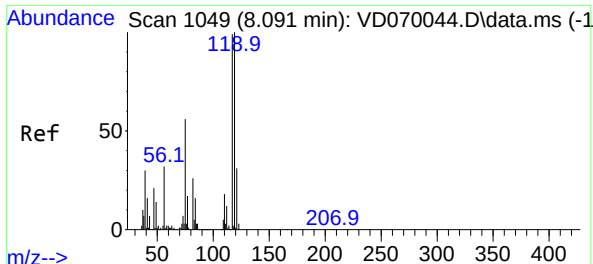
Tgt Ion:	113	Resp:	94819
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	17.5	13.2	19.8



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion:	75	Resp:	10688
Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.9	50.7#
77	0.0	25.2	37.8#

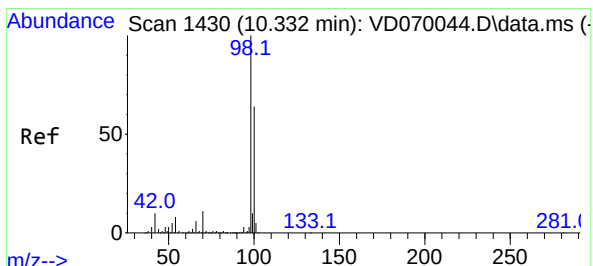
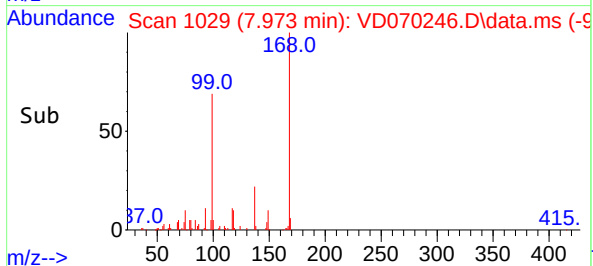
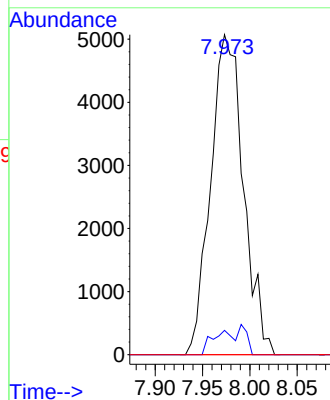
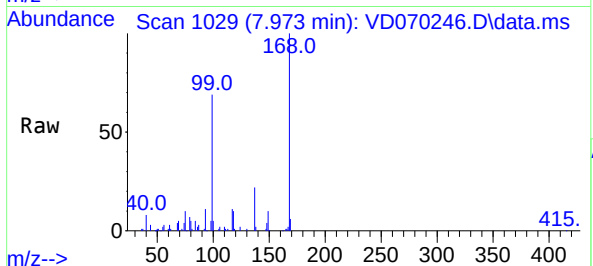




#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

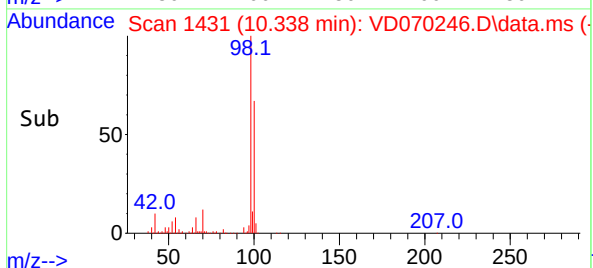
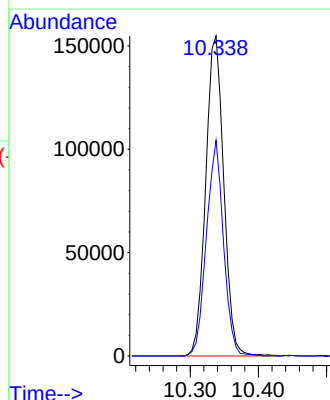
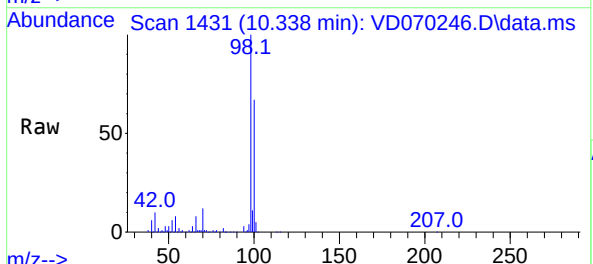
Instrument :
MSVOA_D
ClientSampled :
130-BRE

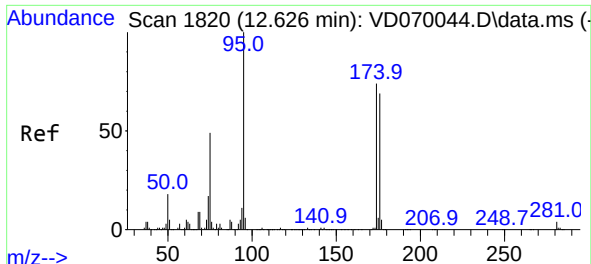
Tgt Ion:117 Resp: 12219
Ion Ratio Lower Upper
117 100
119 7.6 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.044 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 98 Resp: 285119
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

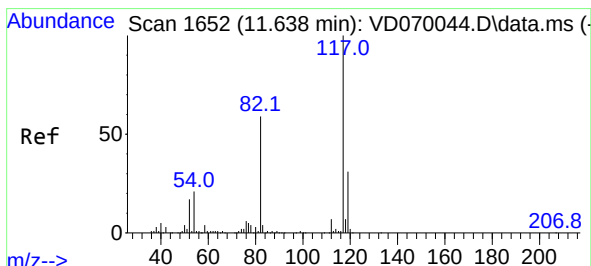
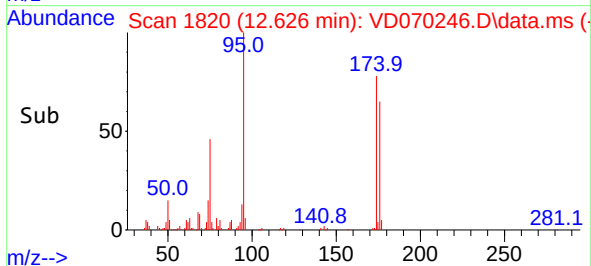
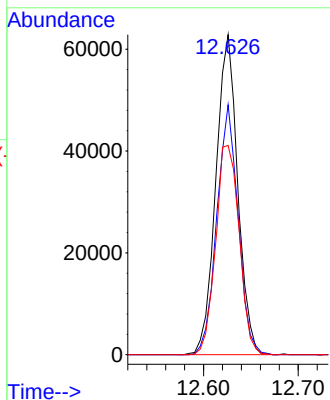
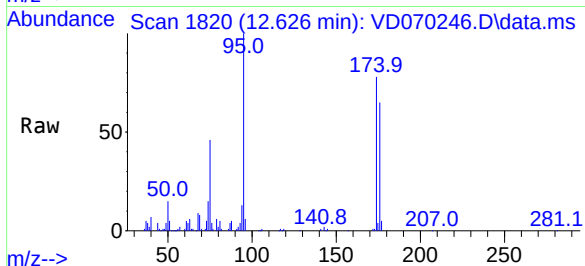




#62
4-Bromofluorobenzene
Concen: 55.786 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

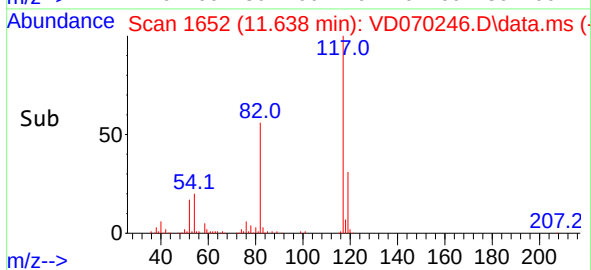
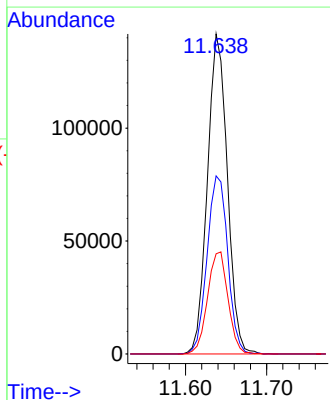
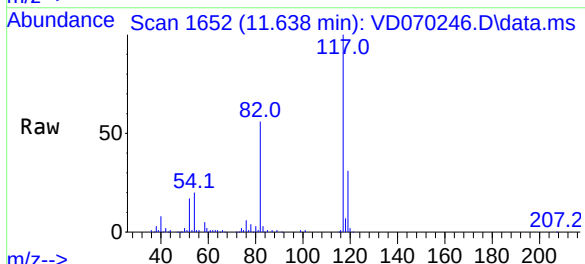
Instrument :
MSVOA_D
ClientSampled :
130-BRE

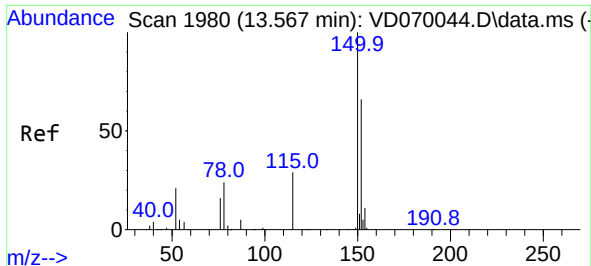
Tgt Ion: 95 Resp: 100662
Ion Ratio Lower Upper
95 100
174 76.3 0.0 141.6
176 70.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 117 Resp: 241513
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 31.3 25.1 37.7

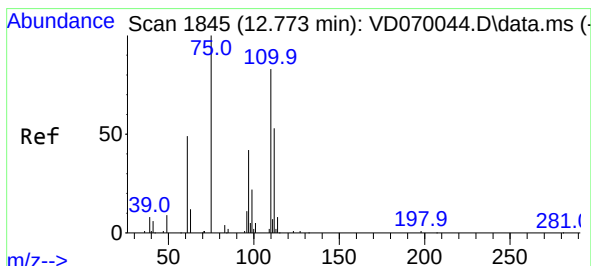
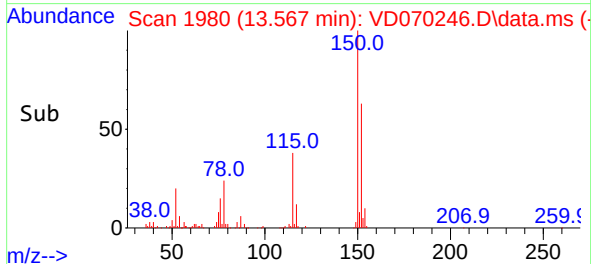
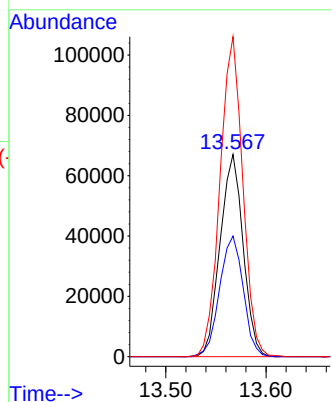
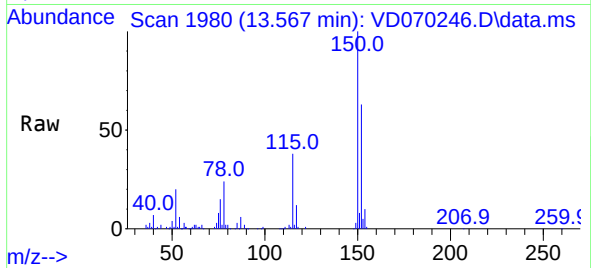




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

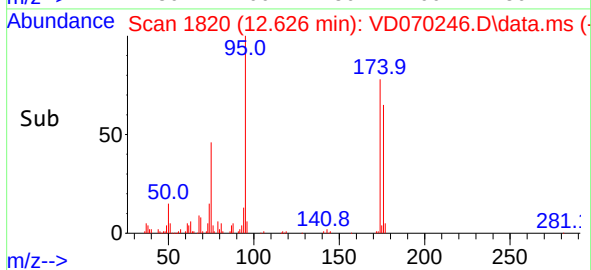
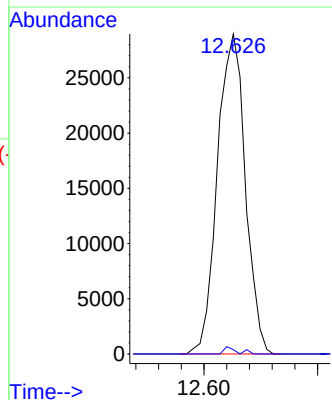
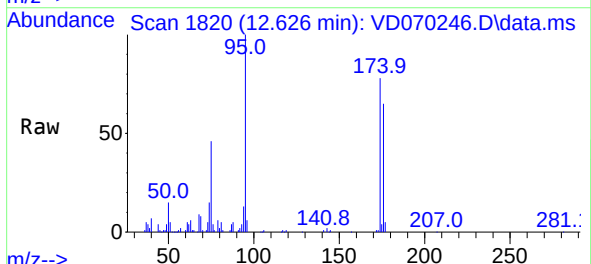
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

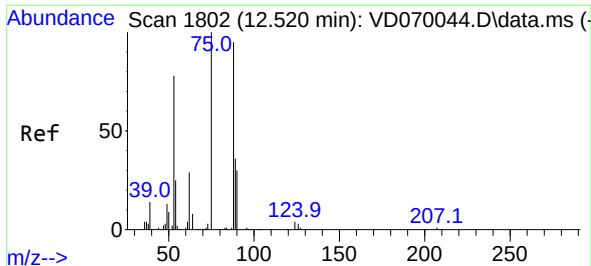
Tgt Ion:152 Resp: 106913
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 156.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 45.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

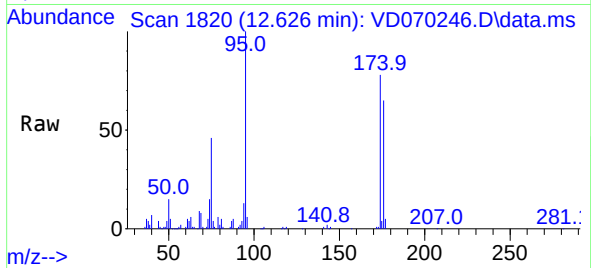
Tgt Ion: 75 Resp: 49435
Ion Ratio Lower Upper
75 100
77 1.0 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.345 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
130-BRE



Tgt Ion: 75 Resp: 49435
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 33.7 50.5#

