

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082421\
 Data File : VD070235.D
 Acq On : 24 Aug 2021 12:07
 Operator : VA/SY
 Sample : VD0824SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBL01

Quant Time: Aug 24 15:39:43 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)

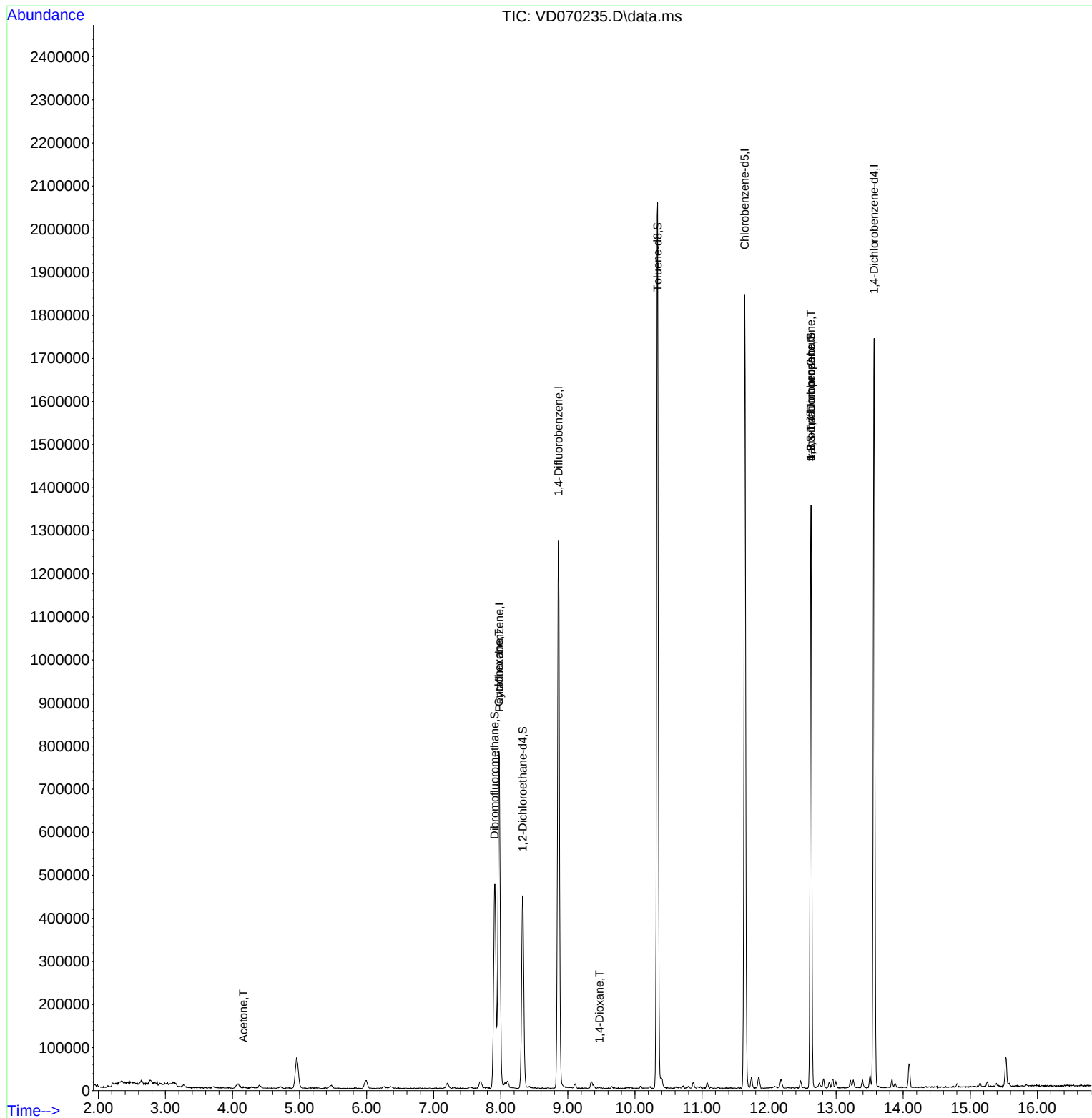
Internal Standards						
1) Pentafluorobenzene	7.979	168	538227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1076018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1055575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	450816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	355943	56.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.460%	
35) Dibromofluoromethane	7.908	113	355690	51.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.338	98	1403857	51.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	12.626	95	454025	50.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	3354	Below Cal	#	70
3) Chloromethane	2.209	50	5432	Below Cal		97
5) Bromomethane	2.779	94	7574	Below Cal		87
16) Acetone	4.161	43	3959	3.395	ug/l	90
20) Methylene Chloride	4.956	84	56424	Below Cal		96
31) Cyclohexane	7.973	56	18670	1.490	ug/l #	17
49) 1,4-Dioxane	9.473	88	228	4.946	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	227758	49.817	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	227758	129.307	ug/l #	18

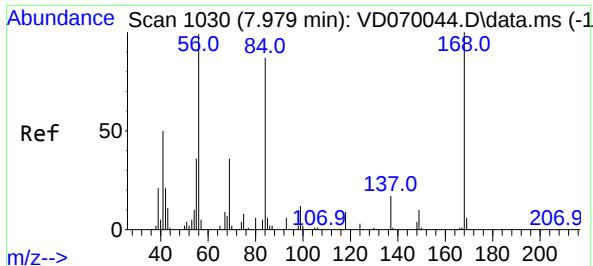
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082421\
Data File : VD070235.D
Acq On : 24 Aug 2021 12:07
Operator : VA/SY
Sample : VD0824SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

Quant Time: Aug 24 15:39:43 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

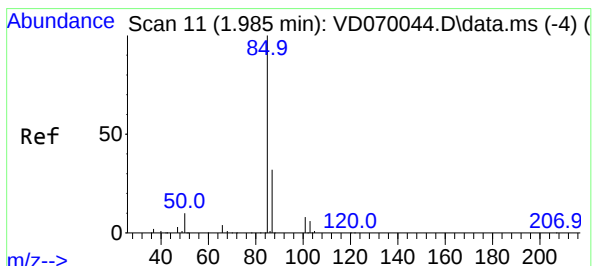
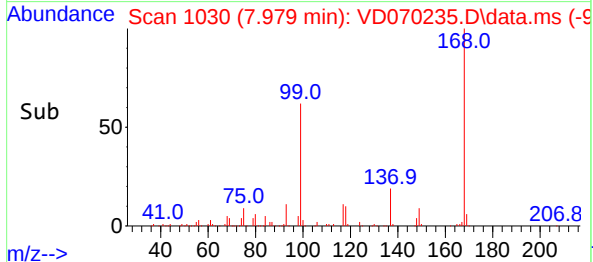
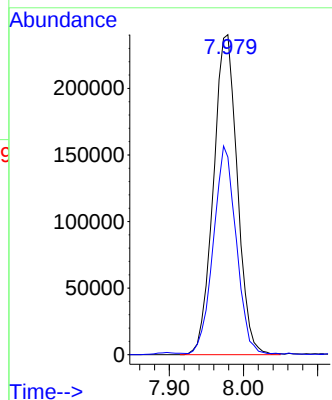
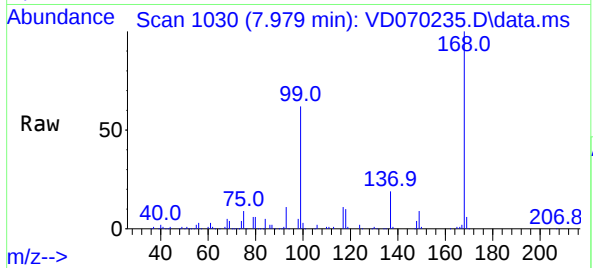




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

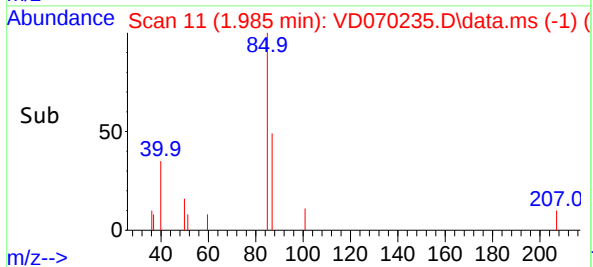
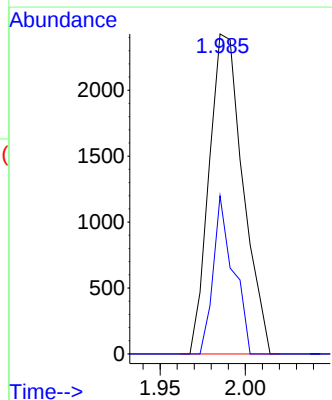
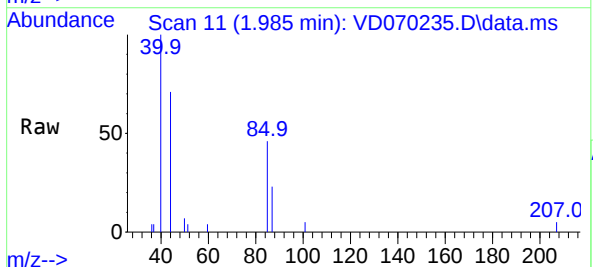
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

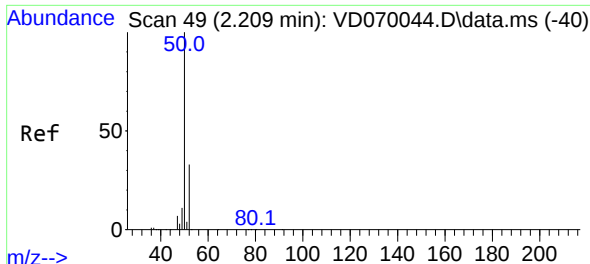
Tgt Ion:168 Resp: 538227
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion: 85 Resp: 3354
Ion Ratio Lower Upper
85 100
87 49.4 16.2 48.6#

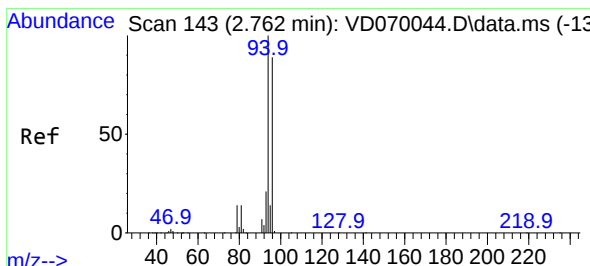
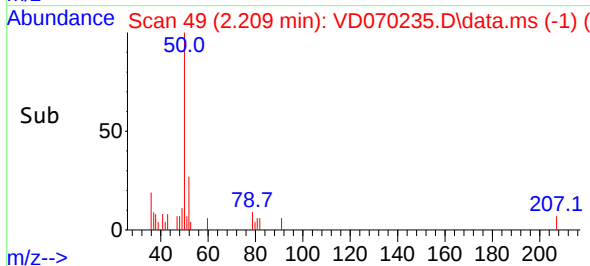
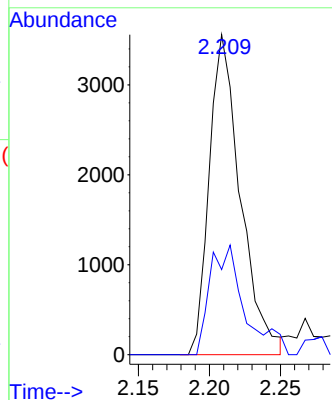
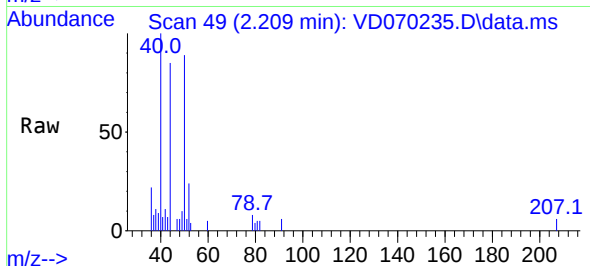




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

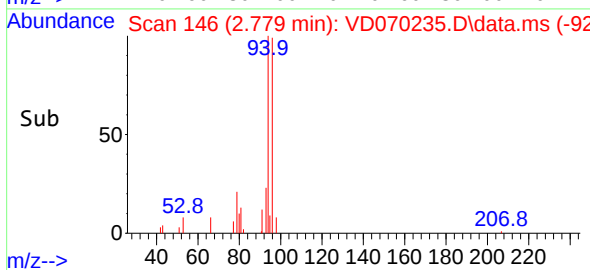
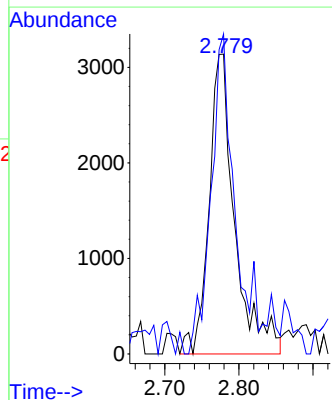
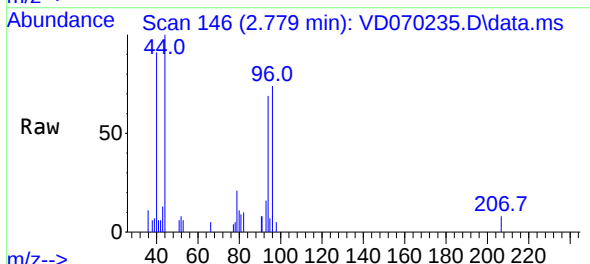
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

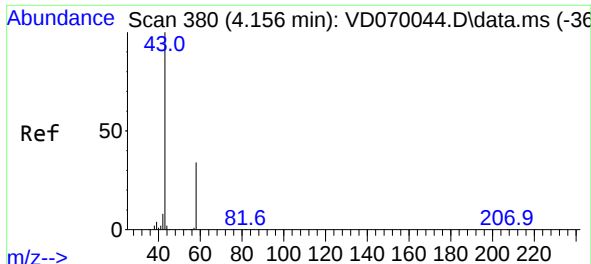
Tgt Ion: 50 Resp: 5432
Ion Ratio Lower Upper
50 100
52 31.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion: 94 Resp: 7574
Ion Ratio Lower Upper
94 100
96 100.6 70.9 106.3

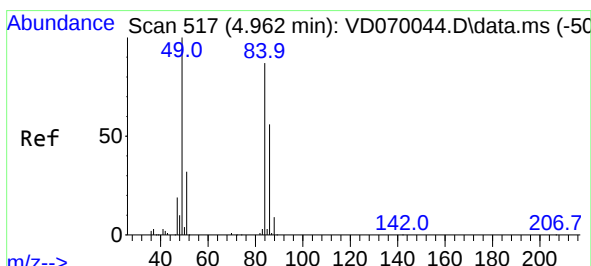
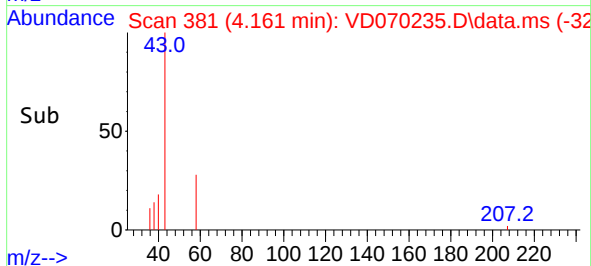
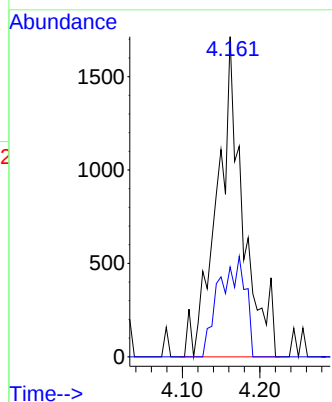
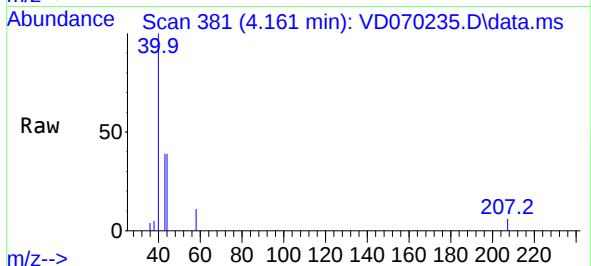




#16
Acetone
Concen: 3.395 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

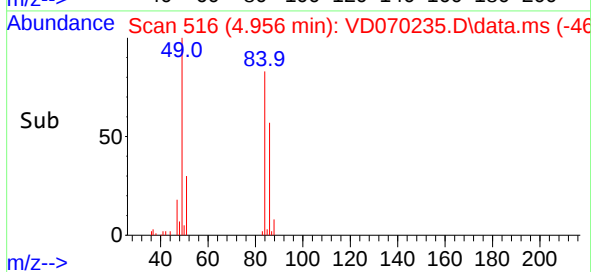
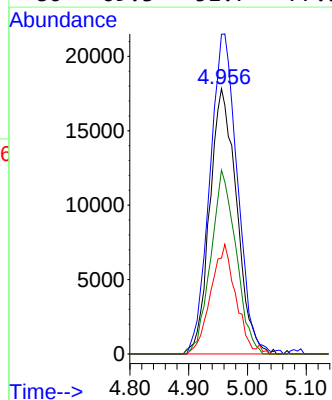
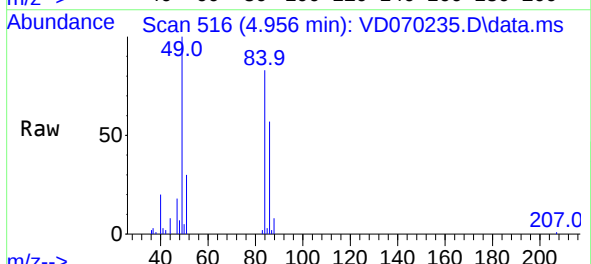
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

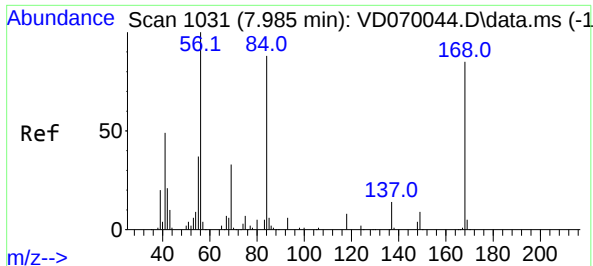
Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
58 28.0 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion: 84 Resp: 56424
Ion Ratio Lower Upper
84 100
49 120.6 92.5 138.7
51 36.1 29.7 44.5
86 69.3 51.7 77.5





#31

Cyclohexane

Concen: 1.490 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070235.D

Acq: 24 Aug 2021 12:07

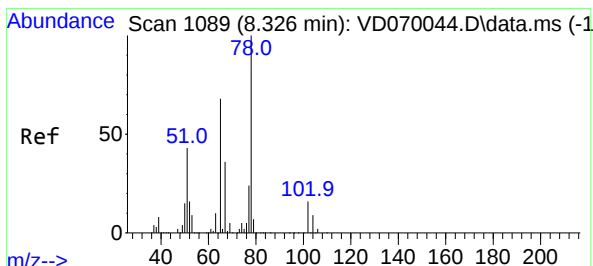
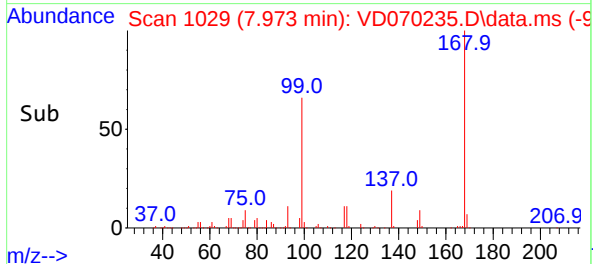
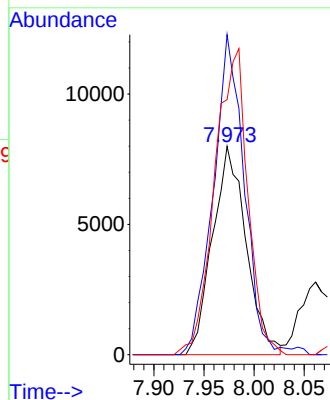
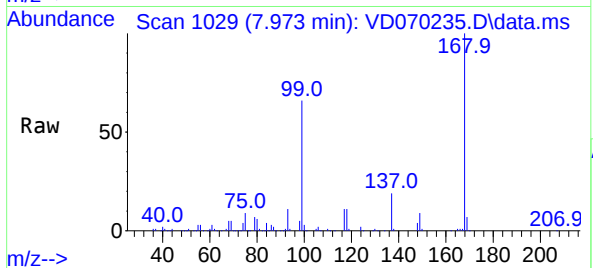
Tgt Ion: 56 Resp: 18670

Ion Ratio Lower Upper

56 100

69 153.6 26.7 40.1#

84 120.3 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 56.228 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070235.D

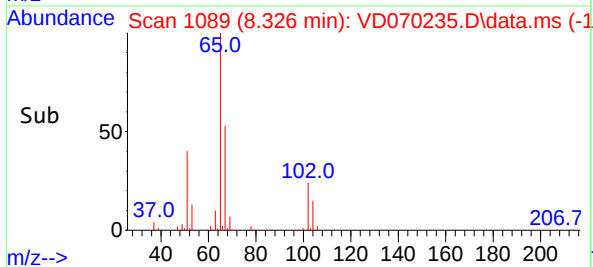
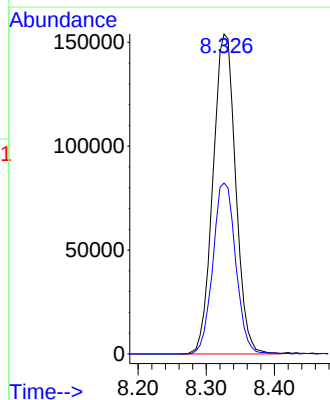
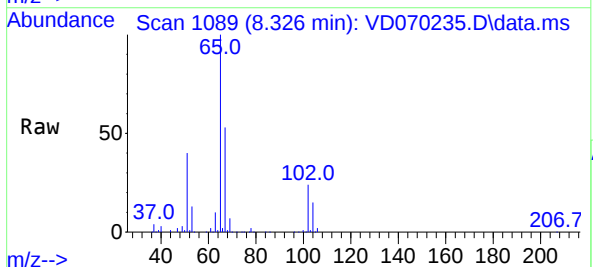
Acq: 24 Aug 2021 12:07

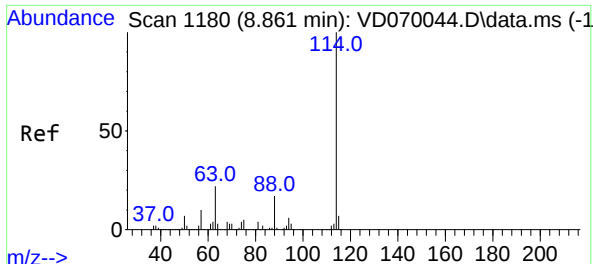
Tgt Ion: 65 Resp: 355943

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



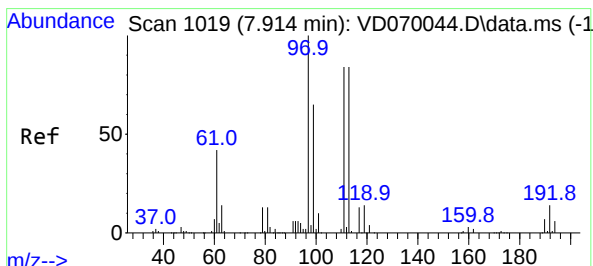
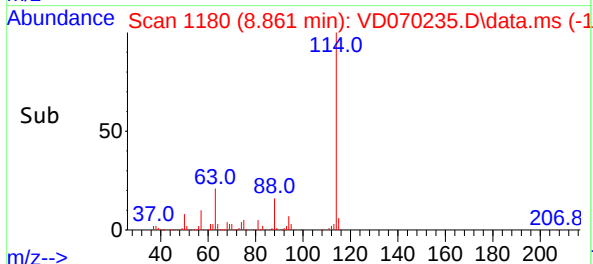
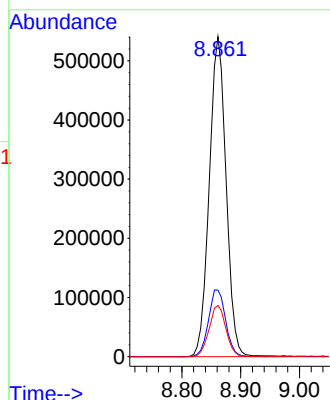
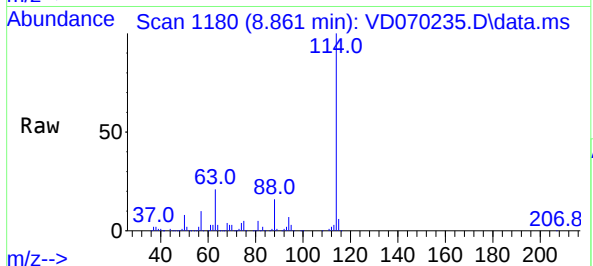


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

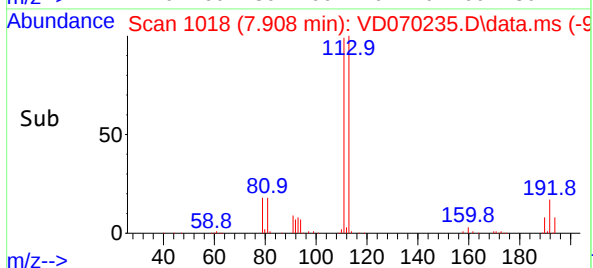
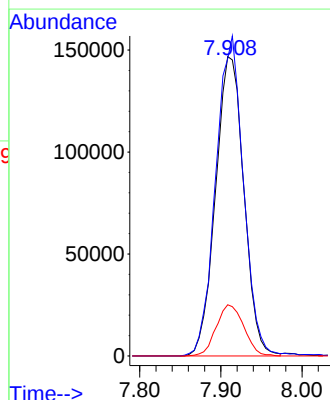
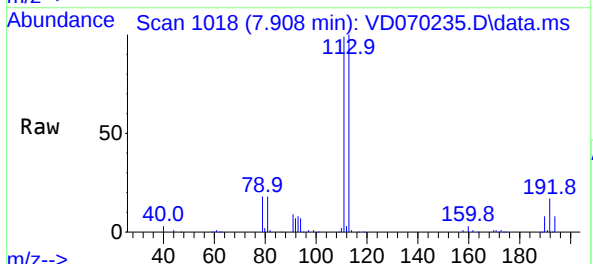
Tgt Ion:114 Resp: 1076018
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 16.0 0.0 33.4

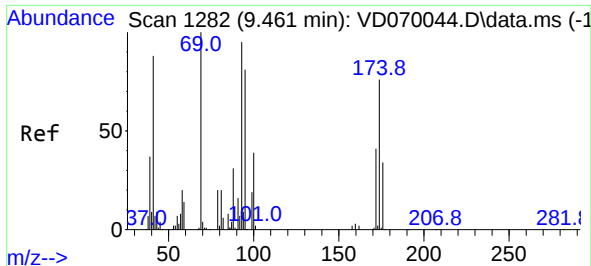


#35

Dibromofluoromethane
Concen: 51.165 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion:113 Resp: 355690
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 16.7 13.2 19.8

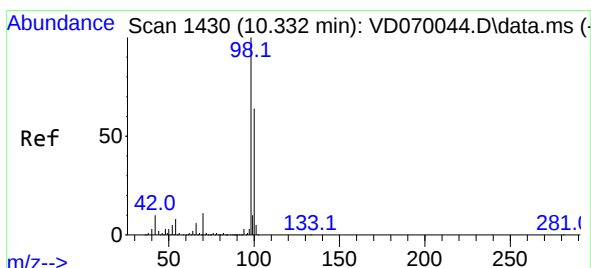
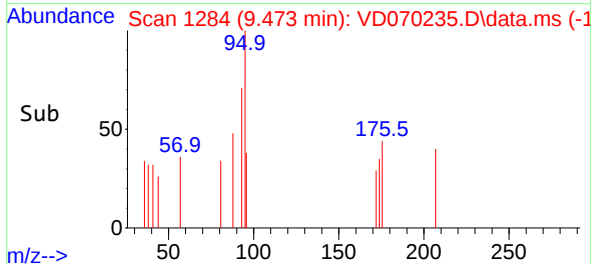
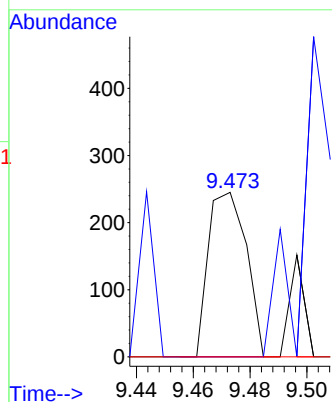
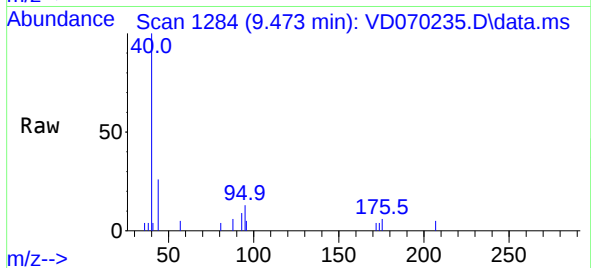




#49
1,4-Dioxane
Concen: 4.946 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.012 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

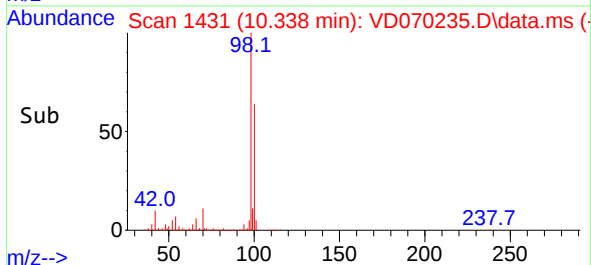
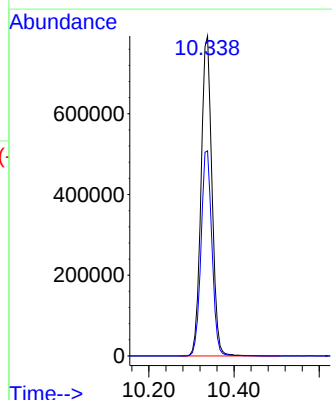
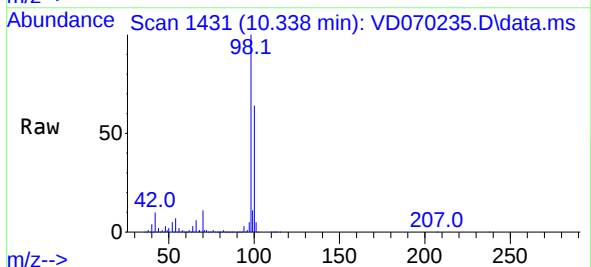
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

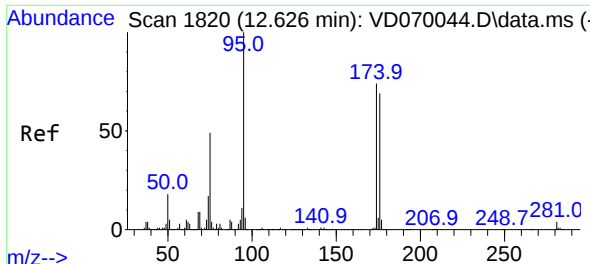
Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 57.4 86.2#



#50
Toluene-d8
Concen: 51.920 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion: 98 Resp: 1403857
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

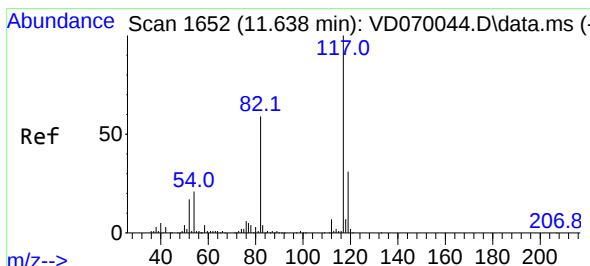
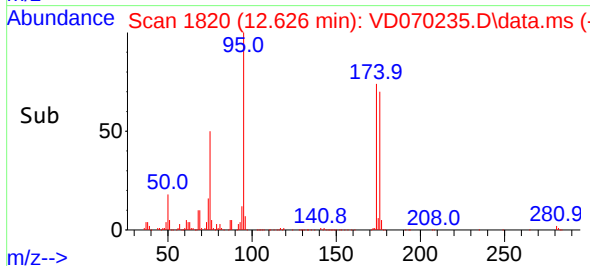
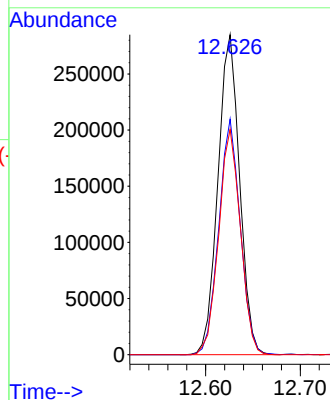
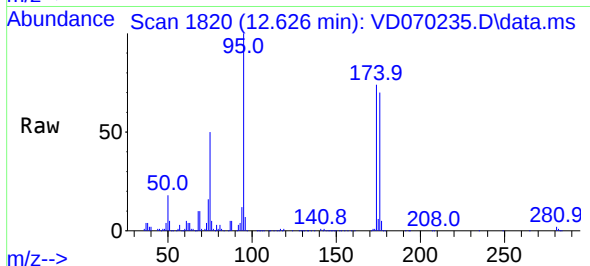




#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

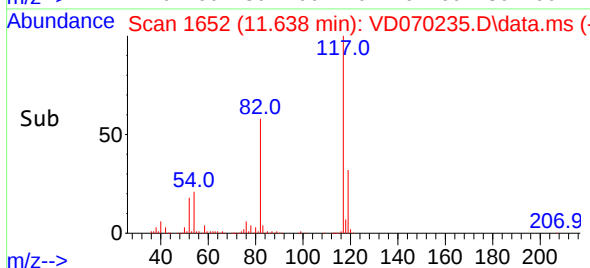
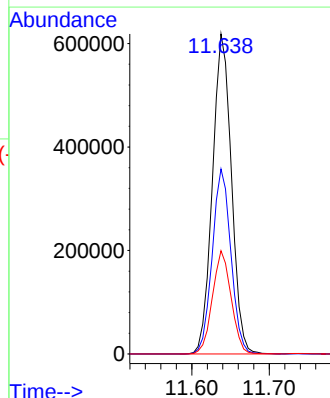
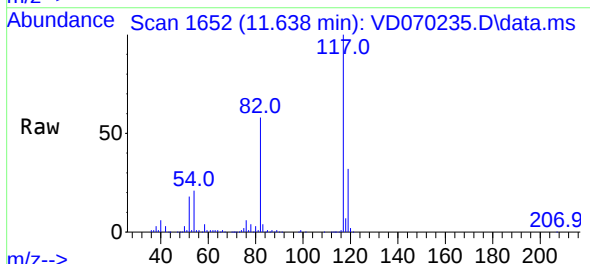
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

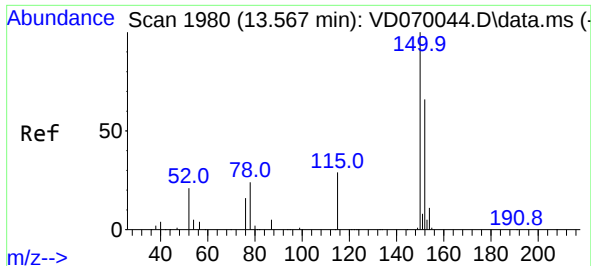
Tgt Ion:	95	Resp:	454025
Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.4	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Tgt Ion:	117	Resp:	1055575
Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.5	71.3
119	32.3	25.1	37.7

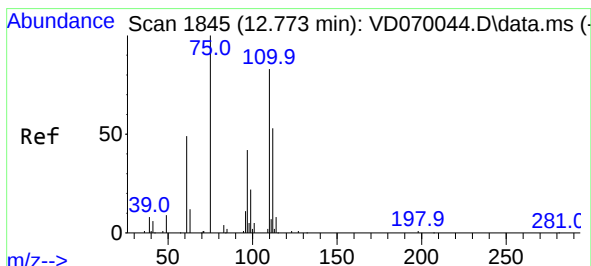
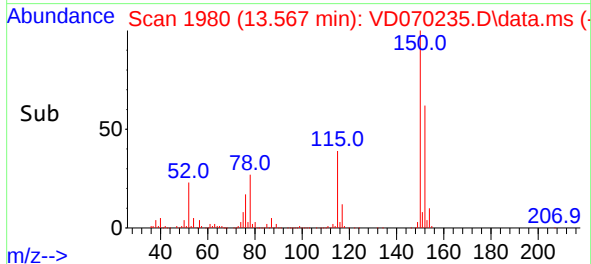
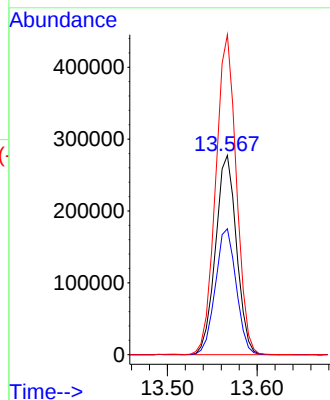
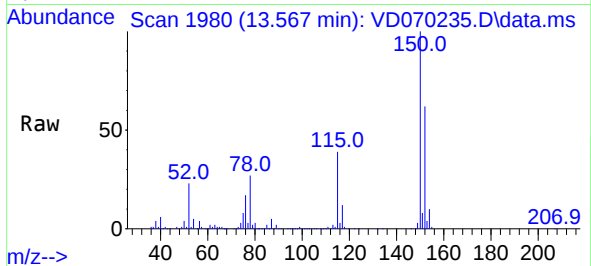




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

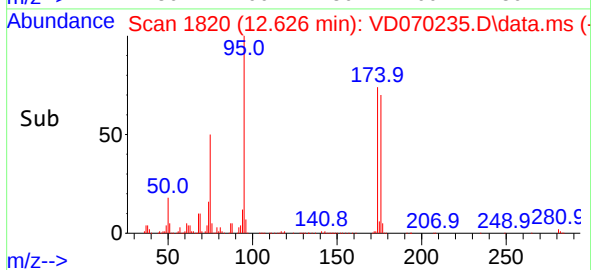
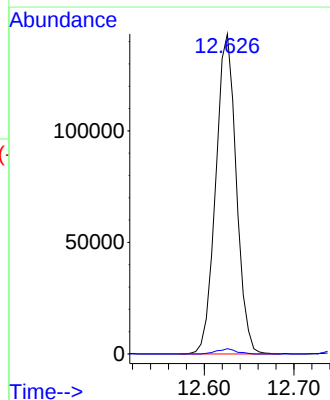
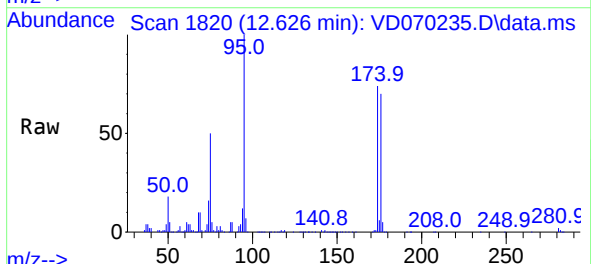
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

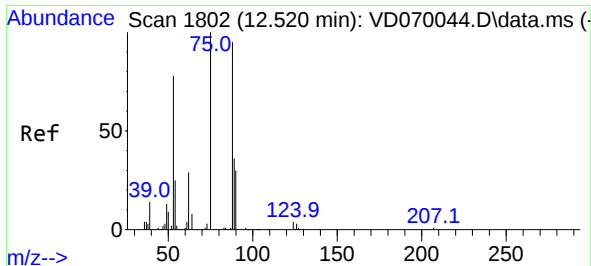
Tgt Ion:152 Resp: 450816
Ion Ratio Lower Upper
152 100
115 62.8 31.2 93.6
150 158.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 49.817 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

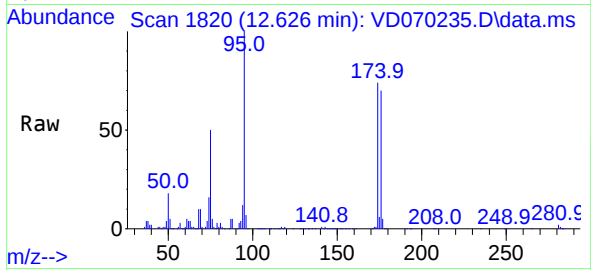
Tgt Ion: 75 Resp: 227758
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070235.D
Acq: 24 Aug 2021 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01



Tgt Ion: 75 Resp: 227758
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

