

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070137.D
 Acq On : 18 Aug 2021 19:42
 Operator : VA/SY
 Sample : M3435-23
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-26-0306

Quant Time: Aug 19 07:34:10 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	568157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1091551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1056895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	355886	53.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.520%
35) Dibromofluoromethane	7.914	113	362108	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.338	98	1392066	50.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.626	95	452450	50.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.160%

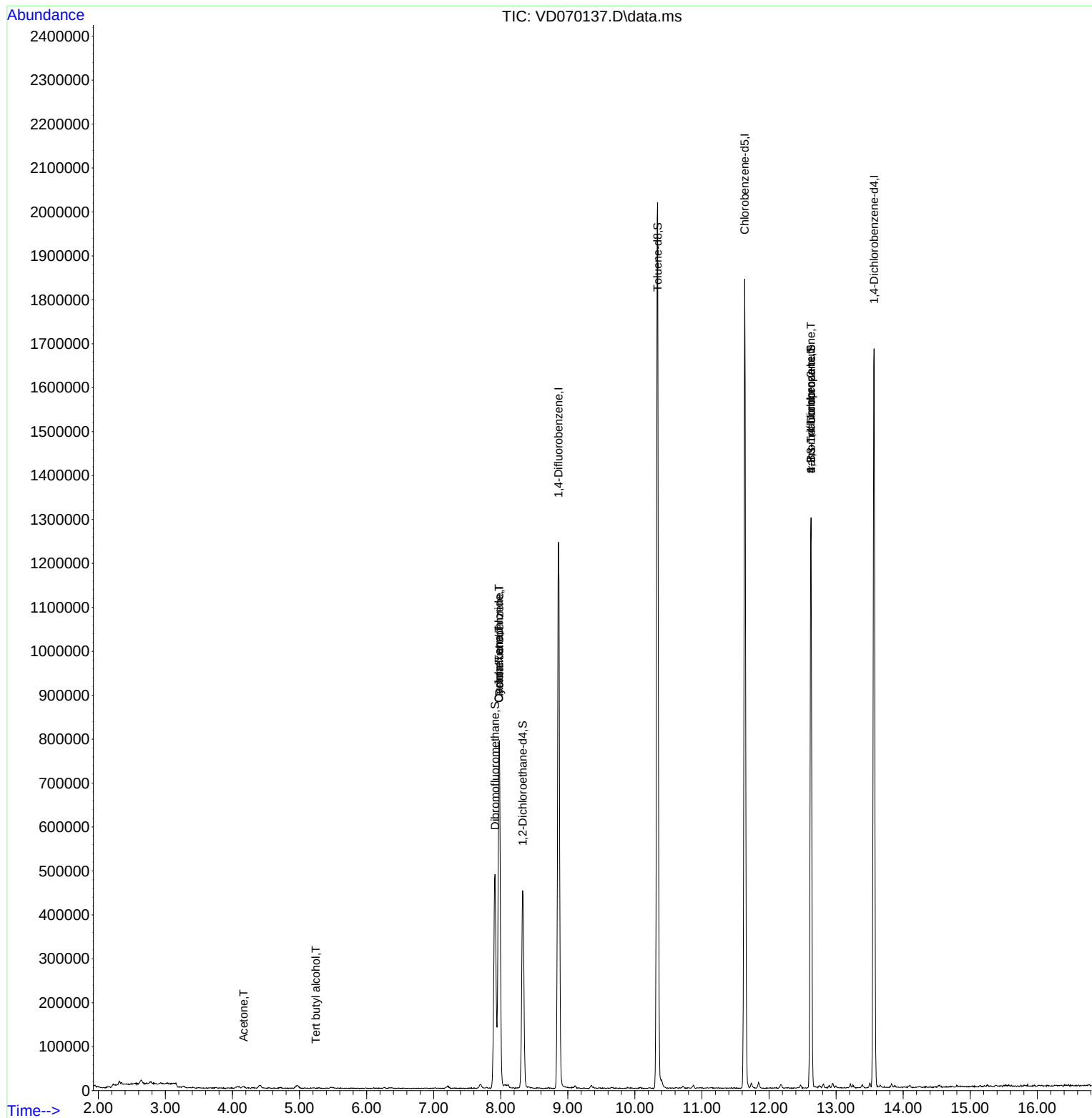
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	1720	Below Cal	80
3) Chloromethane	2.209	50	2851	Below Cal	92
5) Bromomethane	2.785	94	4380	Below Cal	# 43
11) Tert butyl alcohol	5.244	59	685	1.855 ug/l	# 71
16) Acetone	4.168	43	7535	6.121 ug/l	89
20) Methylene Chloride	4.956	84	5586	Below Cal	# 56
31) Cyclohexane	7.973	56	15370	1.162 ug/l	# 1
38) Carbon Tetrachloride	7.973	117	59441	5.576 ug/l	# 14
76) 1,2,3-Trichloropropane	12.626	75	223430	48.552 ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	223430	126.024 ug/l	# 17

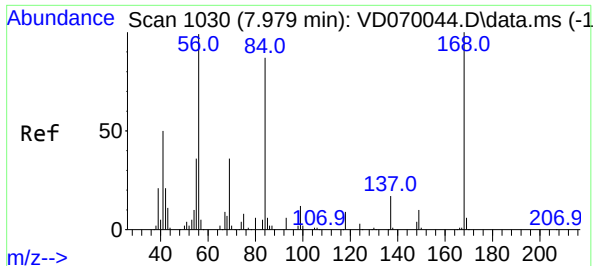
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
Data File : VD070137.D
Acq On : 18 Aug 2021 19:42
Operator : VA/SY
Sample : M3435-23
Misc : 6.51G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

Quant Time: Aug 19 07:34:10 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

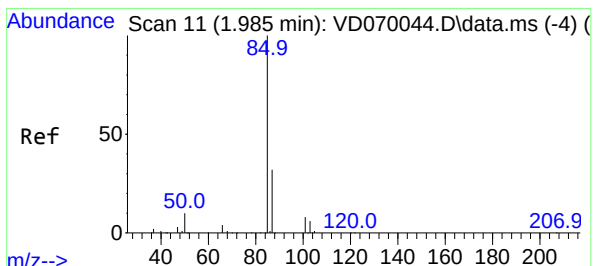
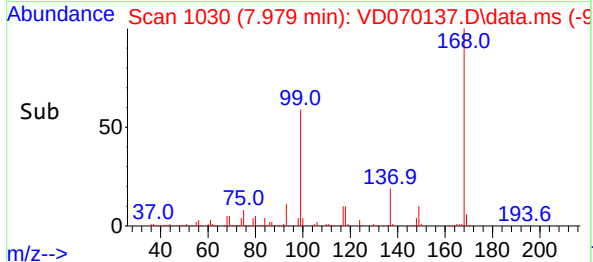
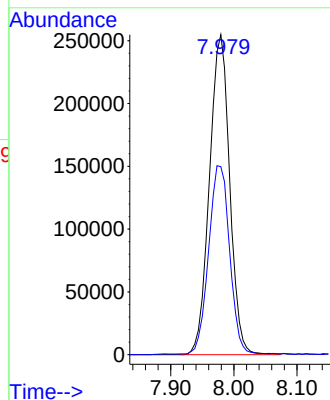
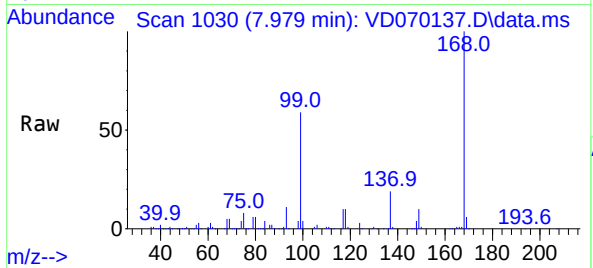




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

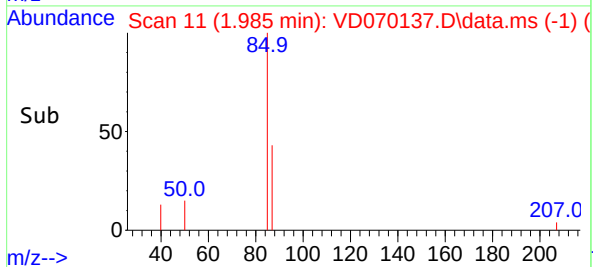
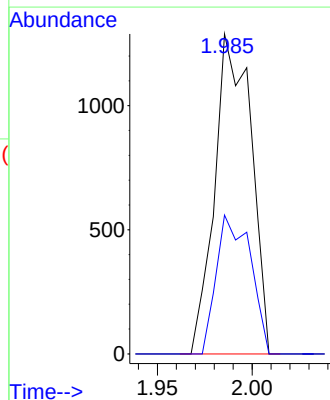
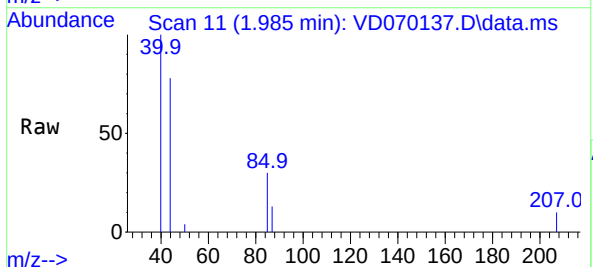
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

Tgt Ion:168 Resp: 568157
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5

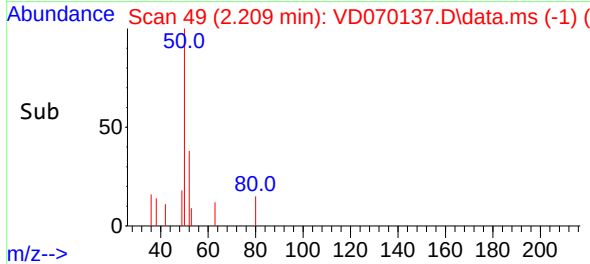
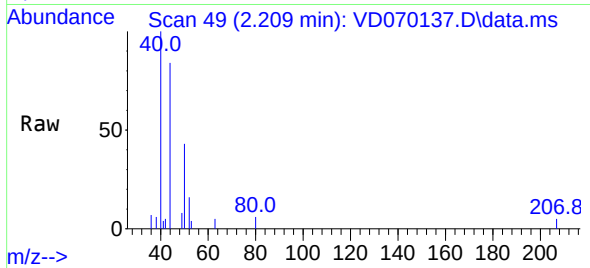
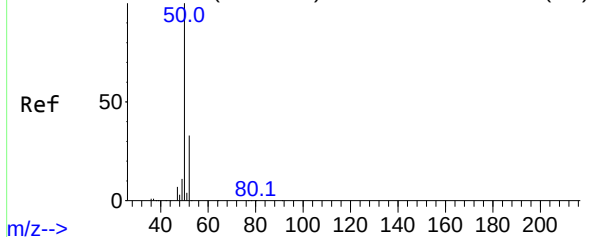


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 85 Resp: 1720
Ion Ratio Lower Upper
85 100
87 43.4 16.2 48.6

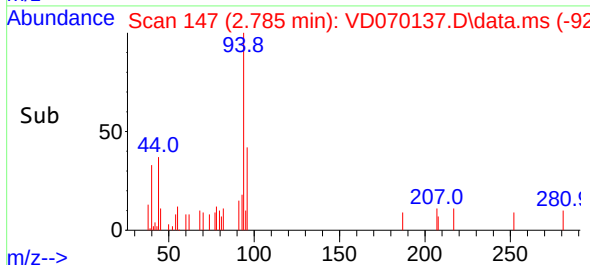
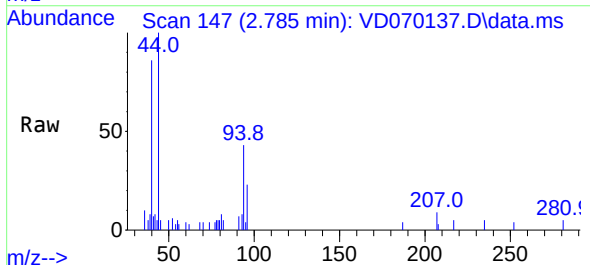
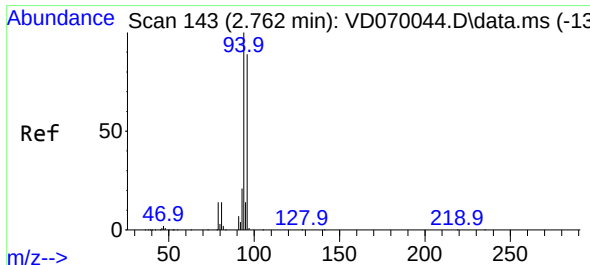
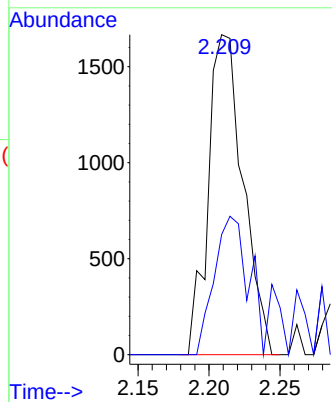


Abundance Scan 49 (2.209 min): VD070044.D\data.ms (-40)



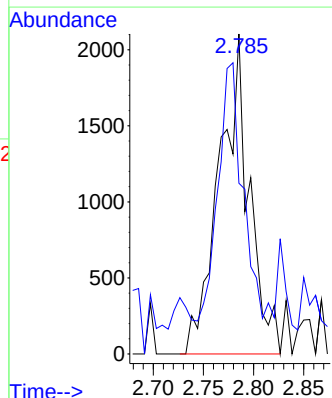
#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

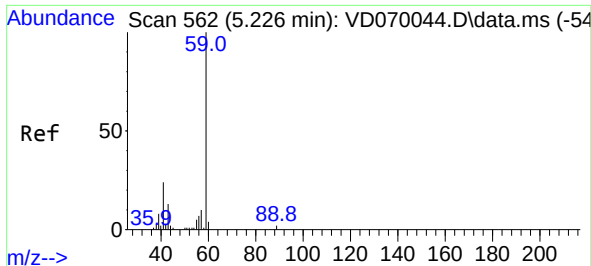
Tgt Ion: 50 Resp: 2851
Ion Ratio Lower Upper
50 100
52 37.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 94 Resp: 4380
Ion Ratio Lower Upper
94 100
96 35.8 70.9 106.3#



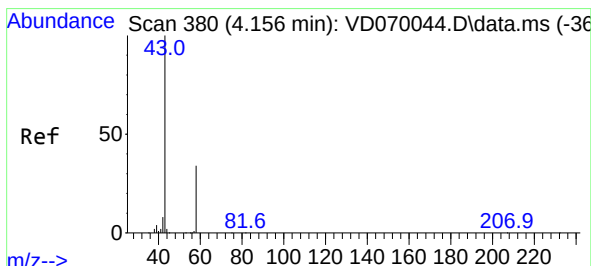
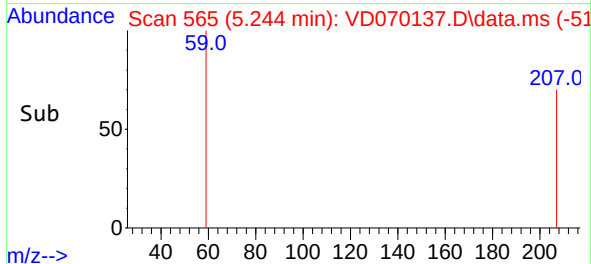
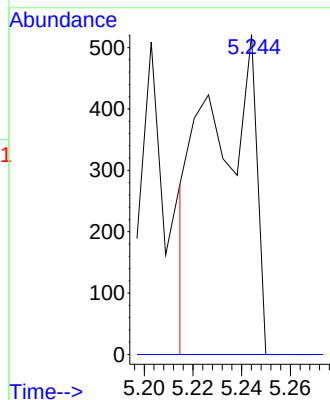
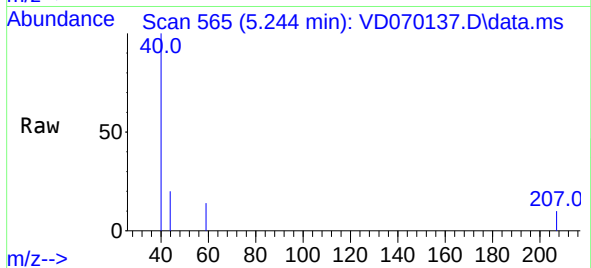


#11

Tert butyl alcohol
Concen: 1.855 ug/l
RT: 5.244 min Scan# 565
Delta R.T. 0.018 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

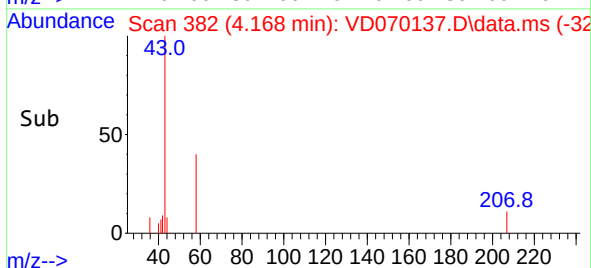
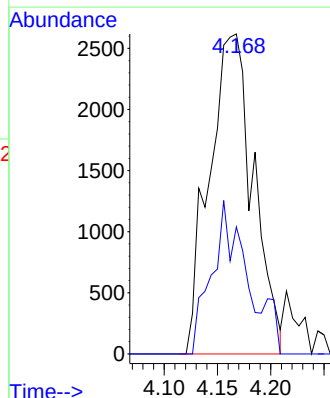
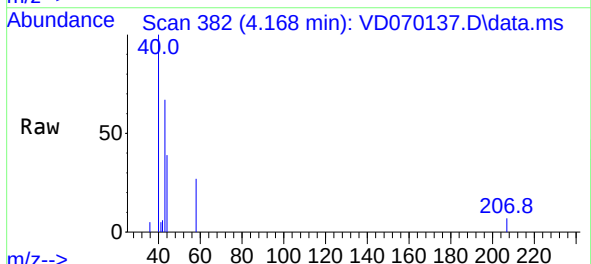
Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

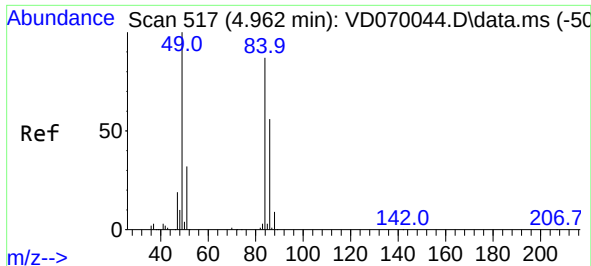


#16

Acetone
Concen: 6.121 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

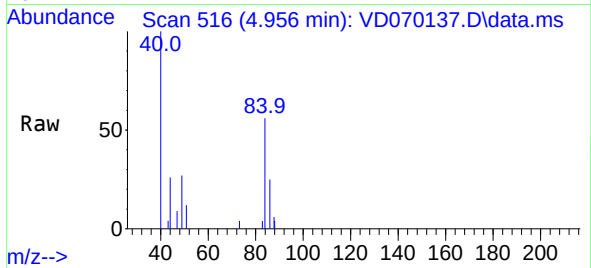
Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
58 39.7 26.8 40.2





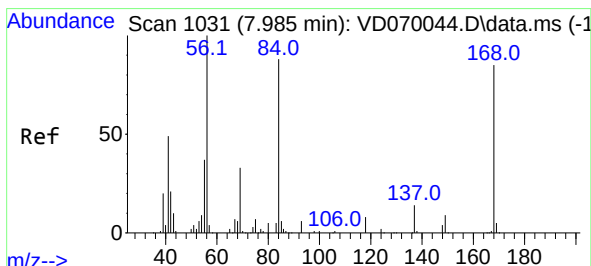
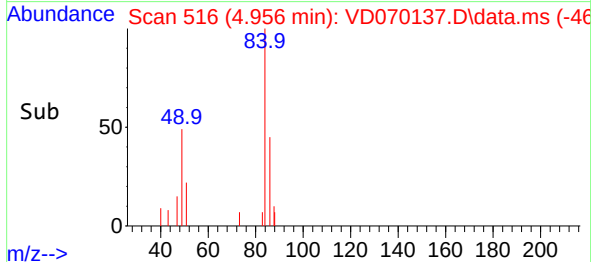
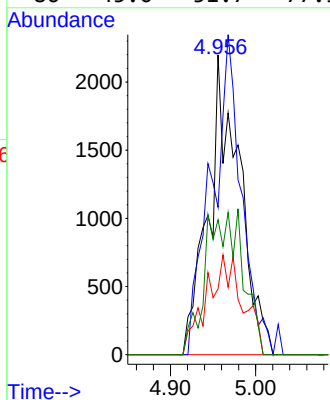
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306



Tgt Ion: 84 Resp: 5586

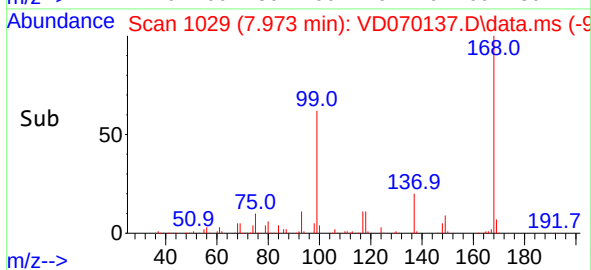
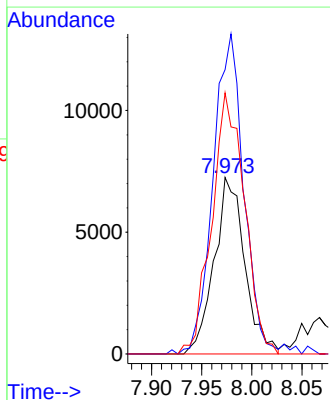
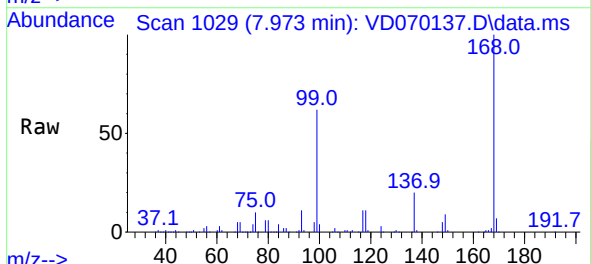
Ion	Ratio	Lower	Upper
84	100		
49	49.2	92.5	138.7#
51	22.0	29.7	44.5#
86	45.0	51.7	77.5#

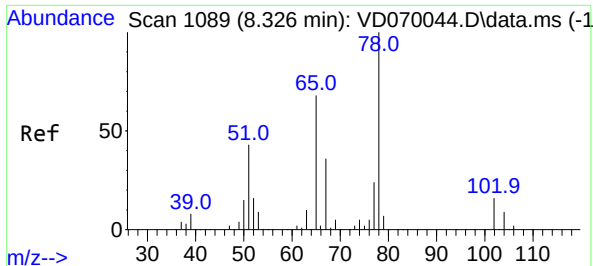


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 56 Resp: 15370

Ion	Ratio	Lower	Upper
56	100		
69	161.1	26.7	40.1#
84	148.0	70.4	105.6#

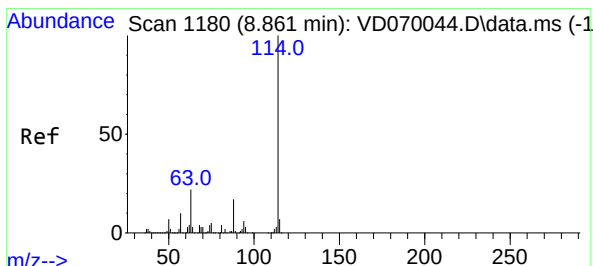
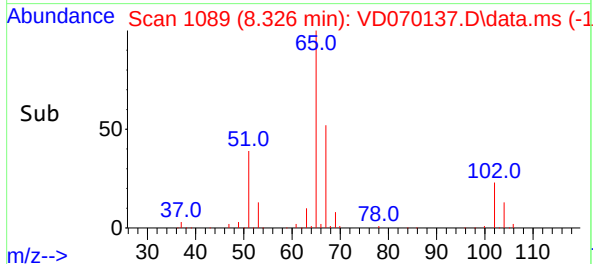
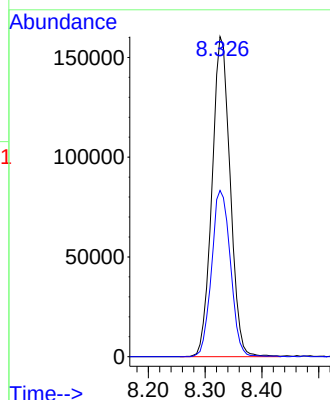
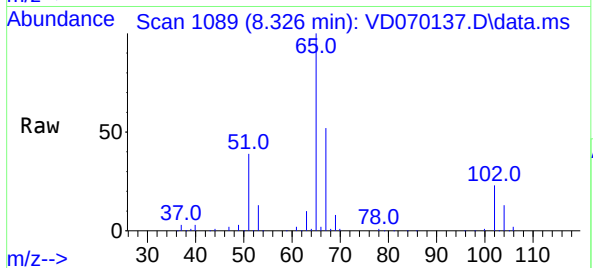




#33
1,2-Dichloroethane-d4
Concen: 53.257 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

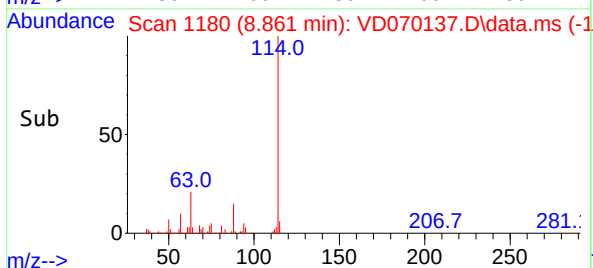
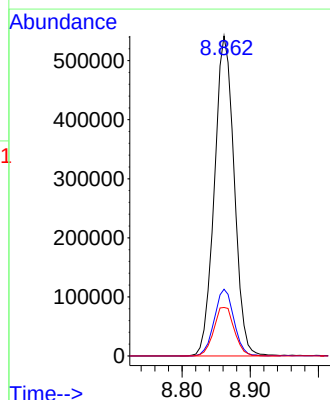
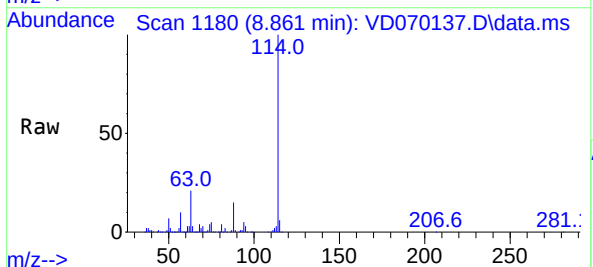
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

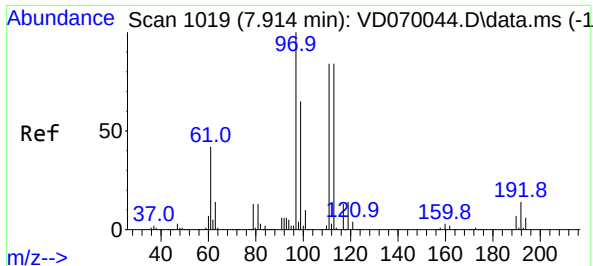
Tgt Ion: 65 Resp: 355886
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion:114 Resp: 1091551
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 15.1 0.0 33.4



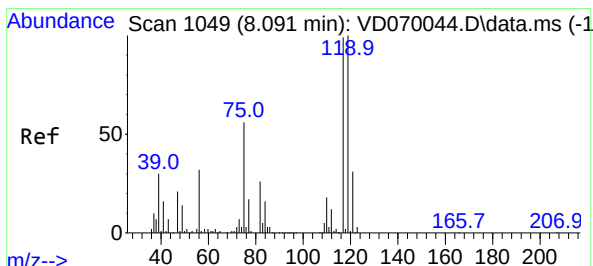
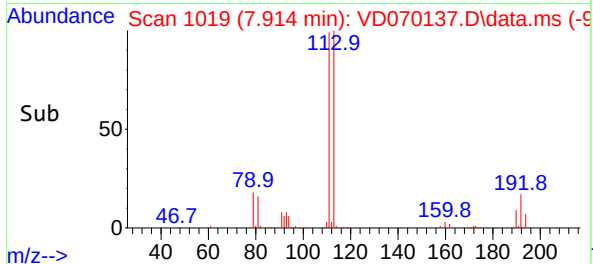
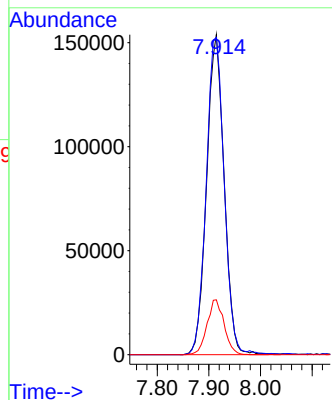
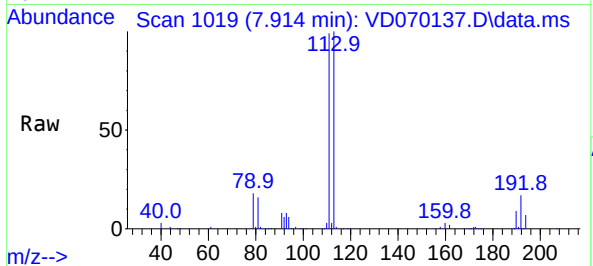


#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

Tgt Ion:113 Resp: 362108

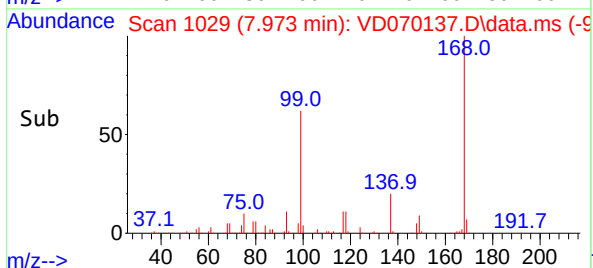
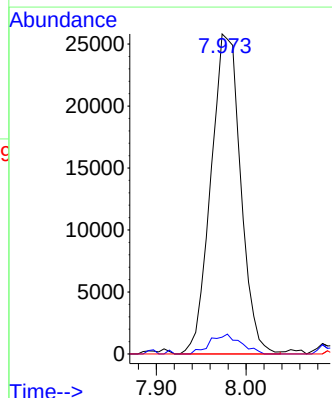
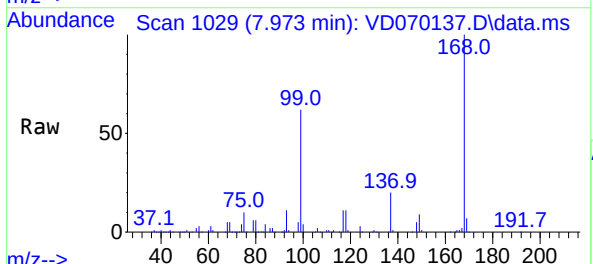
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	16.7	13.2	19.8

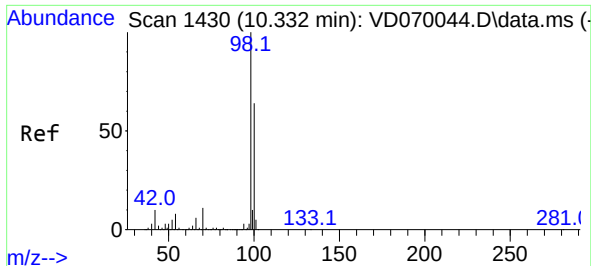


#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion:117 Resp: 59441

Ion	Ratio	Lower	Upper
117	100		
119	5.2	81.0	121.6#
121	0.0	25.0	37.6#

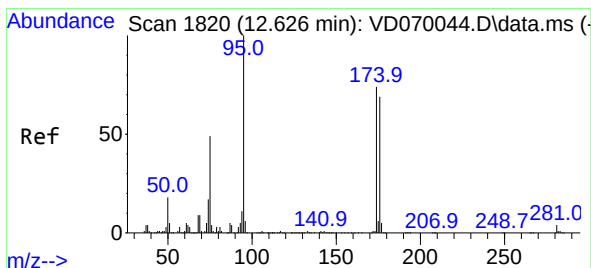
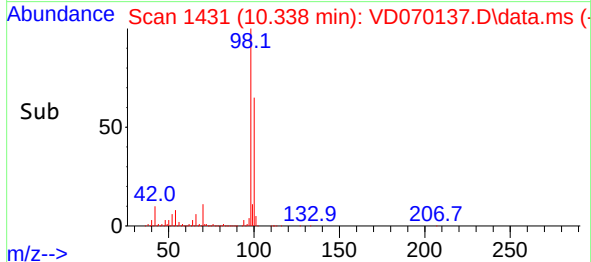
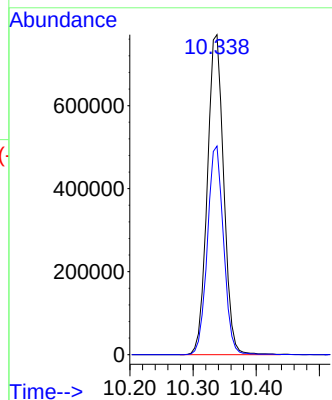
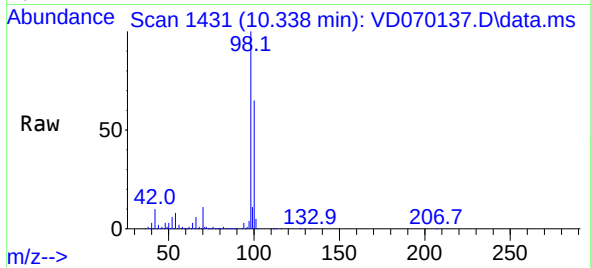




#50
Toluene-d8
Concen: 50.752 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

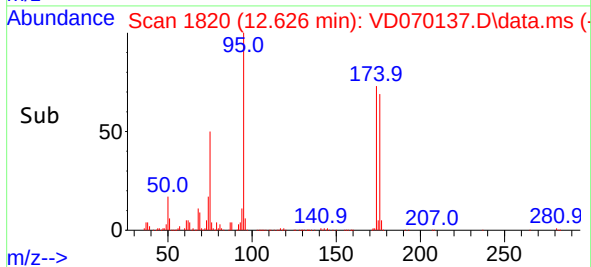
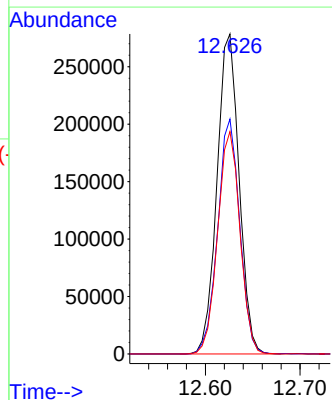
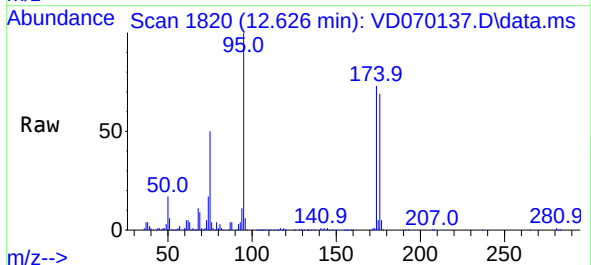
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

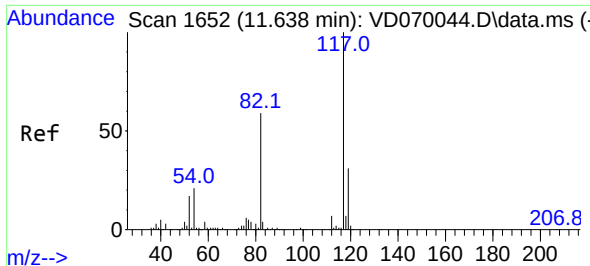
Tgt Ion: 98 Resp: 1392066
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

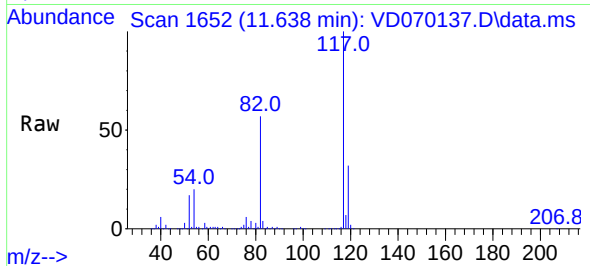
Tgt Ion: 95 Resp: 452450
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.9 0.0 138.2



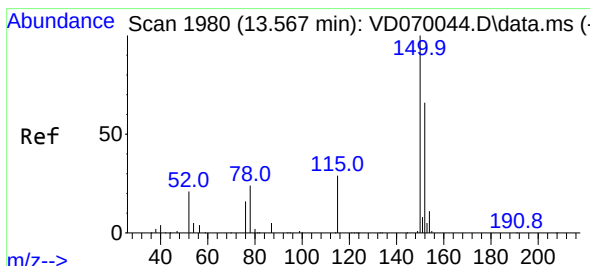
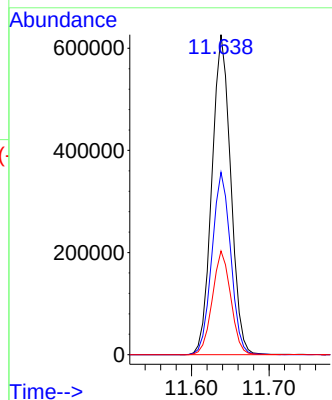
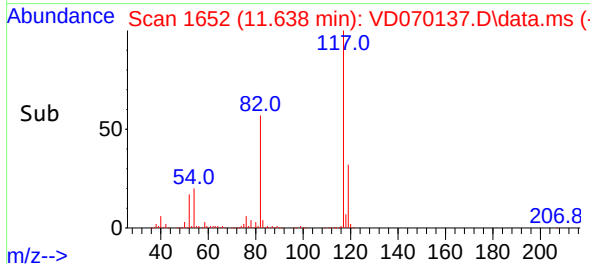


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

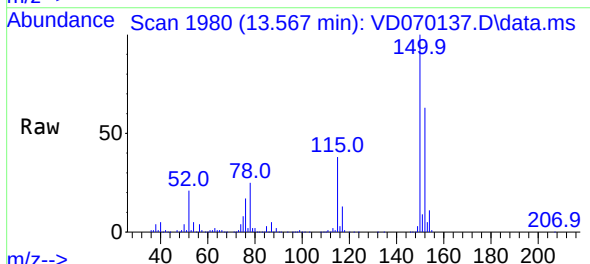
Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306



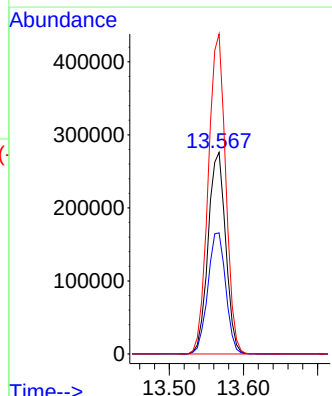
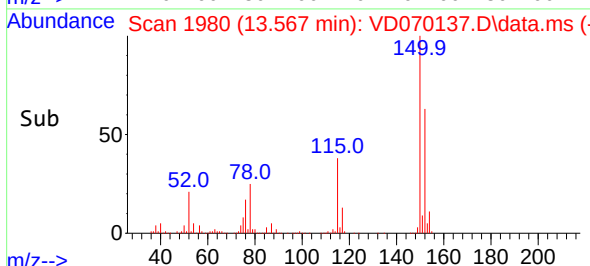
Tgt Ion:117 Resp: 1056895
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.4 25.1 37.7

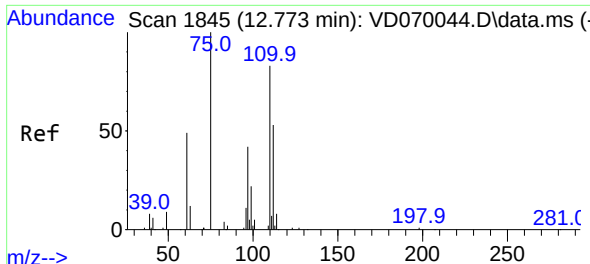


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42



Tgt Ion:152 Resp: 453769
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 157.7 0.0 352.0

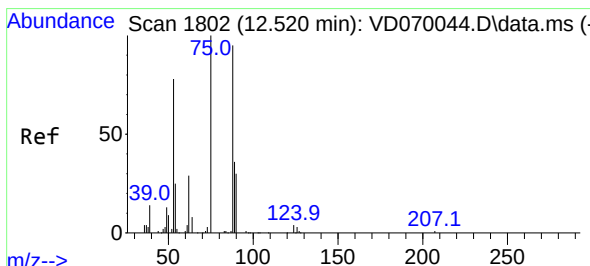
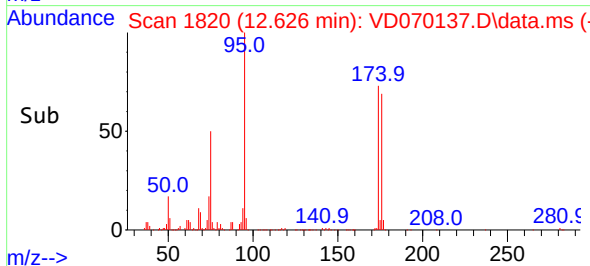
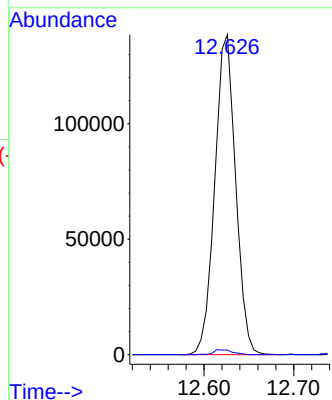
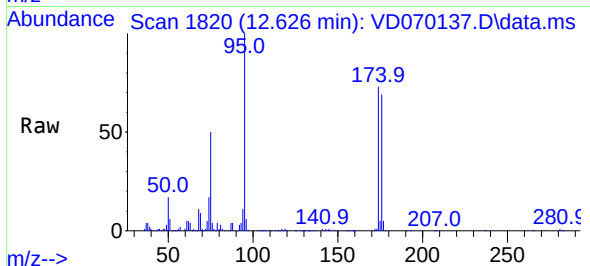




#76
1,2,3-Trichloropropane
Concen: 48.552 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
SWCS-26-0306

Tgt Ion: 75 Resp: 223430
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.024 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070137.D
Acq: 18 Aug 2021 19:42

Tgt Ion: 75 Resp: 223430
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.1 33.7 50.5#

