

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070083.D
 Acq On : 17 Aug 2021 12:48
 Operator : VA/SY
 Sample : M3368-11
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-1015

Quant Time: Aug 18 03:06:19 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	524774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1112759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1055415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	444371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	370394	60.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.020%
35) Dibromofluoromethane	7.914	113	373912	52.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.338	98	1443871	51.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.626	95	453459	49.236	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.480%

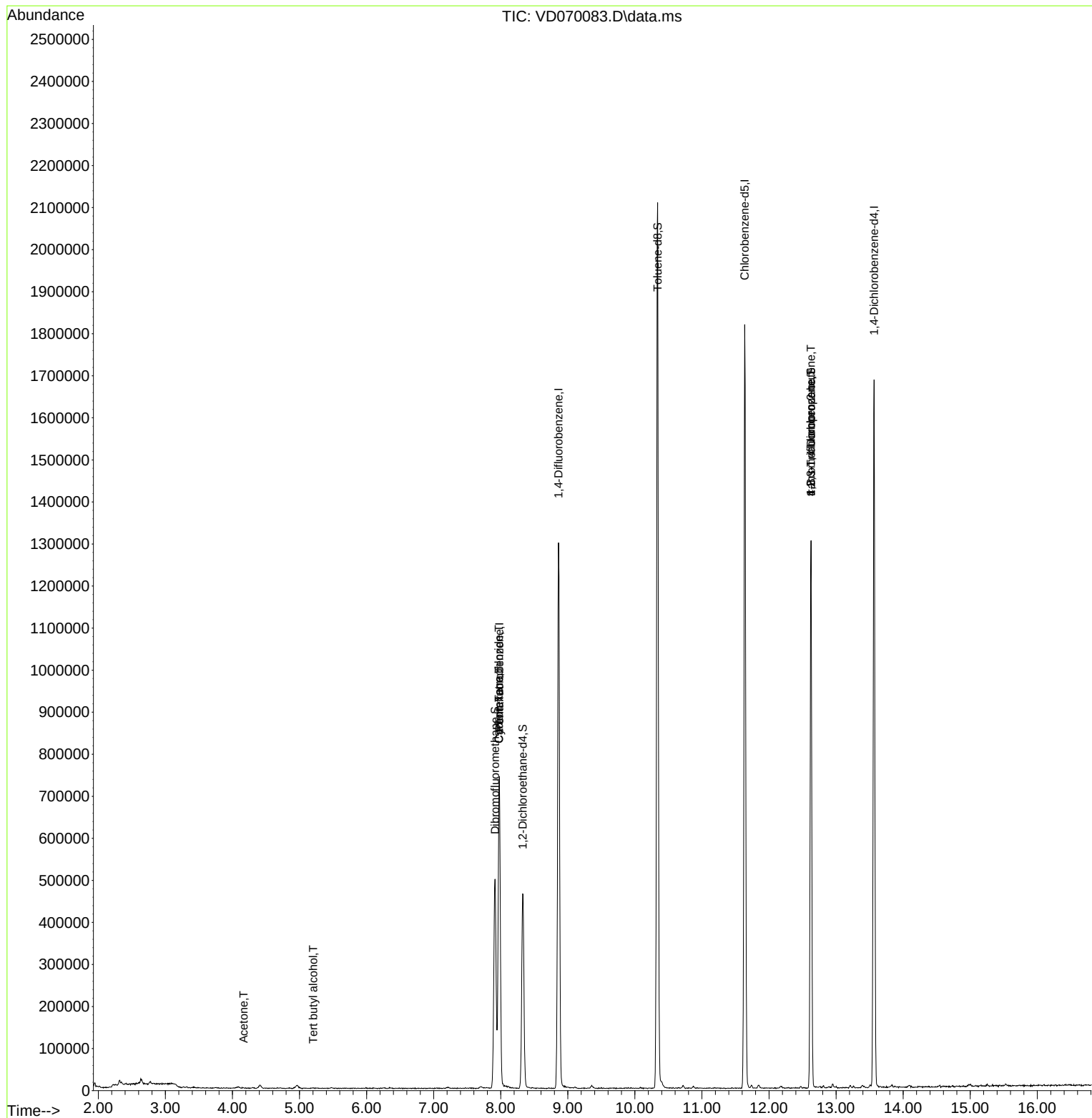
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	1469	Below Cal	95
3) Chloromethane	2.209	50	2629	Below Cal	95
5) Bromomethane	2.779	94	3890	Below Cal	96
11) Tert butyl alcohol	5.203	59	560	1.641 ug/l #	71
16) Acetone	4.167	43	1800	1.583 ug/l #	41
20) Methylene Chloride	4.956	84	2708	Below Cal #	78
31) Cyclohexane	7.973	56	14087	1.153 ug/l #	1
38) Carbon Tetrachloride	7.973	117	56495	5.198 ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	220449	48.918 ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	220449	126.972 ug/l #	18

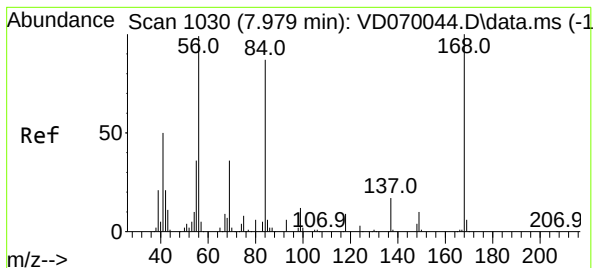
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
Data File : VD070083.D
Acq On : 17 Aug 2021 12:48
Operator : VA/SY
Sample : M3368-11
Misc : 4.33G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

Quant Time: Aug 18 03:06:19 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: VD070083.D

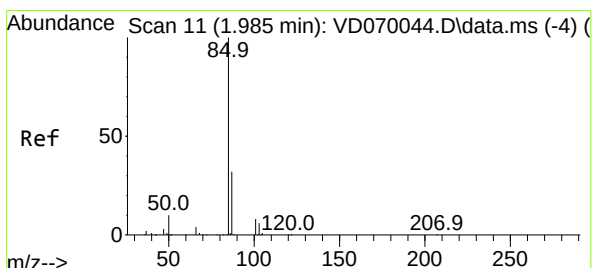
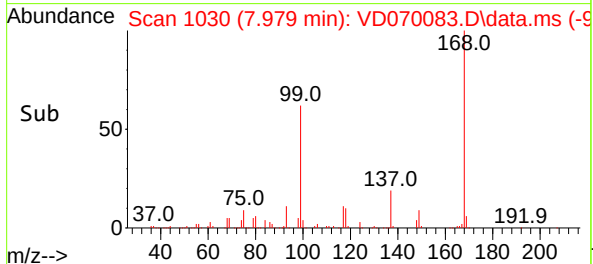
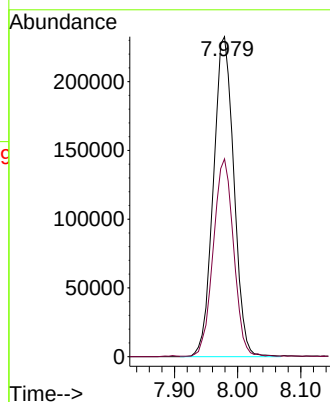
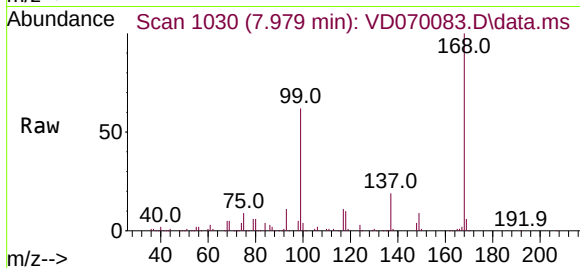
Acq: 17 Aug 2021 12:48

Tgt Ion:168 Resp: 524774

Ion Ratio Lower Upper

168 100

99 61.7 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070083.D

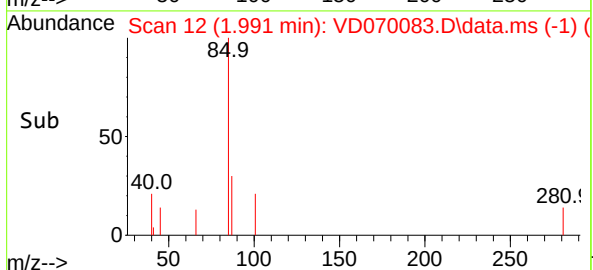
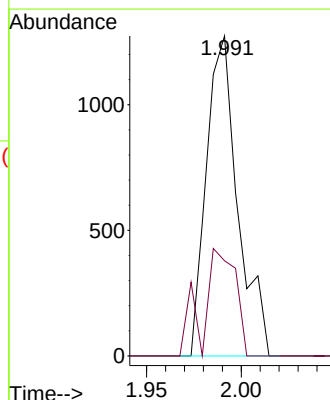
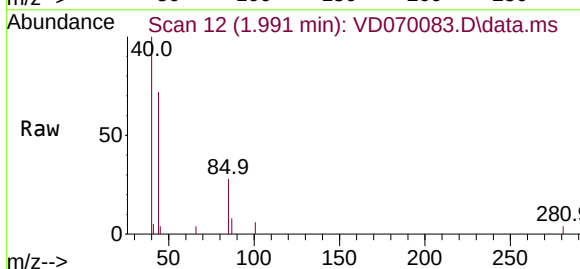
Acq: 17 Aug 2021 12:48

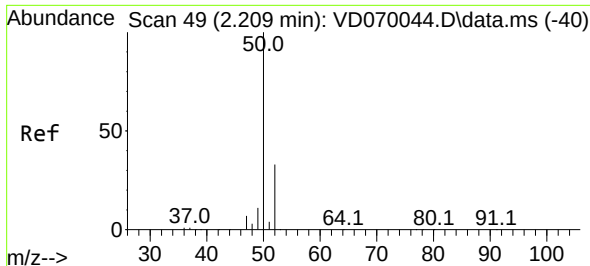
Tgt Ion: 85 Resp: 1469

Ion Ratio Lower Upper

85 100

87 29.7 16.2 48.6

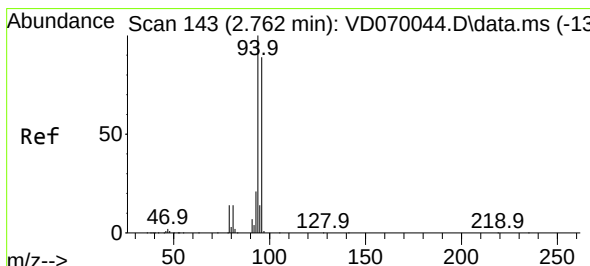
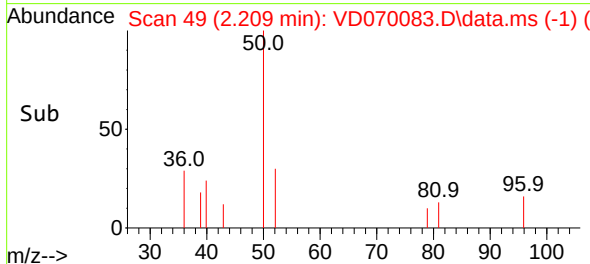
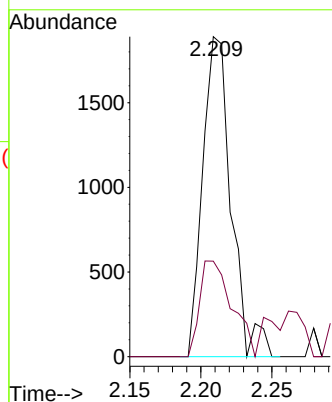
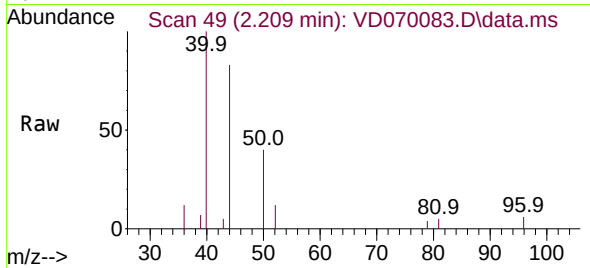




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

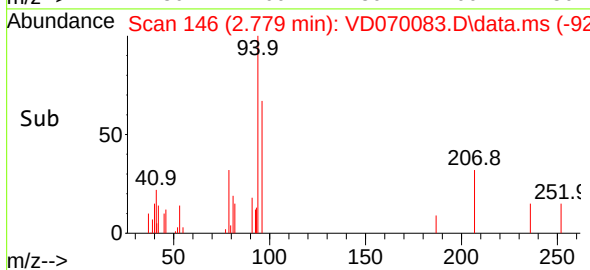
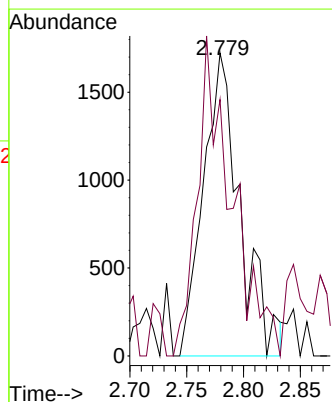
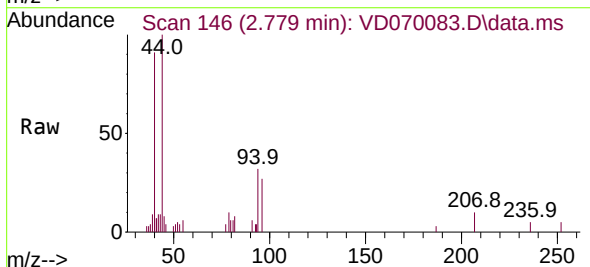
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

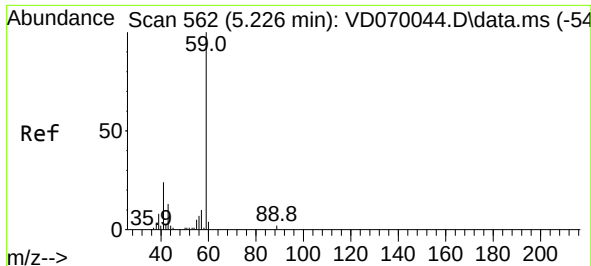
Tgt Ion: 50 Resp: 2629
Ion Ratio Lower Upper
50 100
52 29.8 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion: 94 Resp: 3890
Ion Ratio Lower Upper
94 100
96 84.6 70.9 106.3



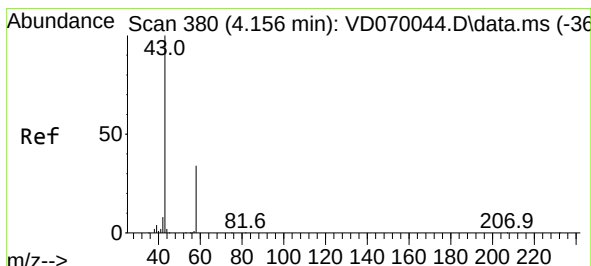
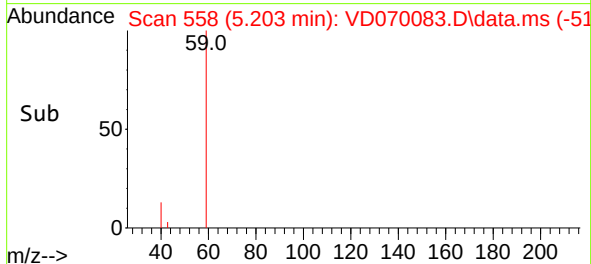
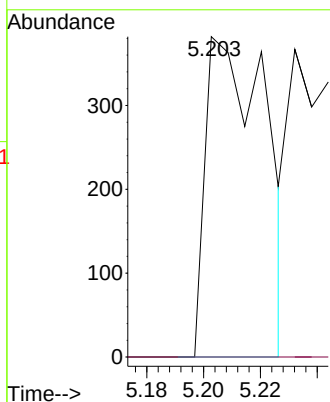
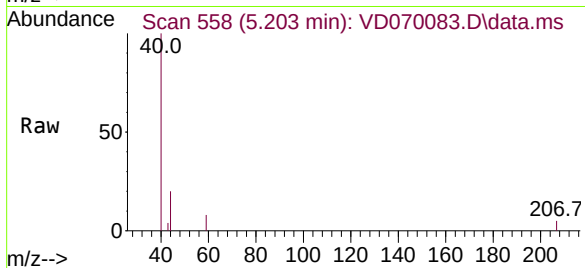


#11

Tert butyl alcohol
Concen: 1.641 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

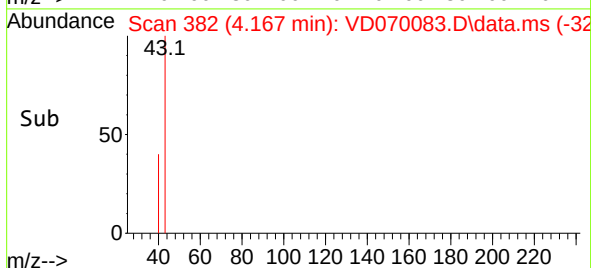
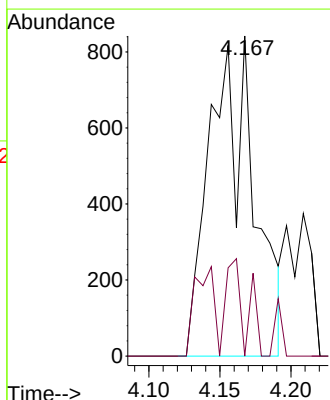
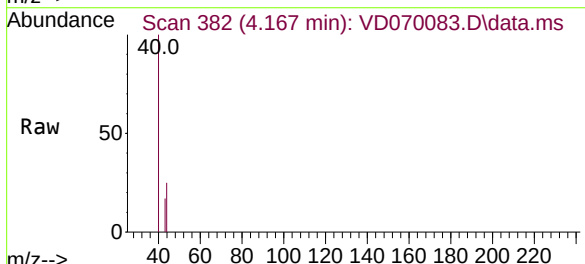
Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

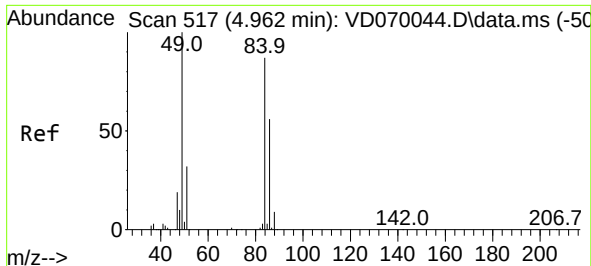


#16

Acetone
Concen: 1.583 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

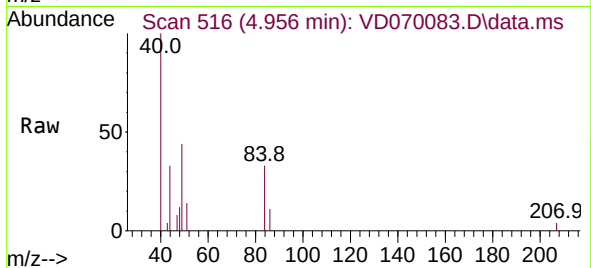
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



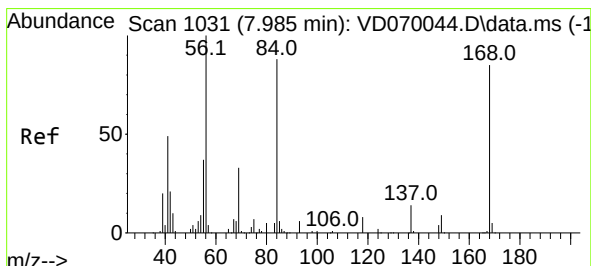
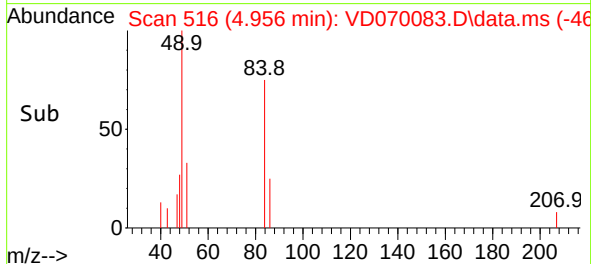
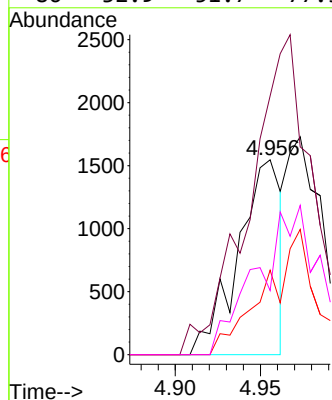


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

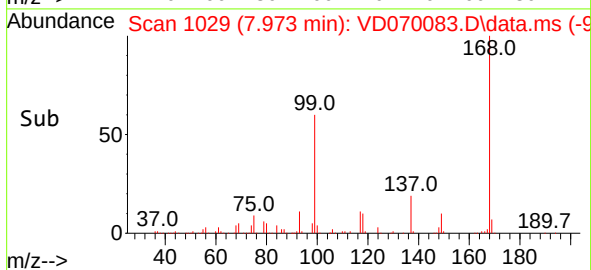
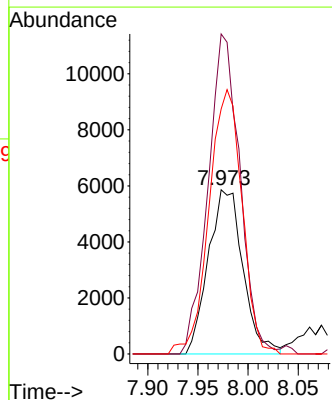
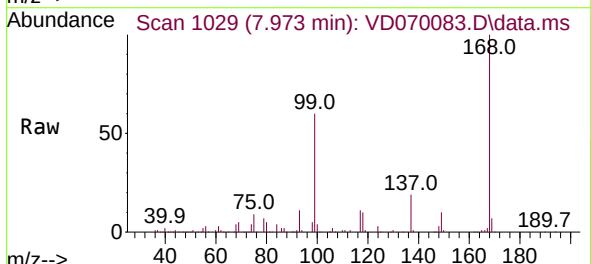


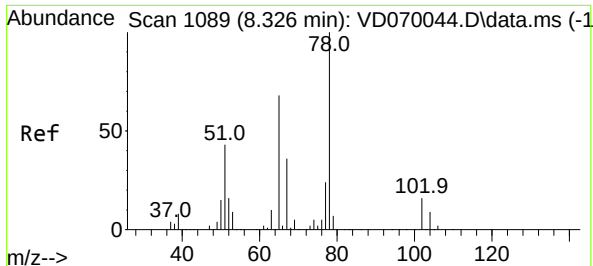
Tgt Ion:	84	Resp:	2708
Ion	Ratio	Lower	Upper
84	100		
49	132.8	92.5	138.7
51	43.3	29.7	44.5
86	32.9	51.7	77.5#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion:	56	Resp:	14087
Ion	Ratio	Lower	Upper
56	100		
69	194.8	26.7	40.1#
84	149.2	70.4	105.6#

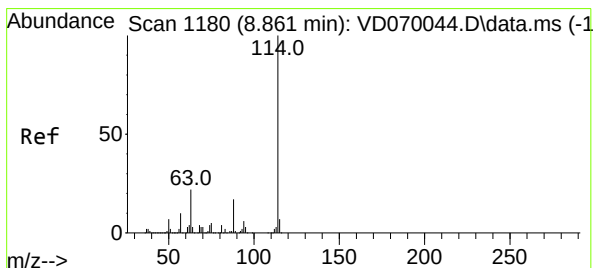
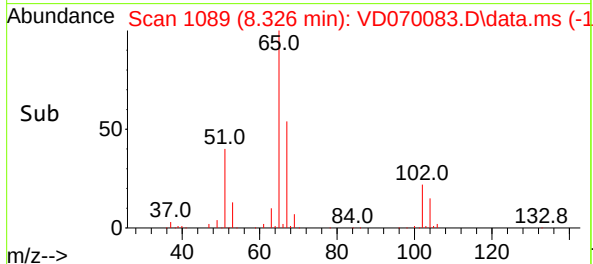
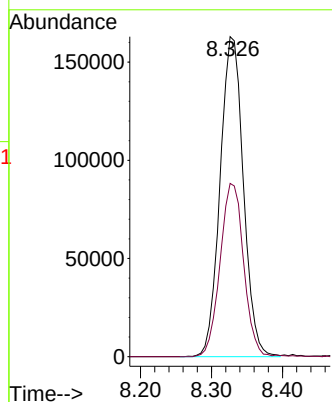
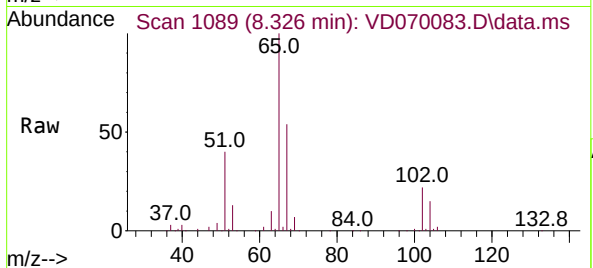




#33
1,2-Dichloroethane-d4
Concen: 60.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

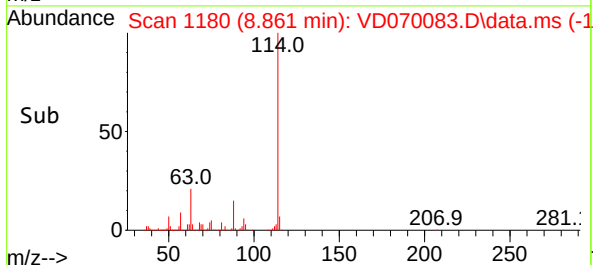
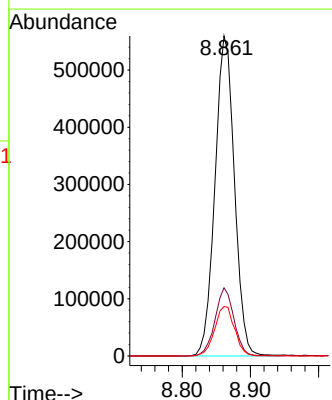
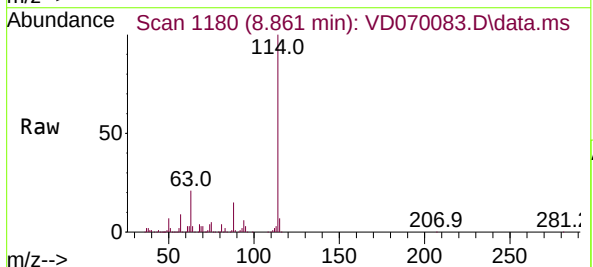
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

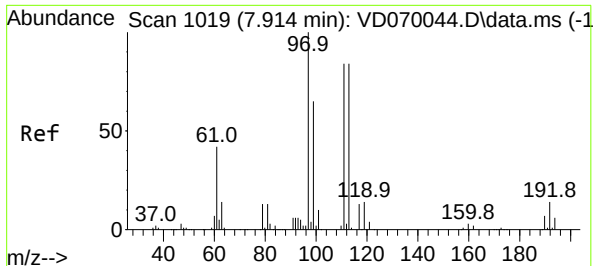
Tgt Ion: 65 Resp: 370394
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion:114 Resp: 1112759
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.011 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070083.D

Acq: 17 Aug 2021 12:48

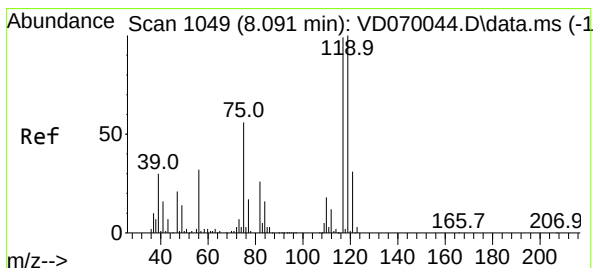
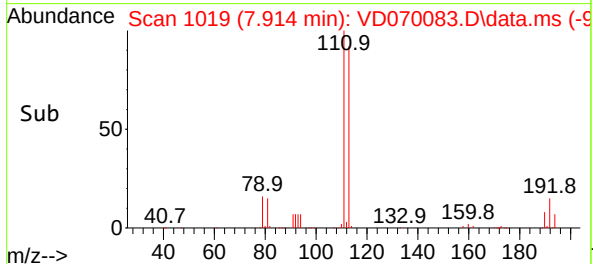
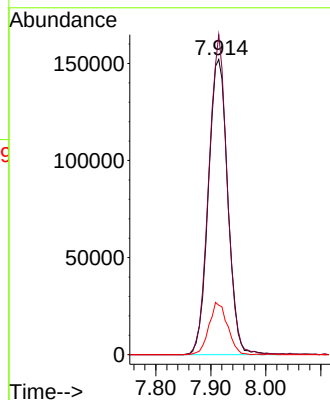
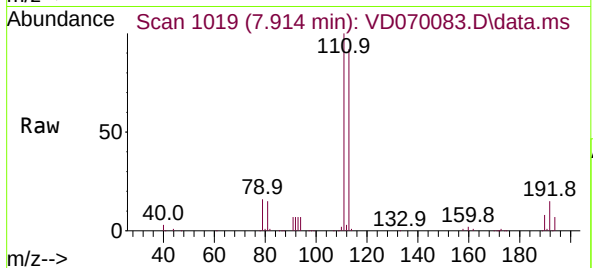
Tgt Ion:113 Resp: 373912

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.8 13.2 19.8



#38

Carbon Tetrachloride

Concen: 5.198 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD070083.D

Acq: 17 Aug 2021 12:48

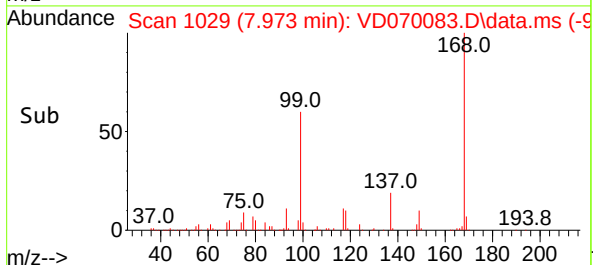
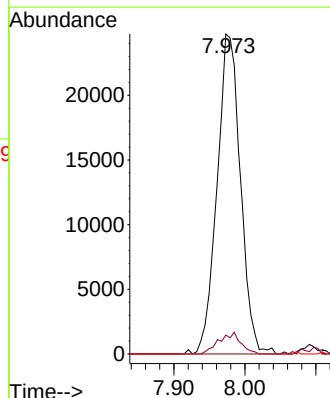
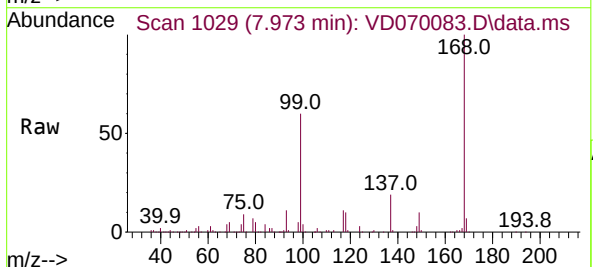
Tgt Ion:117 Resp: 56495

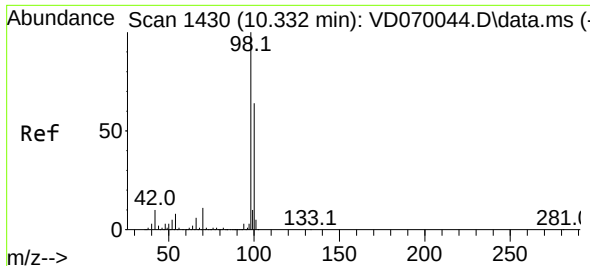
Ion Ratio Lower Upper

117 100

119 5.9 81.0 121.6#

121 0.0 25.0 37.6#

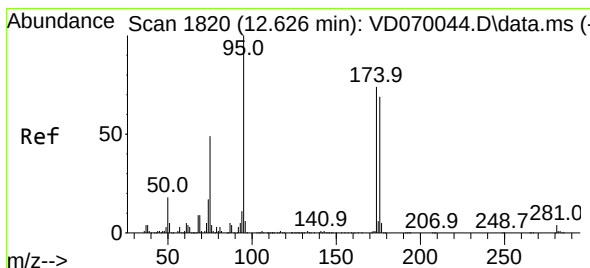
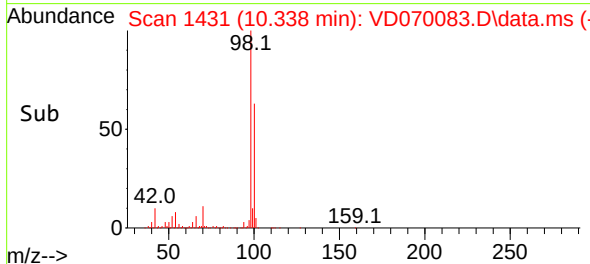
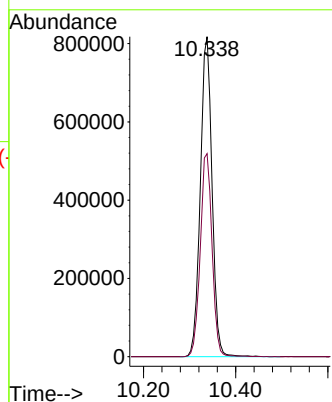
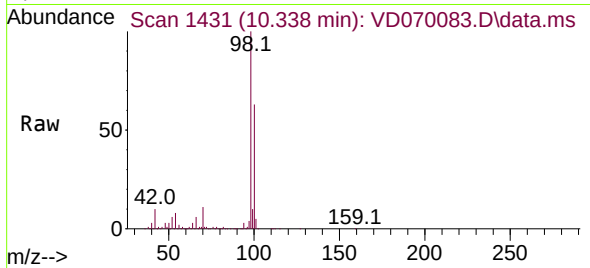




#50
Toluene-d8
Concen: 51.637 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

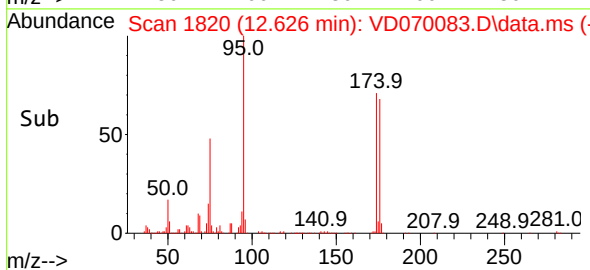
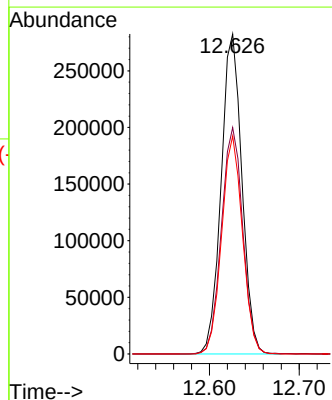
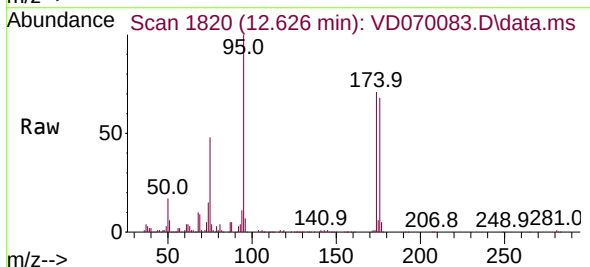
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

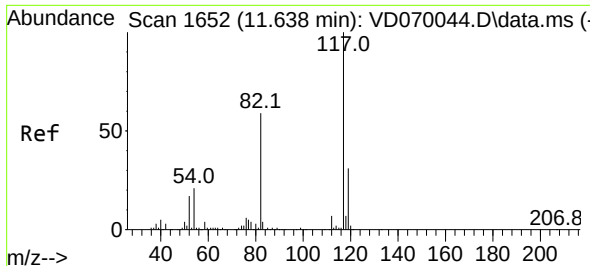
Tgt Ion: 98 Resp: 1443871
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion: 95 Resp: 453459
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 68.3 0.0 138.2

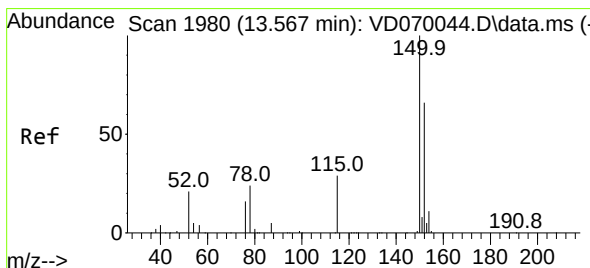
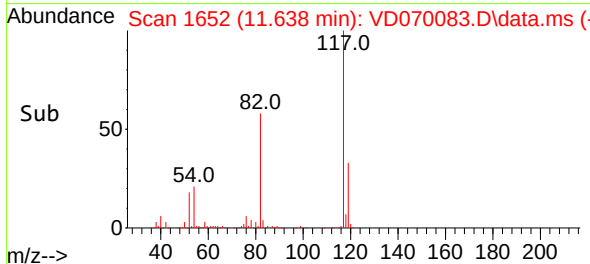
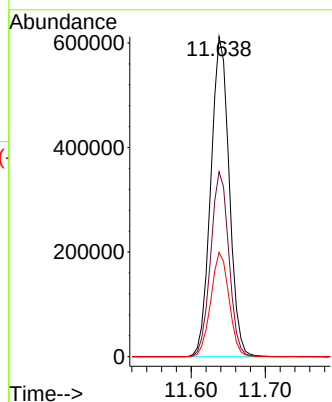
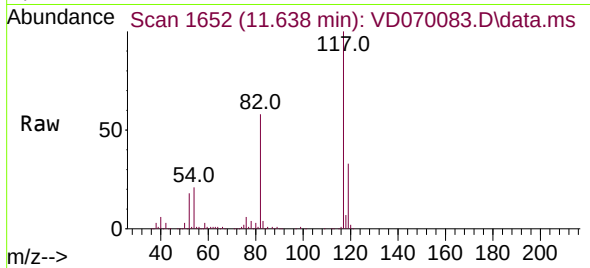




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

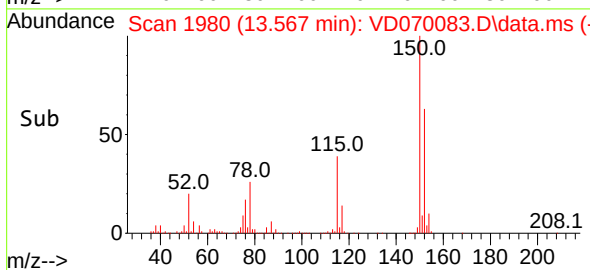
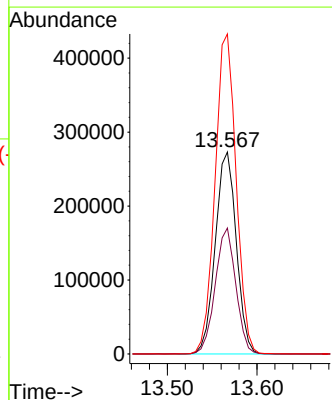
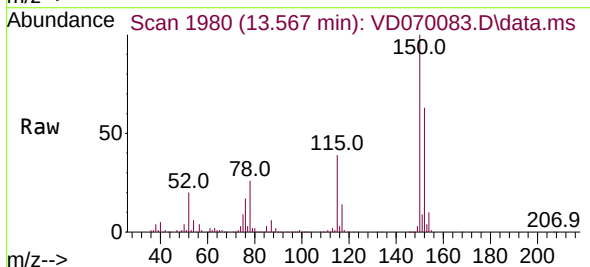
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

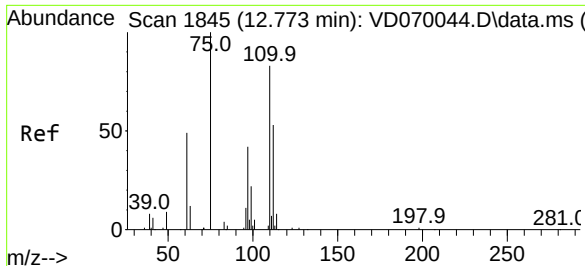
Tgt Ion:117 Resp: 1055415
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion:152 Resp: 444371
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 158.8 0.0 352.0

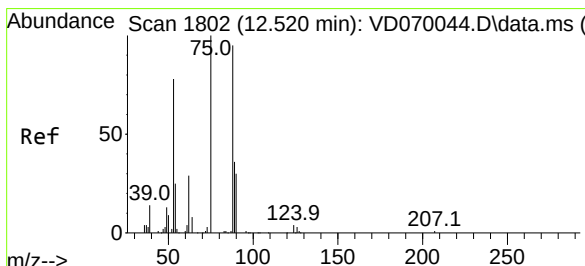
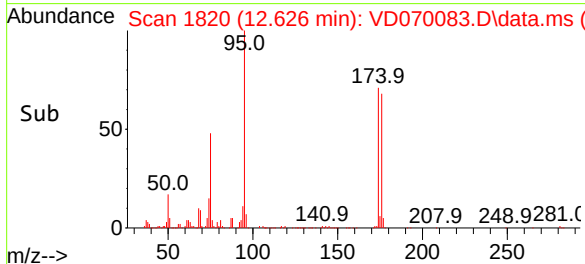
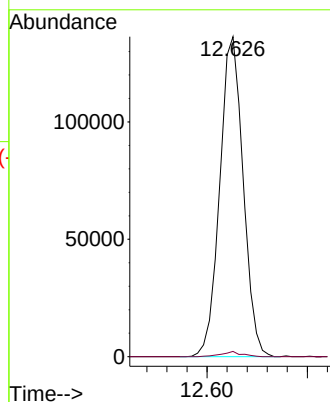
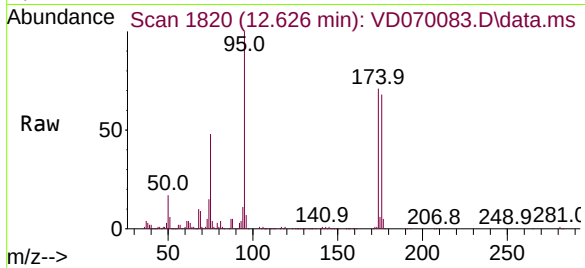




#76
1,2,3-Trichloropropane
Concen: 48.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

Tgt Ion: 75 Resp: 220449
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.972 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070083.D
Acq: 17 Aug 2021 12:48

Tgt Ion: 75 Resp: 220449
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

