

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070282.D
 Acq On : 31 Aug 2021 16:26
 Operator : VA/SY
 Sample : M3605-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 01 03:59:14 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	322505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	728801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259387	68.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.760%
35) Dibromofluoromethane	7.914	113	237308	55.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.700%
50) Toluene-d8	10.338	98	877072	52.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.626	95	329869	60.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.120%

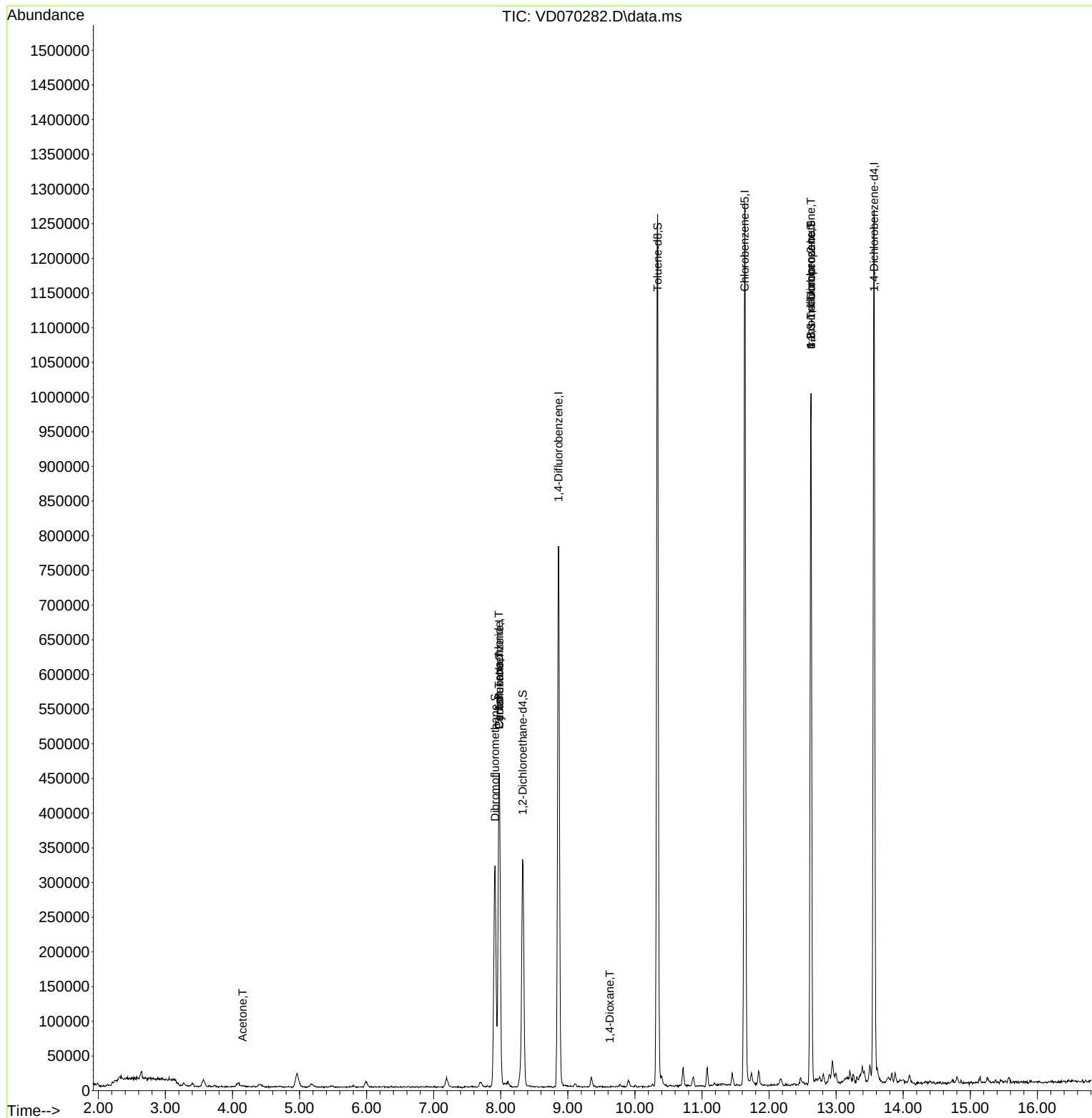
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	2515	Below Cal	# 55
3) Chloromethane	2.209	50	1316	Below Cal	# 82
5) Bromomethane	2.773	94	3051	Below Cal	# 96
16) Acetone	4.150	43	3505	5.016	ug/l # 71
20) Methylene Chloride	4.961	84	15155	Below Cal	# 95
31) Cyclohexane	7.979	56	10117	1.348	ug/l # 8
38) Carbon Tetrachloride	7.973	117	34100	5.262	ug/l # 14
49) 1,4-Dioxane	9.626	88	60	2.111	ug/l # 9
76) 1,2,3-Trichloropropane	12.626	75	162525	47.588	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.626	75	162525	123.521	ug/l # 18

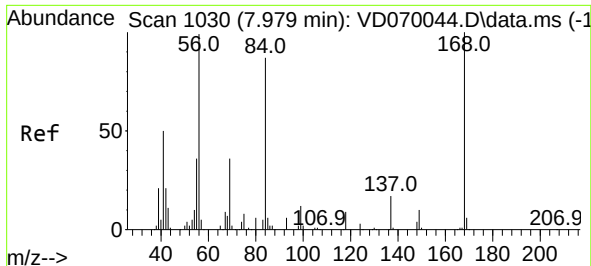
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
Data File : VD070282.D
Acq On : 31 Aug 2021 16:26
Operator : VA/SY
Sample : M3605-01RE
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 01 03:59:14 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

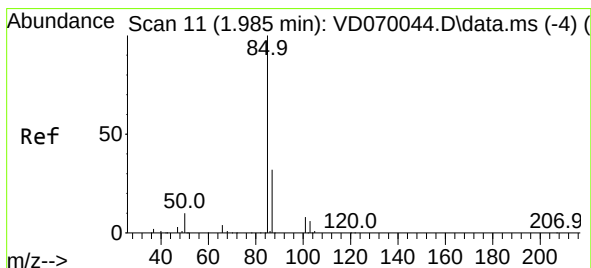
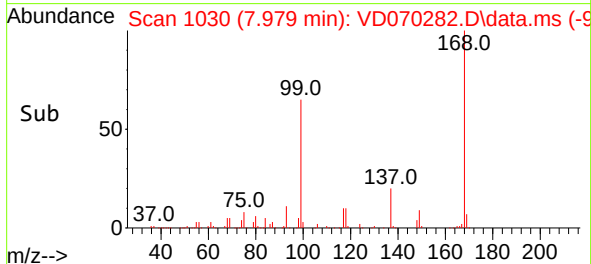
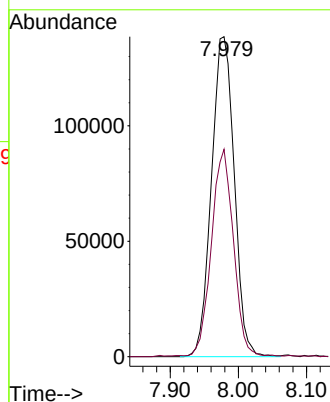
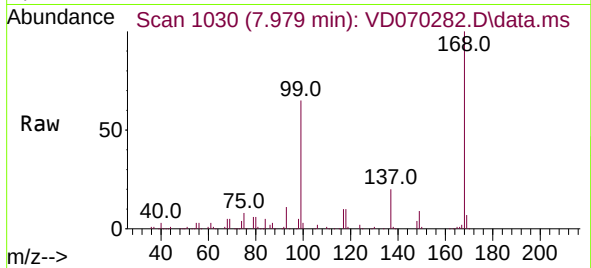




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

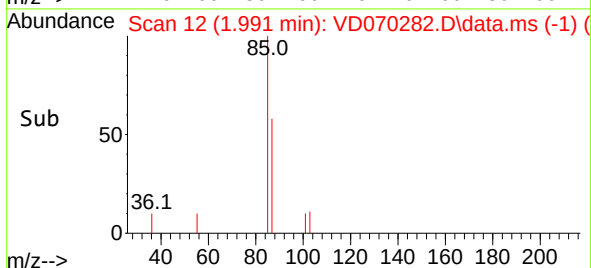
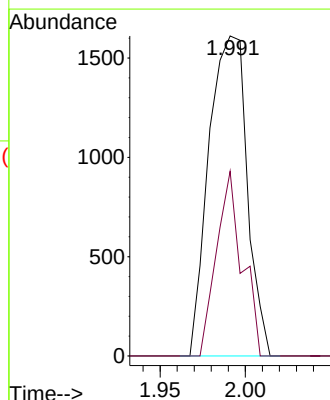
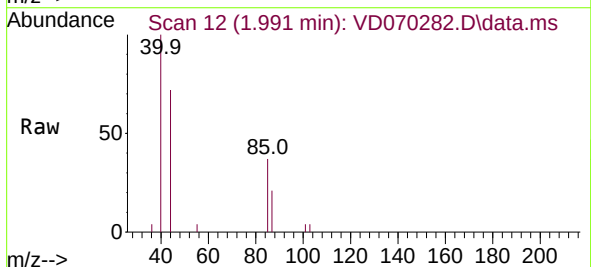
Instrument :
MSVOA_D
ClientSampleId :

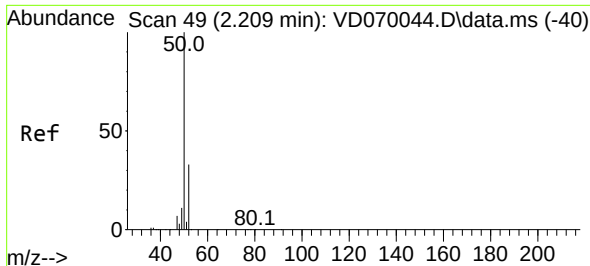
Tgt Ion:168 Resp: 322505
Ion Ratio Lower Upper
168 100
99 64.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 85 Resp: 2515
Ion Ratio Lower Upper
85 100
87 57.7 16.2 48.6#

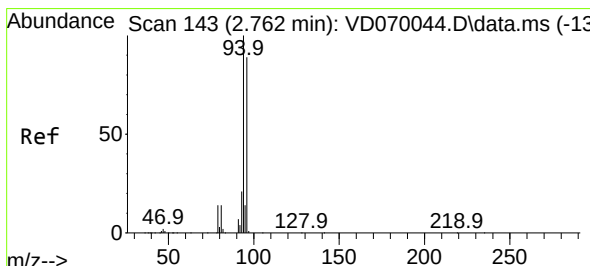
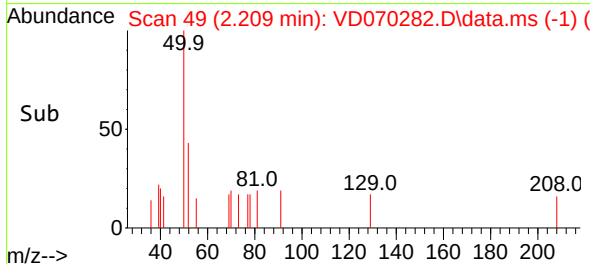
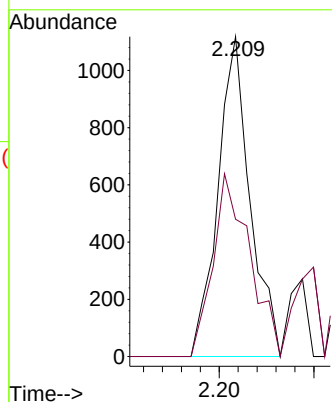
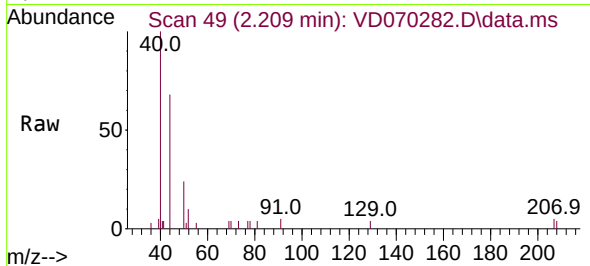




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

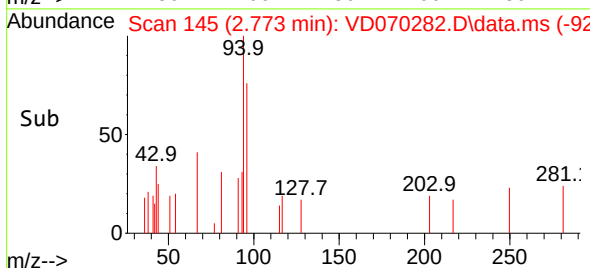
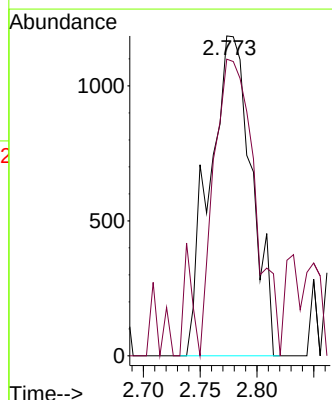
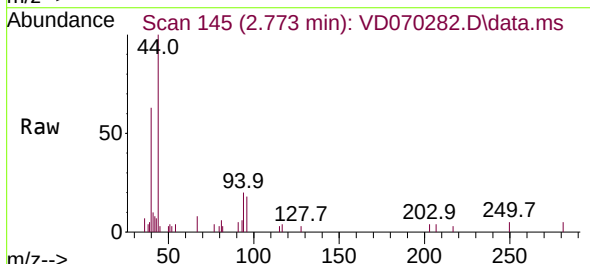
Instrument :
MSVOA_D
ClientSampled :

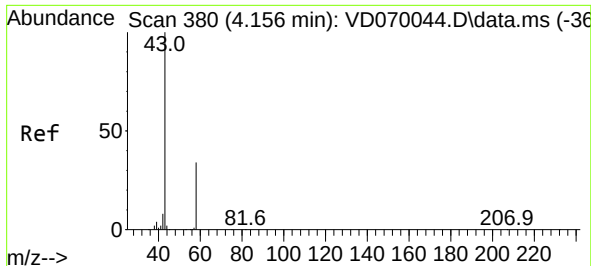
Tgt Ion: 50 Resp: 1316
Ion Ratio Lower Upper
50 100
52 42.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 94 Resp: 3051
Ion Ratio Lower Upper
94 100
96 92.7 70.9 106.3

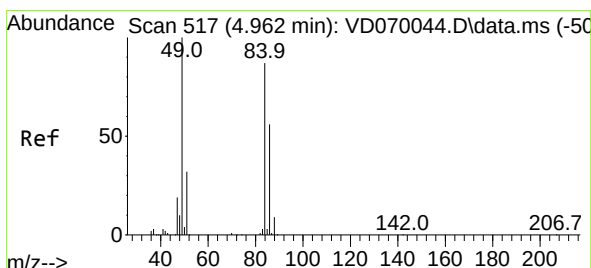
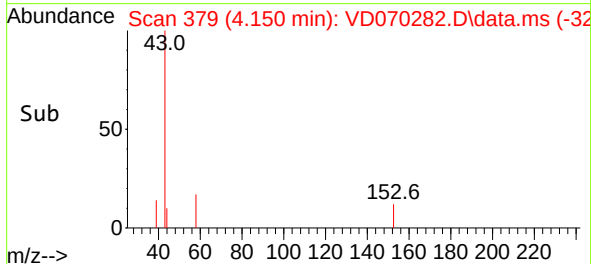
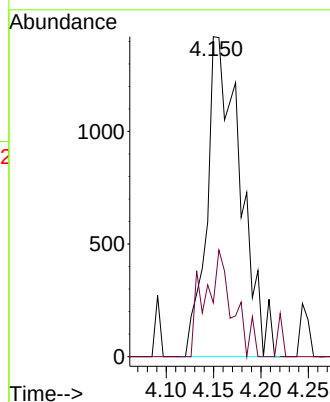
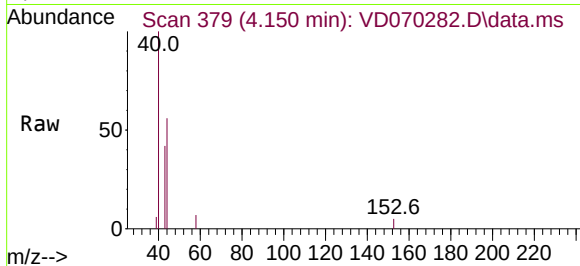




#16
Acetone
Concen: 5.016 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

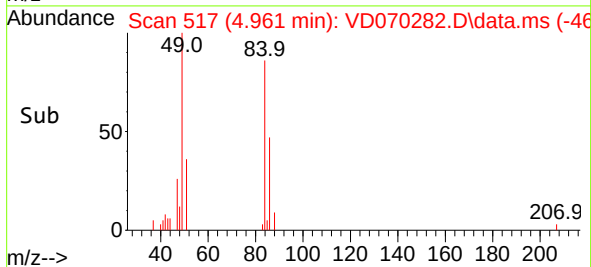
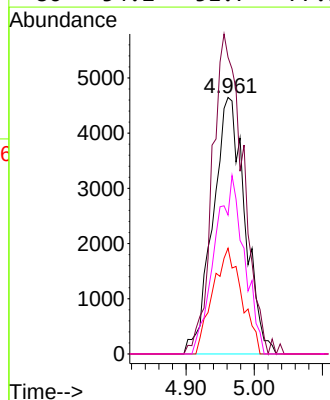
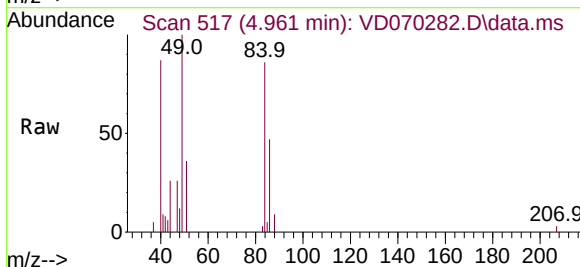
Instrument :
MSVOA_D
ClientSampled :

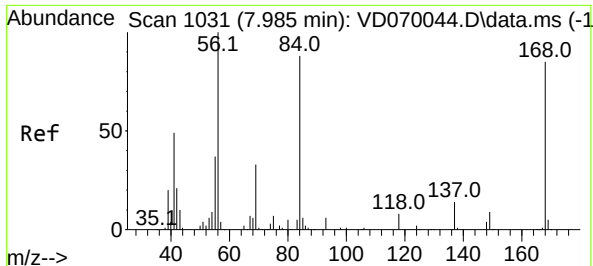
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
58 16.8 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 84 Resp: 15155
Ion Ratio Lower Upper
84 100
49 115.7 92.5 138.7
51 41.3 29.7 44.5
86 54.2 51.7 77.5

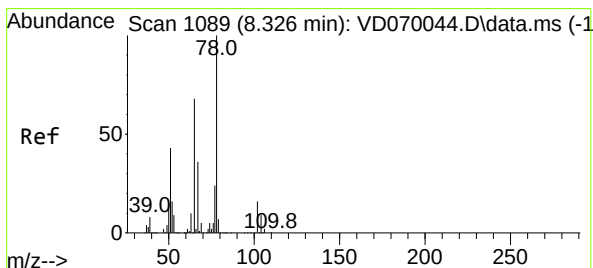
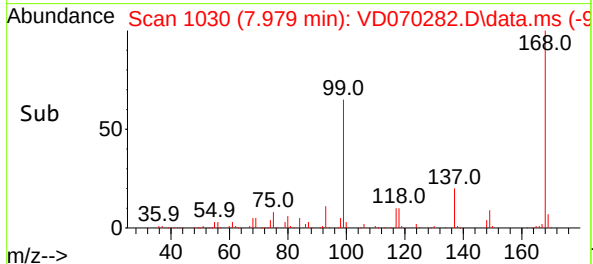
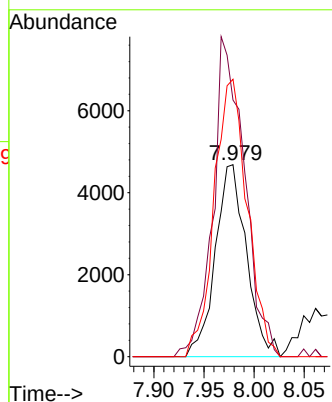
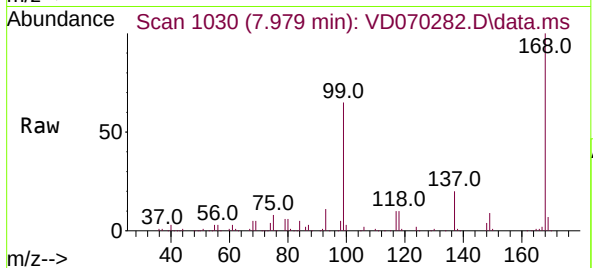




#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

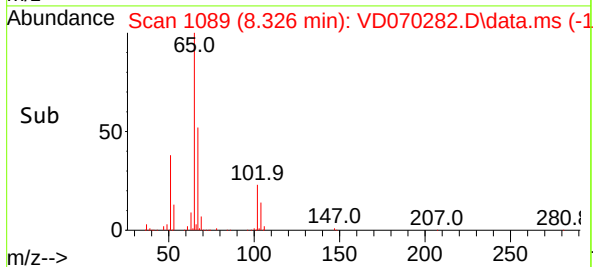
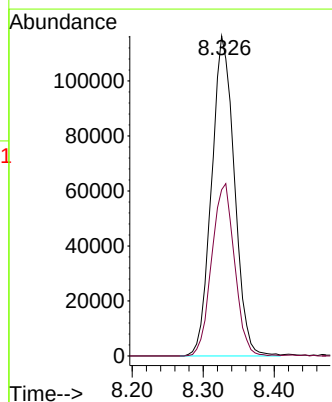
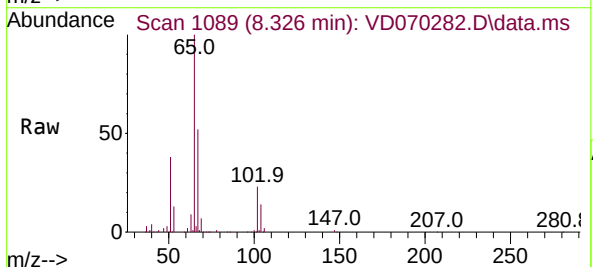
Instrument :
MSVOA_D
ClientSampleId :

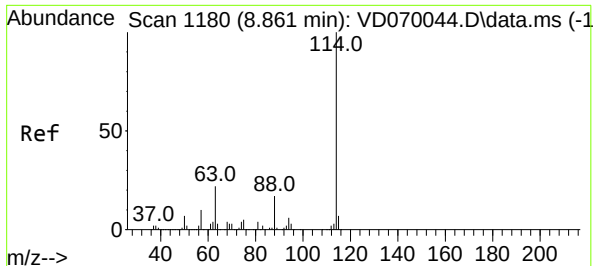
Tgt Ion: 56 Resp: 10117
Ion Ratio Lower Upper
56 100
69 133.6 26.7 40.1#
84 144.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 68.383 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 65 Resp: 259387
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

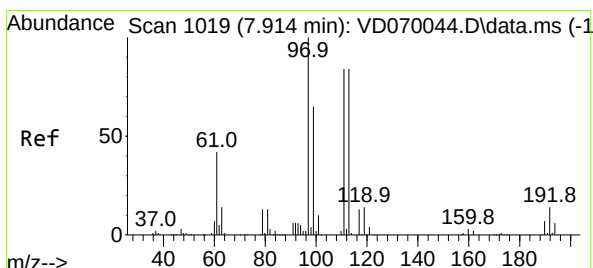
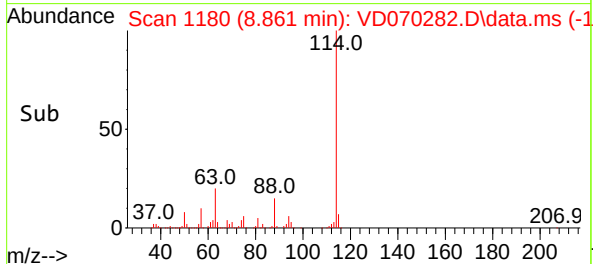
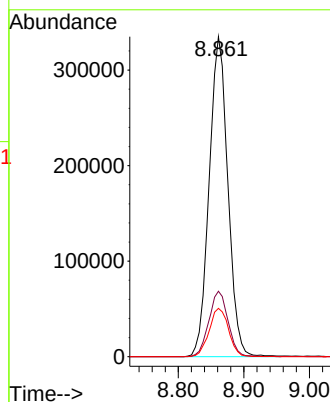
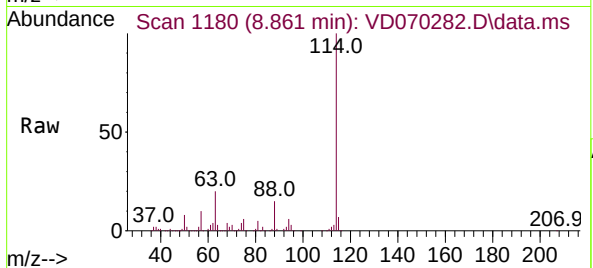
Delta R.T. -0.000 min

Lab File: VD070282.D

Acq: 31 Aug 2021 16:26

Tgt Ion:	114	Resp:	663562
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.6
88	15.1	0.0	33.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 55.355 ug/l

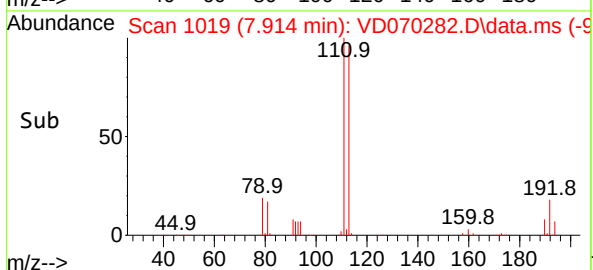
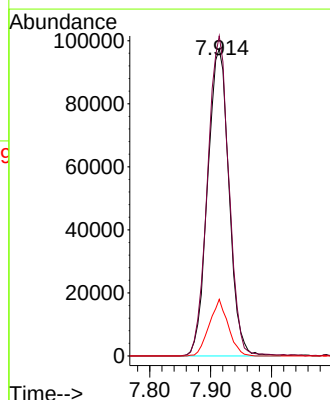
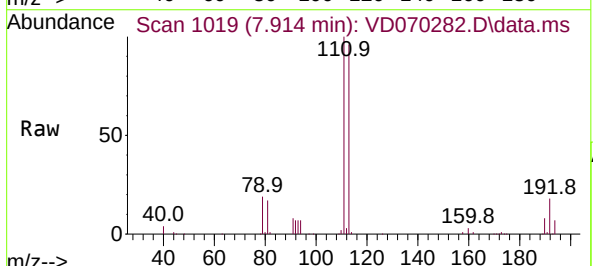
RT: 7.914 min Scan# 1019

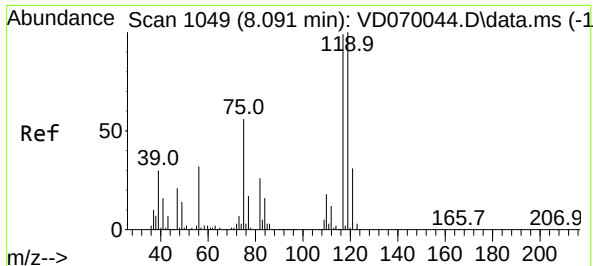
Delta R.T. -0.000 min

Lab File: VD070282.D

Acq: 31 Aug 2021 16:26

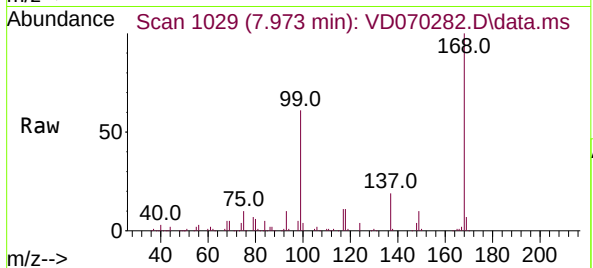
Tgt Ion:	113	Resp:	237308
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	16.3	13.2	19.8



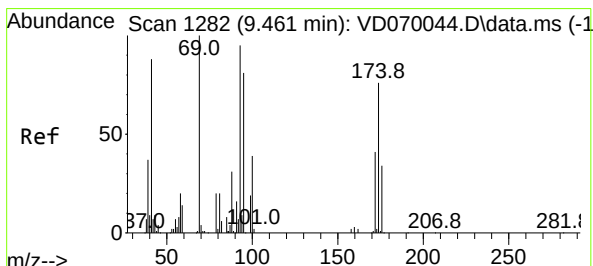
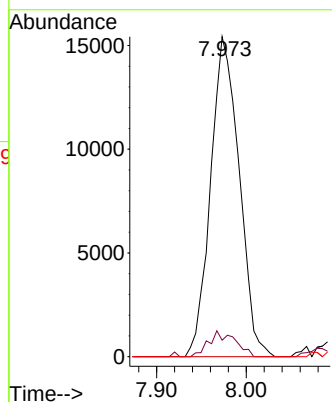
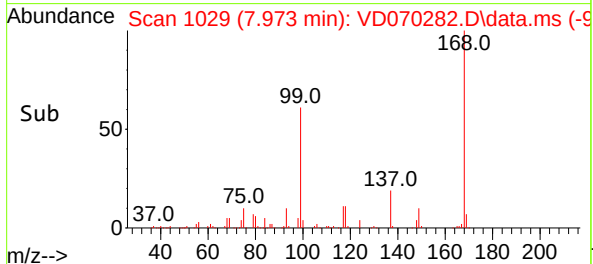


#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

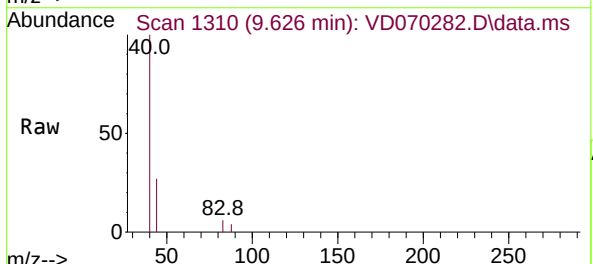
Instrument :
MSVOA_D
ClientSampled :



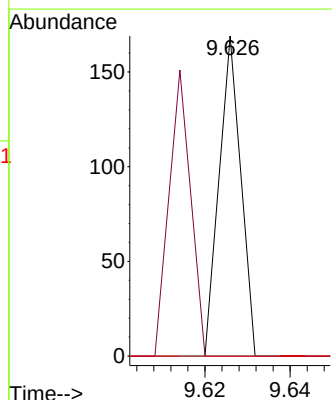
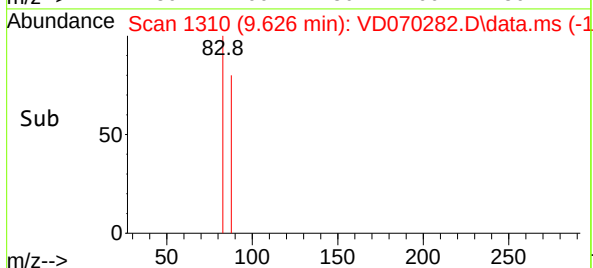
Tgt Ion:117 Resp: 34100
Ion Ratio Lower Upper
117 100
119 5.2 81.0 121.6#
121 0.0 25.0 37.6#

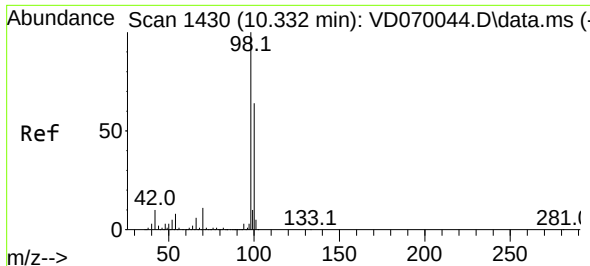


#49
1,4-Dioxane
Concen: 2.111 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. 0.165 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26



Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 88.3 25.8 38.6#
58 0.0 57.4 86.2#

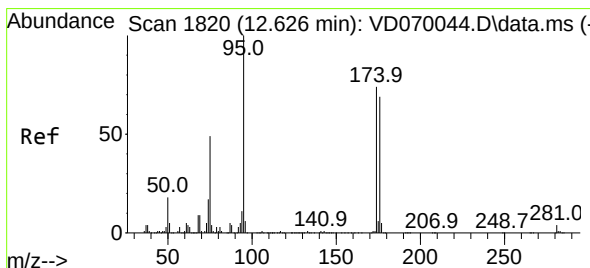
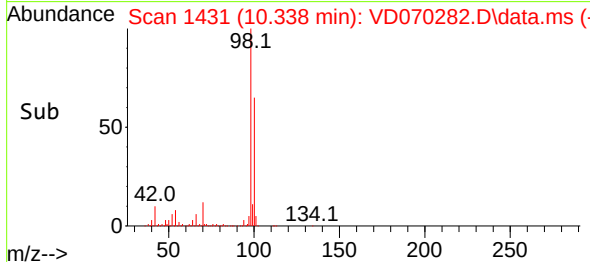
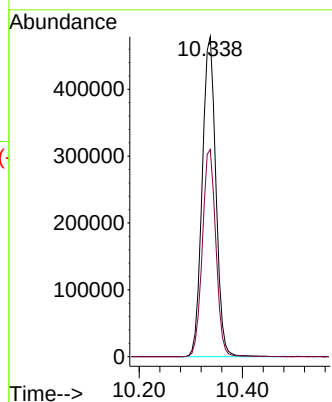
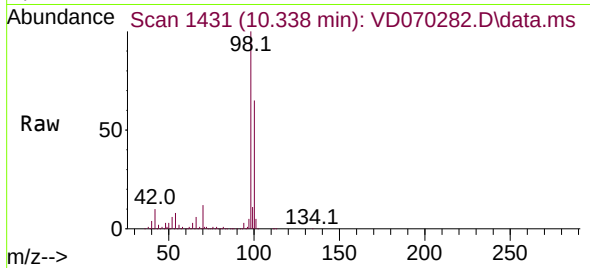




#50
Toluene-d8
Concen: 52.600 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

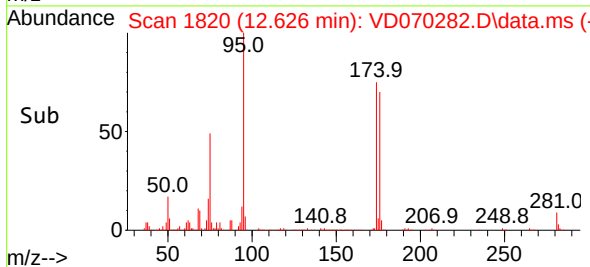
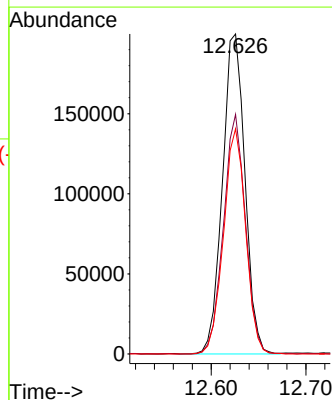
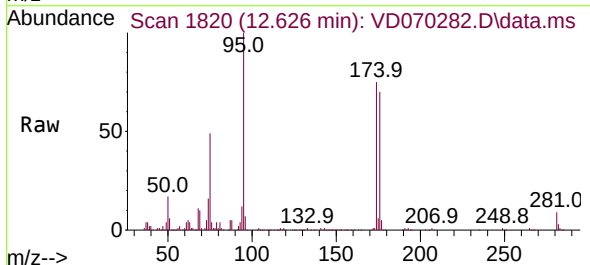
Instrument :
MSVOA_D
ClientSampled :

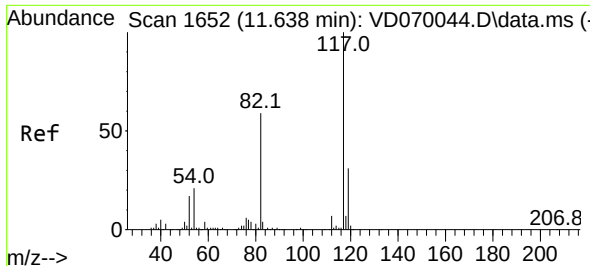
Tgt Ion: 98 Resp: 877072
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.063 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 95 Resp: 329869
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.2 0.0 138.2

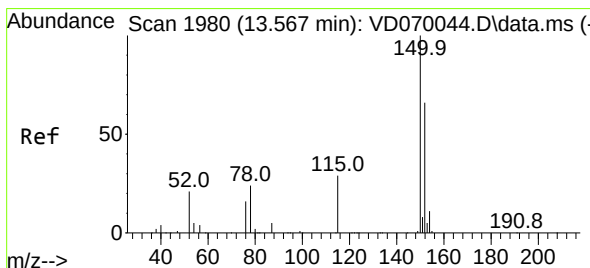
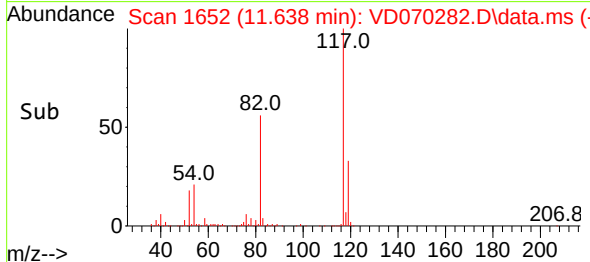
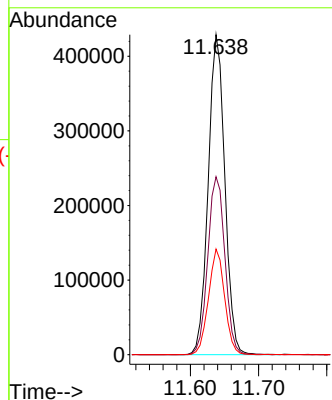
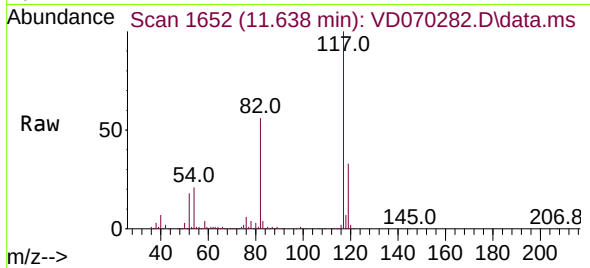




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

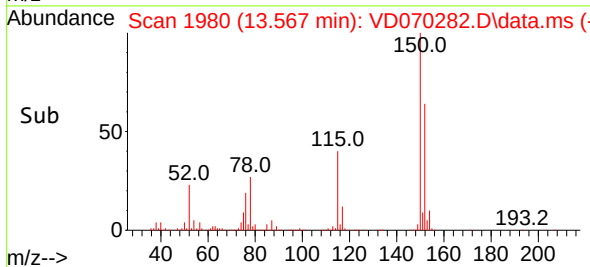
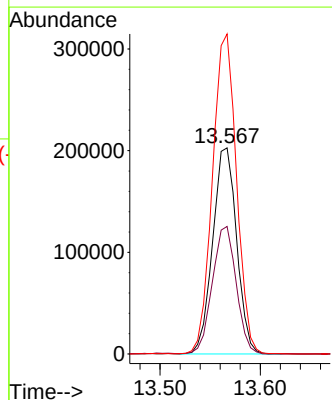
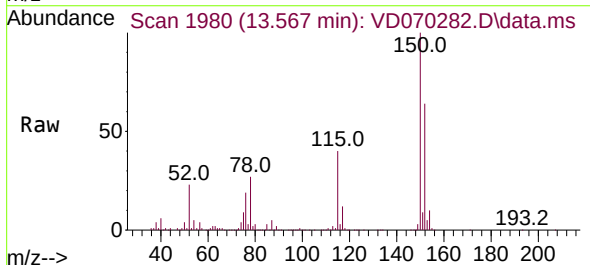
Instrument :
MSVOA_D
ClientSampleId :

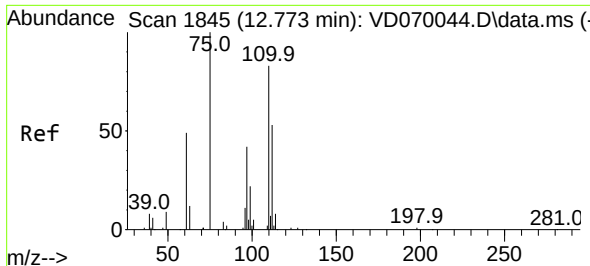
Tgt Ion:	117	Resp:	728801
Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.5	71.3
119	33.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion:	152	Resp:	336764
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.2	93.6
150	155.5	0.0	352.0

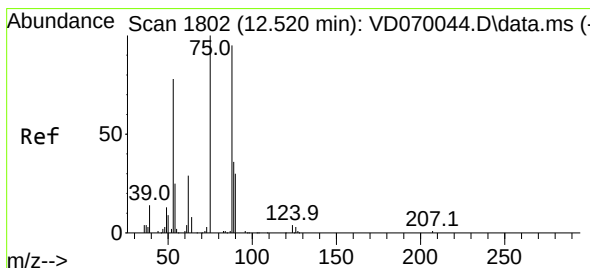
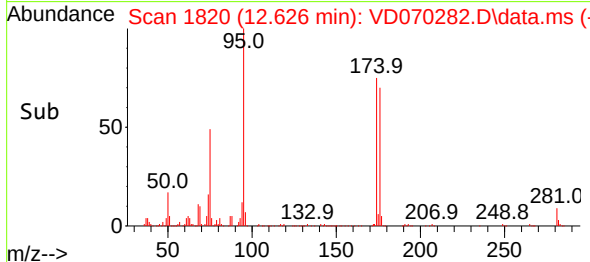
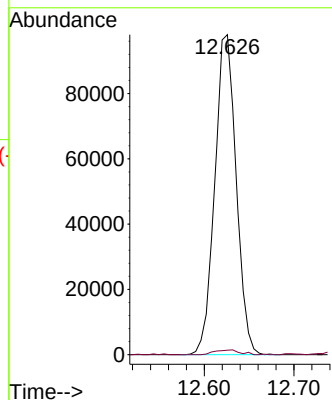
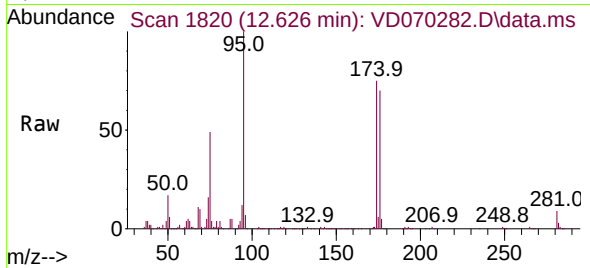




#76
1,2,3-Trichloropropane
Concen: 47.588 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 162525
Ion Ratio Lower Upper
75 100
77 1.7 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.521 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070282.D
Acq: 31 Aug 2021 16:26

Tgt Ion: 75 Resp: 162525
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.1 33.7 50.5#

