

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070169.D
 Acq On : 19 Aug 2021 15:49
 Operator : VA/SY
 Sample : M3466-01
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 20 05:47:45 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)

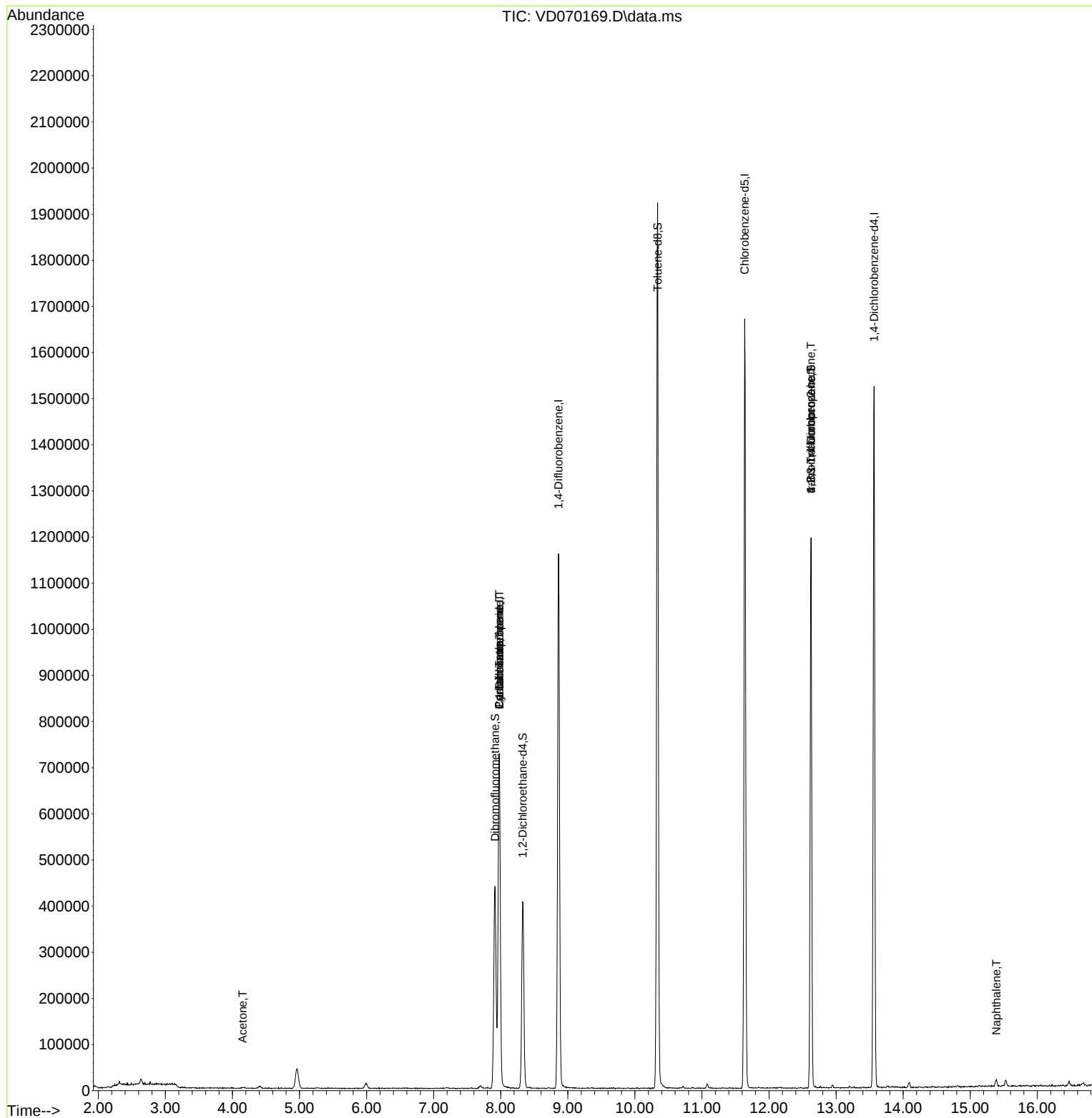
Internal Standards						
1) Pentafluorobenzene	7.979	168	514877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	990767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	962569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	400997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	316001	52.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.360%	
35) Dibromofluoromethane	7.914	113	331000	51.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.338	98	1296954	52.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	12.626	95	404681	49.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	298	Below Cal	#	42
3) Chloromethane	2.209	50	1070	Below Cal	#	45
5) Bromomethane	2.774	94	2384	Below Cal	#	67
16) Acetone	4.150	43	2866	2.569	ug/l #	80
20) Methylene Chloride	4.962	84	34636	Below Cal		94
31) Cyclohexane	7.979	56	12629	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	46372	4.351	ug/l #	50
38) Carbon Tetrachloride	7.979	117	55546	5.740	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	196378	48.290	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	196378	125.342	ug/l #	18
95) Naphthalene	15.391	128	12567	1.051	ug/l	100

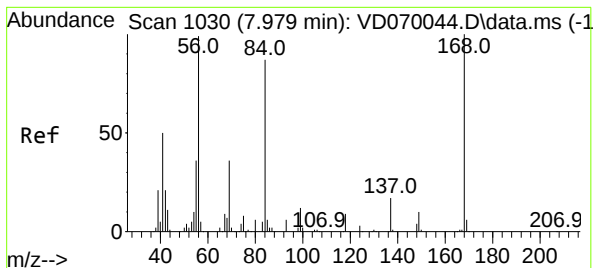
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070169.D

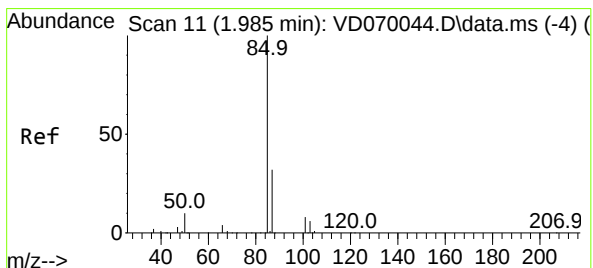
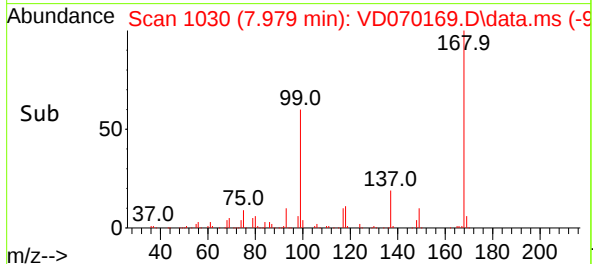
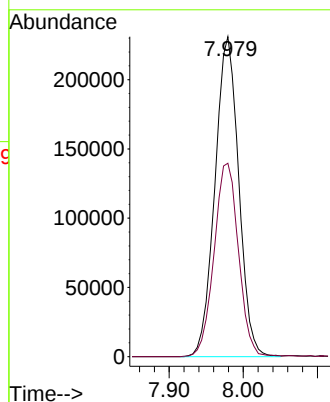
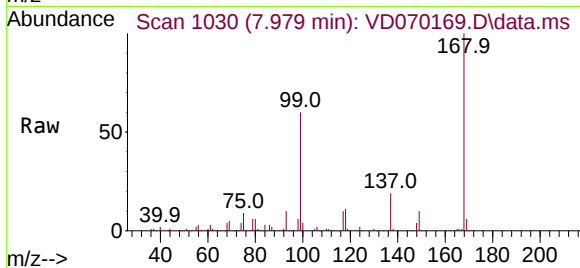
Acq: 19 Aug 2021 15:49

Tgt Ion: 168 Resp: 514877

Ion Ratio Lower Upper

168 100

99 60.5 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.997 min Scan# 13

Delta R.T. 0.012 min

Lab File: VD070169.D

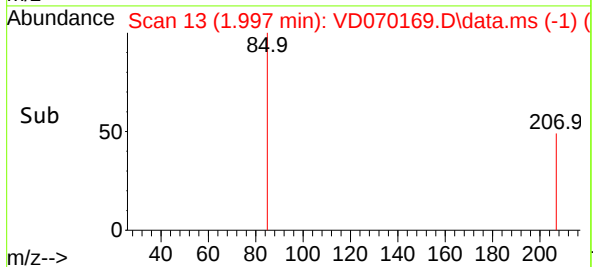
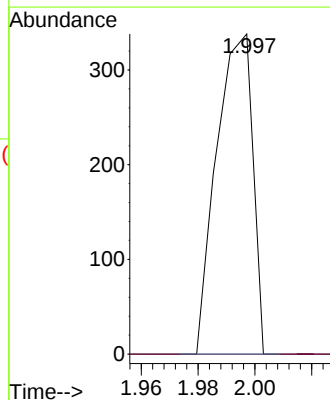
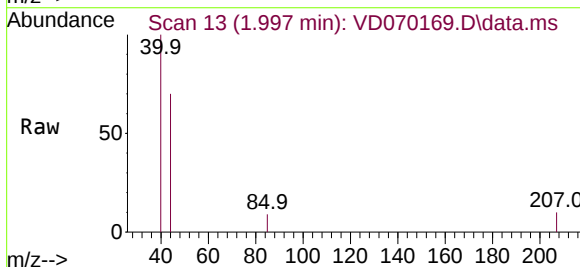
Acq: 19 Aug 2021 15:49

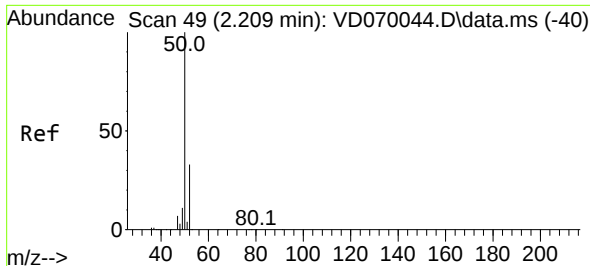
Tgt Ion: 85 Resp: 298

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

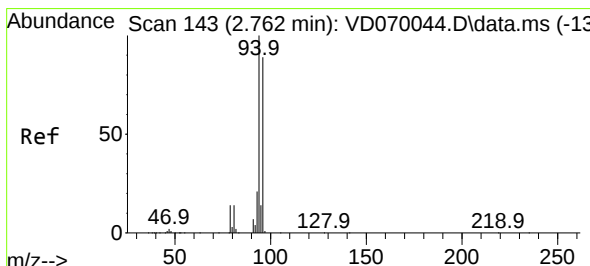
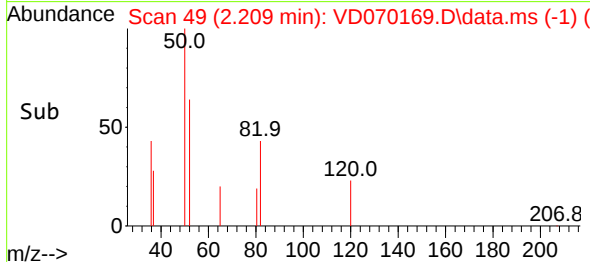
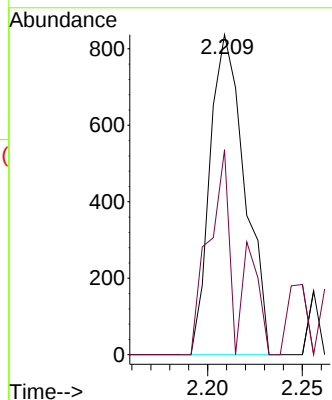
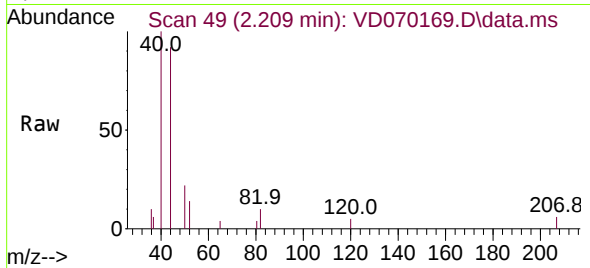




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

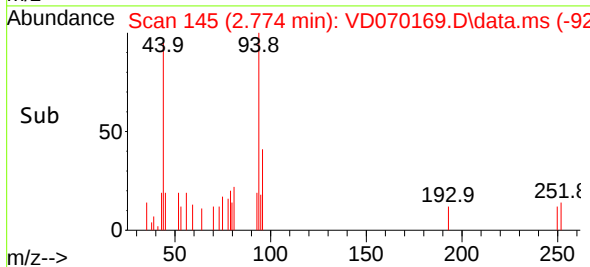
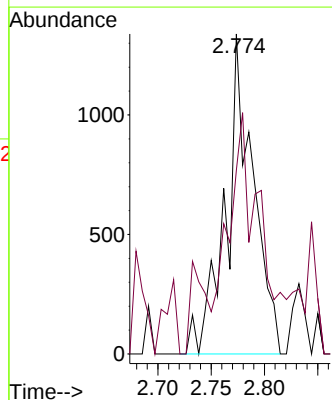
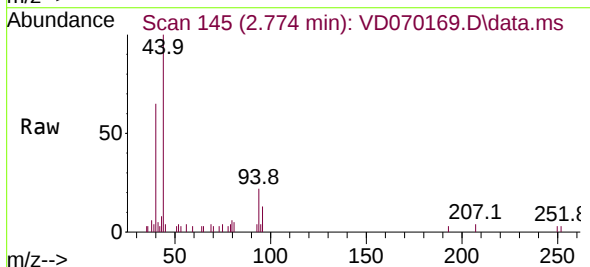
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 64.0 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 94 Resp: 2384
Ion Ratio Lower Upper
94 100
96 57.4 70.9 106.3#

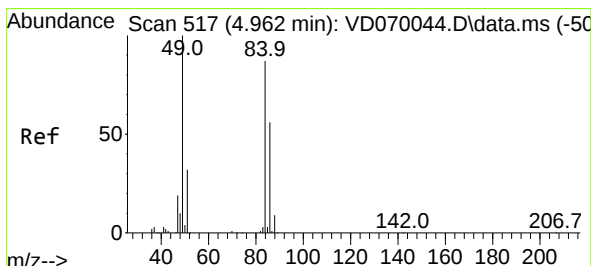
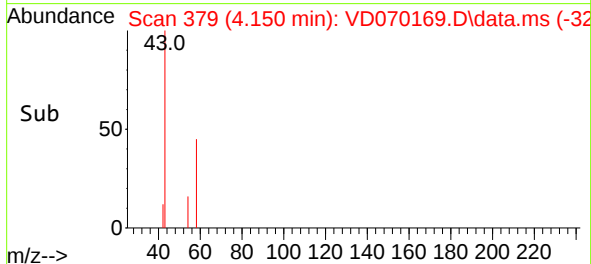
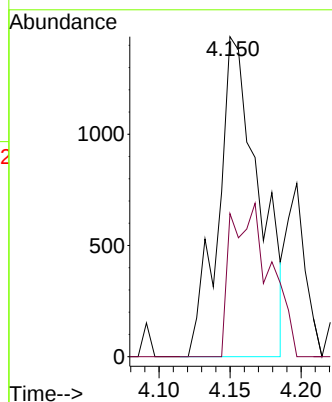
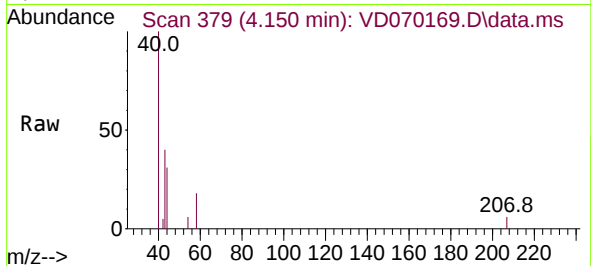




#16
Acetone
Concen: 2.569 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

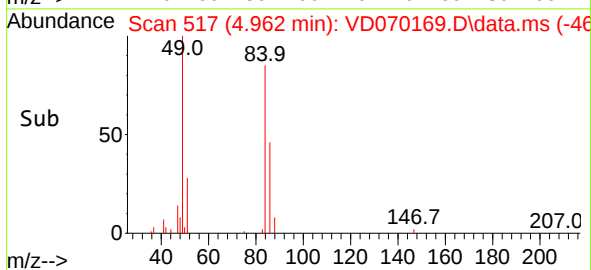
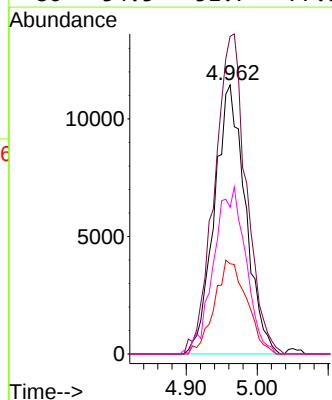
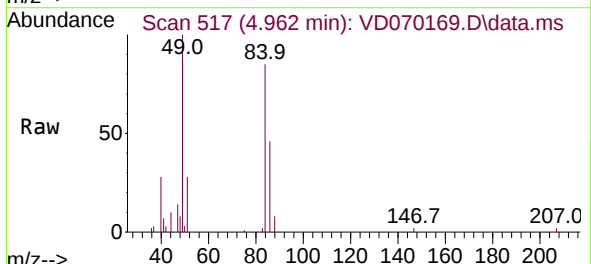
Instrument :
MSVOA_D
ClientSampleId :

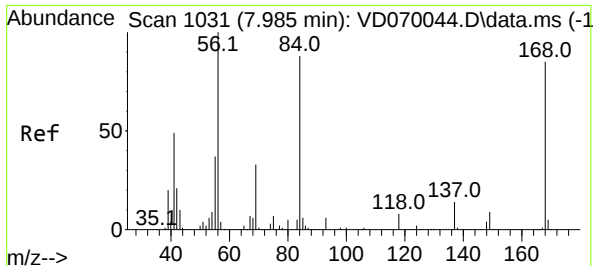
Tgt Ion: 43 Resp: 2866
Ion Ratio Lower Upper
43 100
58 44.7 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 84 Resp: 34636
Ion Ratio Lower Upper
84 100
49 118.1 92.5 138.7
51 33.5 29.7 44.5
86 54.5 51.7 77.5

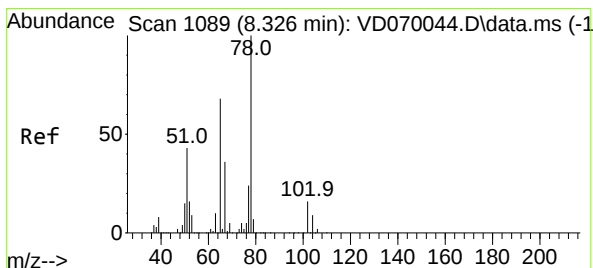
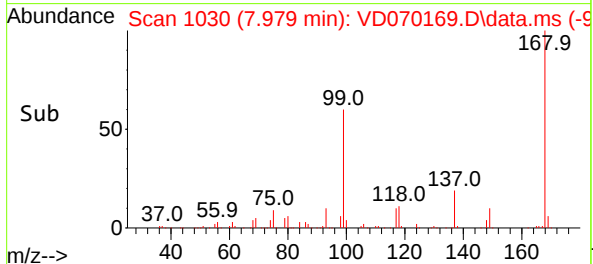
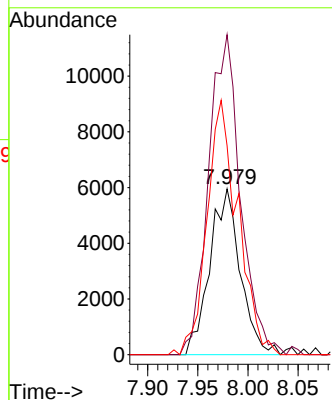
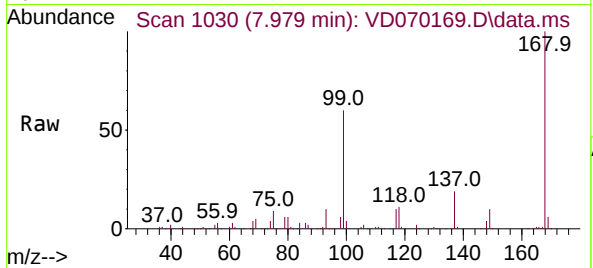




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

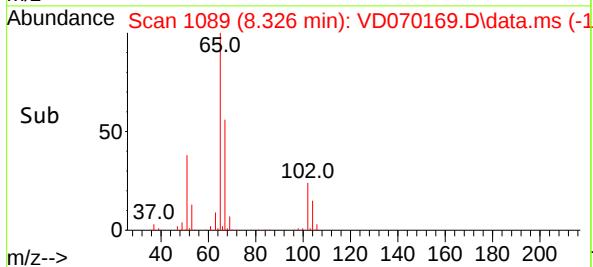
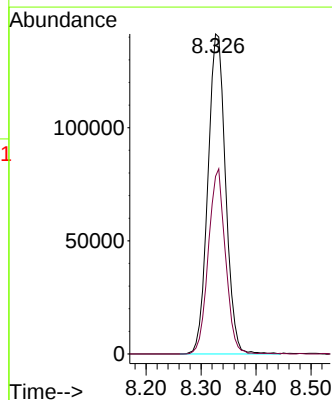
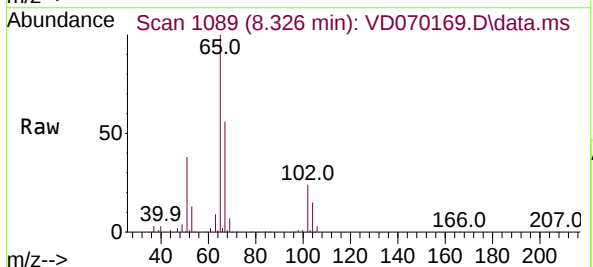
Instrument :
MSVOA_D
ClientSampleId :

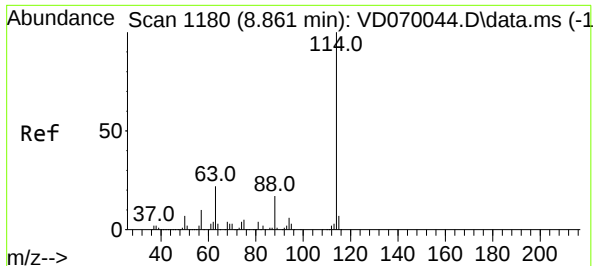
Tgt Ion: 56 Resp: 12629
Ion Ratio Lower Upper
56 100
69 193.1 26.7 40.1#
84 126.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 52.182 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 65 Resp: 316001
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

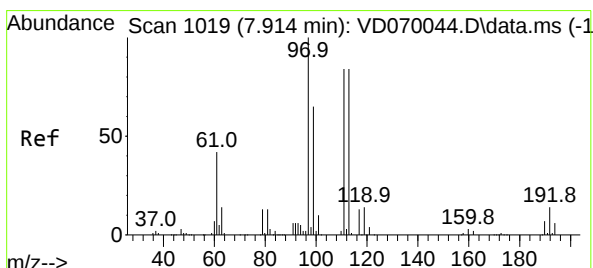
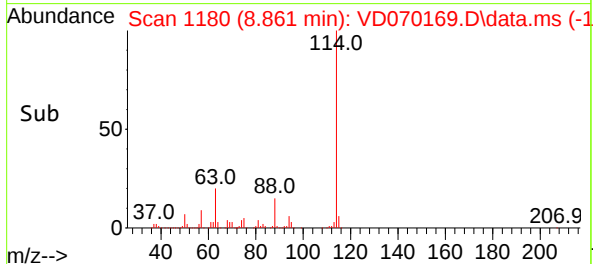
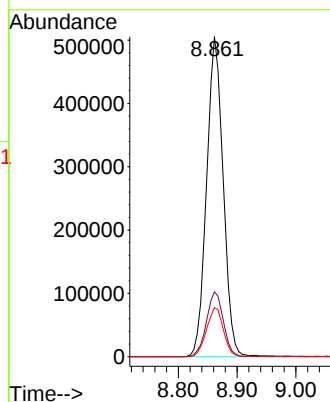
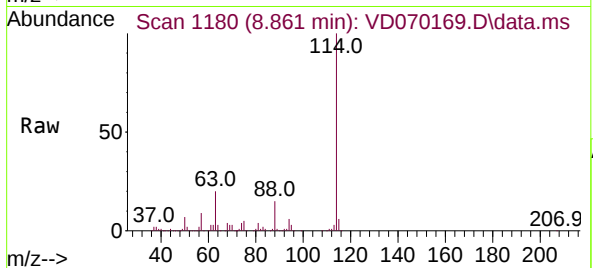
Delta R.T. 0.000 min

Lab File: VD070169.D

Acq: 19 Aug 2021 15:49

Tgt Ion:	114	Resp:	990767
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	43.6
88	15.3	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :



#35

Dibromofluoromethane

Concen: 51.711 ug/l

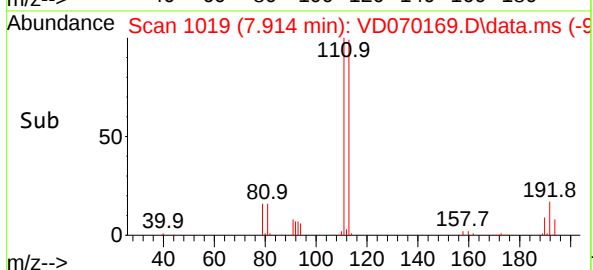
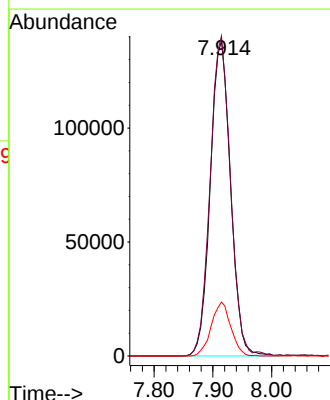
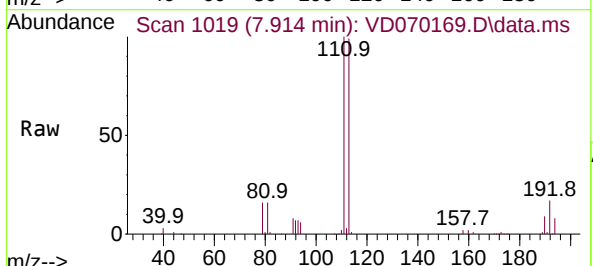
RT: 7.914 min Scan# 1019

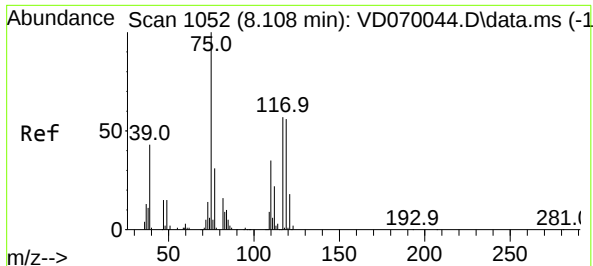
Delta R.T. 0.000 min

Lab File: VD070169.D

Acq: 19 Aug 2021 15:49

Tgt Ion:	113	Resp:	331000
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.8	122.6
192	16.5	13.2	19.8

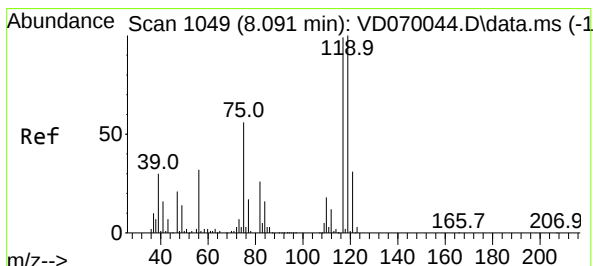
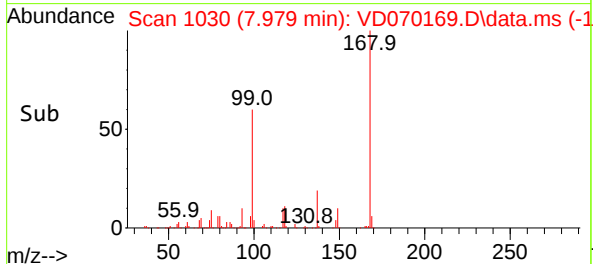
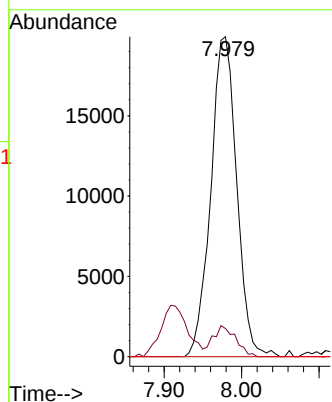
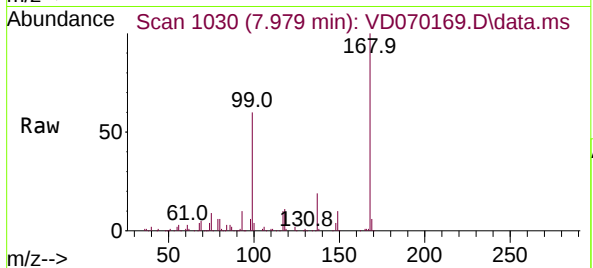




#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

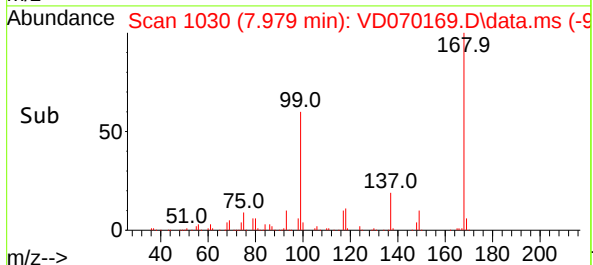
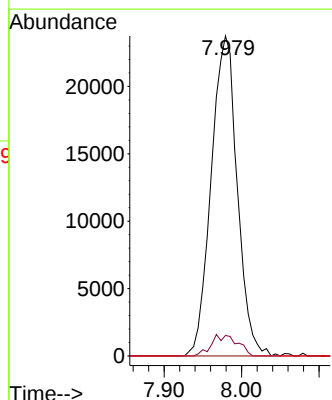
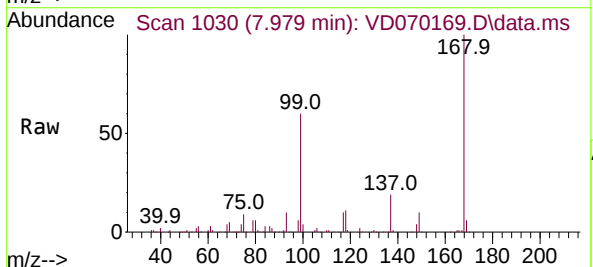
Instrument :
MSVOA_D
ClientSampled :

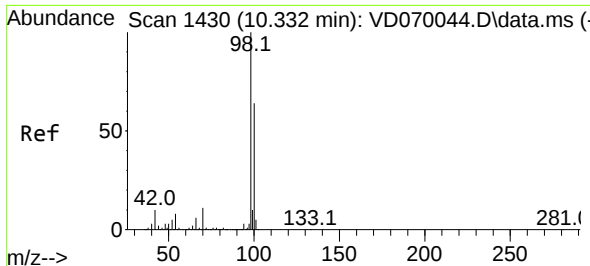
Tgt Ion: 75 Resp: 46372
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 117 Resp: 55546
Ion Ratio Lower Upper
117 100
119 6.4 81.0 121.6#
121 0.0 25.0 37.6#

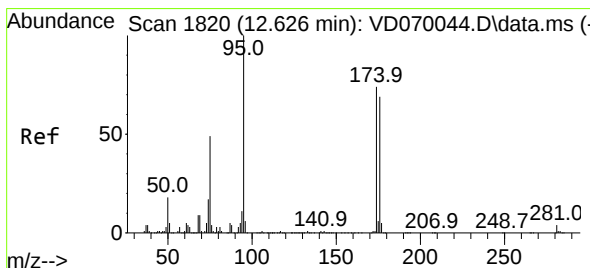
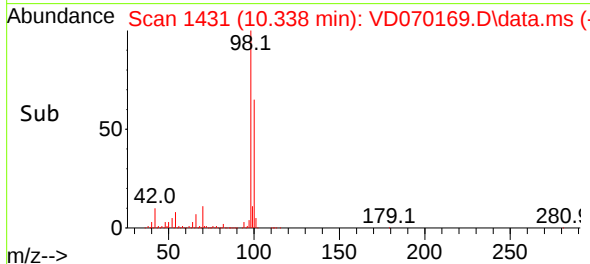
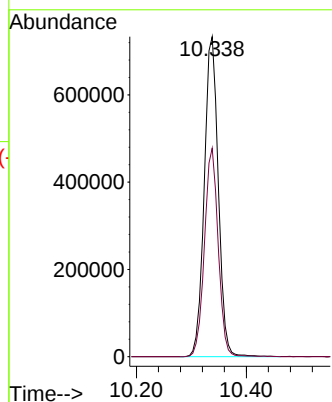
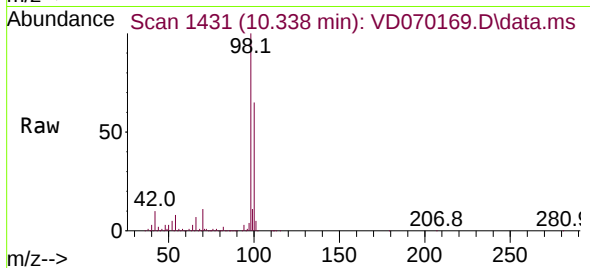




#50
Toluene-d8
Concen: 52.094 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

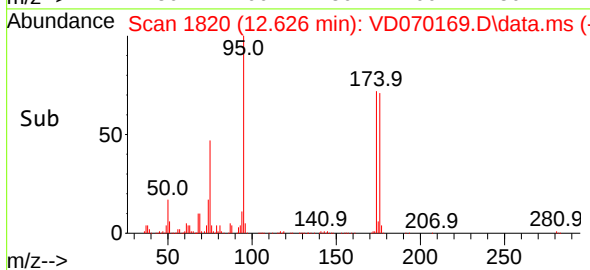
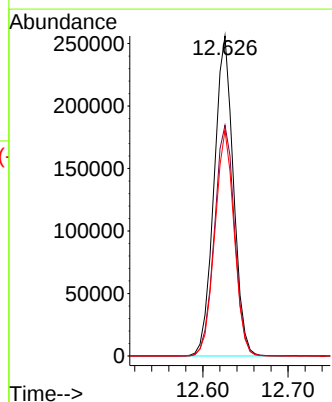
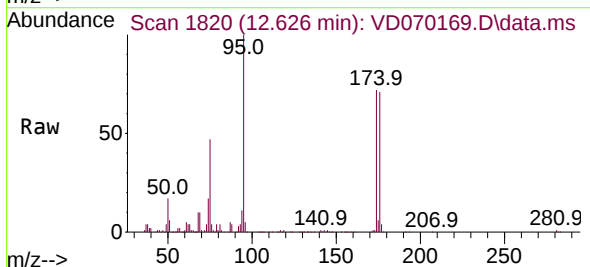
Instrument :
MSVOA_D
ClientSampleId :

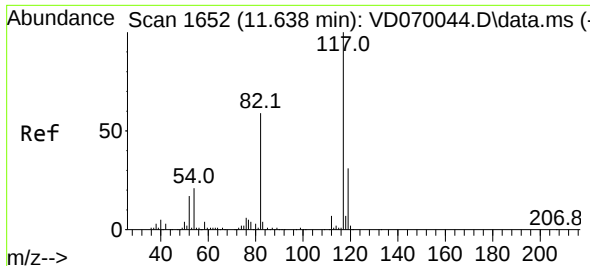
Tgt Ion: 98 Resp: 1296954
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 95 Resp: 404681
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 70.3 0.0 138.2

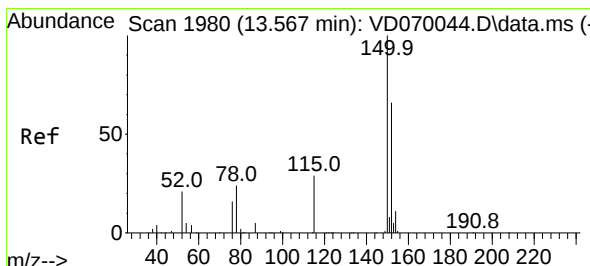
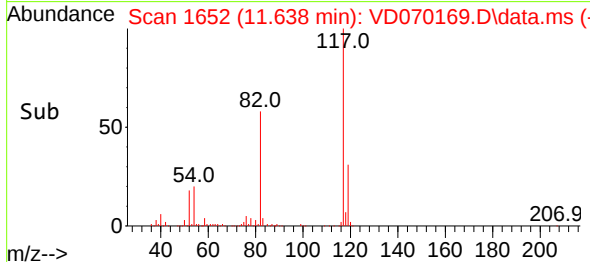
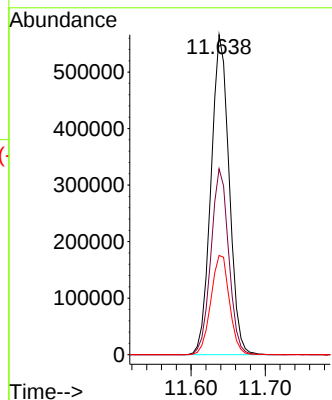
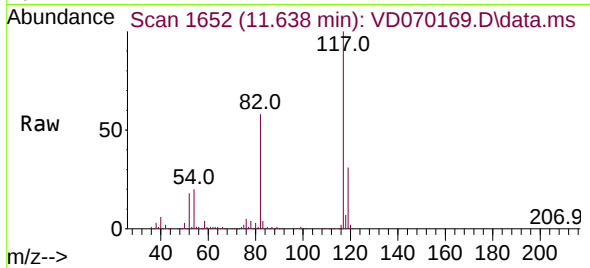




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

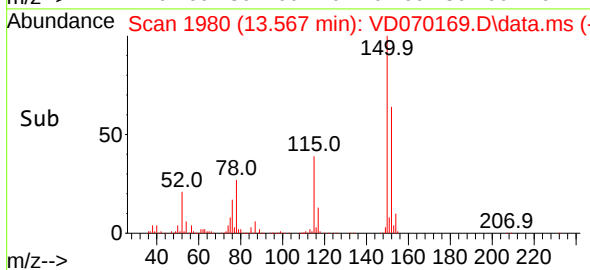
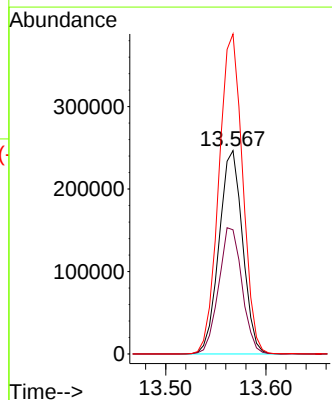
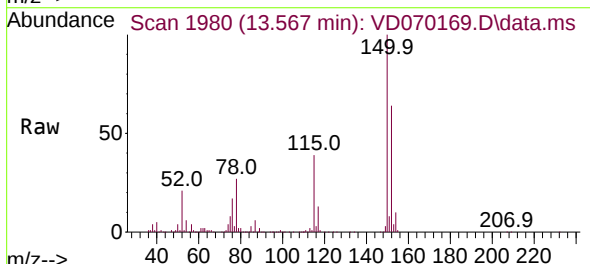
Instrument :
MSVOA_D
ClientSampled :

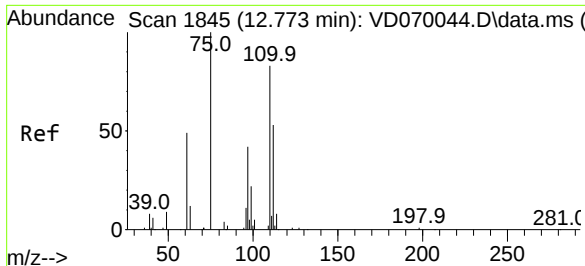
Tgt Ion:117 Resp: 962569
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion:152 Resp: 400997
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 159.0 0.0 352.0

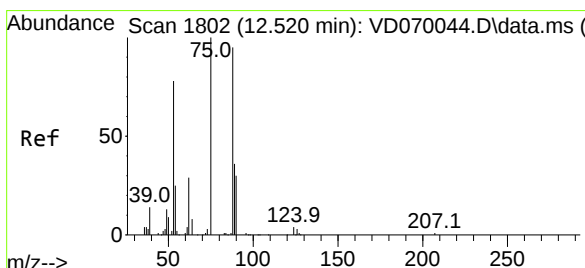
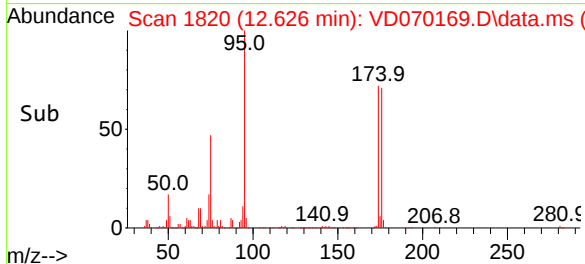
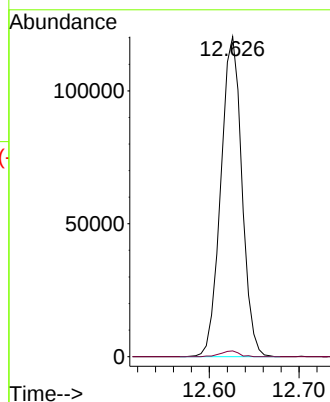
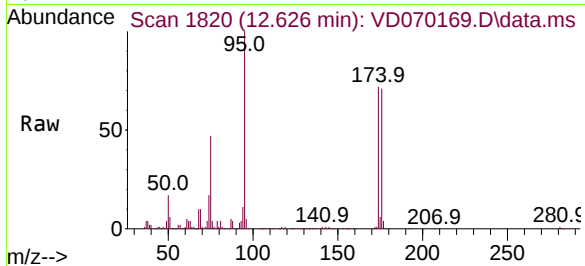




#76
1,2,3-Trichloropropane
Concen: 48.290 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

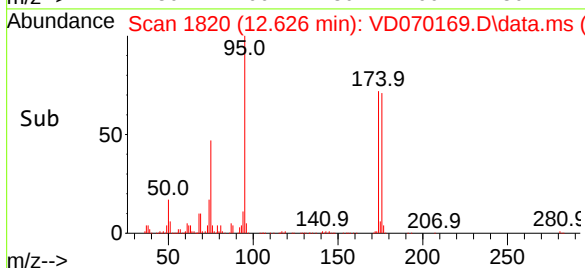
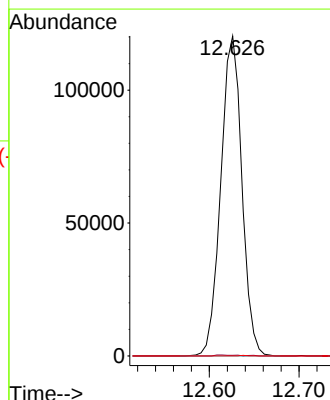
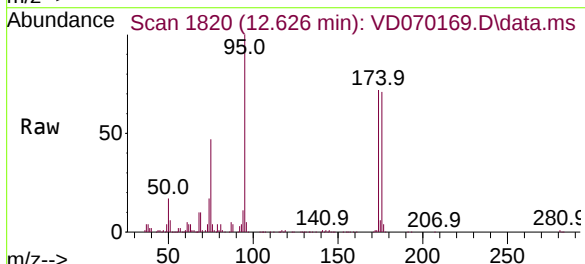
Instrument :
MSVOA_D
ClientSampleId :

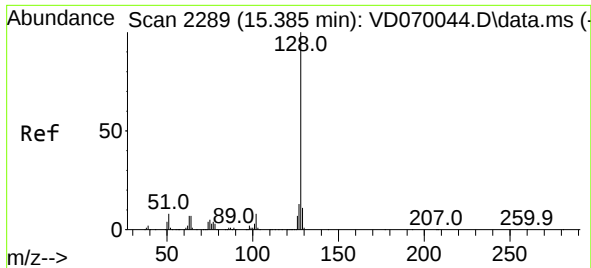
Tgt Ion: 75 Resp: 196378
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.342 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Tgt Ion: 75 Resp: 196378
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#





#95
Naphthalene
Concen: 1.051 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070169.D
Acq: 19 Aug 2021 15:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	12567
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.4	8.3	12.5

