

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070911.D
 Acq On : 03 Nov 2021 15:35
 Operator : VA/SY
 Sample : M4475-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 22:11:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	336661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	617201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	597811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173365	51.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.400%
35) Dibromofluoromethane	7.914	113	212640	52.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.338	98	799515	52.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.626	95	237991	47.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.220%

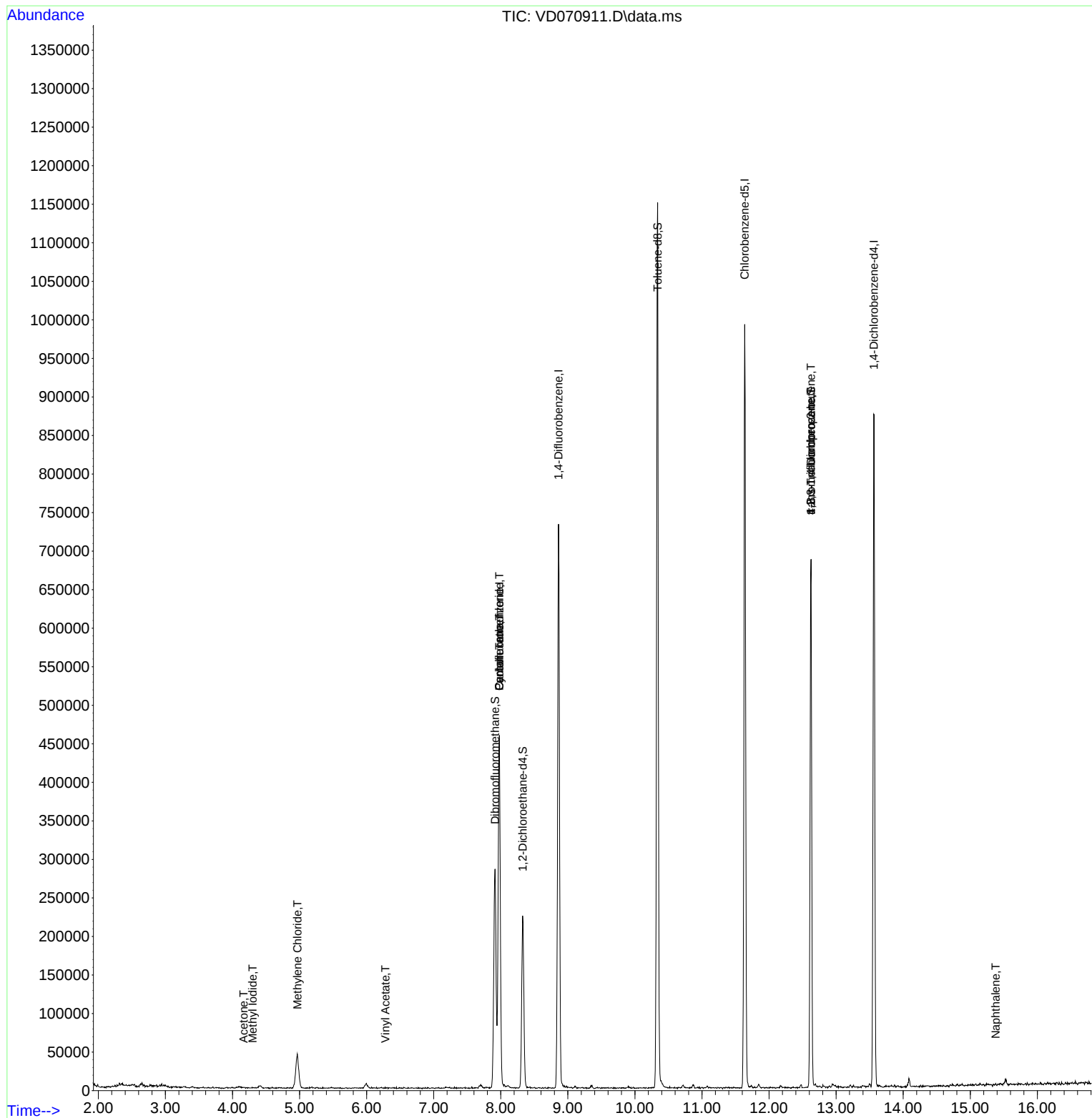
Target Compounds					Qvalue	
5) Bromomethane	2.791	94	668	Below Cal	#	66
10) Methyl Iodide	4.303	142	77	3.627	ug/l #	40
16) Acetone	4.167	43	1265	1.606	ug/l #	85
20) Methylene Chloride	4.967	84	34622	2.622	ug/l	93
23) Vinyl Acetate	6.279	43	55	14.424	ug/l #	72
31) Cyclohexane	7.979	56	7745	1.123	ug/l #	1
38) Carbon Tetrachloride	7.979	117	34410	5.299	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	108858	43.518	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	108858	114.221	ug/l #	18
95) Naphthalene	15.379	128	528	4.185	ug/l #	69

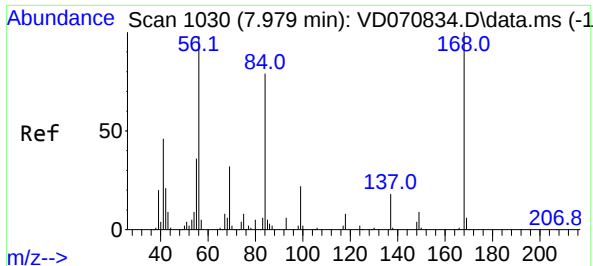
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

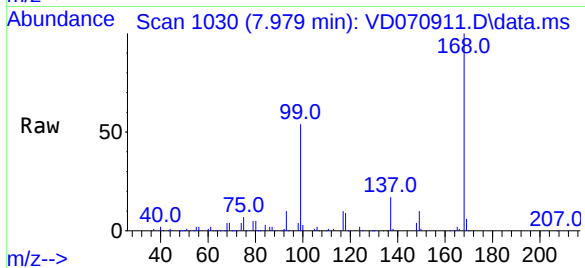
Quant Time: Nov 03 22:11:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration



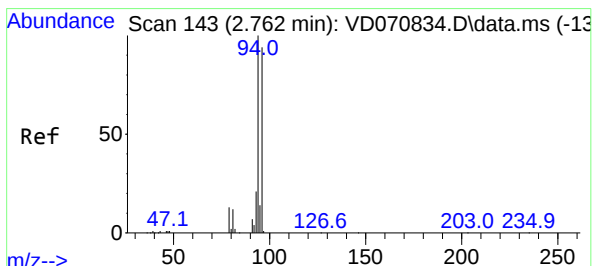
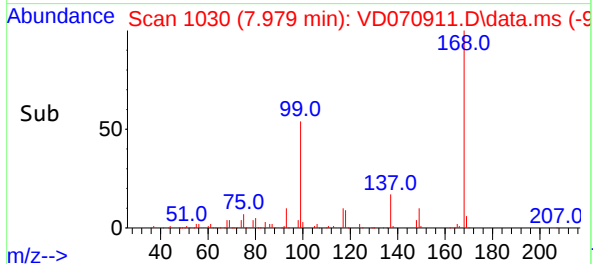
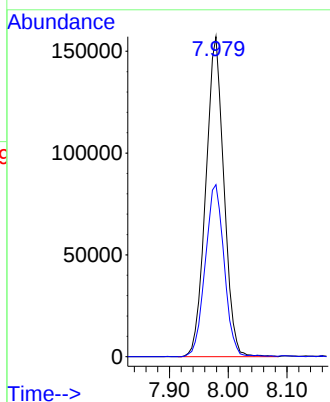


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :

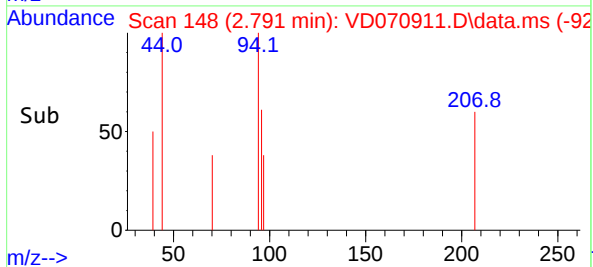
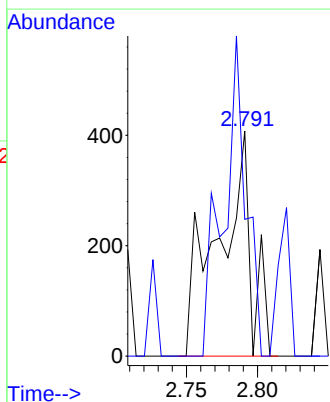
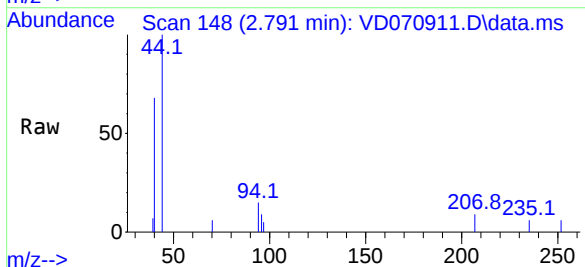


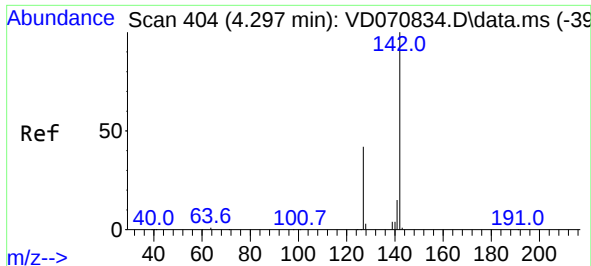
Tgt Ion:168 Resp: 336661
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.029 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 60.8 74.8 112.2#





#10

Methyl Iodide

Concen: 3.627 ug/l

RT: 4.303 min Scan# 40

Delta R.T. 0.006 min

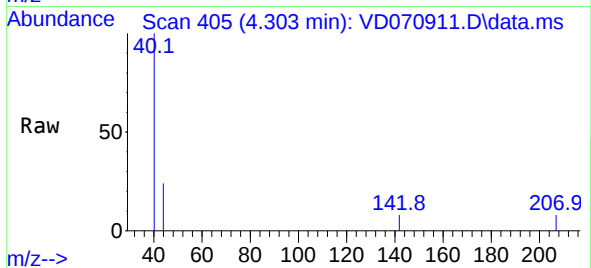
Lab File: VD070911.D

Acq: 03 Nov 2021 15:35

Instrument :

MSVOA_D

ClientSampleId :



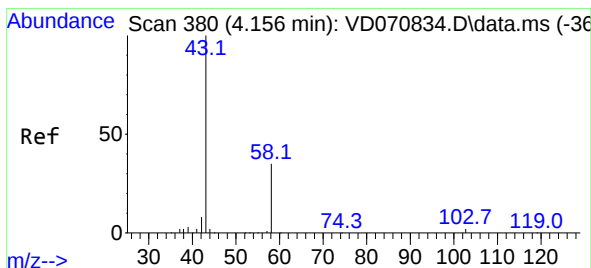
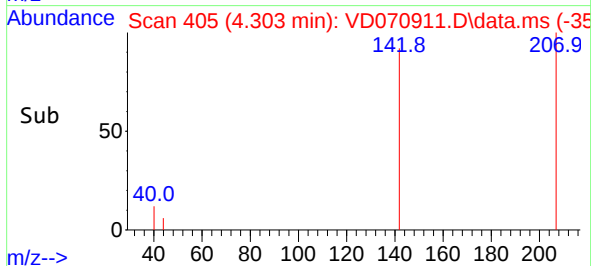
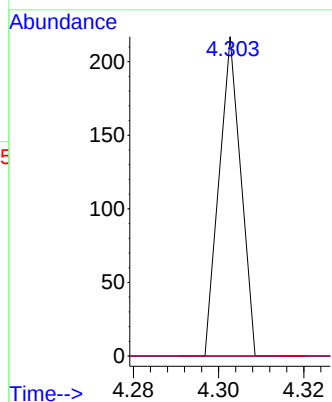
Tgt Ion:142 Resp: 77

Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.4#

141 0.0 12.0 18.0#



#16

Acetone

Concen: 1.606 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD070911.D

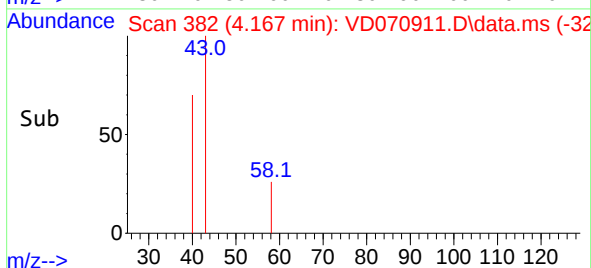
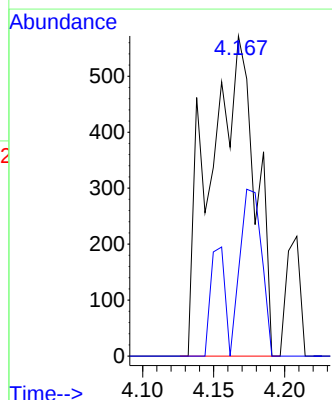
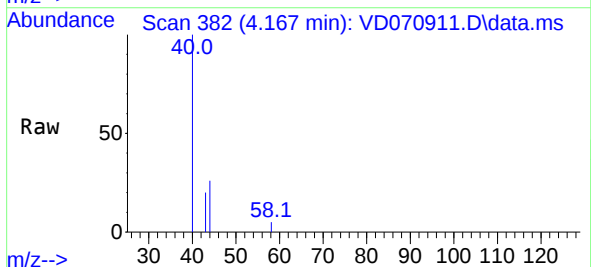
Acq: 03 Nov 2021 15:35

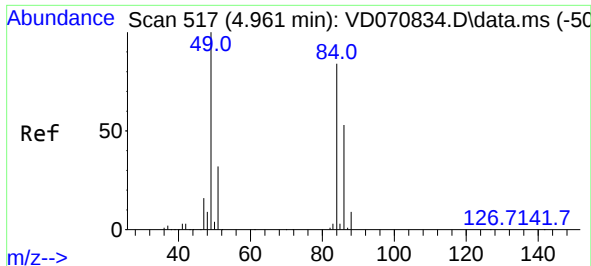
Tgt Ion: 43 Resp: 1265

Ion Ratio Lower Upper

43 100

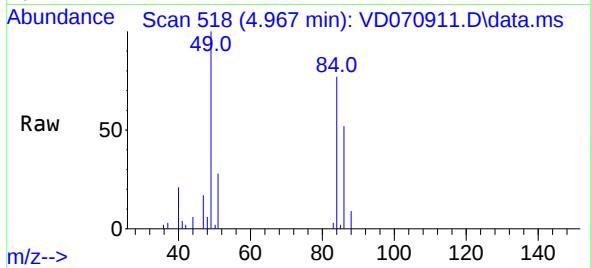
58 26.2 27.8 41.8#





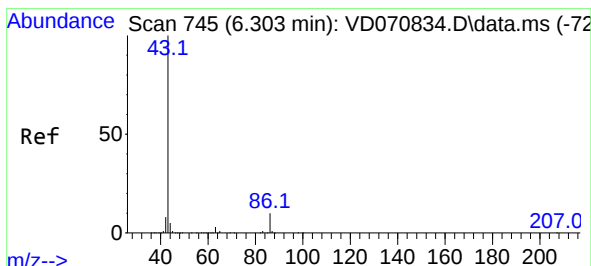
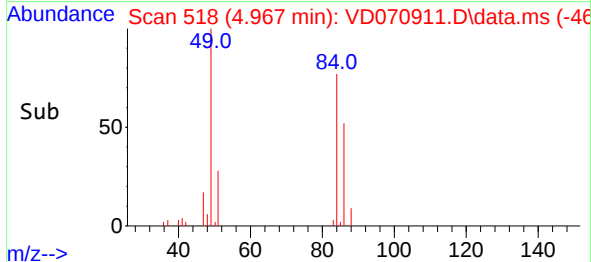
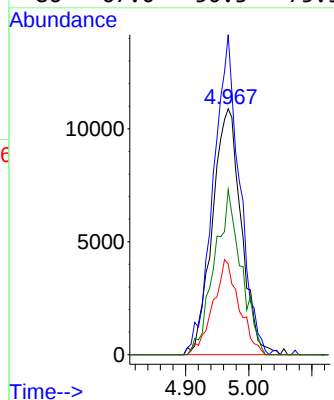
#20
Methylene Chloride
Concen: 2.622 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 34622

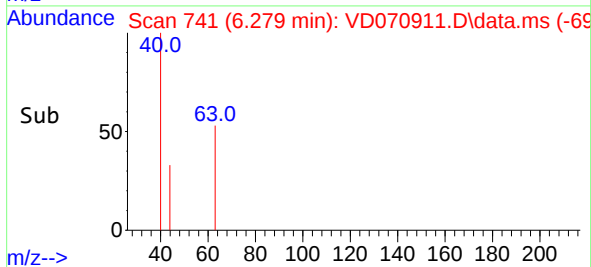
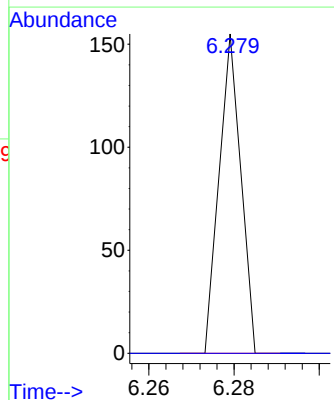
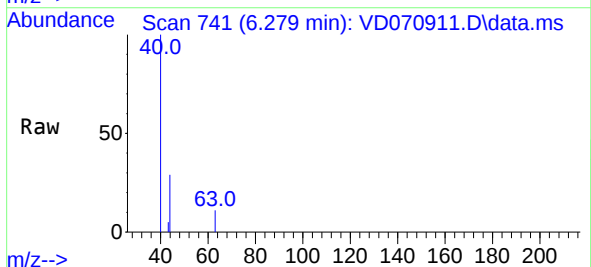
Ion	Ratio	Lower	Upper
84	100		
49	130.1	95.8	143.6
51	36.9	30.9	46.3
86	67.0	50.3	75.5

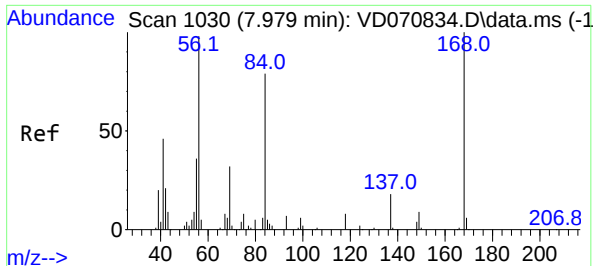


#23
Vinyl Acetate
Concen: 14.424 ug/l
RT: 6.279 min Scan# 741
Delta R.T. -0.024 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion: 43 Resp: 55

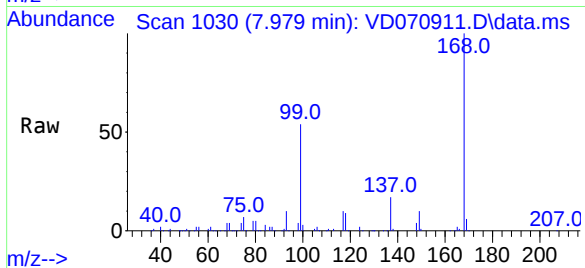
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



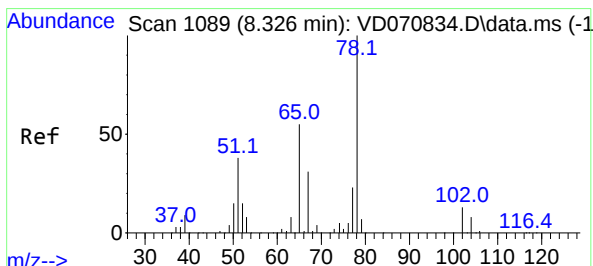
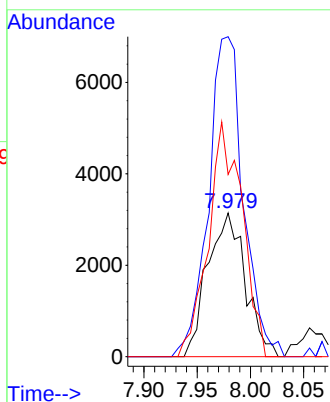
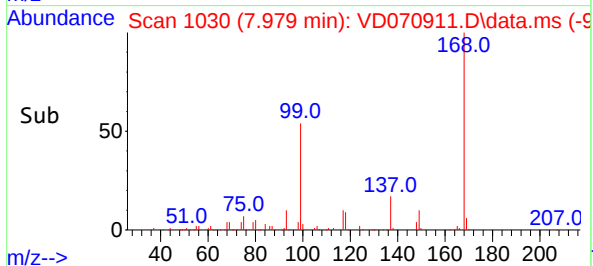


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :

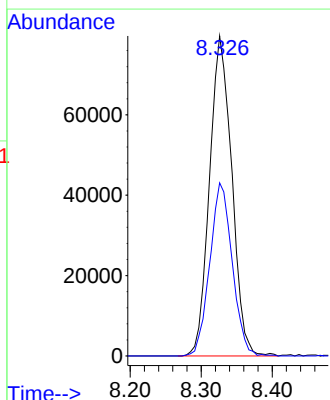
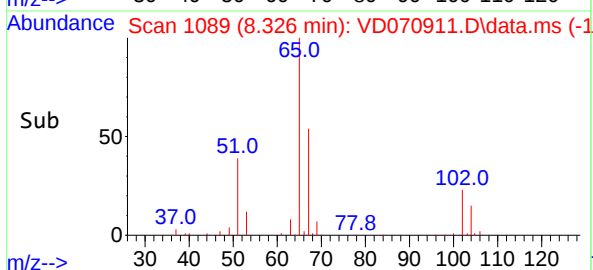
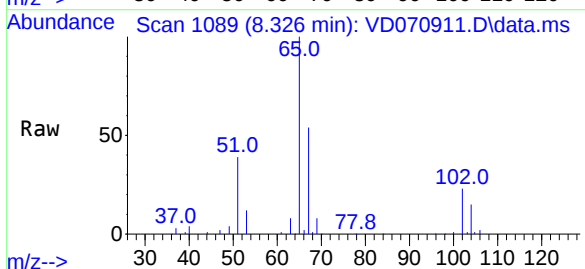


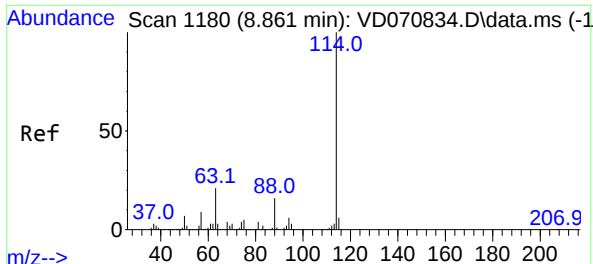
Tgt Ion: 56 Resp: 7745
Ion Ratio Lower Upper
56 100
69 216.9 25.9 38.9#
84 126.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 51.201 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion: 65 Resp: 173365
Ion Ratio Lower Upper
65 100
67 54.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070911.D

Acq: 03 Nov 2021 15:35

Instrument :

MSVOA_D

ClientSampleId :

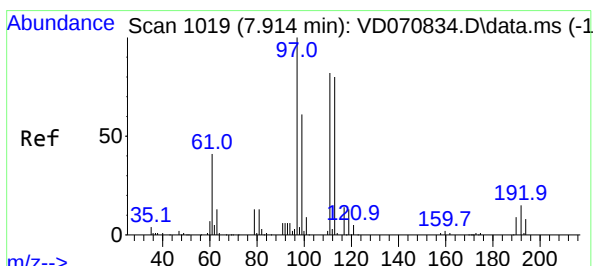
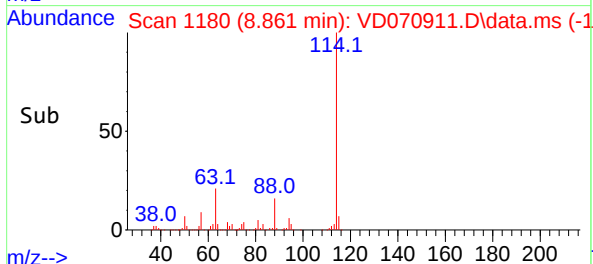
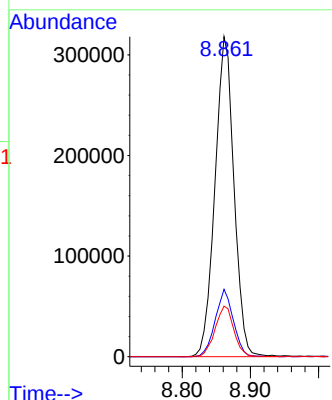
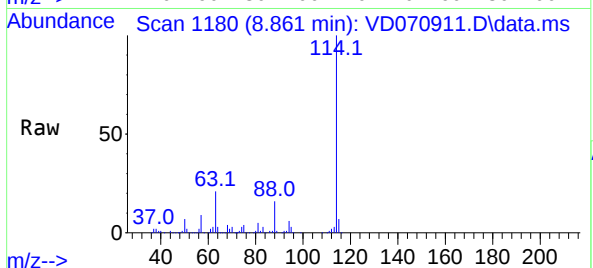
Tgt Ion:114 Resp: 617201

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.252 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070911.D

Acq: 03 Nov 2021 15:35

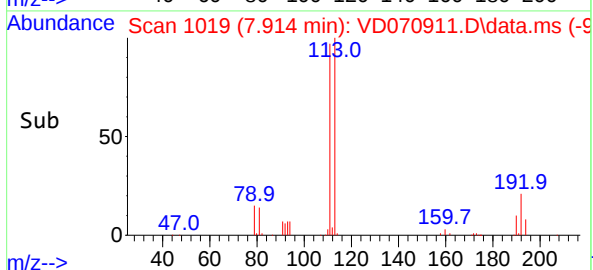
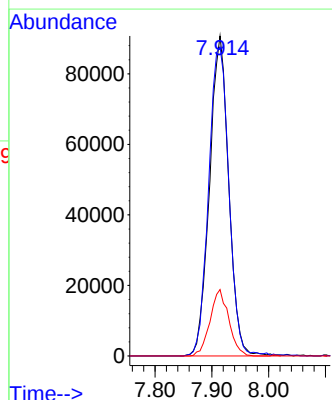
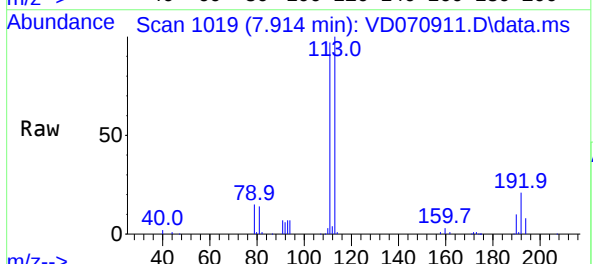
Tgt Ion:113 Resp: 212640

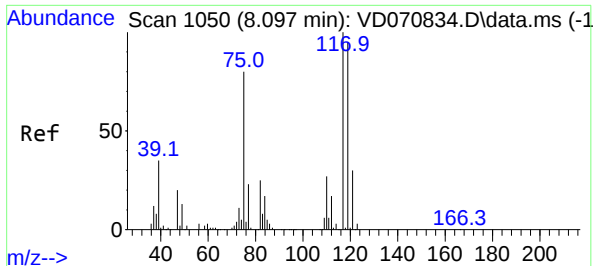
Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

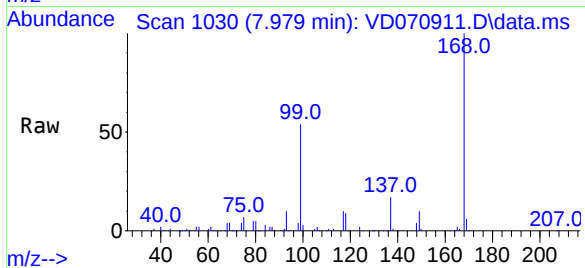
192 20.2 15.2 22.8



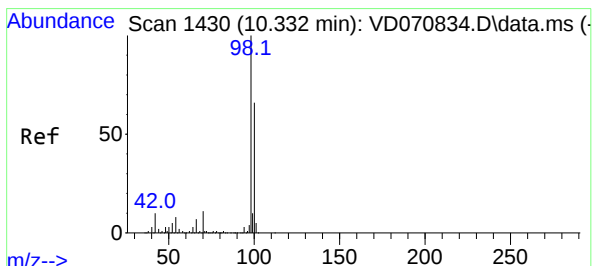
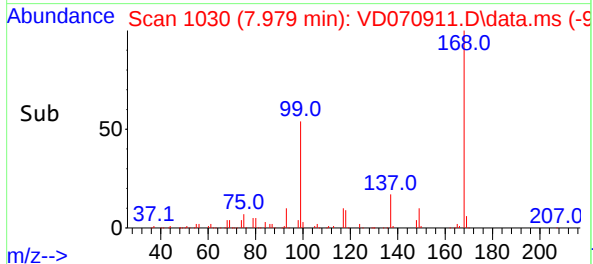
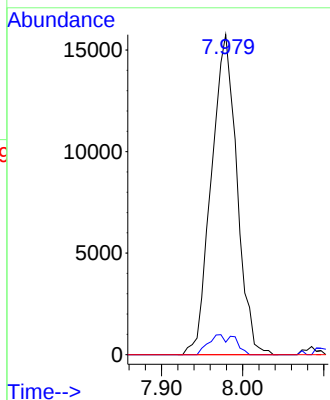


#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :

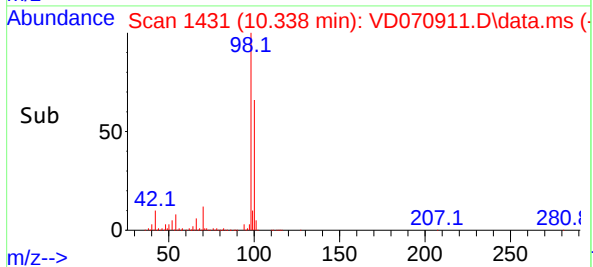
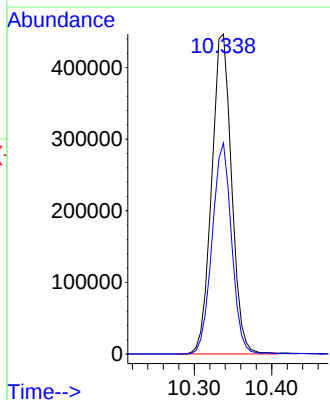
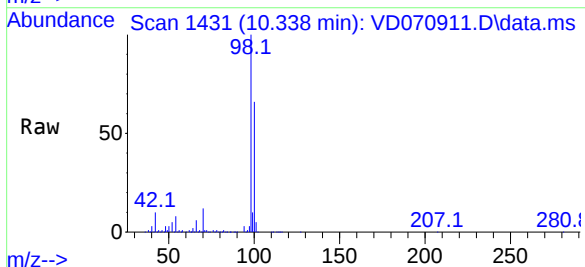


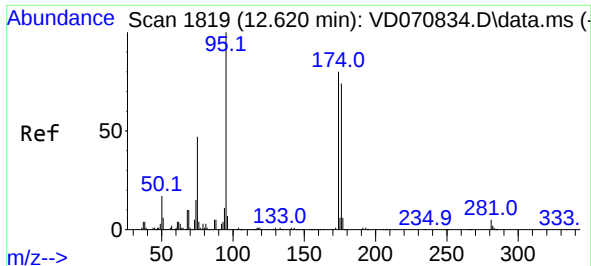
Tgt Ion:117 Resp: 34410
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 52.221 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion: 98 Resp: 799515
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

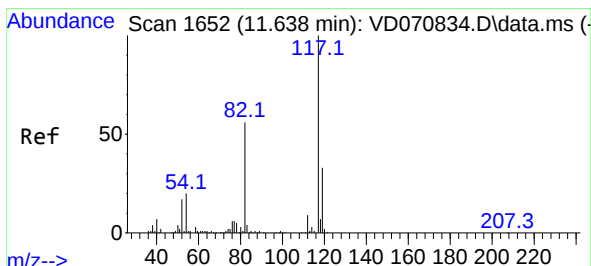
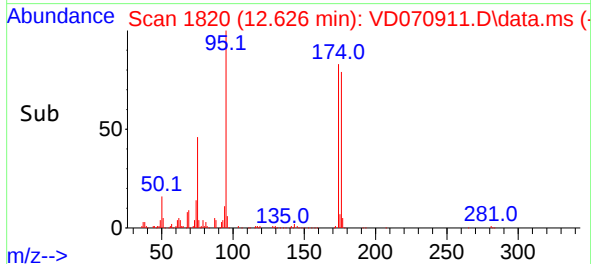
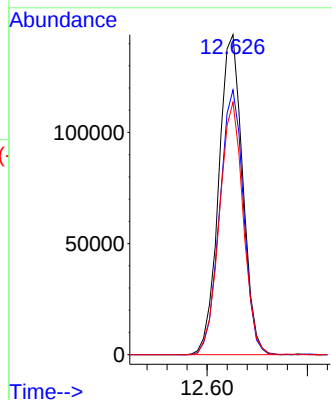
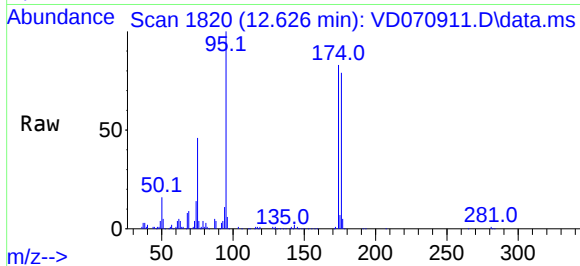




#62
4-Bromofluorobenzene
Concen: 47.113 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

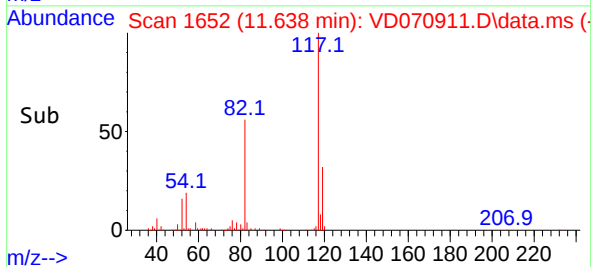
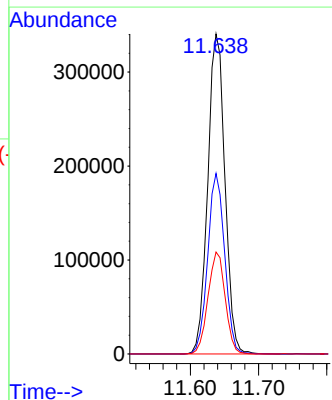
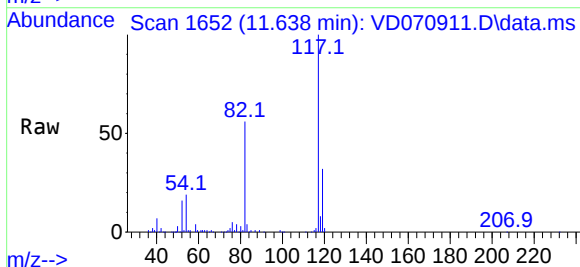
Instrument :
MSVOA_D
ClientSampleId :

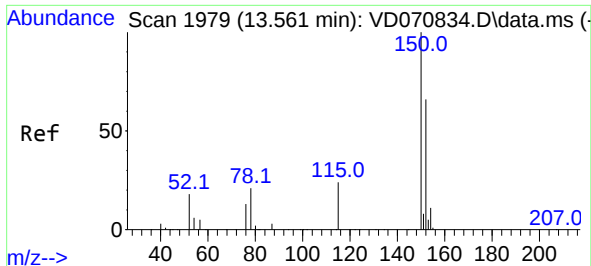
Tgt Ion: 95 Resp: 237991
Ion Ratio Lower Upper
95 100
174 82.5 0.0 159.4
176 78.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

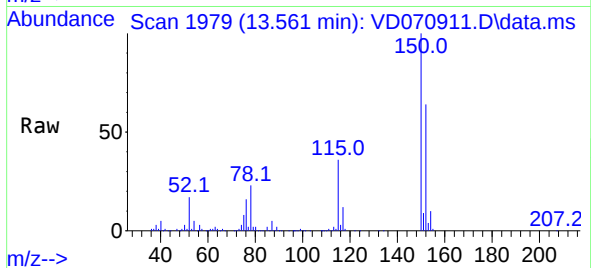
Tgt Ion: 117 Resp: 597811
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.8 26.2 39.4



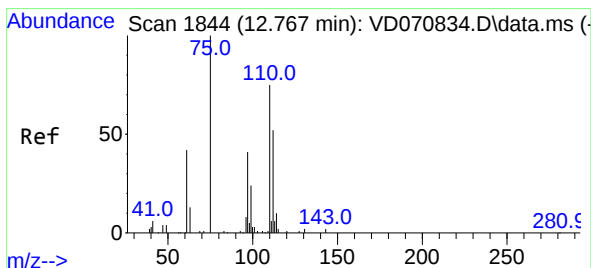
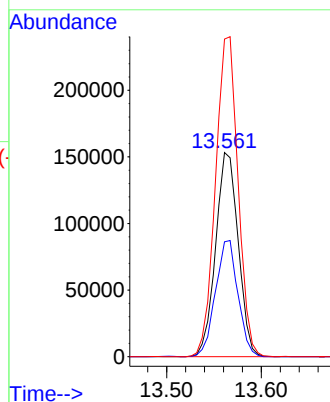
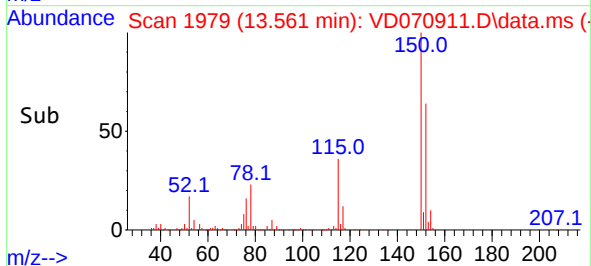


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :

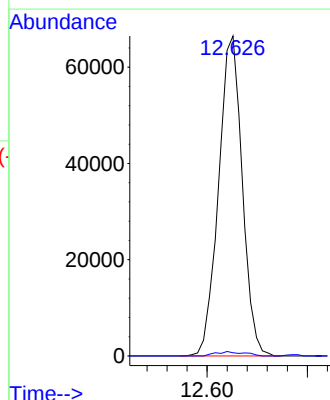
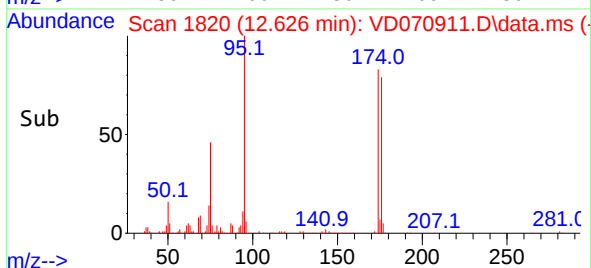
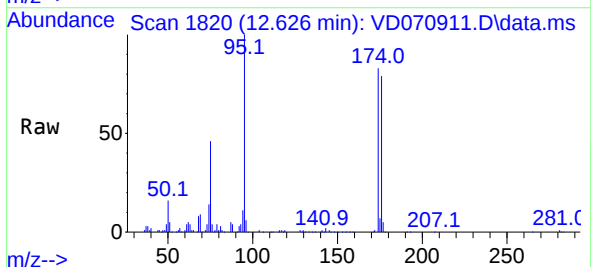


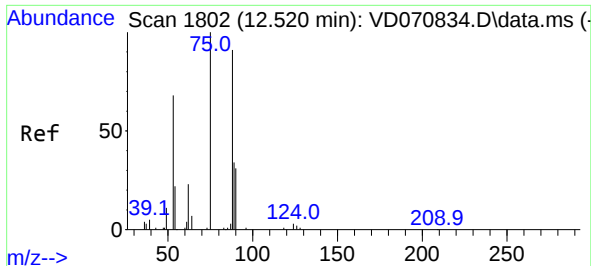
Tgt Ion:152 Resp: 254103
Ion Ratio Lower Upper
152 100
115 56.6 29.8 89.3
150 156.4 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 43.518 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion: 75 Resp: 108858
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#

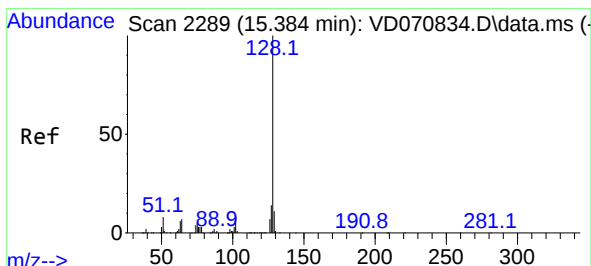
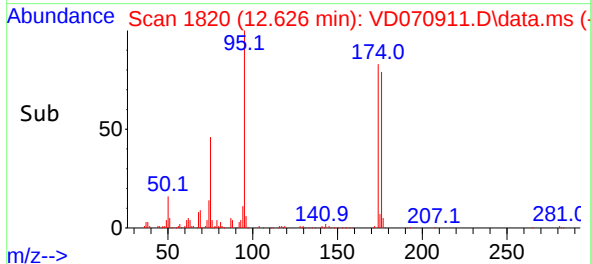
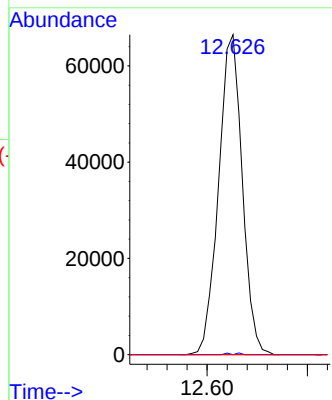
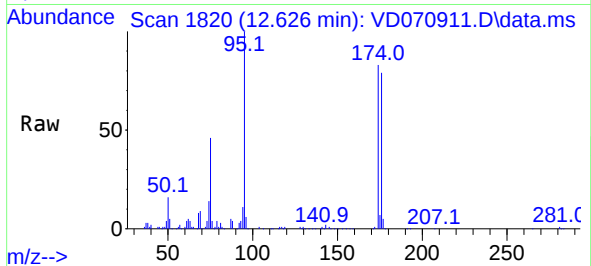




#81
trans-1,4-Dichloro-2-butene
Concen: 114.221 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 108858
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.185 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070911.D
Acq: 03 Nov 2021 15:35

Tgt Ion:128 Resp: 528
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

