

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070191.D
 Acq On : 20 Aug 2021 04:14
 Operator : VA/SY
 Sample : M3449-13
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Aug 20 05:51:05 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)

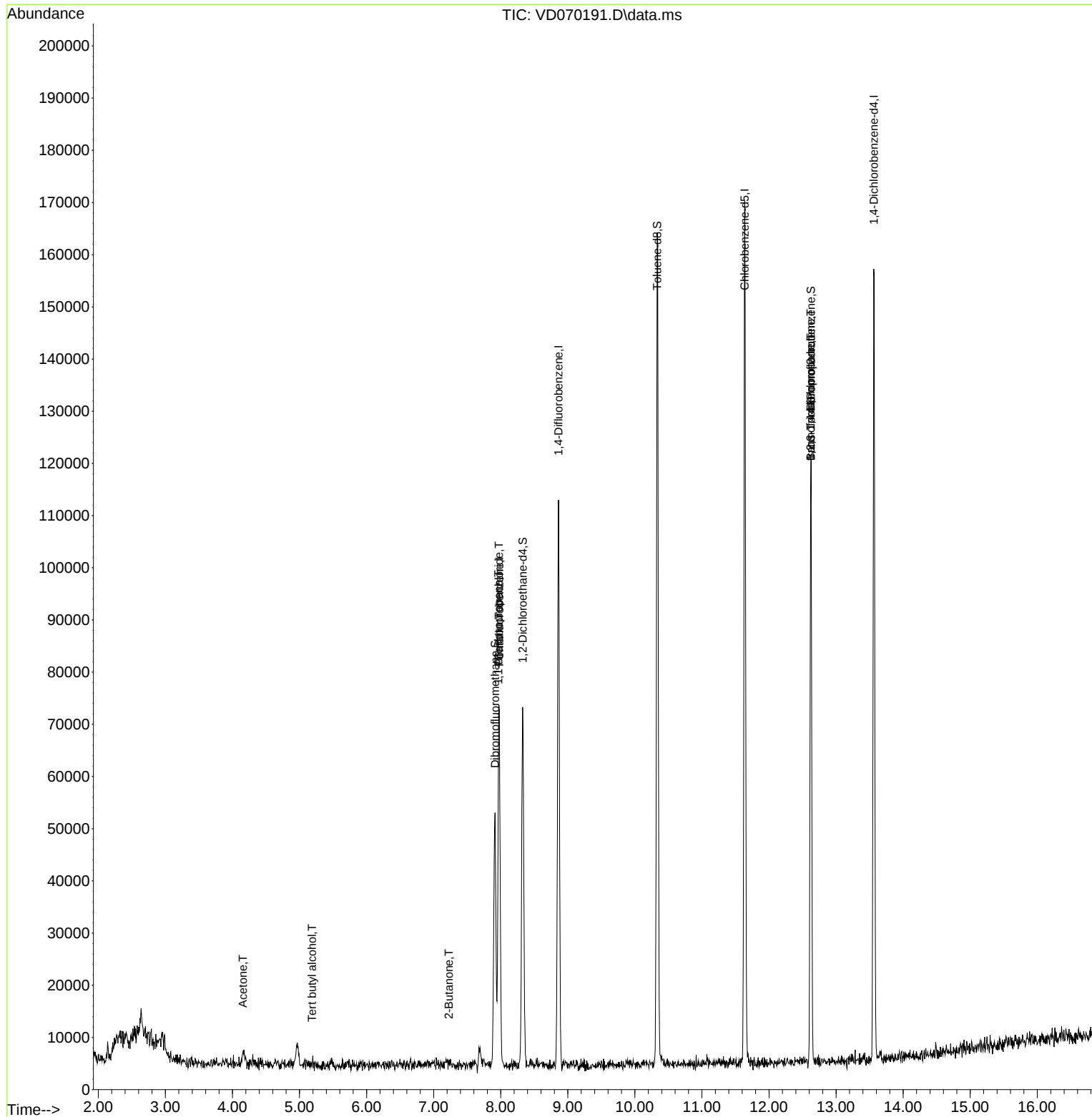
Internal Standards						
1) Pentafluorobenzene	7.979	168	50442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	88168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	100117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	41450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	52770	88.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.900%#			
35) Dibromofluoromethane	7.914	113	35947	63.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.220%			
50) Toluene-d8	10.332	98	112411	50.738	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.626	95	39308	53.866	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.740%			
Target Compounds						
3) Chloromethane	2.209	50	448	Below Cal	#	73
5) Bromomethane	2.779	94	1864	Below Cal		92
11) Tert butyl alcohol	5.185	59	61	1.860	ug/l #	71
16) Acetone	4.156	43	4627	42.336	ug/l	91
20) Methylene Chloride	4.956	84	2956	Below Cal	#	88
25) 2-Butanone	7.226	43	340	2.277	ug/l #	44
36) 1,1-Dichloropropene	7.967	75	4455	4.697	ug/l #	42
38) Carbon Tetrachloride	7.973	117	5068	5.885	ug/l #	16
71) Bromoform	12.620	173	395	1.091	ug/l #	29
76) 1,2,3-Trichloropropane	12.620	75	18083	43.018	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	18083	111.659	ug/l #	17

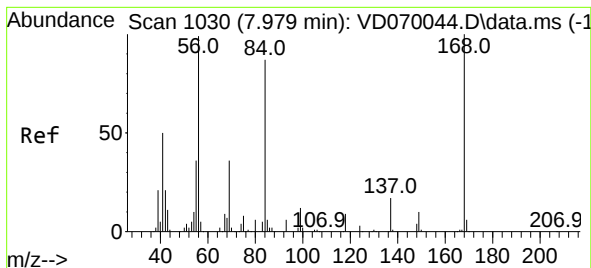
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.27G/5.00ml/MSVOA_D/SOIL
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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

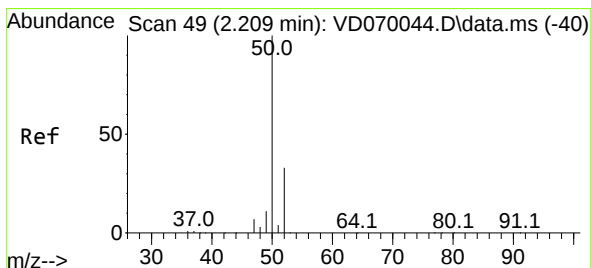
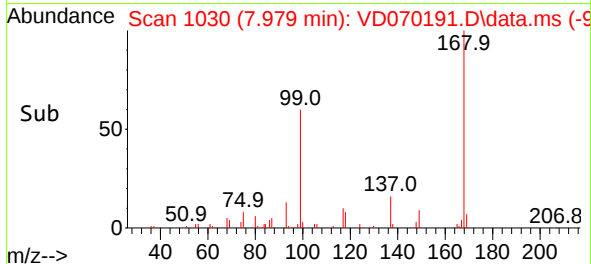
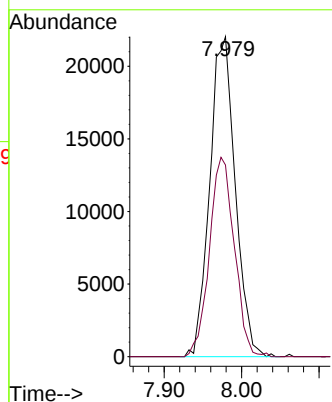
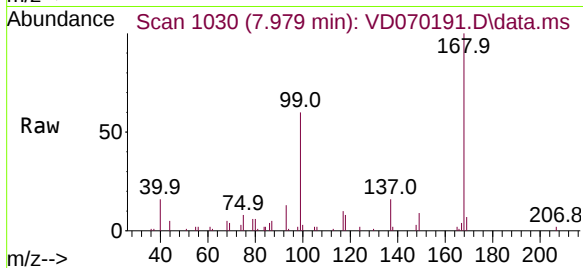




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

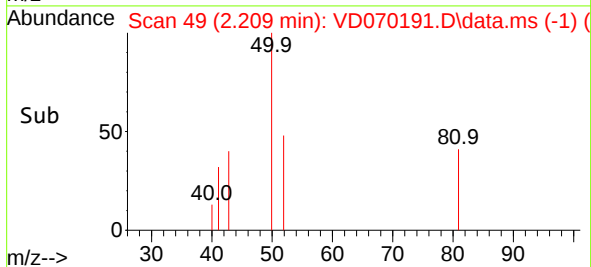
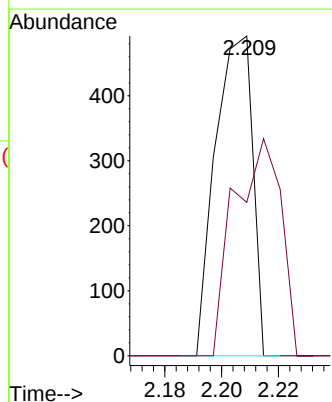
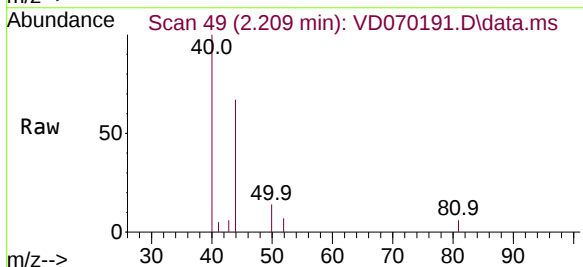
Instrument :
MSVOA_D
ClientSampleId :
TP5

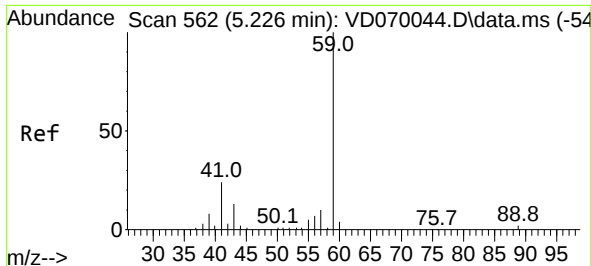
Tgt Ion:168 Resp: 50442
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 50 Resp: 448
Ion Ratio Lower Upper
50 100
52 48.0 26.3 39.5#



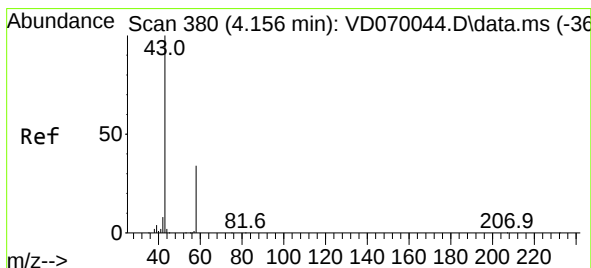
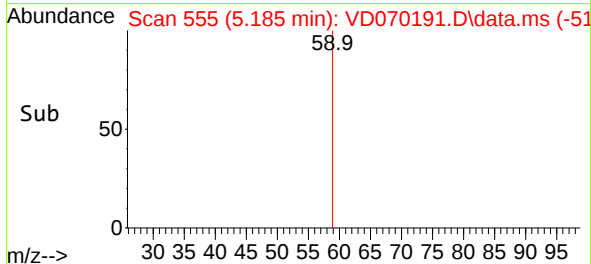
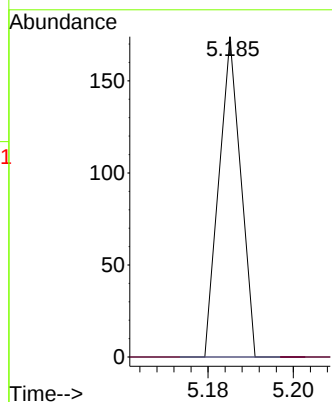
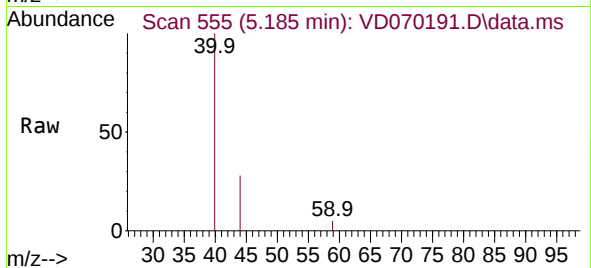


#11

Tert butyl alcohol
Concen: 1.860 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Instrument :
MSVOA_D
ClientSampleId :
TP5

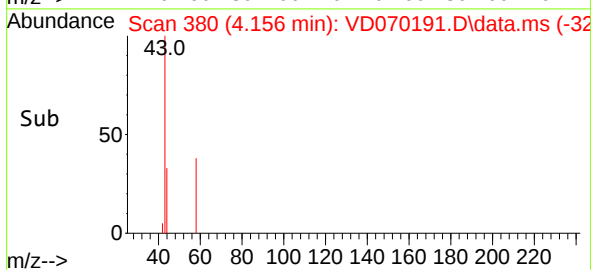
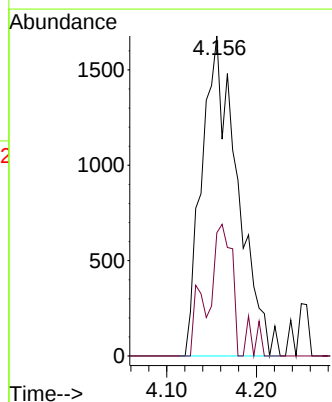
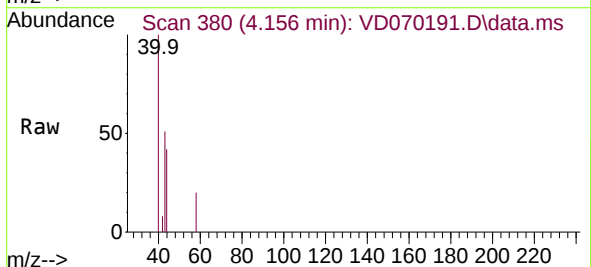
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

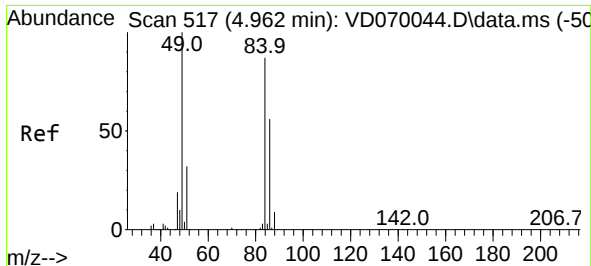


#16

Acetone
Concen: 42.336 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

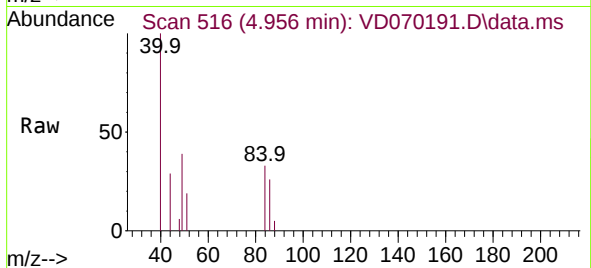
Tgt Ion: 43 Resp: 4627
Ion Ratio Lower Upper
43 100
58 38.5 26.8 40.2



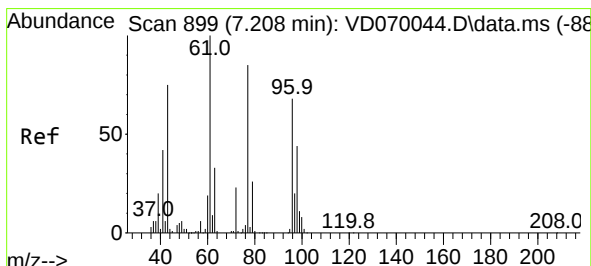
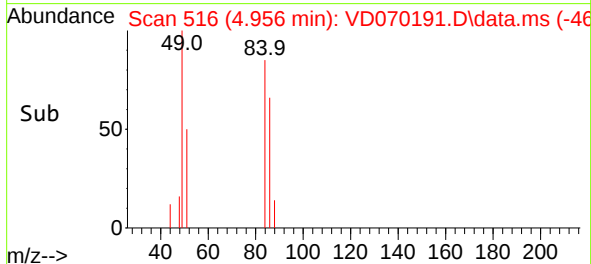
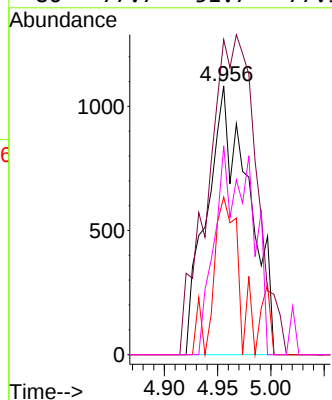


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Instrument :
MSVOA_D
ClientSampled :
TP5

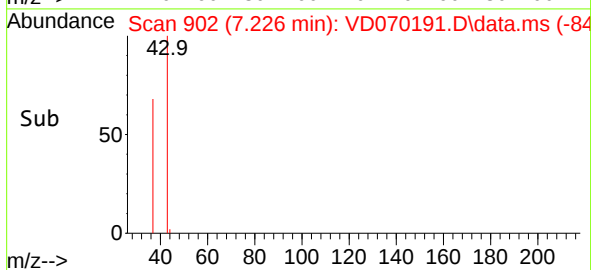
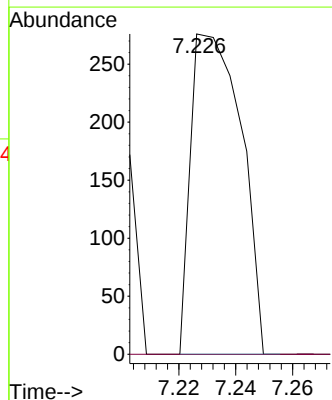
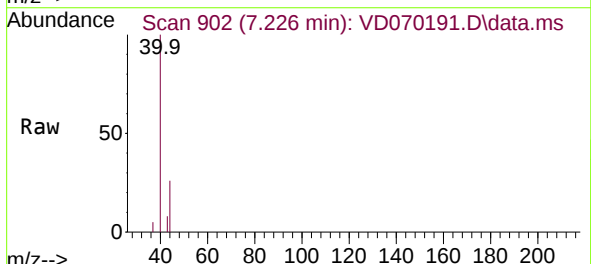


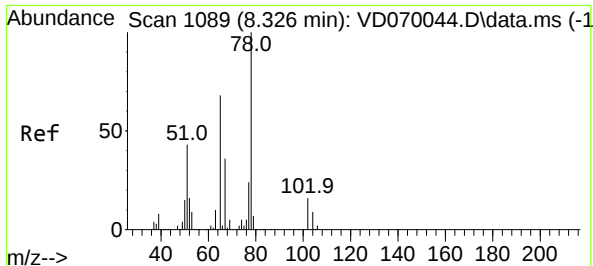
Tgt Ion:	84	Resp:	2956
Ion	Ratio	Lower	Upper
84	100		
49	117.2	92.5	138.7
51	58.6	29.7	44.5#
86	77.7	51.7	77.5#



#25
2-Butanone
Concen: 2.277 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.018 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion:	43	Resp:	340
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.4#

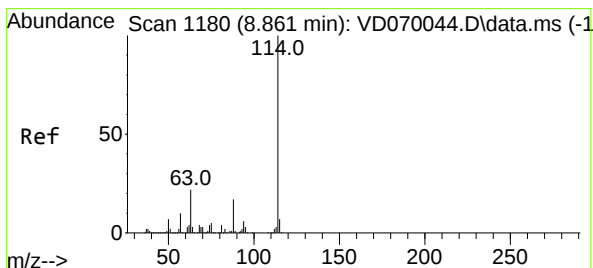
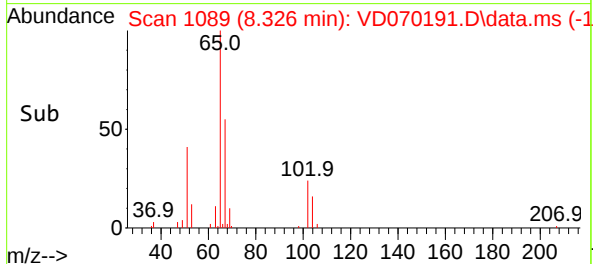
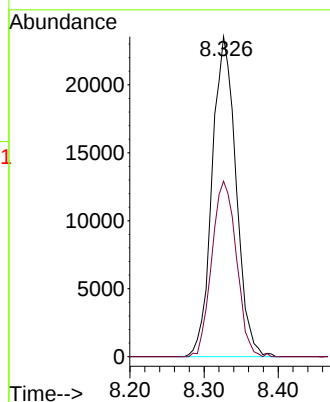
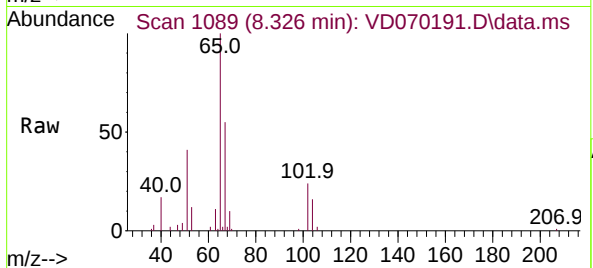




#33
1,2-Dichloroethane-d4
Concen: 88.947 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

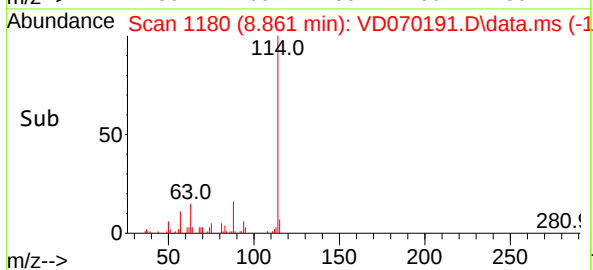
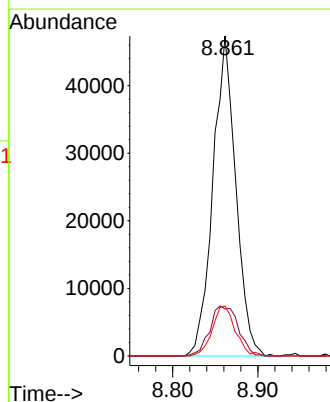
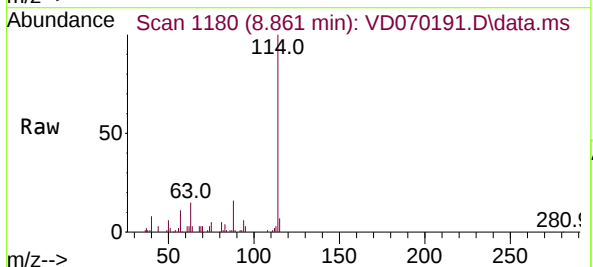
Instrument :
MSVOA_D
ClientSampleId :
TP5

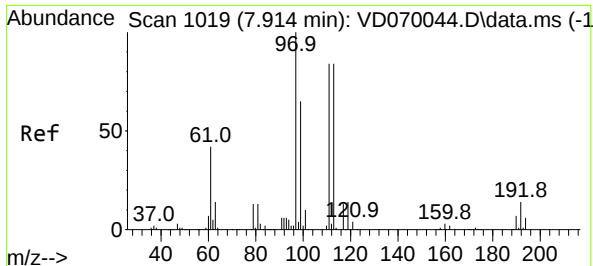
Tgt Ion: 65 Resp: 52770
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 114 Resp: 88168
Ion Ratio Lower Upper
114 100
63 14.7 0.0 43.6
88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 63.107 ug/l

RT: 7.914 min Scan# 1019

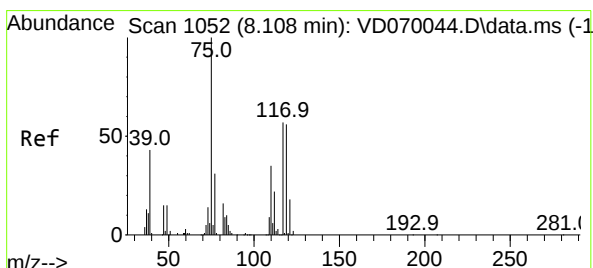
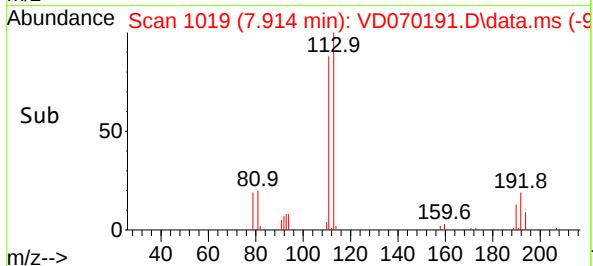
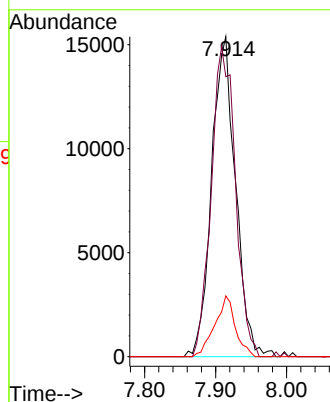
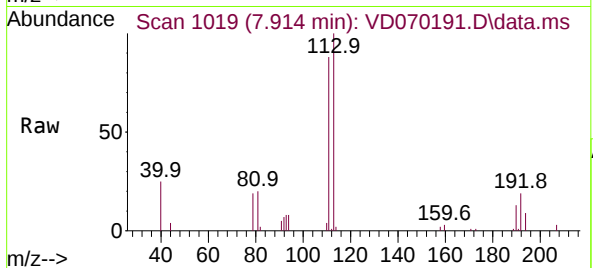
Delta R.T. 0.000 min

Lab File: VD070191.D

Acq: 20 Aug 2021 04:14

Tgt Ion:	113	Resp:	35947
Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.8	122.6
192	16.3	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
TP5



#36

1,1-Dichloropropene

Concen: 4.697 ug/l

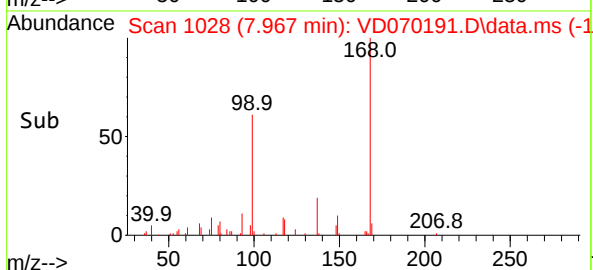
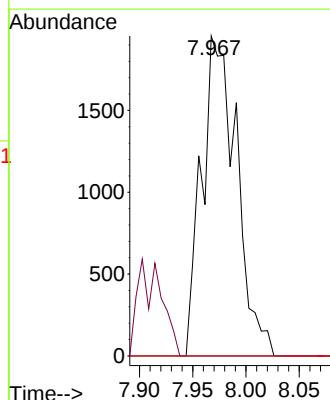
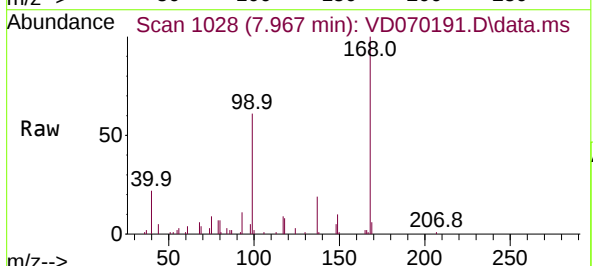
RT: 7.967 min Scan# 1028

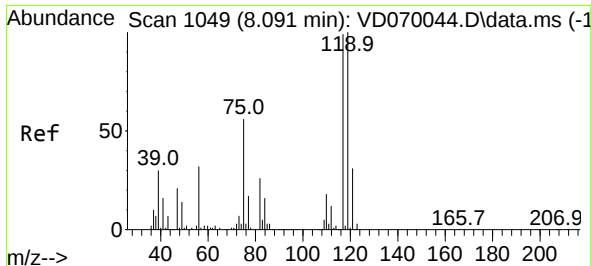
Delta R.T. -0.141 min

Lab File: VD070191.D

Acq: 20 Aug 2021 04:14

Tgt Ion:	75	Resp:	4455
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.9	50.7#
77	0.0	25.2	37.8#

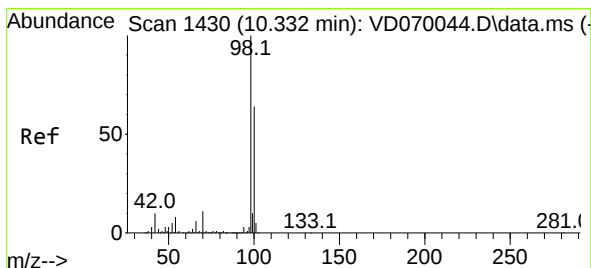
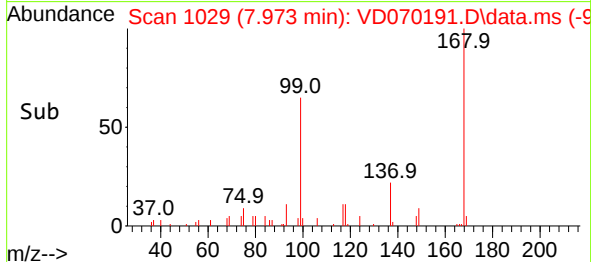
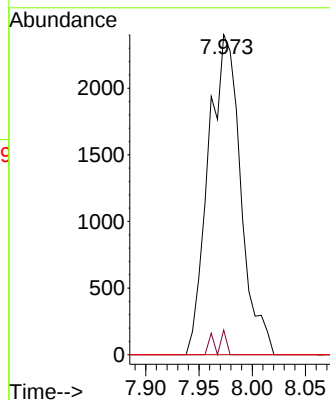
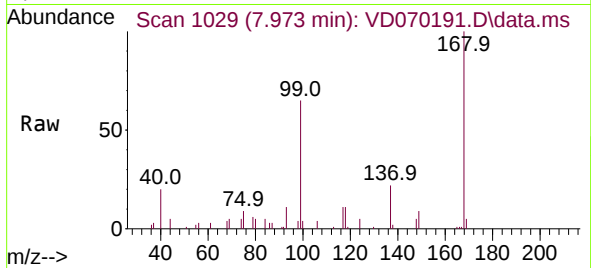




#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

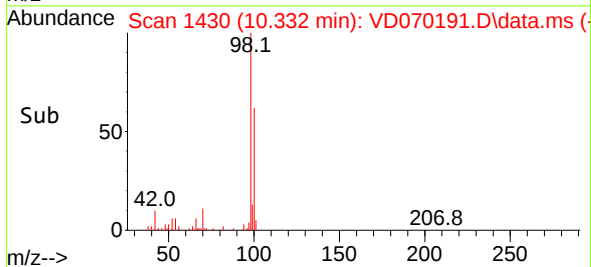
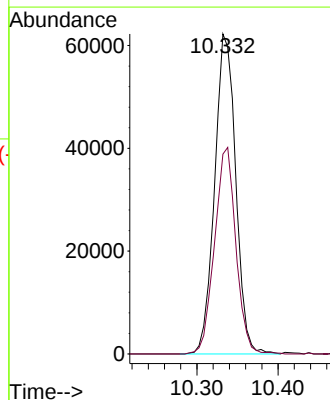
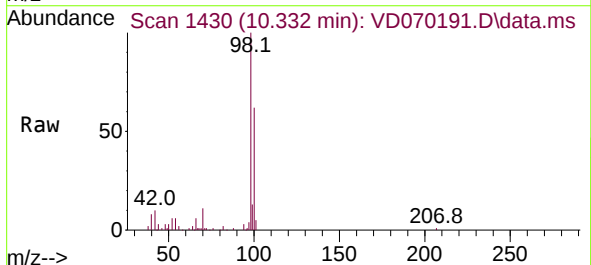
Instrument :
MSVOA_D
ClientSampled :
TP5

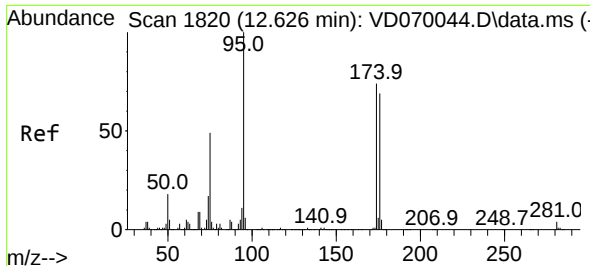
Tgt Ion:117 Resp: 5068
Ion Ratio Lower Upper
117 100
119 7.7 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 98 Resp: 112411
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

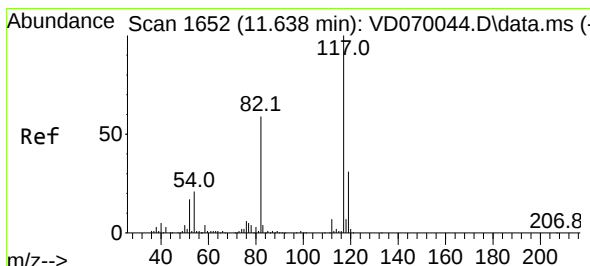
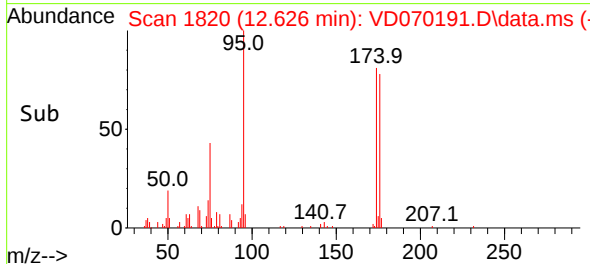
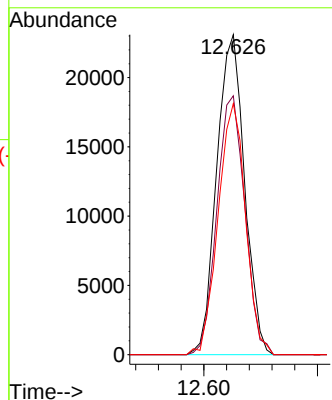
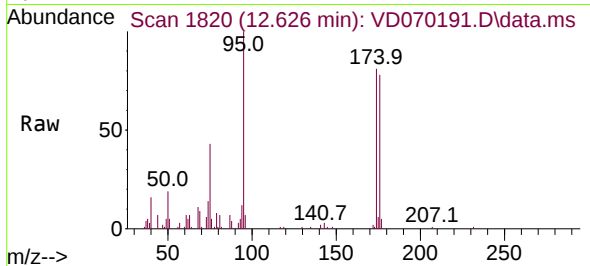




#62
4-Bromofluorobenzene
Concen: 53.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

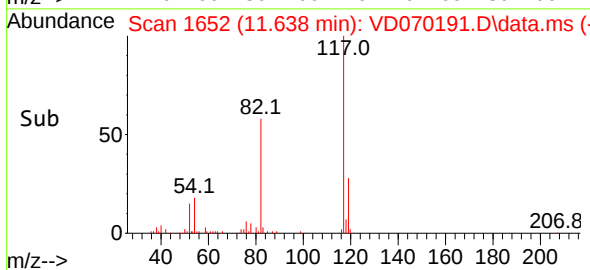
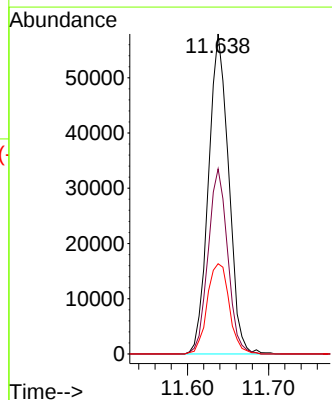
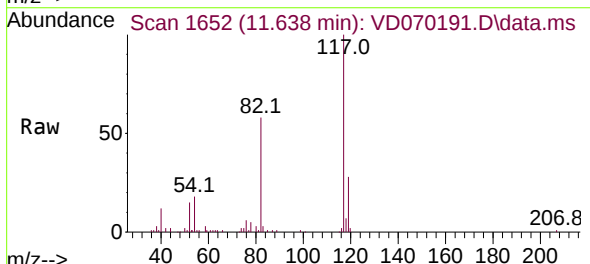
Instrument :
MSVOA_D
ClientSampled :
TP5

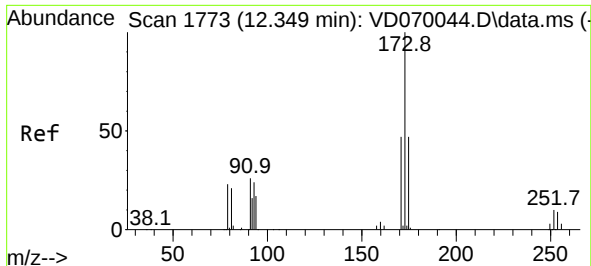
Tgt Ion:	95	Resp:	39308
Ion Ratio	Lower	Upper	
95	100		
174	81.1	0.0	141.6
176	77.2	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion:	117	Resp:	100117
Ion Ratio	Lower	Upper	
117	100		
82	57.9	47.5	71.3
119	28.2	25.1	37.7

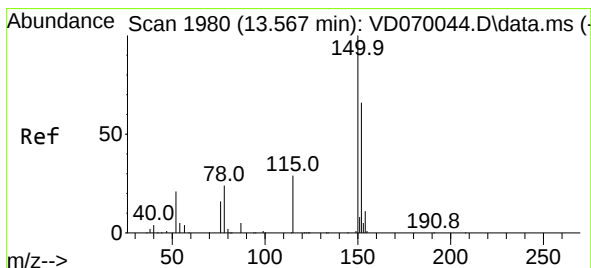
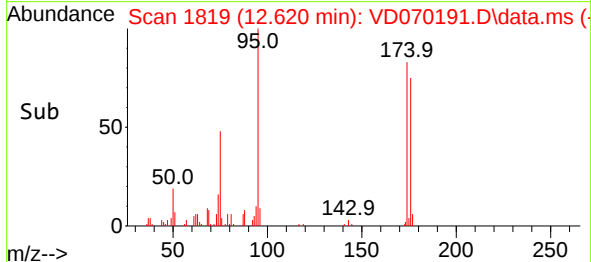
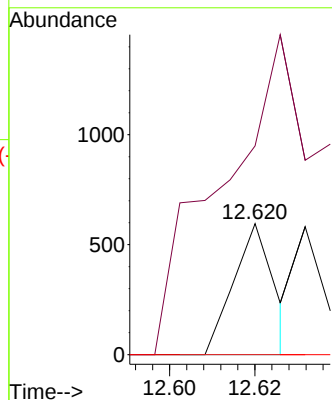
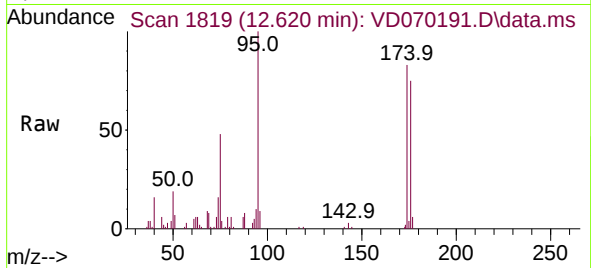




#71
Bromoform
Concen: 1.091 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

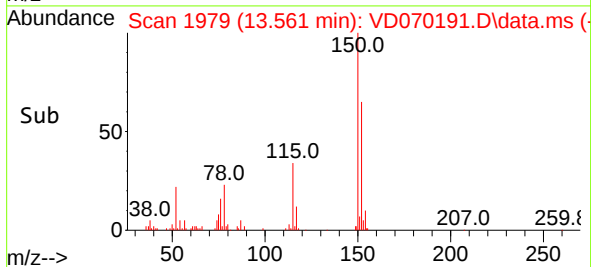
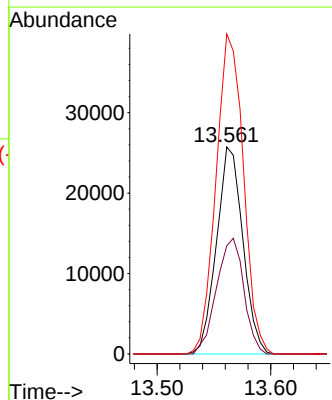
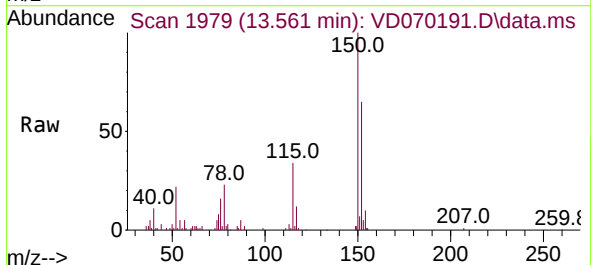
Instrument :
MSVOA_D
ClientSampled :
TP5

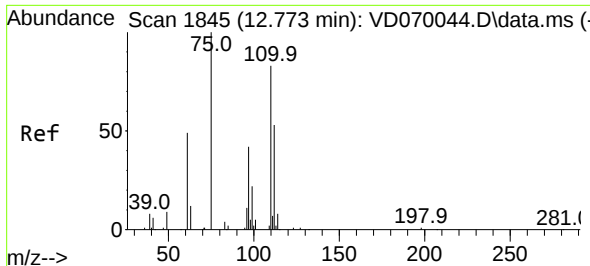
Tgt Ion:173 Resp: 395
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion:152 Resp: 41450
Ion Ratio Lower Upper
152 100
115 58.0 31.2 93.6
150 160.9 0.0 352.0

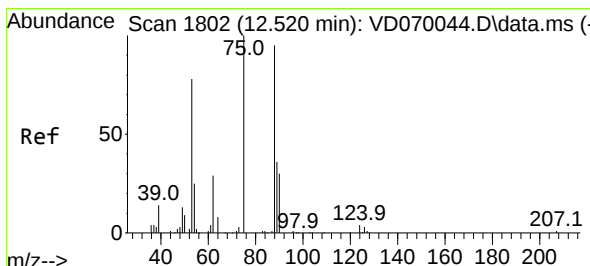
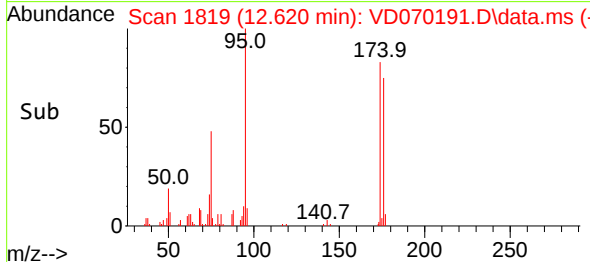
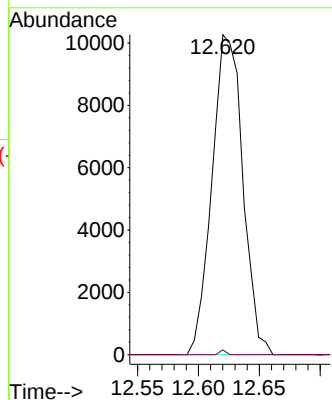
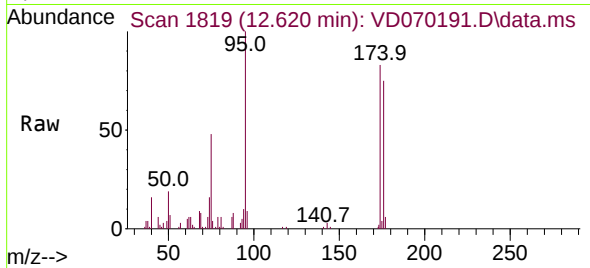




#76
1,2,3-Trichloropropane
Concen: 43.018 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Instrument :
MSVOA_D
ClientSampleId :
TP5

Tgt Ion: 75 Resp: 18083
Ion Ratio Lower Upper
75 100
77 0.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.659 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070191.D
Acq: 20 Aug 2021 04:14

Tgt Ion: 75 Resp: 18083
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#

