

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070696.D
 Acq On : 13 Oct 2021 14:28
 Operator : VA/SY
 Sample : M4191-01
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 04:03:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

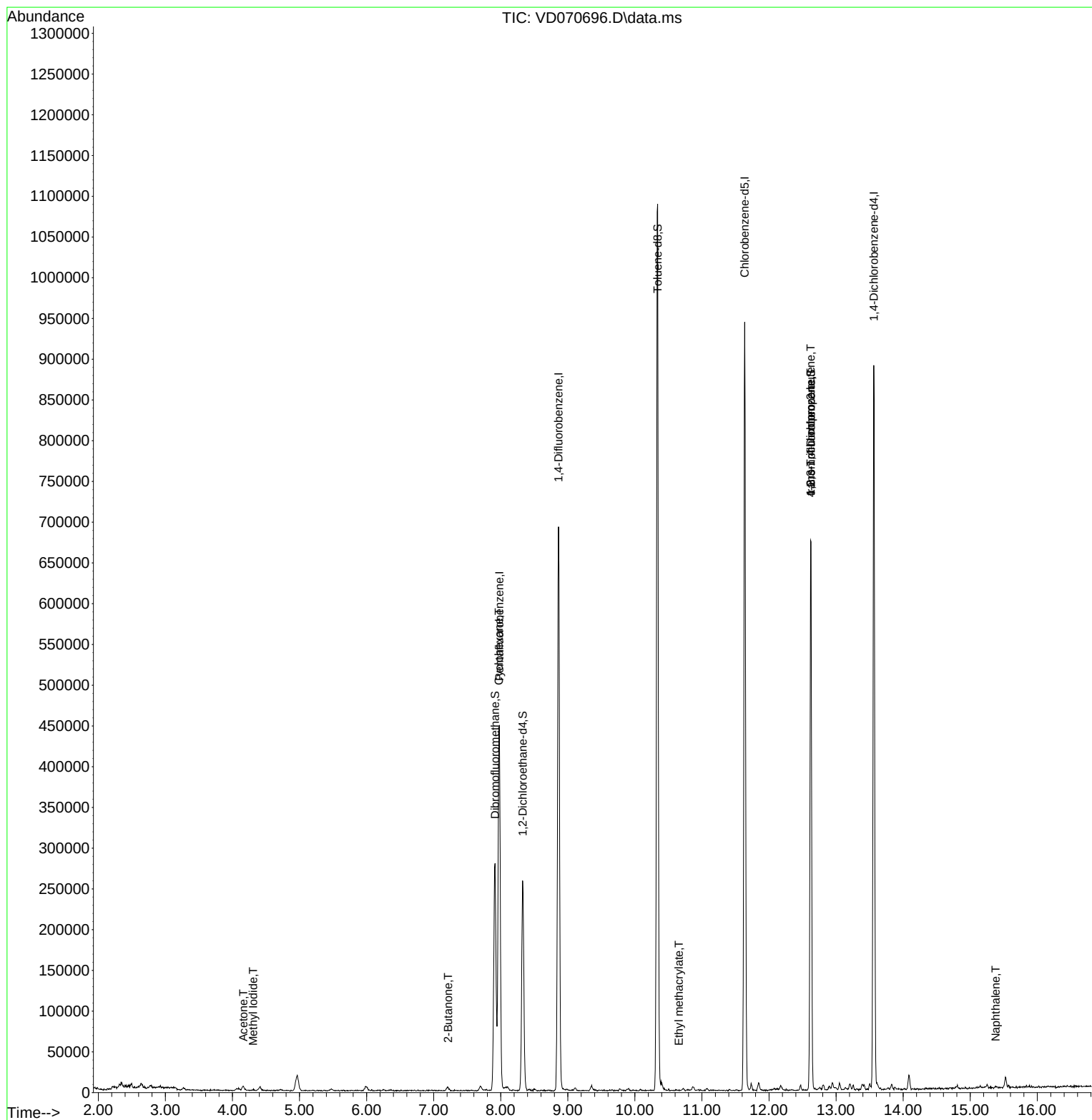
Internal Standards						
1) Pentafluorobenzene	7.979	168	324030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203543	53.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.760%			
35) Dibromofluoromethane	7.914	113	205056	49.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.200%			
50) Toluene-d8	10.338	98	779150	49.303	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.626	95	243409	46.084	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.160%			
Target Compounds						
5) Bromomethane	2.773	94	2450	Below Cal		91
10) Methyl Iodide	4.309	142	1471	1.065 ug/l #		80
16) Acetone	4.162	43	8591	13.267 ug/l		96
20) Methylene Chloride	4.968	84	15635	Below Cal		94
25) 2-Butanone	7.214	43	1741	2.053 ug/l		95
31) Cyclohexane	7.973	56	9180	1.300 ug/l #		6
56) Ethyl methacrylate	10.655	69	414	1.471 ug/l #		74
59) 2-Hexanone	10.985	43	383	Below Cal		67
76) 1,2,3-Trichloropropane	12.620	75	116166	53.646 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	116166	119.103 ug/l #		17
95) Naphthalene	15.379	128	2512	2.804 ug/l #		75

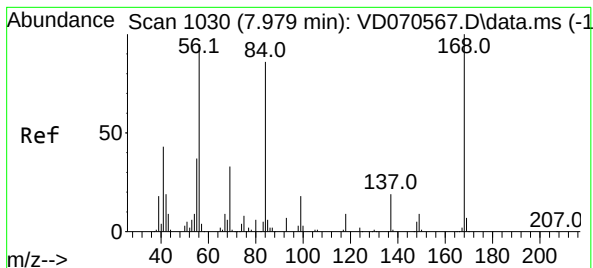
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.11G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
ClientSampleId :

Quant Time: Oct 14 04:03:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

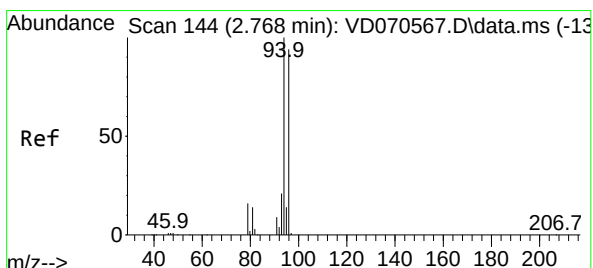
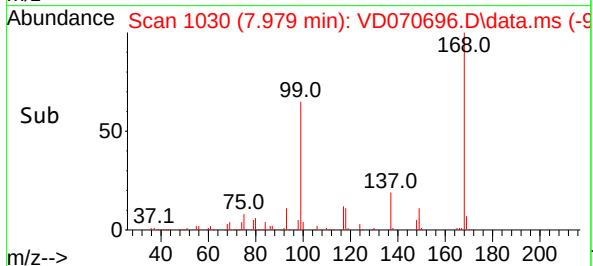
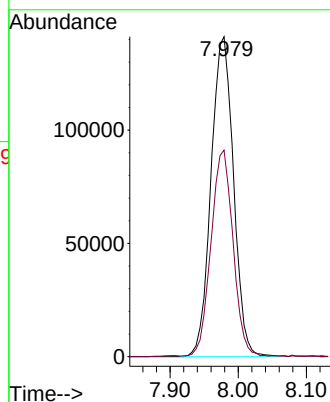
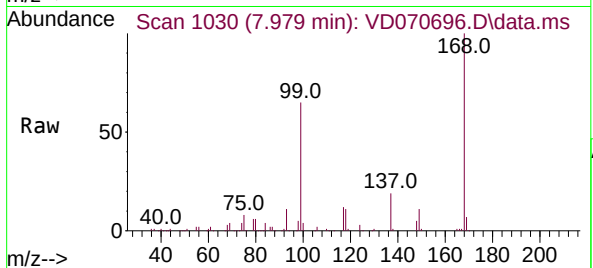




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

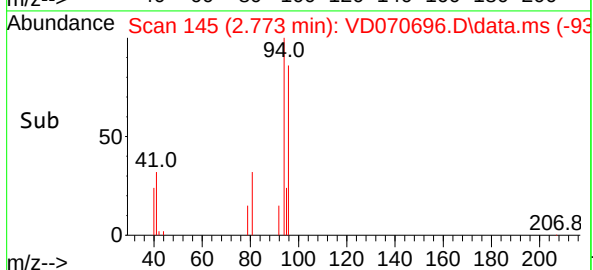
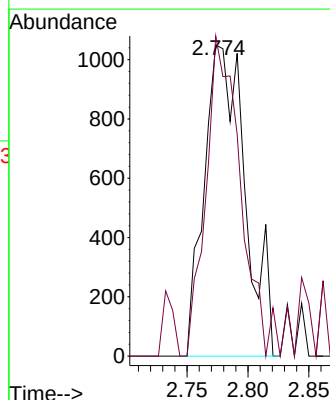
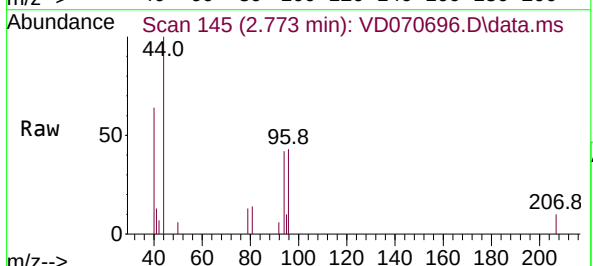
Instrument :
MSVOA_D
ClientSampled :

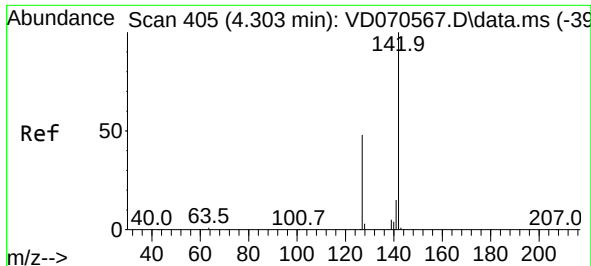
Tgt Ion:168 Resp: 324030
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

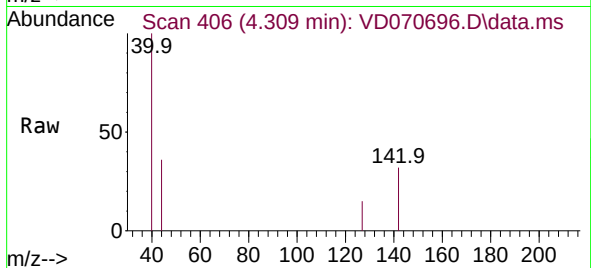
Tgt Ion: 94 Resp: 2450
Ion Ratio Lower Upper
94 100
96 102.9 75.5 113.3



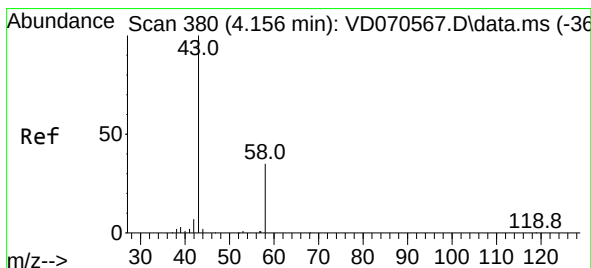
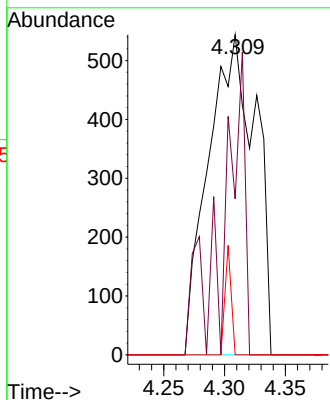
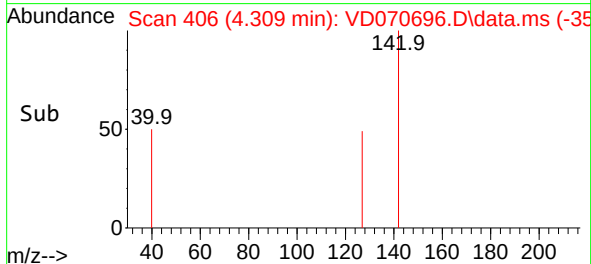


#10
Methyl Iodide
Concen: 1.065 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

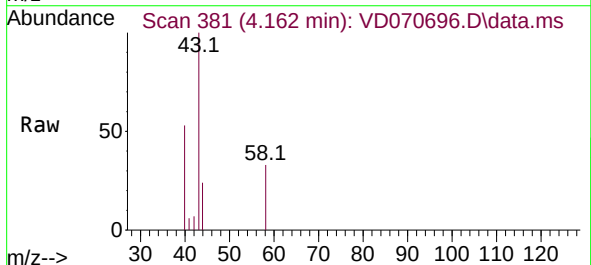
Instrument :
MSVOA_D
ClientSampled :



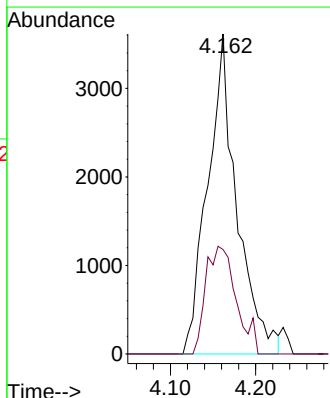
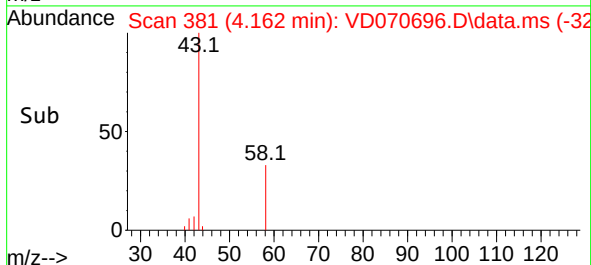
Tgt Ion:142 Resp: 1471
Ion Ratio Lower Upper
142 100
127 34.9 37.5 56.3#
141 4.5 12.1 18.1#

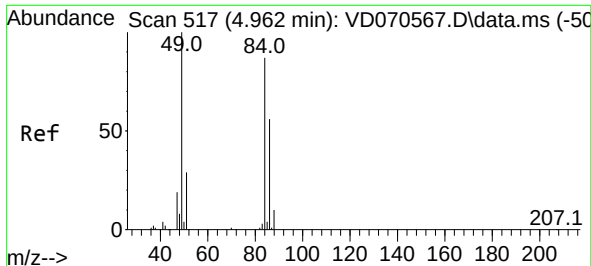


#16
Acetone
Concen: 13.267 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28



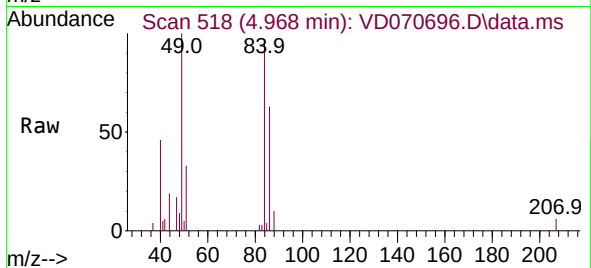
Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2



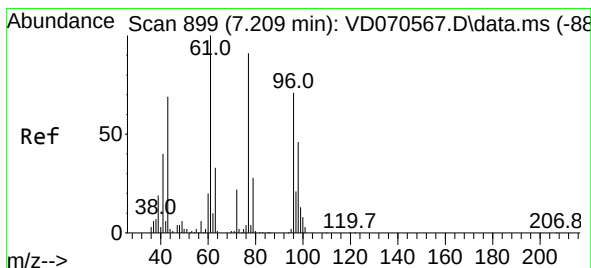
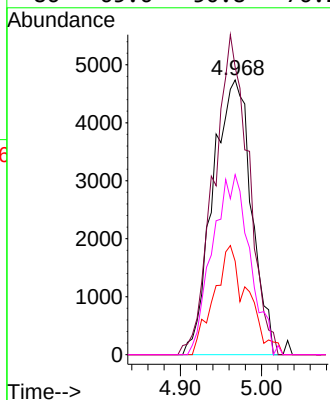
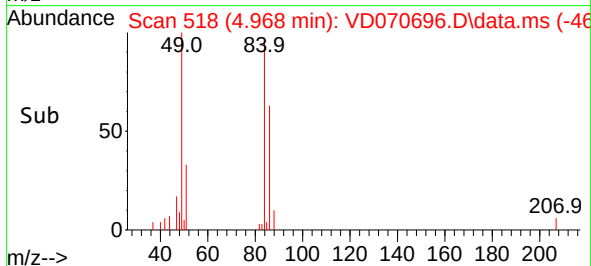


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

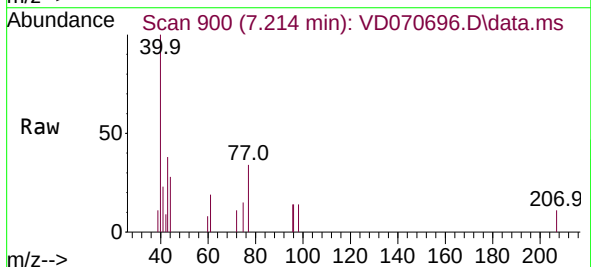
Instrument :
MSVOA_D
ClientSampleId :



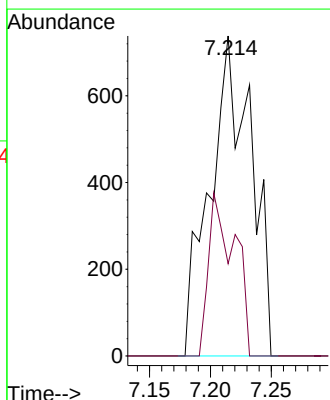
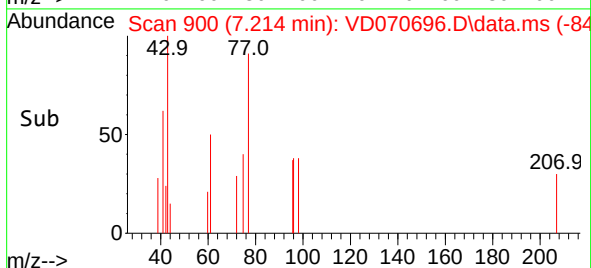
Tgt Ion:	84	Resp:	15635
Ion	Ratio	Lower	Upper
84	100		
49	104.6	91.4	137.2
51	34.0	26.7	40.1
86	65.6	50.8	76.2

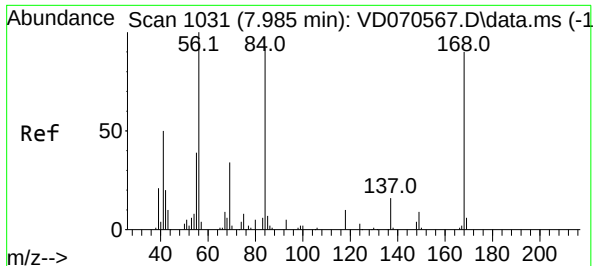


#25
2-Butanone
Concen: 2.053 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28



Tgt Ion:	43	Resp:	1741
Ion	Ratio	Lower	Upper
43	100		
72	28.9	25.2	37.8

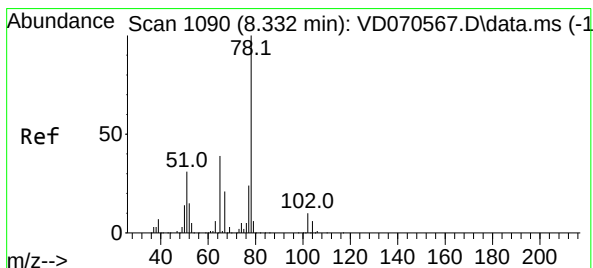
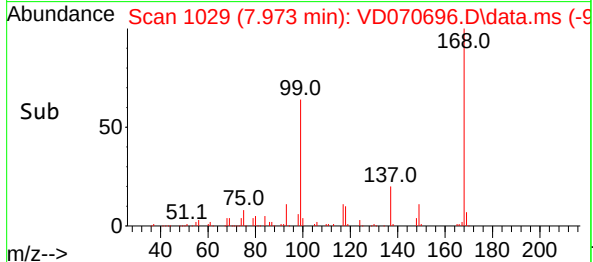
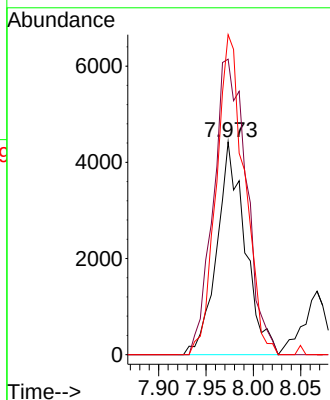
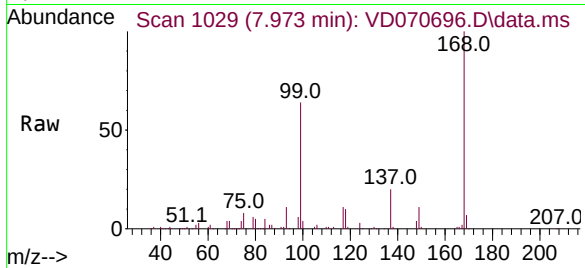




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

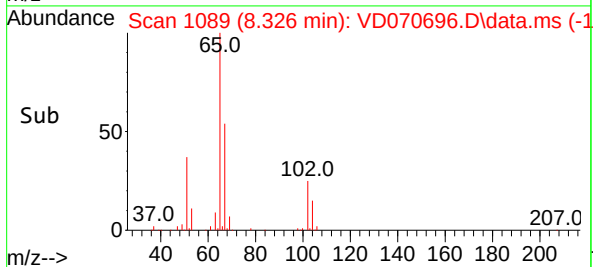
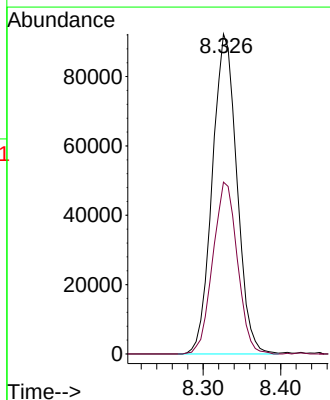
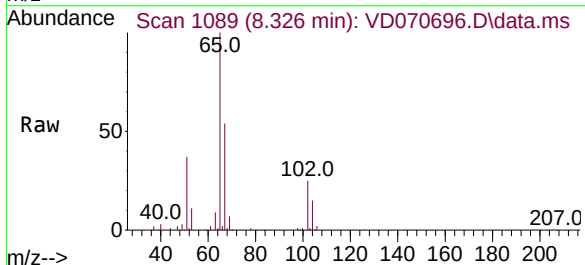
Instrument :
MSVOA_D
ClientSampleId :

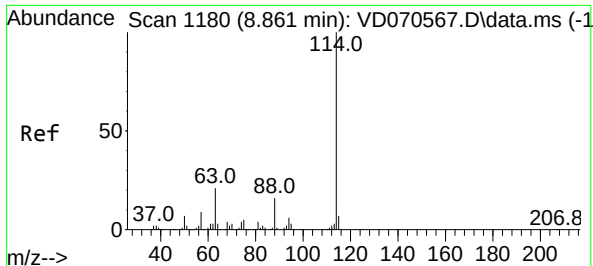
Tgt Ion: 56 Resp: 9180
Ion Ratio Lower Upper
56 100
69 138.8 27.4 41.2#
84 150.3 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 53.376 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 65 Resp: 203543
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070696.D

Acq: 13 Oct 2021 14:28

Instrument :

MSVOA_D

ClientSampleId :

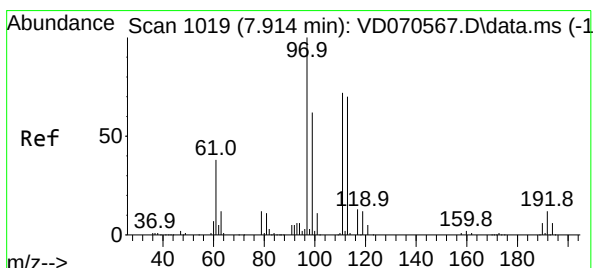
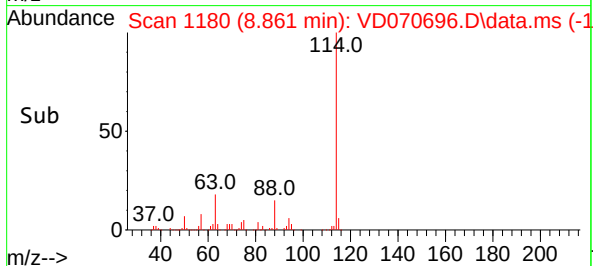
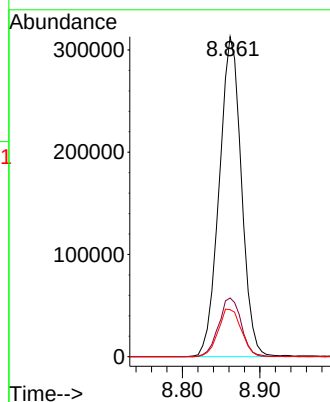
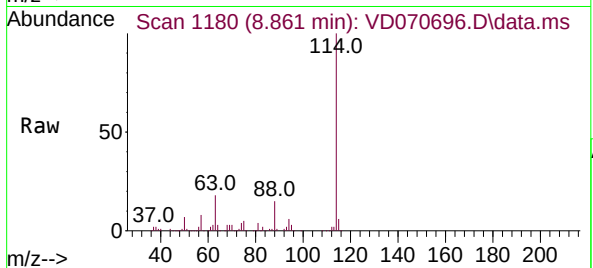
Tgt Ion:114 Resp: 621774

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.8

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.603 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070696.D

Acq: 13 Oct 2021 14:28

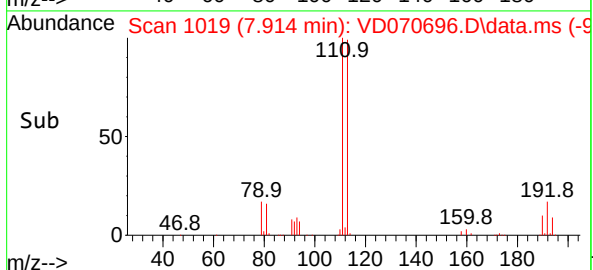
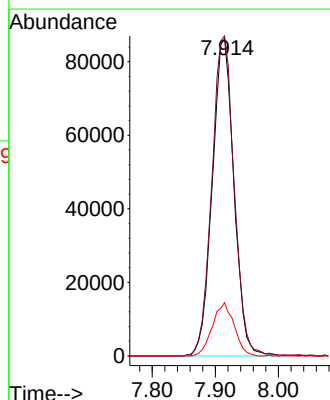
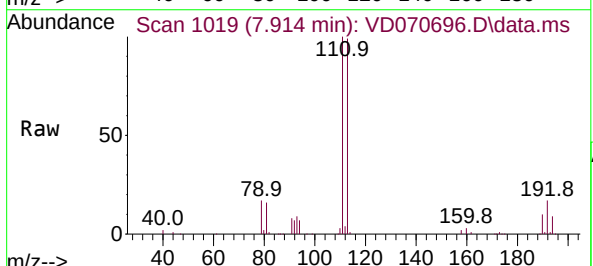
Tgt Ion:113 Resp: 205056

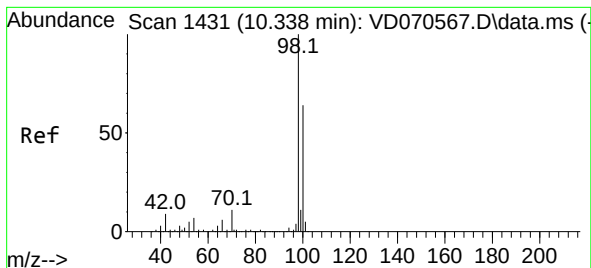
Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

192 16.8 12.7 19.1

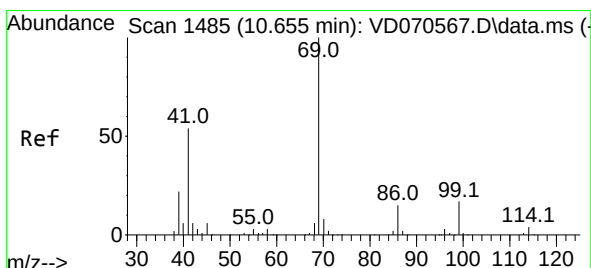
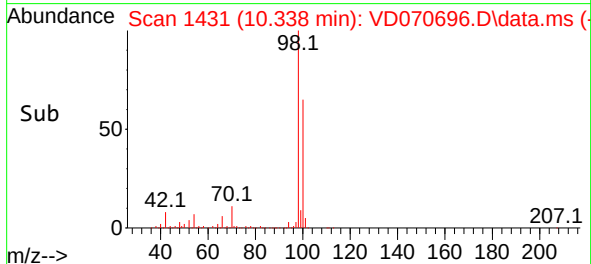
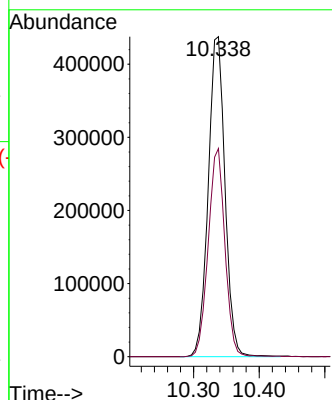
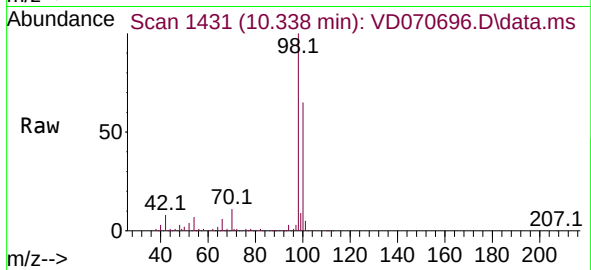




#50
Toluene-d8
Concen: 49.303 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

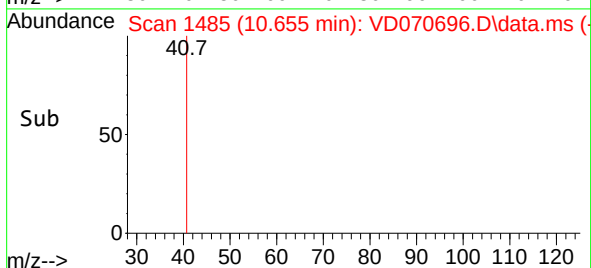
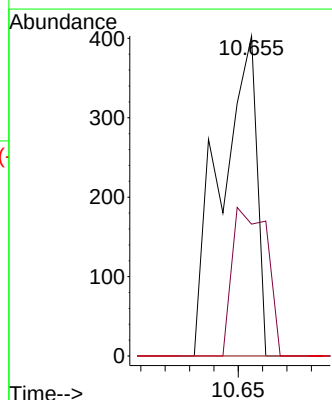
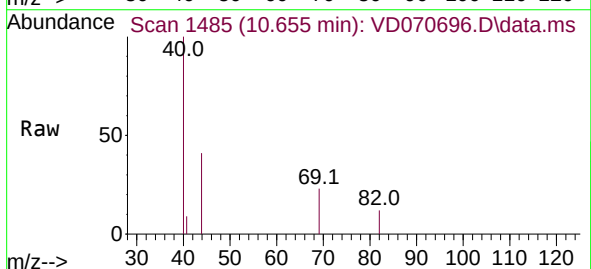
Instrument :
MSVOA_D
ClientSampleId :

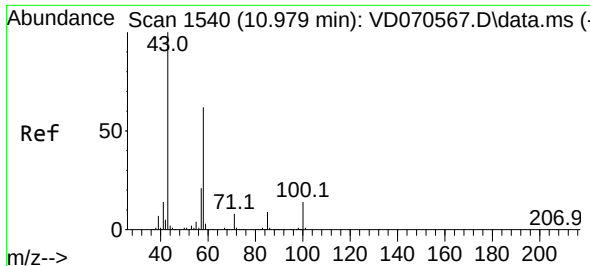
Tgt Ion: 98 Resp: 779150
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.471 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 69 Resp: 414
Ion Ratio Lower Upper
69 100
41 44.7 44.7 67.1#
39 0.0 19.5 29.3#

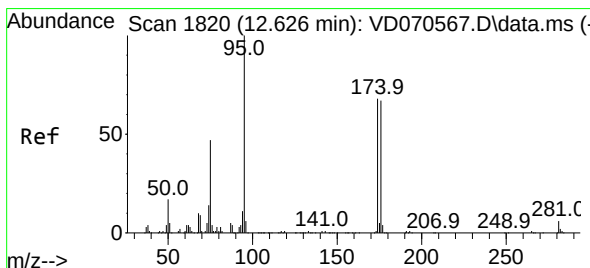
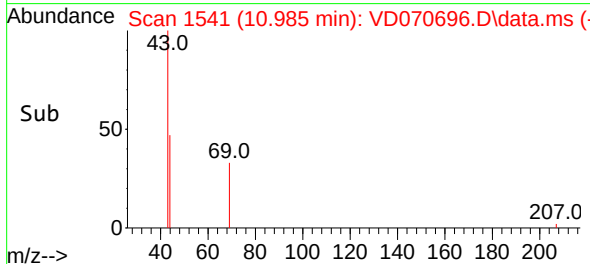
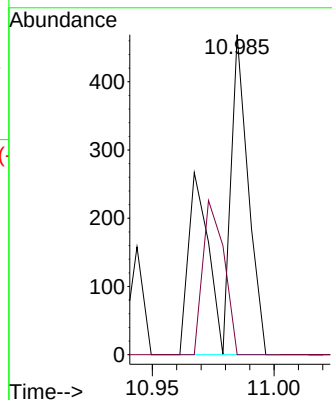
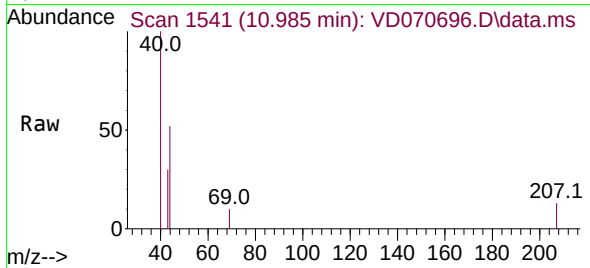




#59
2-Hexanone
Concen: Below Cal
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

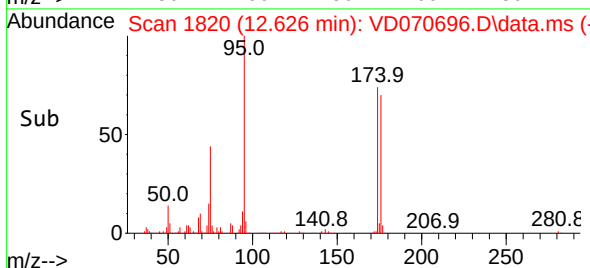
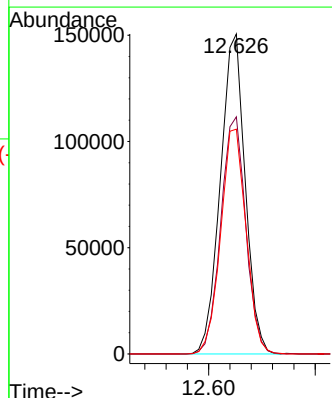
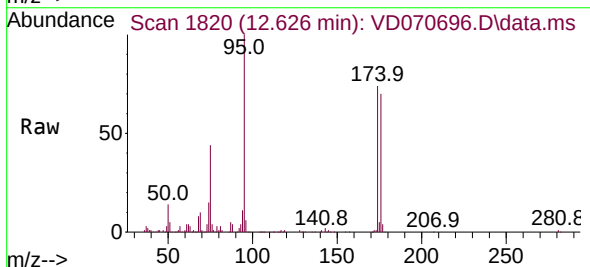
Instrument :
MSVOA_D
ClientSampled :

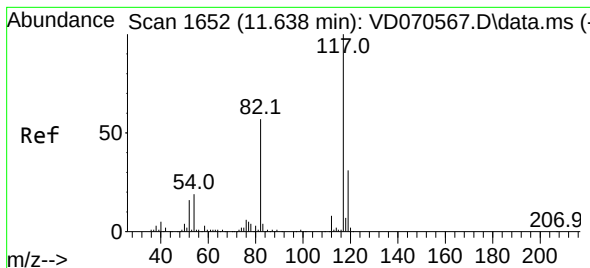
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 35.5 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 46.084 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 95 Resp: 243409
Ion Ratio Lower Upper
95 100
174 74.5 0.0 138.0
176 71.8 0.0 135.6

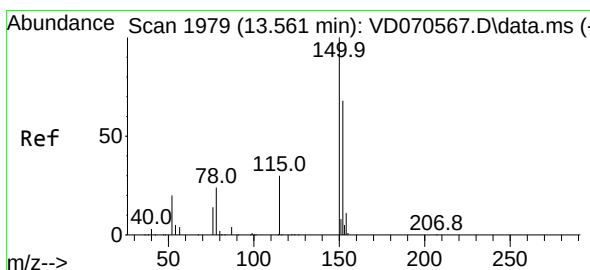
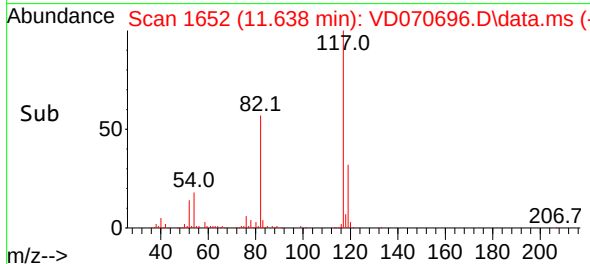
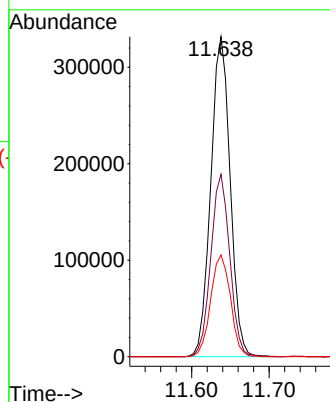
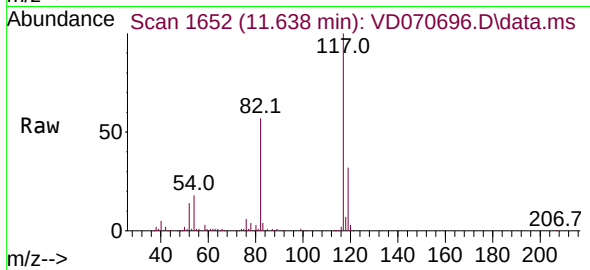




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

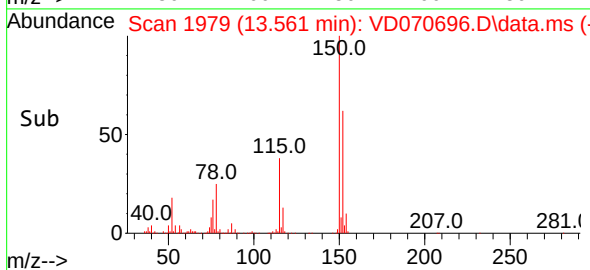
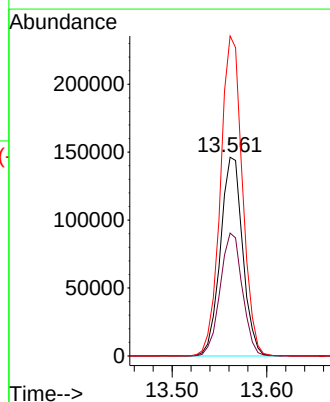
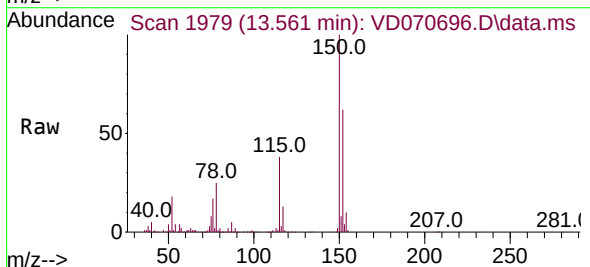
Instrument :
MSVOA_D
ClientSampleId :

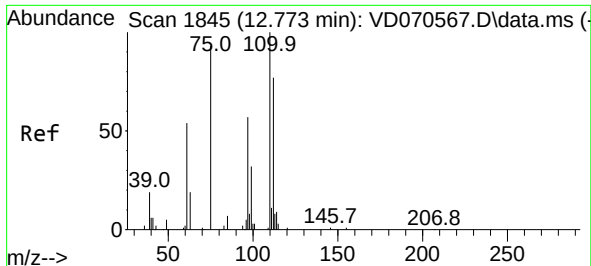
Tgt Ion:117 Resp: 575762
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 31.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion:152 Resp: 239245
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.7
150 158.3 0.0 350.0

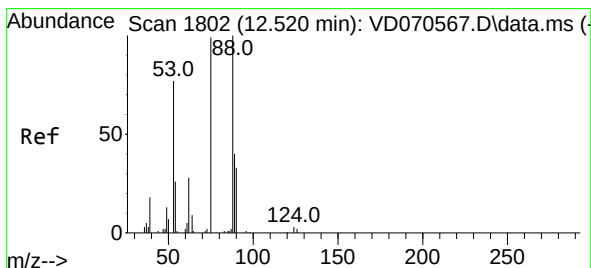
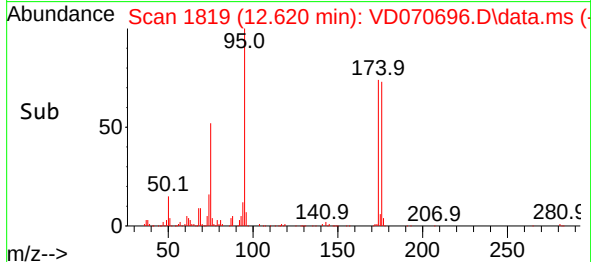
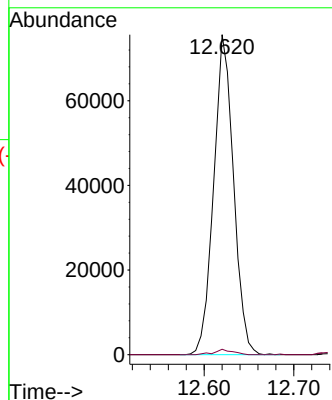
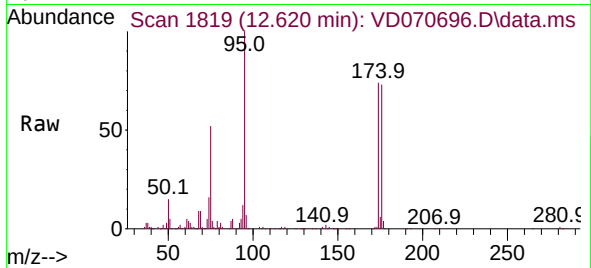




#76
1,2,3-Trichloropropane
Concen: 53.646 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

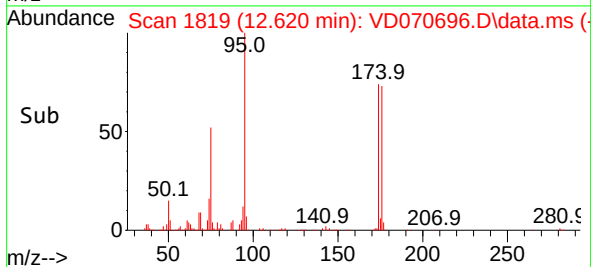
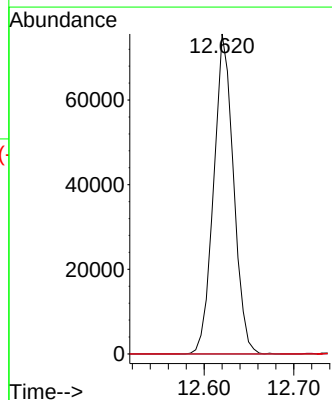
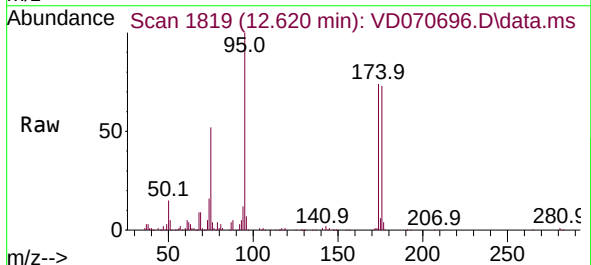
Instrument :
MSVOA_D
ClientSampled :

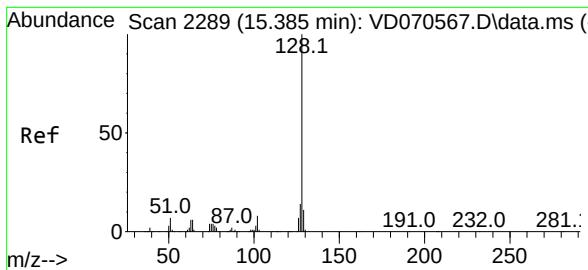
Tgt Ion: 75 Resp: 116166
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.103 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Tgt Ion: 75 Resp: 116166
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.804 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070696.D
Acq: 13 Oct 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2512
Ion Ratio Lower Upper
128 100
127 2.3 10.9 16.3#
129 3.1 8.6 12.8#

