

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070575.D
 Acq On : 05 Oct 2021 16:45
 Operator : VA/SY
 Sample : M4067-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-100421

Quant Time: Oct 06 09:21:36 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)

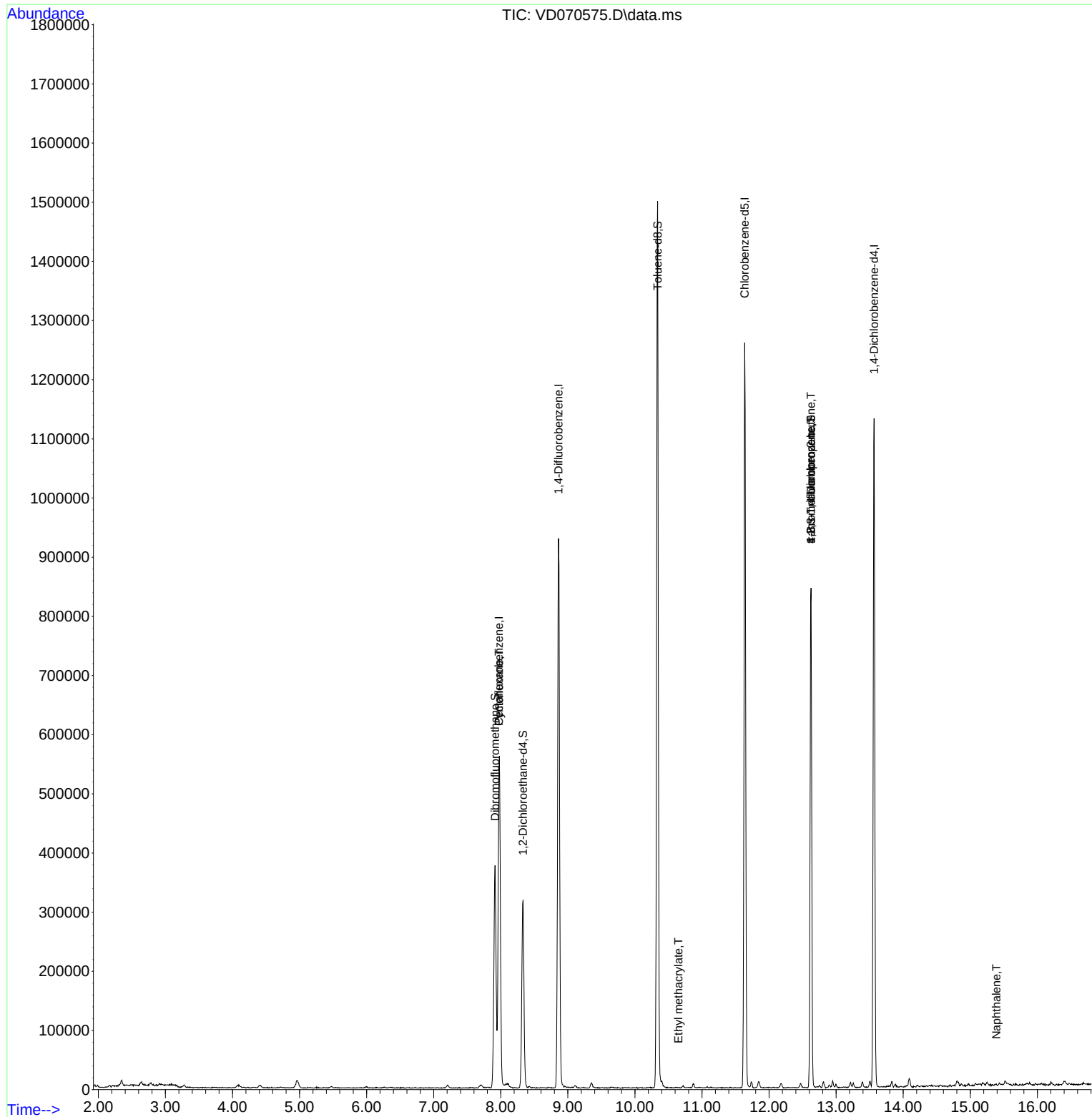
Internal Standards						
1) Pentafluorobenzene	7.973	168	398368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	819131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	748319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	251950	53.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.480%	
35) Dibromofluoromethane	7.914	113	270288	49.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.260%	
50) Toluene-d8	10.338	98	1046860	50.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.626	95	314367	45.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	2370	Below Cal	#	80
20) Methylene Chloride	4.961	84	10425	Below Cal		94
31) Cyclohexane	7.973	56	11702	1.348	ug/l #	16
56) Ethyl methacrylate	10.649	69	77	1.387	ug/l #	69
59) 2-Hexanone	10.991	43	492	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.626	75	147572	54.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	147572	120.177	ug/l #	17
95) Naphthalene	15.390	128	1719	2.661	ug/l #	79

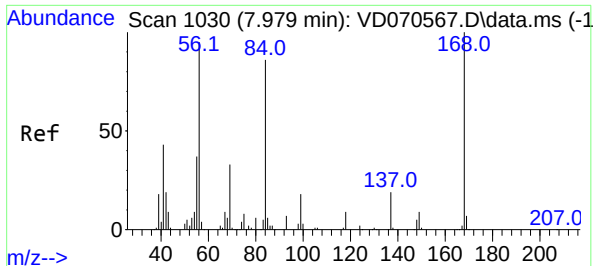
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 09:21:36 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

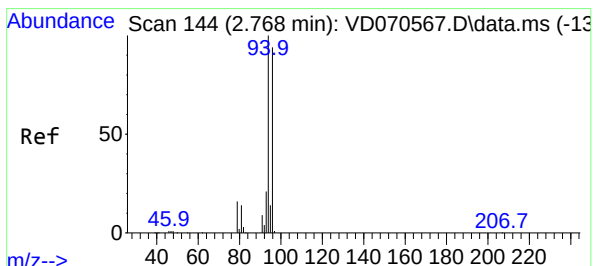
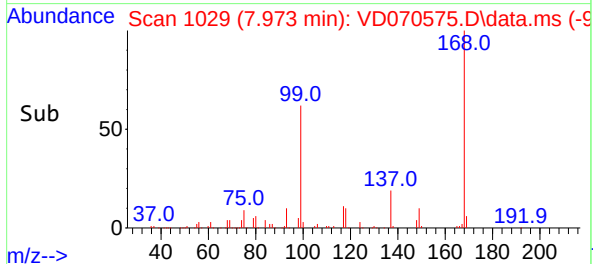
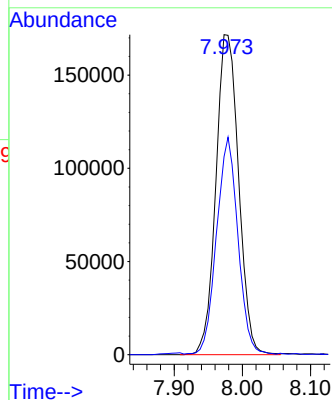
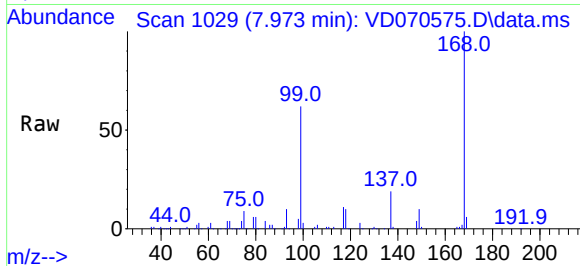




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

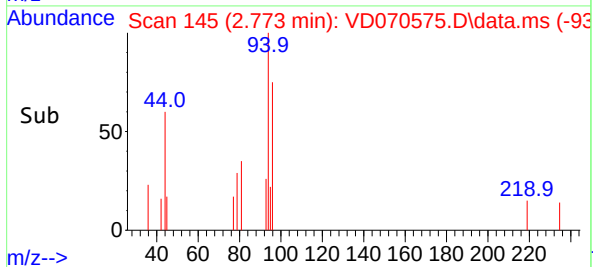
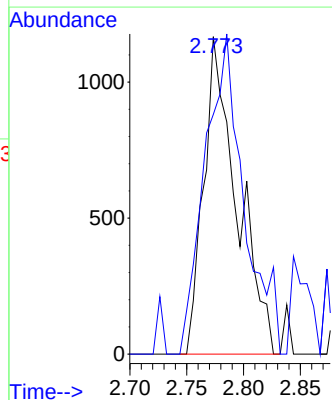
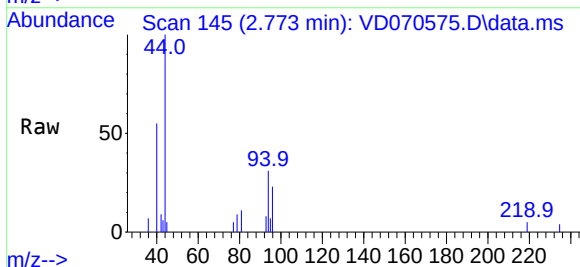
Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421

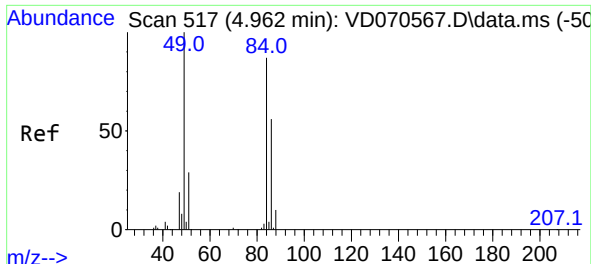
Tgt Ion:168 Resp: 398368
Ion Ratio Lower Upper
168 100
99 61.4 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

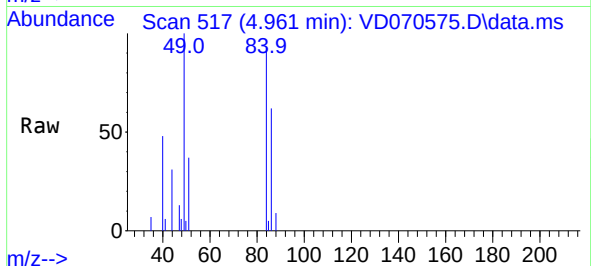
Tgt Ion: 94 Resp: 2370
Ion Ratio Lower Upper
94 100
96 75.5 75.5 113.3#





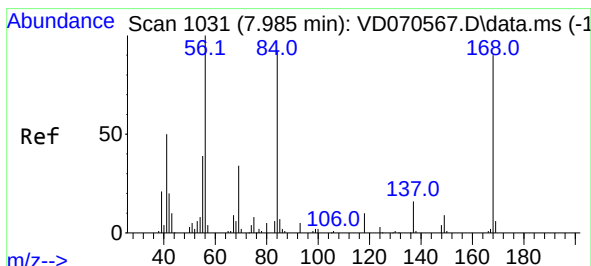
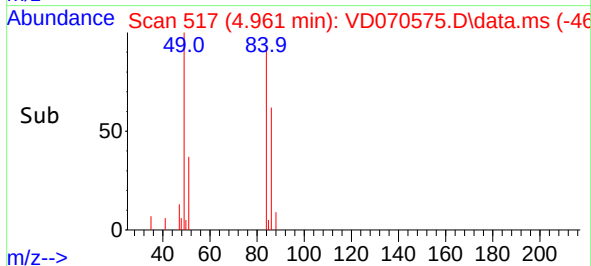
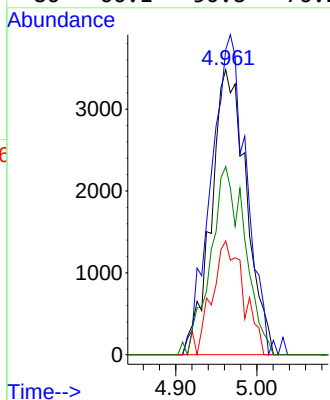
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 51
Delta R.T. -0.001 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421



Tgt Ion: 84 Resp: 10425

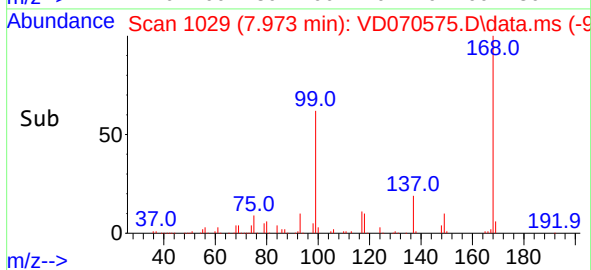
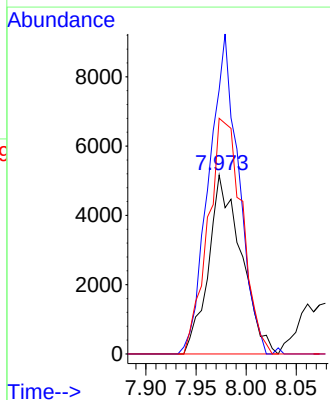
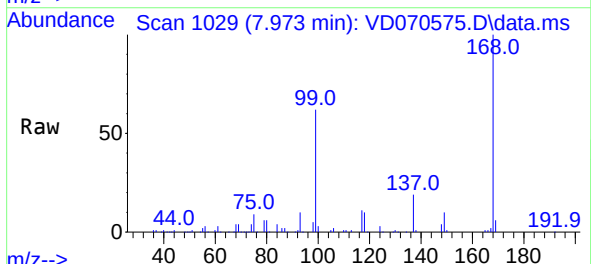
Ion	Ratio	Lower	Upper
84	100		
49	107.1	91.4	137.2
51	40.0	26.7	40.1
86	66.1	50.8	76.2

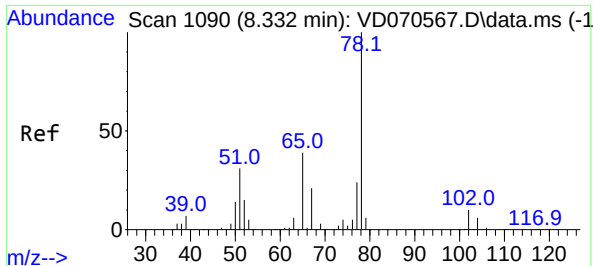


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 56 Resp: 11702

Ion	Ratio	Lower	Upper
56	100		
69	147.6	27.4	41.2#
84	131.7	73.6	110.4#





#33

1,2-Dichloroethane-d4

Concen: 53.741 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD070575.D

Acq: 05 Oct 2021 16:45

Instrument :

MSVOA_D

ClientSampleId :

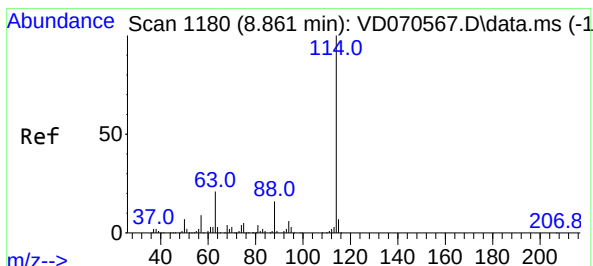
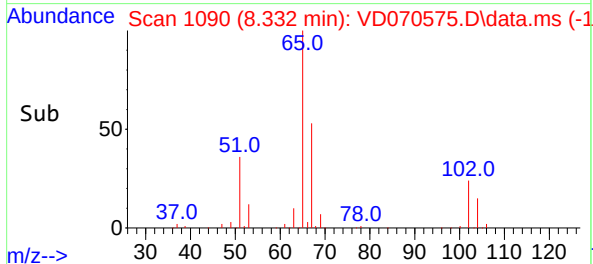
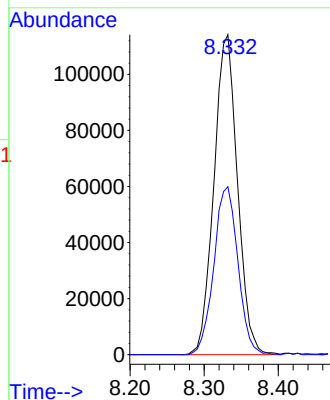
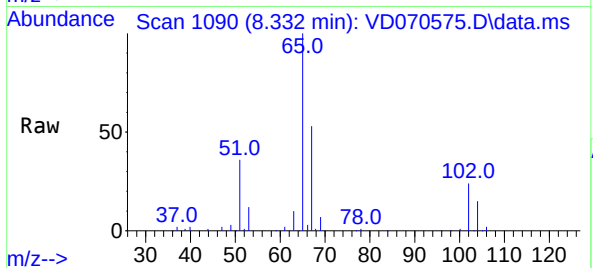
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Tgt Ion: 65 Resp: 251950

Ion Ratio Lower Upper

65 100

67 53.6 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: VD070575.D

Acq: 05 Oct 2021 16:45

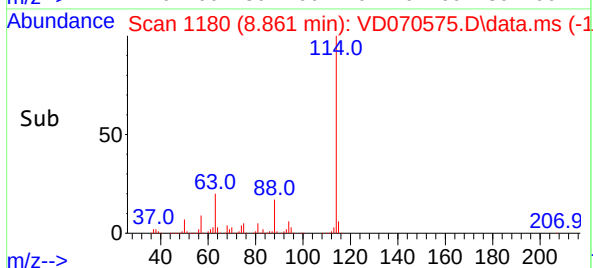
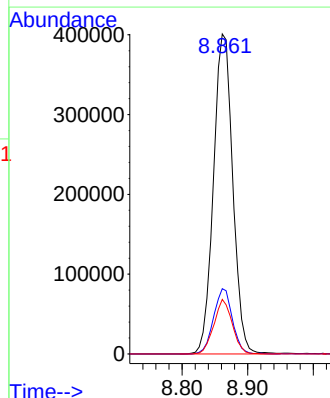
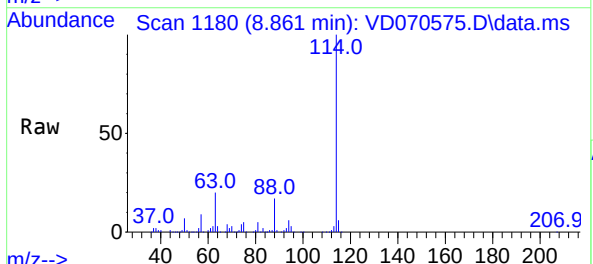
Tgt Ion: 114 Resp: 819131

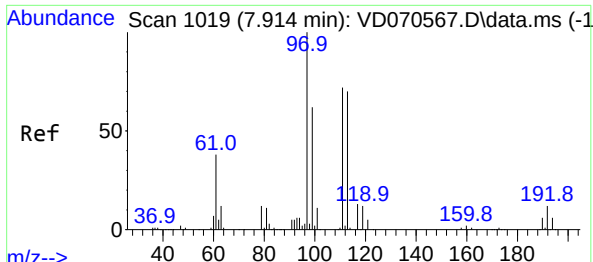
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

88 17.1 0.0 32.6

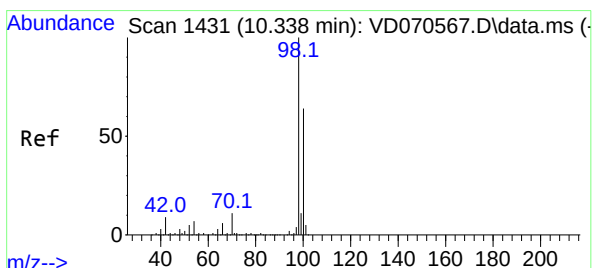
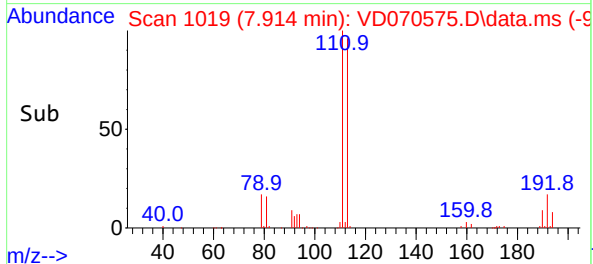
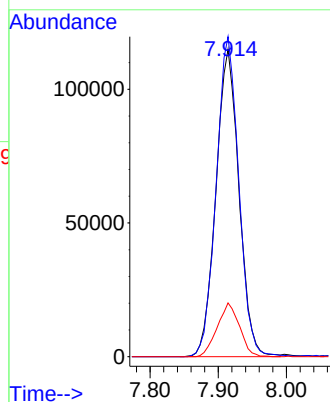
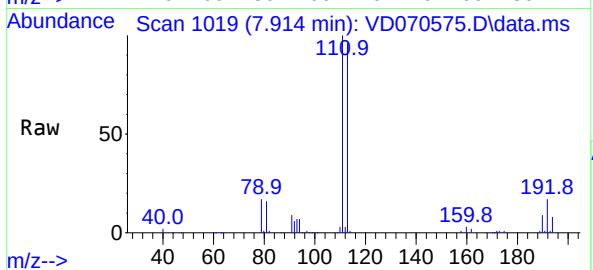




#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

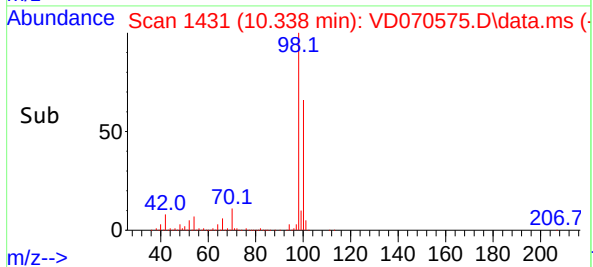
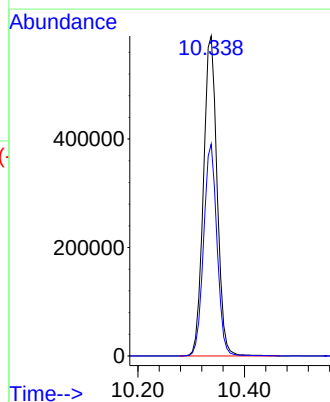
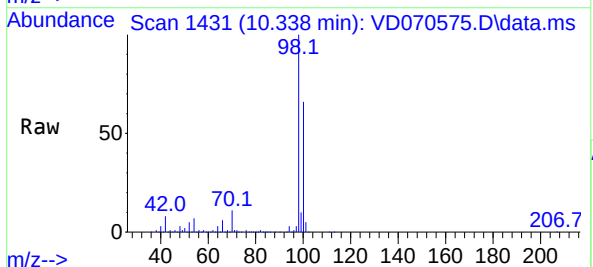
Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421

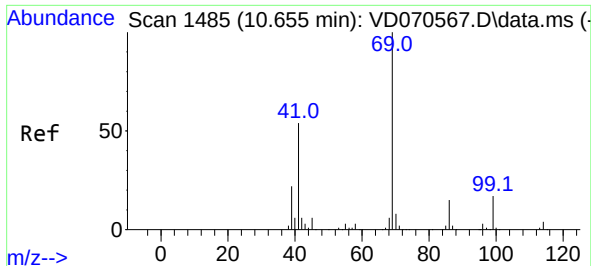
Tgt Ion:113 Resp: 270288
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 98 Resp: 1046860
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

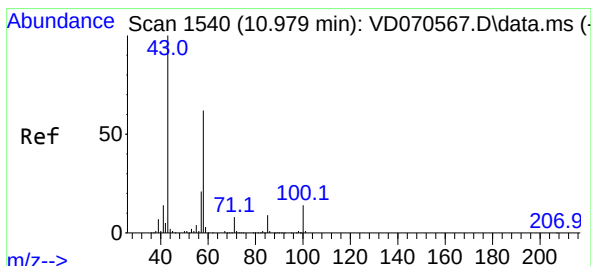
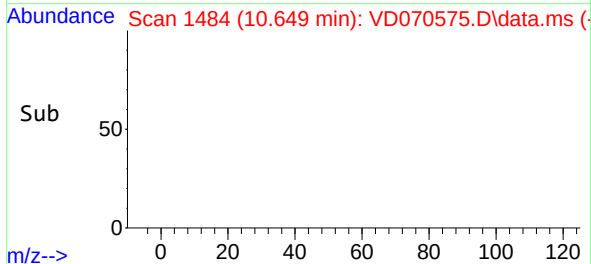
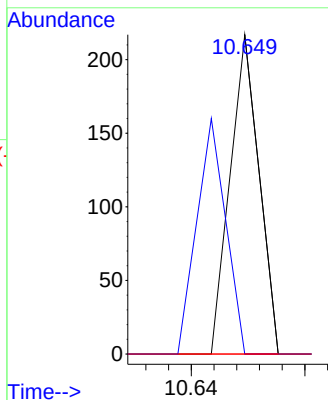
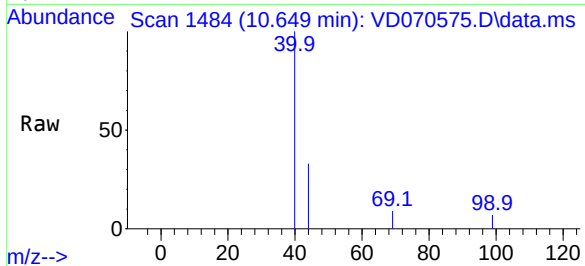




#56
Ethyl methacrylate
Concen: 1.387 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

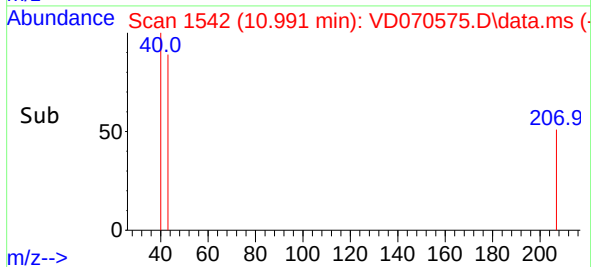
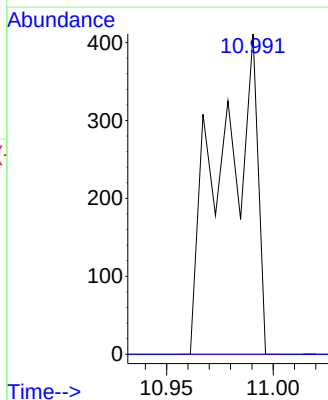
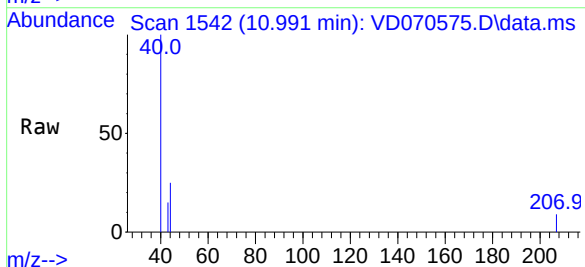
Instrument :
MSVOA_D
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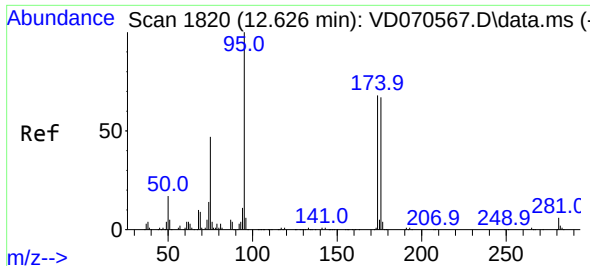
Tgt Ion: 69 Resp: 77
Ion Ratio Lower Upper
69 100
41 72.7 44.7 67.1#
39 0.0 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

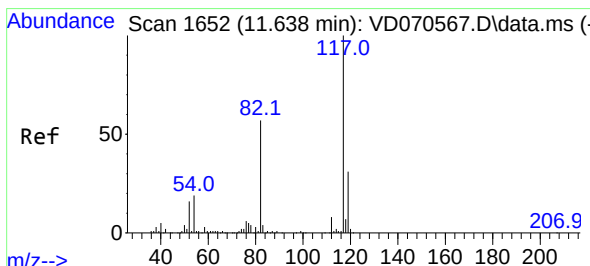
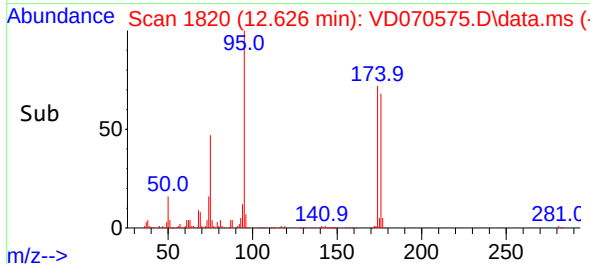
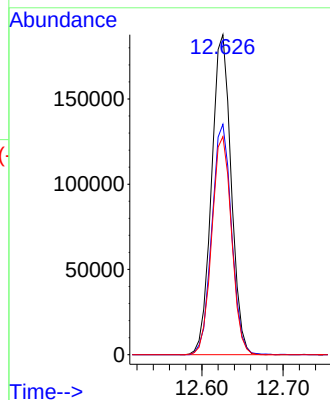
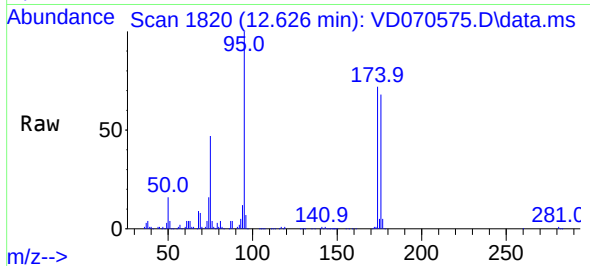




#62
4-Bromofluorobenzene
Concen: 45.178 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

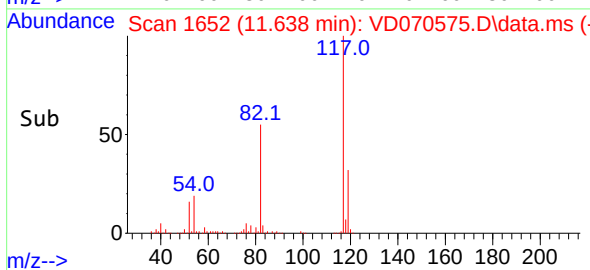
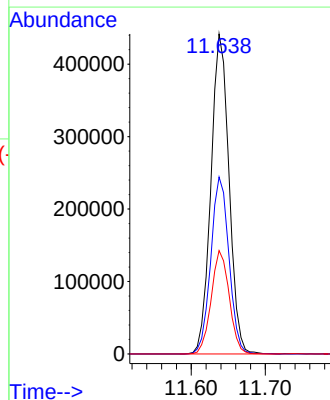
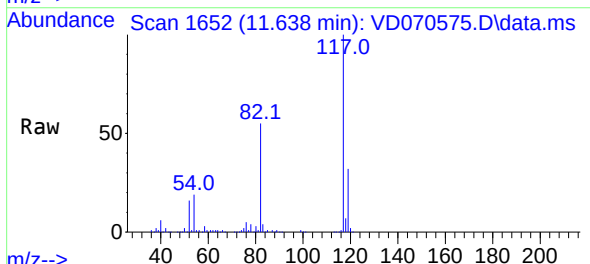
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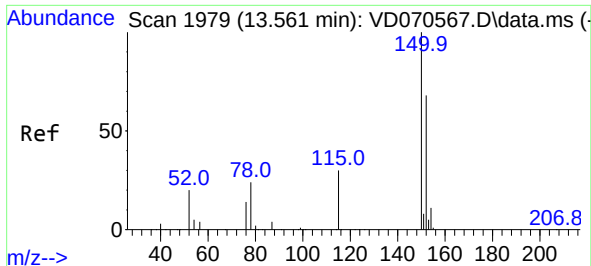
Tgt Ion: 95 Resp: 314367
Ion Ratio Lower Upper
95 100
174 72.4 0.0 138.0
176 68.5 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 117 Resp: 748319
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 32.3 24.7 37.1

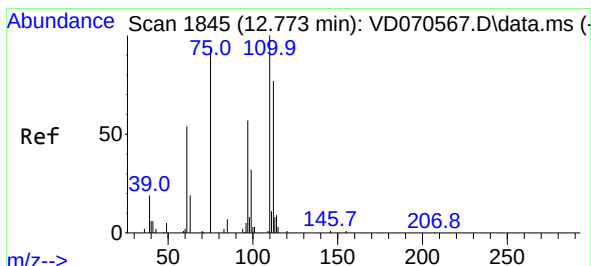
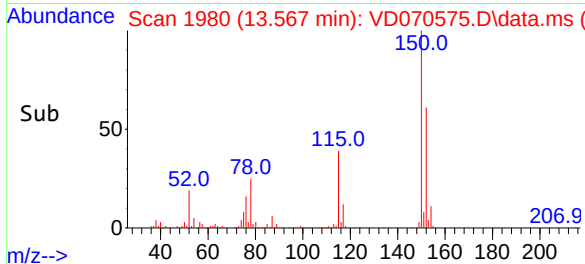
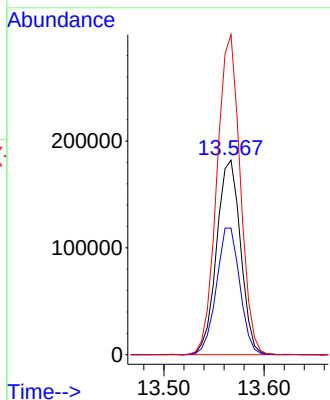
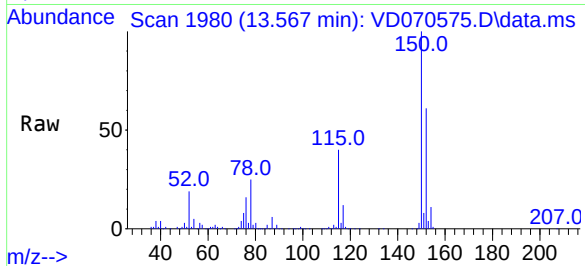




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

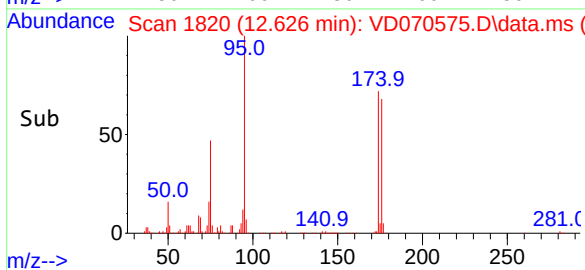
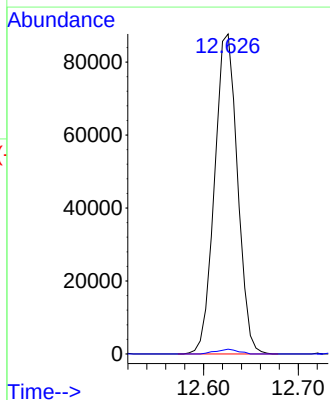
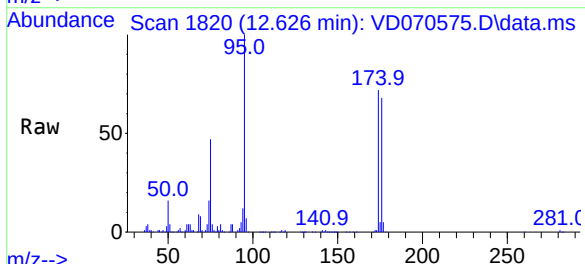
Instrument :
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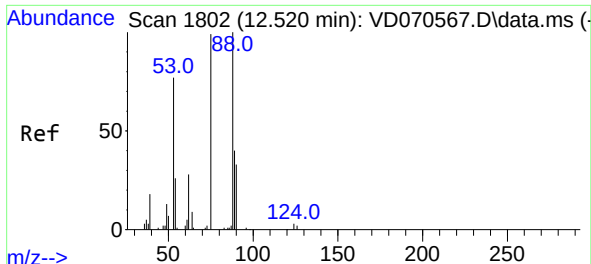
Tgt Ion:152 Resp: 301209
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 160.8 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 54.130 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 75 Resp: 147572
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

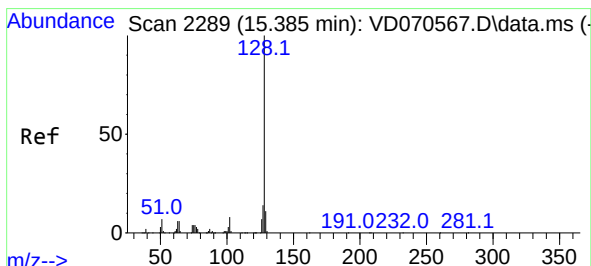
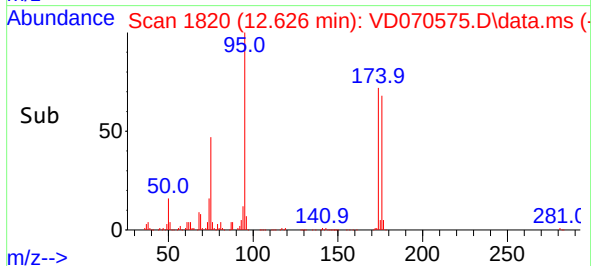
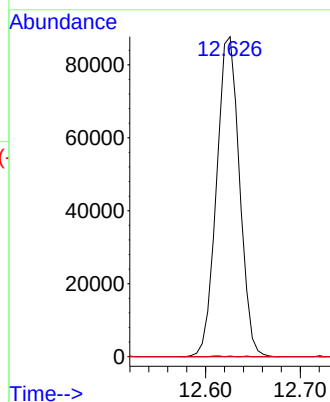
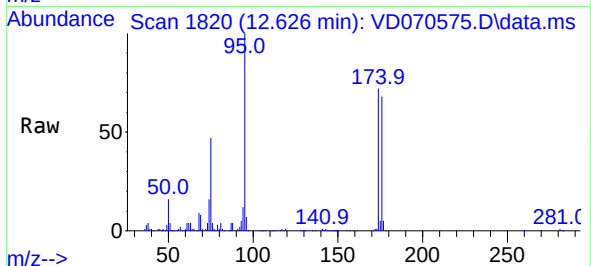




#81
trans-1,4-Dichloro-2-butene
Concen: 120.177 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421

Tgt Ion: 75 Resp: 147572
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.661 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 128 Resp: 1719
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 8.8 8.6 12.8

