

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070672.D
 Acq On : 12 Oct 2021 11:48
 Operator : VA/SY
 Sample : VD1012SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

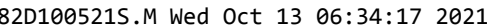
Quant Time: Oct 13 06:34:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

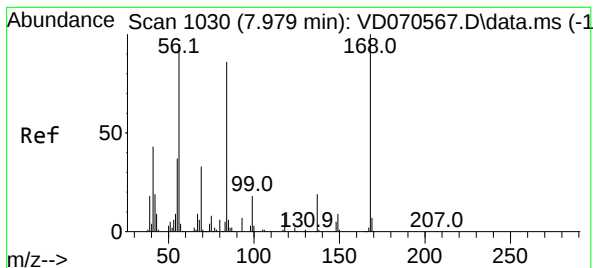
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	373583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	736638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	697347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237463	54.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.914	113	251403	51.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.332	98	934428	49.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.626	95	290720	46.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	3229	Below Cal		95
10) Methyl Iodide	4.297	142	1863	1.097 ug/l	#	85
16) Acetone	4.144	43	1122	1.503 ug/l	#	40
20) Methylene Chloride	4.956	84	11586	Below Cal		94
31) Cyclohexane	7.979	56	10908	1.340 ug/l	#	1
56) Ethyl methacrylate	10.655	69	241	1.421 ug/l	#	71
59) 2-Hexanone	10.973	43	370	Below Cal		91
76) 1,2,3-Trichloropropane	12.626	75	137990	52.633 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	137990	116.854 ug/l	#	17
95) Naphthalene	15.379	128	2559	2.754 ug/l		95

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

Quant Time: Oct 13 06:34:07 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

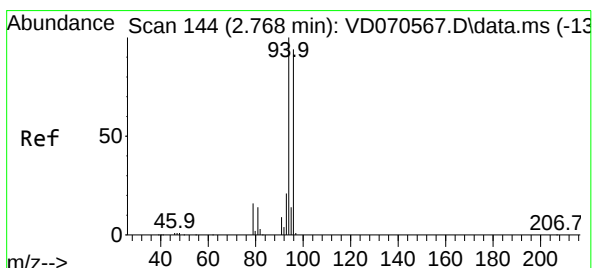
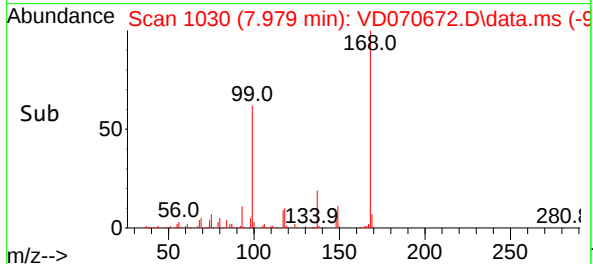
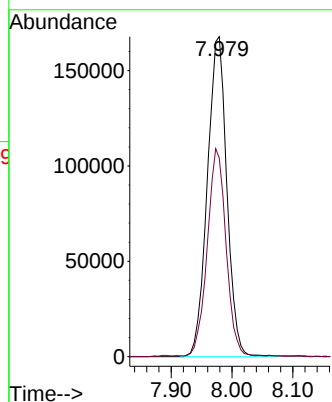
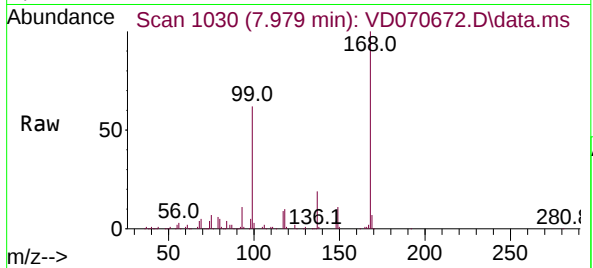




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

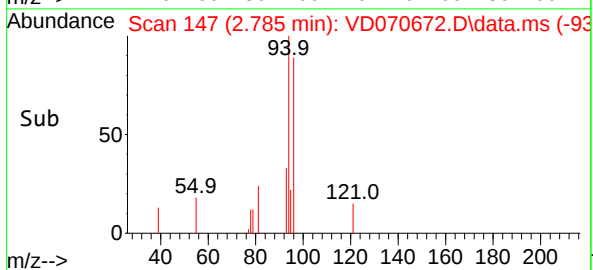
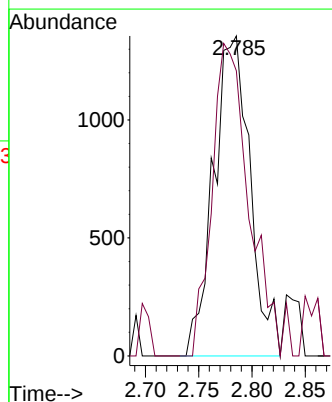
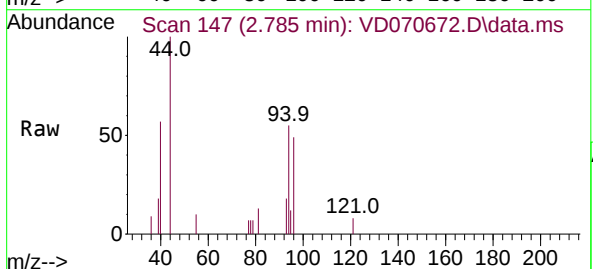
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

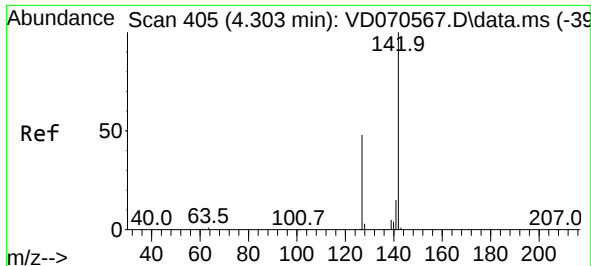
Tgt Ion:168 Resp: 373583
Ion Ratio Lower Upper
168 100
99 61.8 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 94 Resp: 3229
Ion Ratio Lower Upper
94 100
96 89.1 75.5 113.3

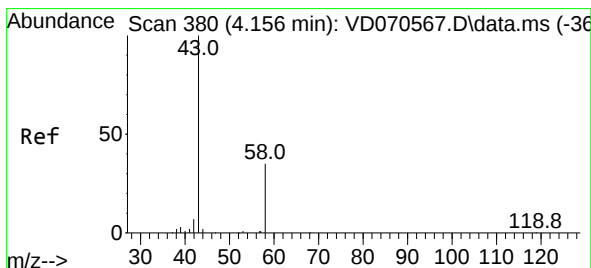
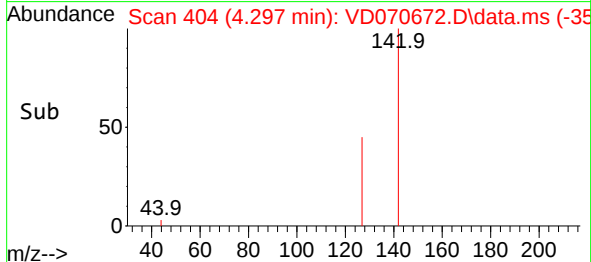
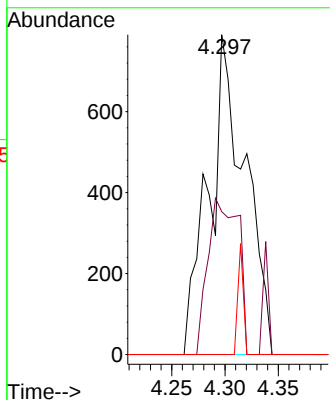
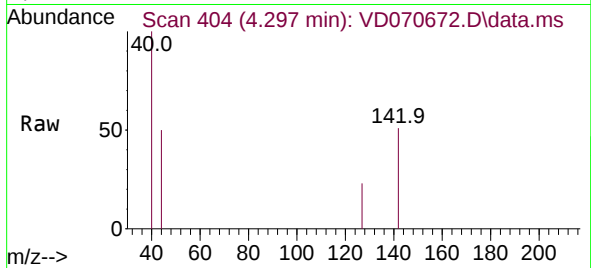




#10
Methyl Iodide
Concen: 1.097 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

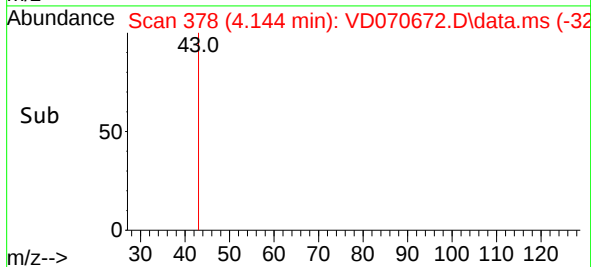
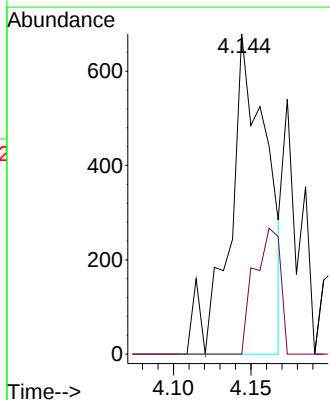
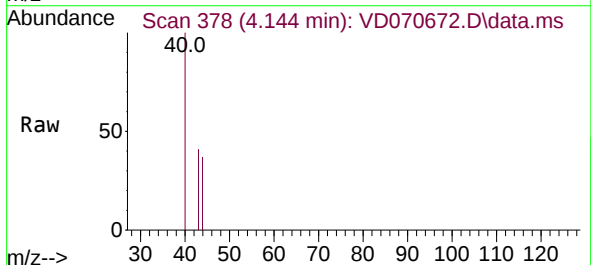
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

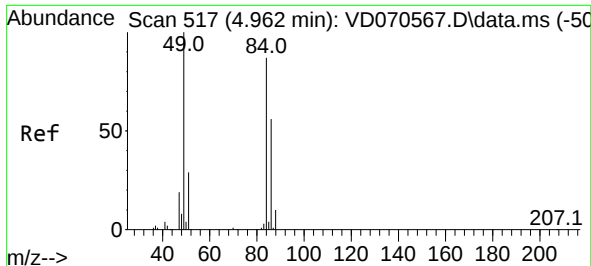
Tgt Ion:142 Resp: 1863
Ion Ratio Lower Upper
142 100
127 41.2 37.5 56.3
141 0.0 12.1 18.1#



#16
Acetone
Concen: 1.503 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

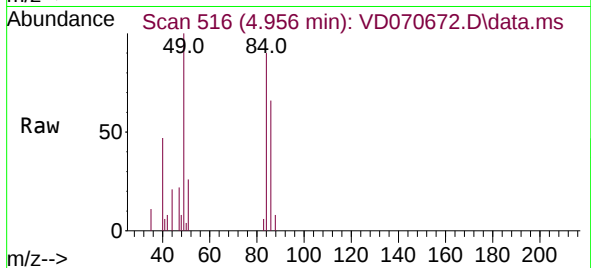
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



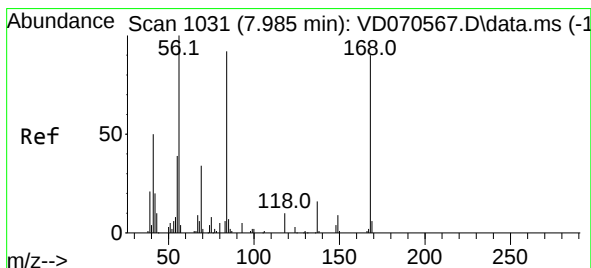
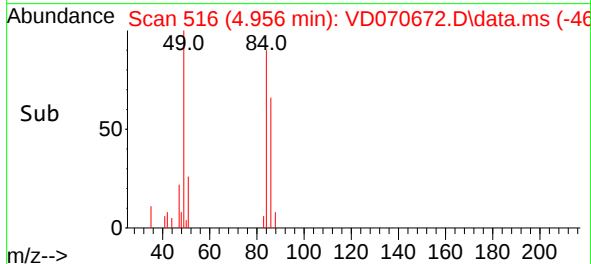
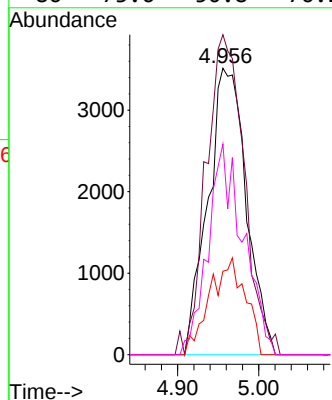


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

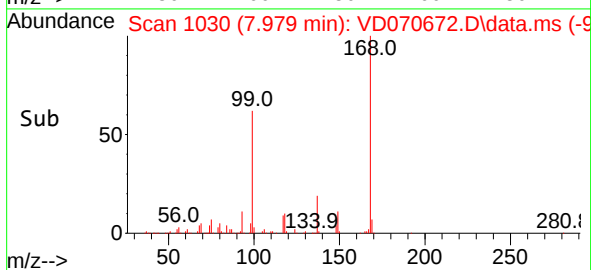
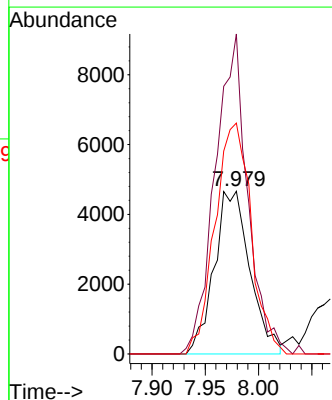
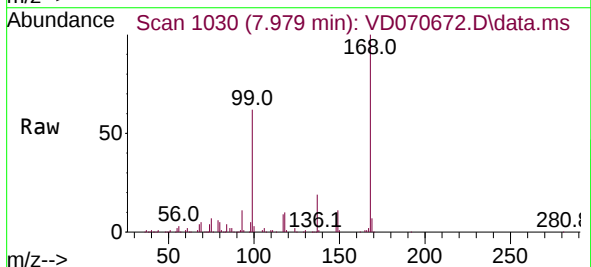


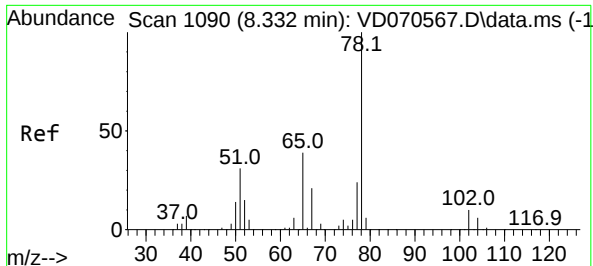
Tgt Ion:	84	Resp:	11586
Ion	Ratio	Lower	Upper
84	100		
49	111.7	91.4	137.2
51	29.1	26.7	40.1
86	73.6	50.8	76.2



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion:	56	Resp:	10908
Ion	Ratio	Lower	Upper
56	100		
69	196.6	27.4	41.2#
84	141.9	73.6	110.4#

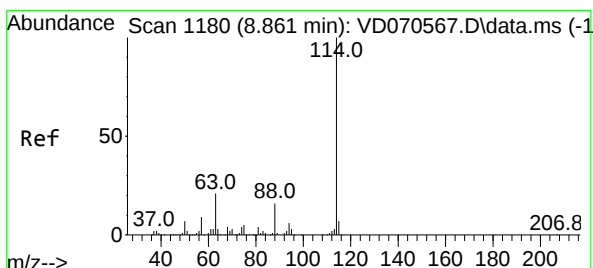
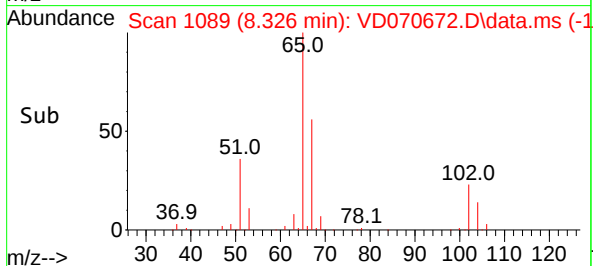
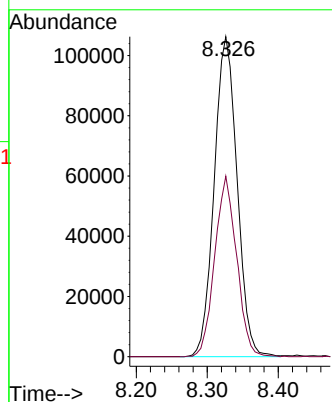
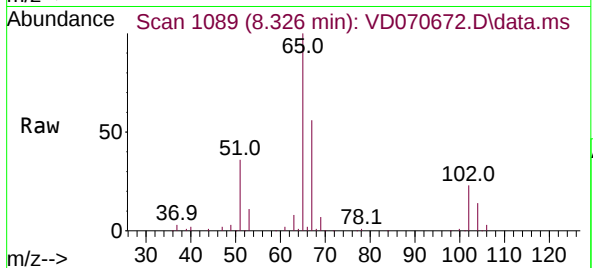




#33
1,2-Dichloroethane-d4
Concen: 54.011 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

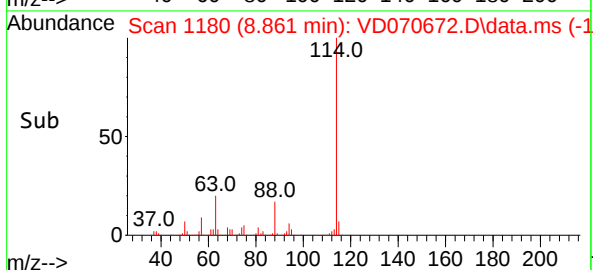
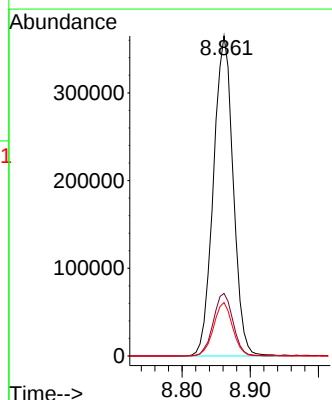
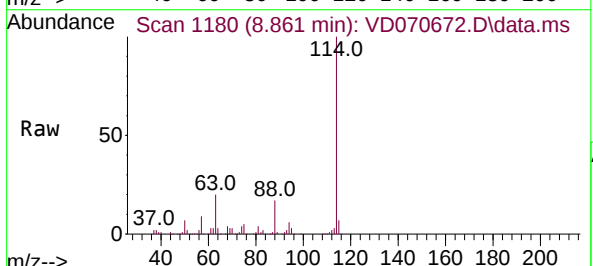
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

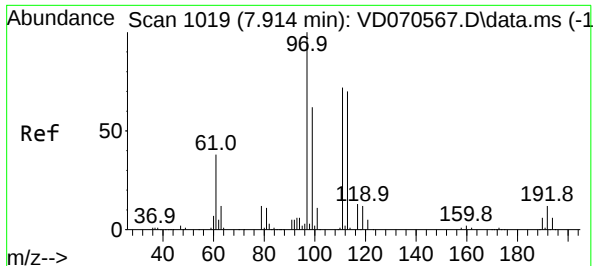
Tgt Ion: 65 Resp: 237463
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 114 Resp: 736638
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.8
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.332 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070672.D

Acq: 12 Oct 2021 11:48

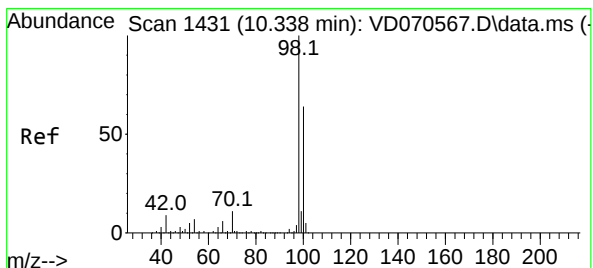
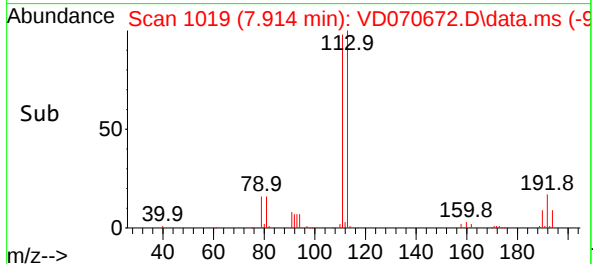
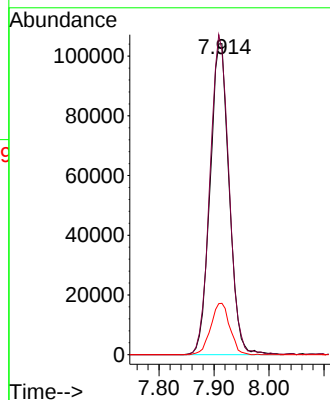
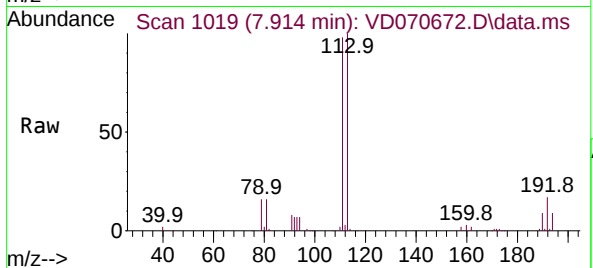
Tgt Ion:113 Resp: 251403

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

192 16.5 12.7 19.1



#50

Toluene-d8

Concen: 49.908 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070672.D

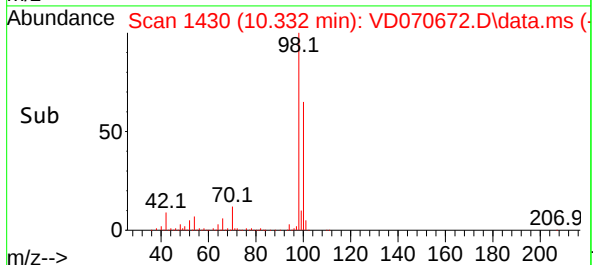
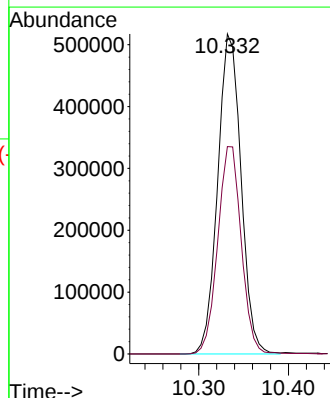
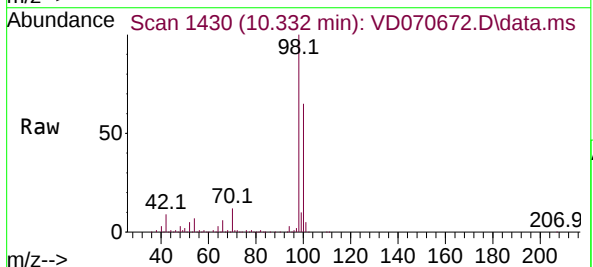
Acq: 12 Oct 2021 11:48

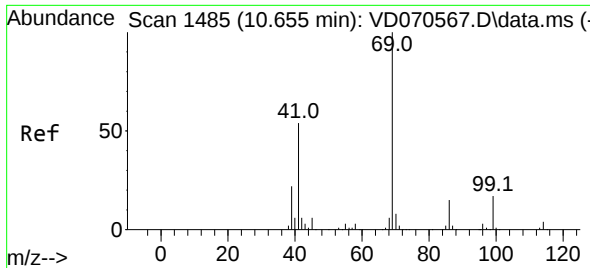
Tgt Ion: 98 Resp: 934428

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

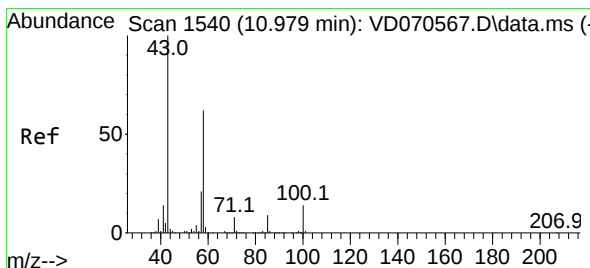
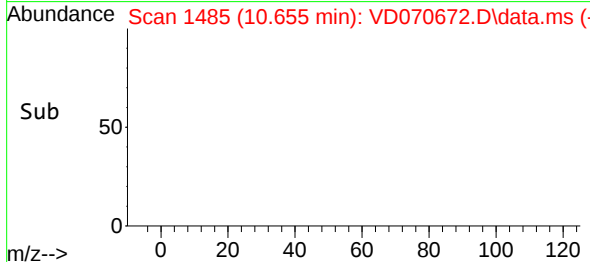
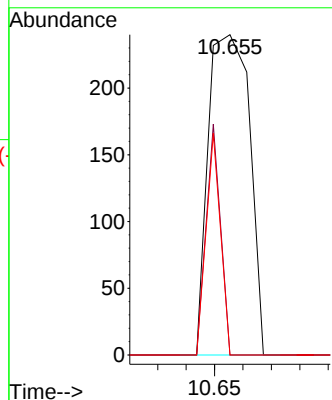
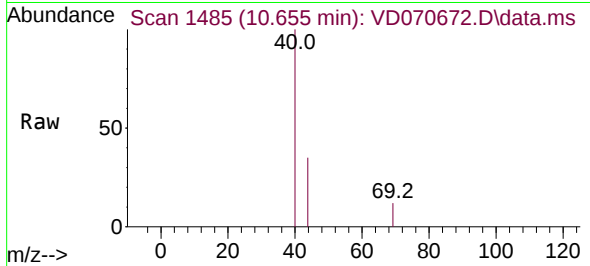




#56
Ethyl methacrylate
Concen: 1.421 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

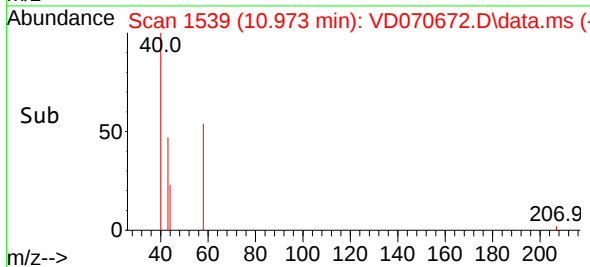
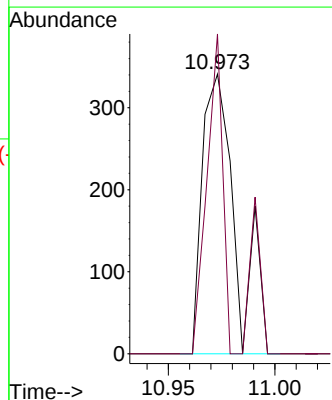
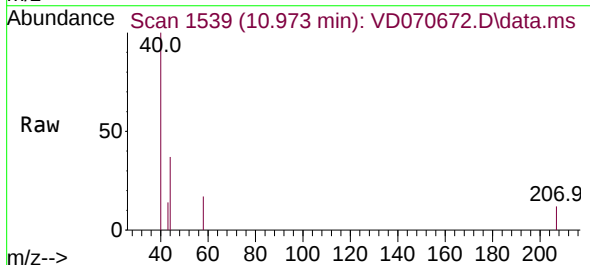
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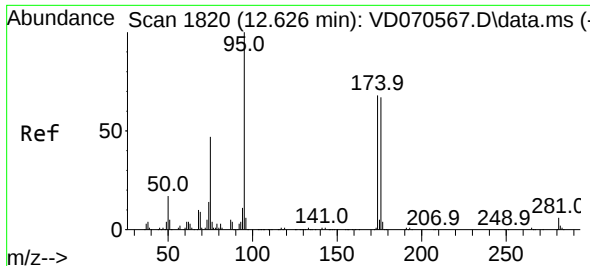
Tgt Ion: 69 Resp: 241
Ion Ratio Lower Upper
69 100
41 25.3 44.7 67.1#
39 24.5 19.5 29.3



#59
2-Hexanone
Concen: Below Cal
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 54.3 30.4 91.3

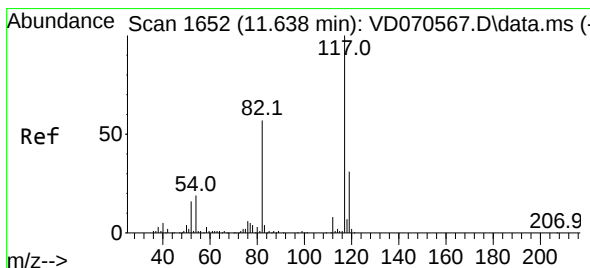
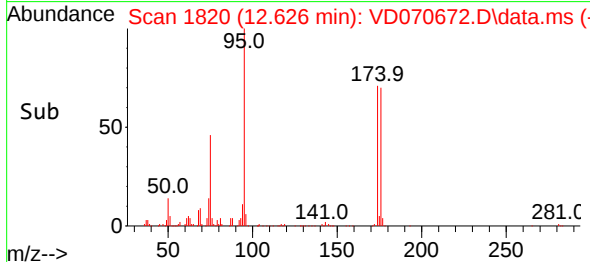
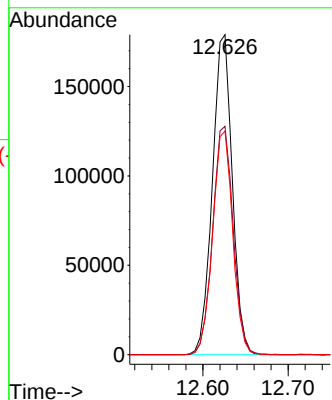
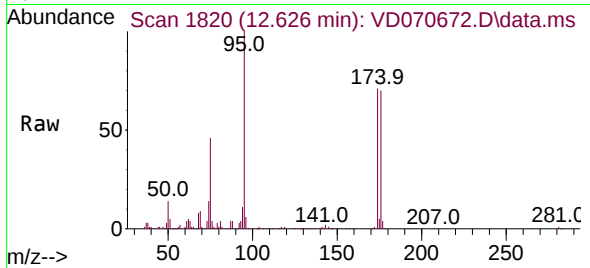




#62
4-Bromofluorobenzene
Concen: 46.459 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

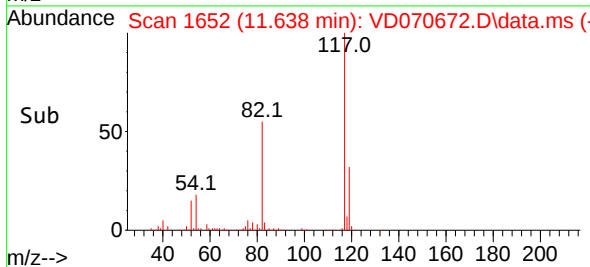
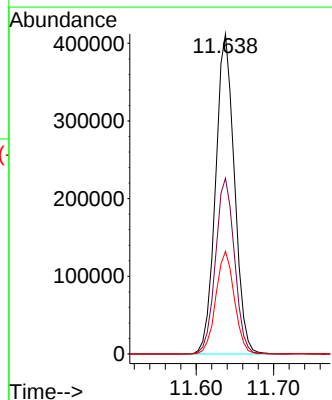
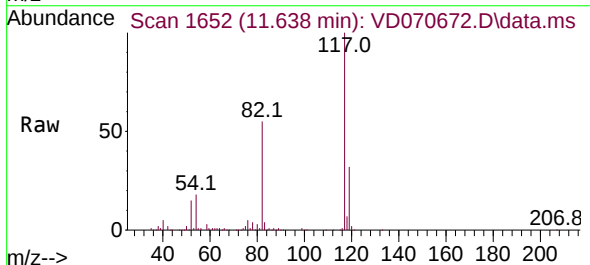
Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

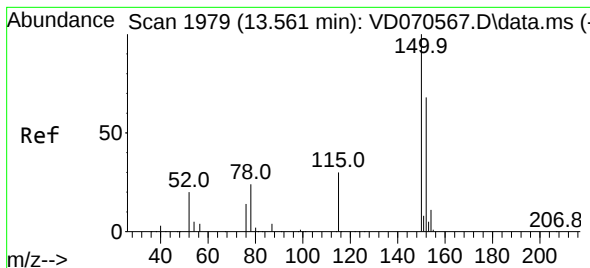
Tgt Ion: 95 Resp: 290720
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.0
176 70.6 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 117 Resp: 697347
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 32.1 24.7 37.1

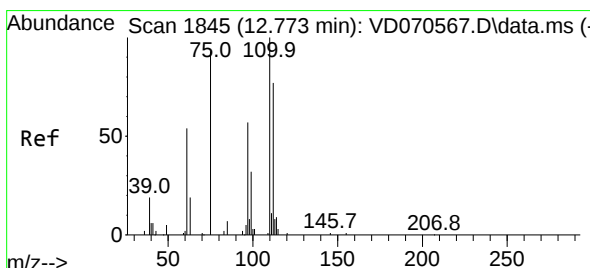
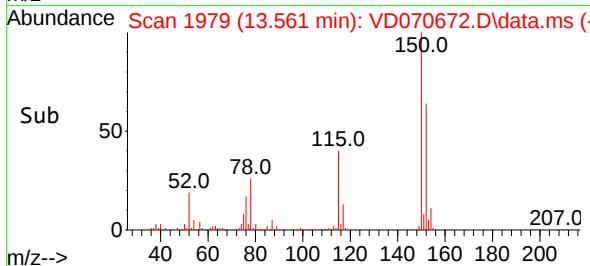
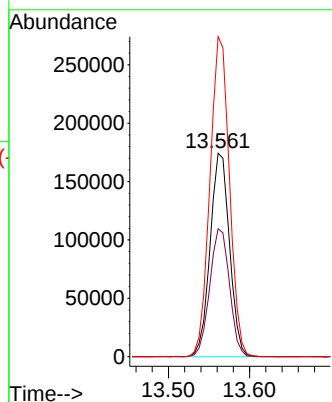
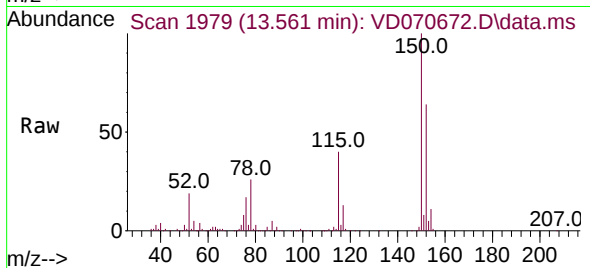




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070672.D
 Acq: 12 Oct 2021 11:48

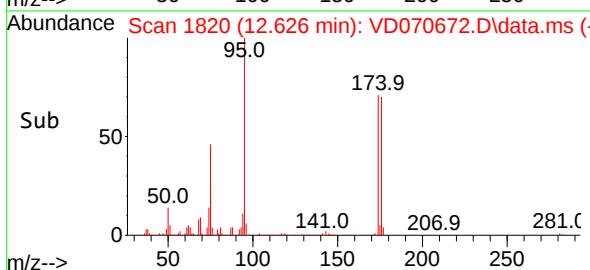
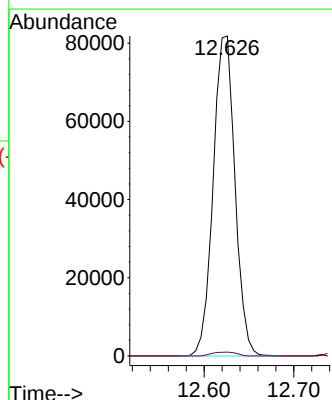
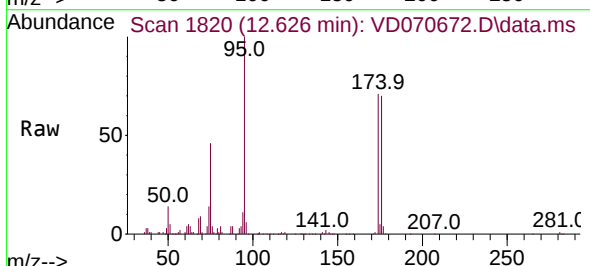
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1012SBL01

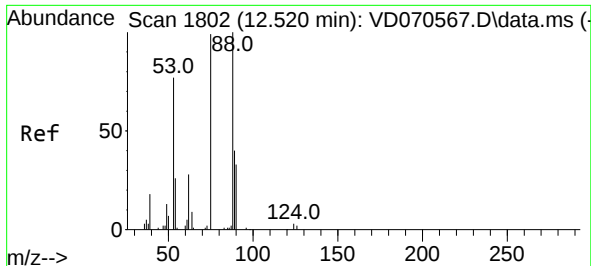
Tgt Ion:152 Resp: 289660
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.9 95.7
 150 157.5 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 52.633 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070672.D
 Acq: 12 Oct 2021 11:48

Tgt Ion: 75 Resp: 137990
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

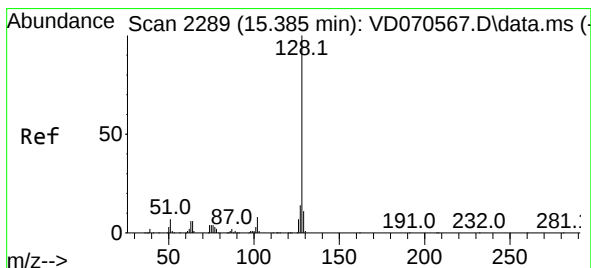
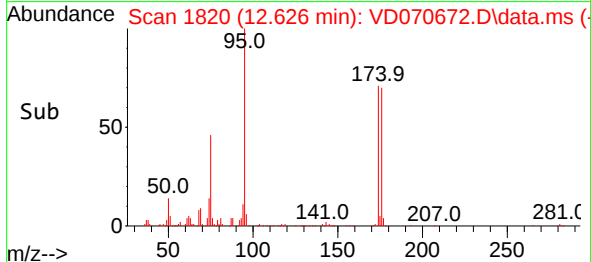
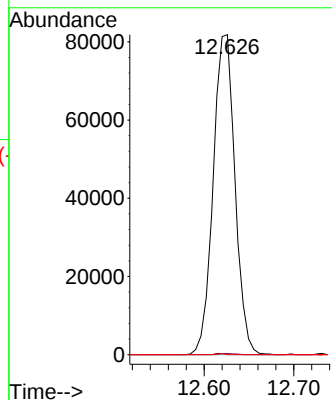
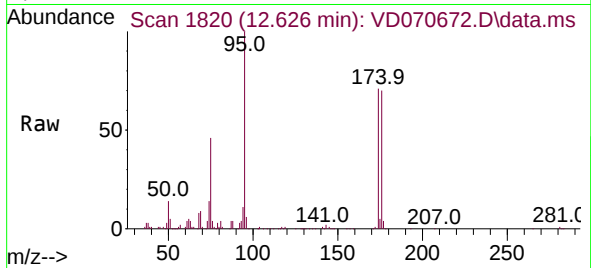




#81
trans-1,4-Dichloro-2-butene
Concen: 116.854 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1012SBL01

Tgt Ion: 75 Resp: 137990
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.754 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070672.D
Acq: 12 Oct 2021 11:48

Tgt Ion: 128 Resp: 2559
Ion Ratio Lower Upper
128 100
127 11.1 10.9 16.3
129 9.0 8.6 12.8

