

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073560.D
 Acq On : 14 Jun 2022 10:44
 Operator : VA/SY
 Sample : VD0614SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBL01

Quant Time: Jun 14 15:43:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

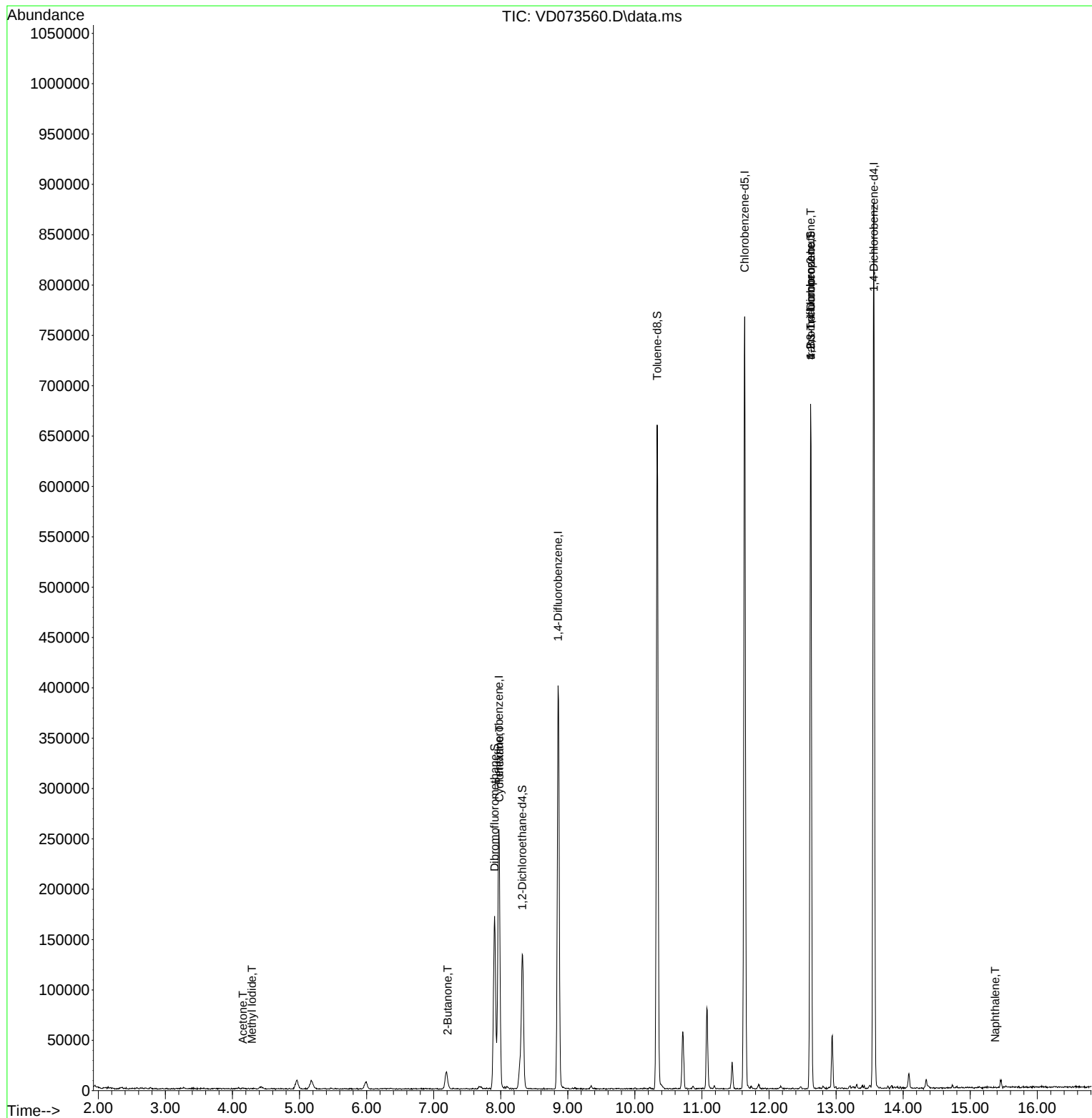
Internal Standards						
1) Pentafluorobenzene	7.973	168	188298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	343914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	450758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	108961	53.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.840%	
35) Dibromofluoromethane	7.909	113	122219	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.332	98	452923	54.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.620	95	209978	69.176	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.360%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	389	4.326	ug/l #	38
11) Tert butyl alcohol	5.179	59	7791	Below Cal	#	74
16) Acetone	4.156	43	1736	4.879	ug/l #	89
20) Methylene Chloride	4.950	84	6598	Below Cal	#	81
25) 2-Butanone	7.209	43	713	1.362	ug/l #	52
31) Cyclohexane	7.979	56	5224	1.535	ug/l #	31
76) 1,2,3-Trichloropropane	12.620	75	107854	47.428	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	107854	111.321	ug/l #	7
95) Naphthalene	15.373	128	622	4.271	ug/l #	70

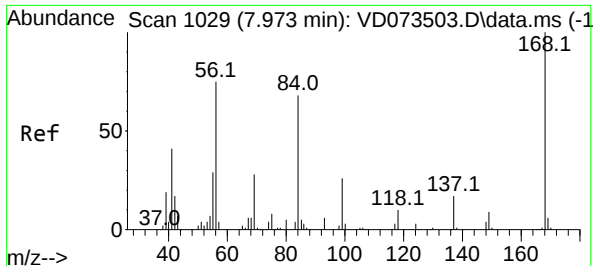
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
Data File : VD073560.D
Acq On : 14 Jun 2022 10:44
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

Quant Time: Jun 14 15:43:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

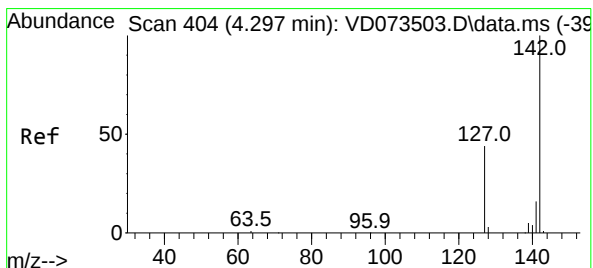
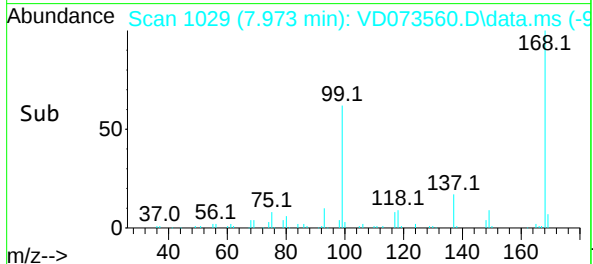
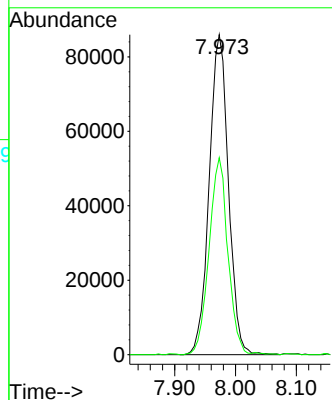
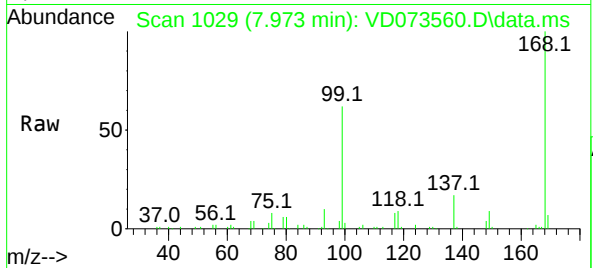




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

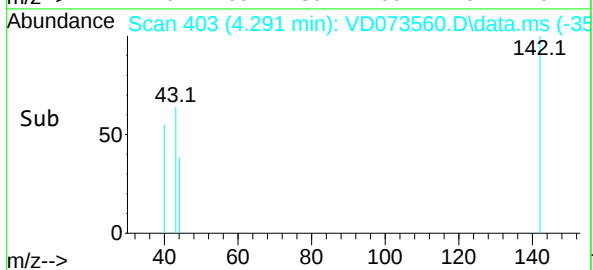
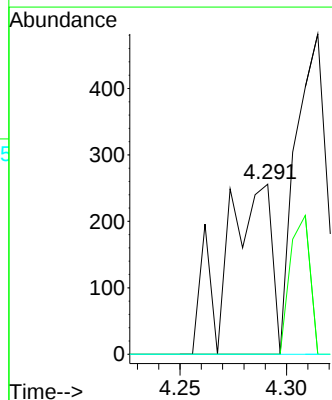
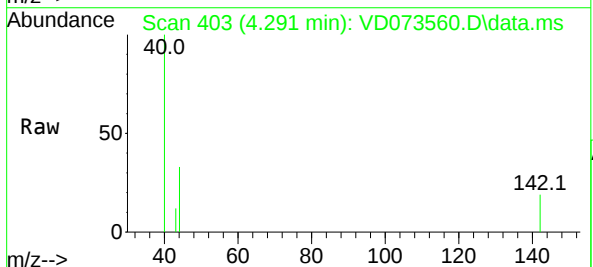
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

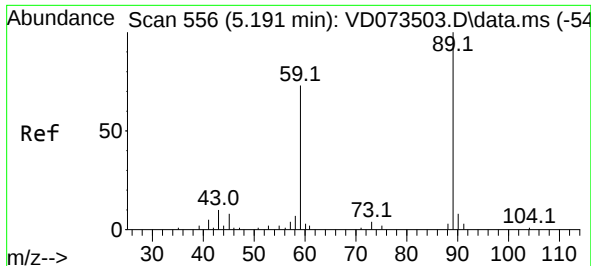
Tgt Ion:168 Resp: 188298
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#10
Methyl Iodide
Concen: 4.326 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion:142 Resp: 389
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.179 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073560.D

Acq: 14 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

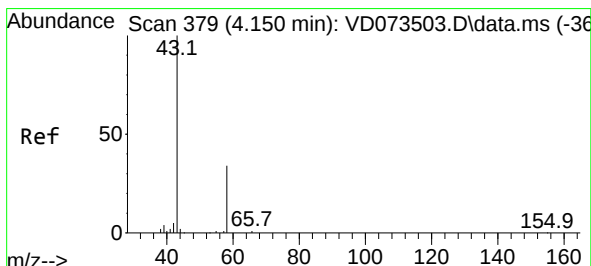
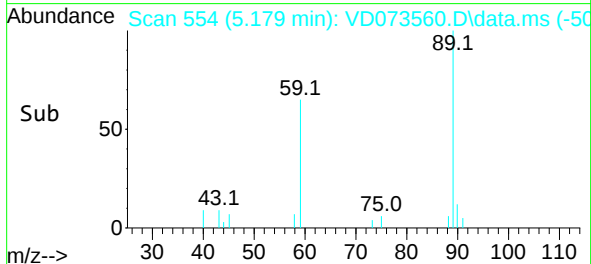
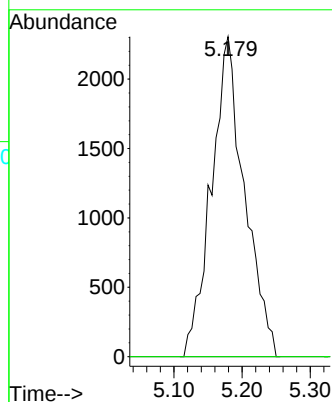
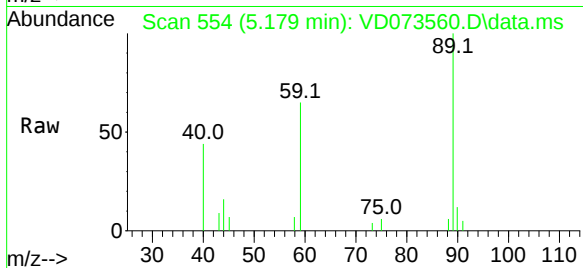
VD0614SBL01

Tgt Ion: 59 Resp: 7791

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 4.879 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD073560.D

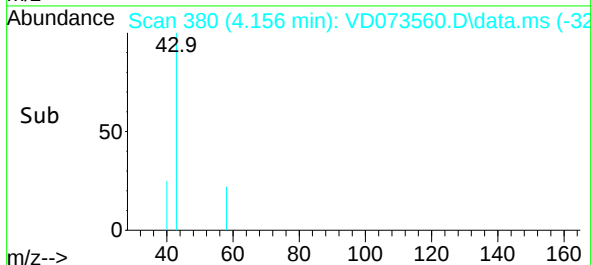
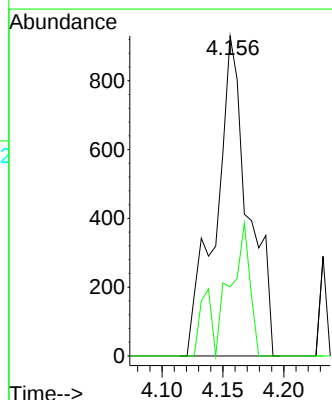
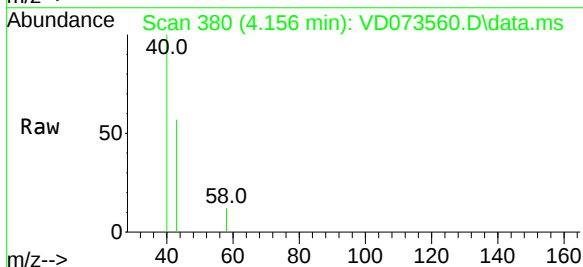
Acq: 14 Jun 2022 10:44

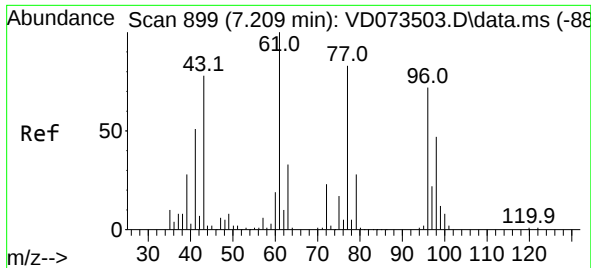
Tgt Ion: 43 Resp: 1736

Ion Ratio Lower Upper

43 100

58 21.6 22.1 33.1#

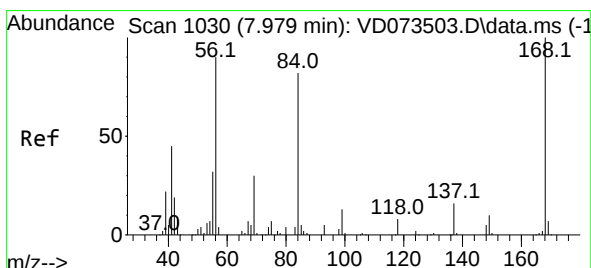
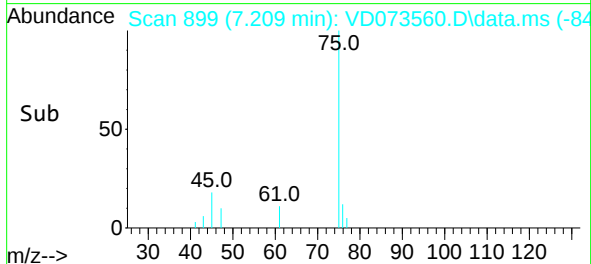
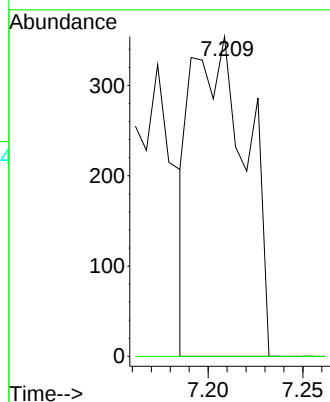
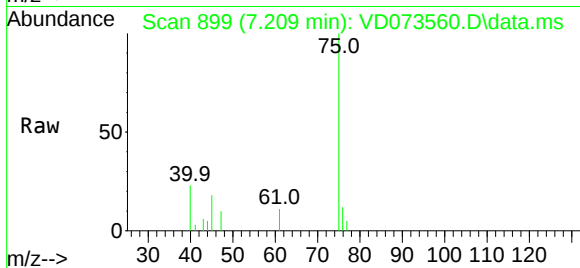




#25
2-Butanone
Concen: 1.362 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

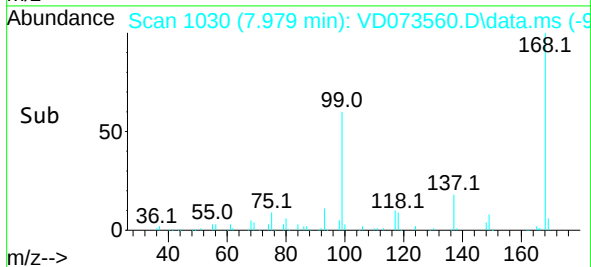
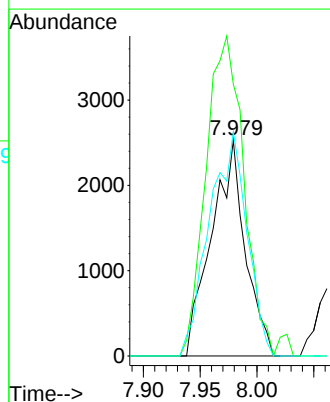
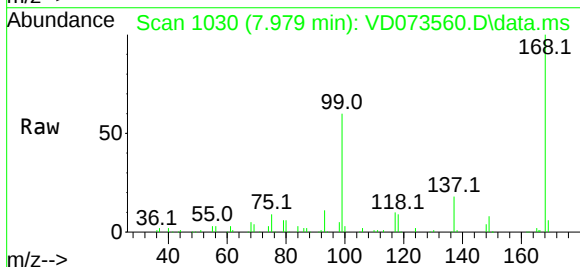
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

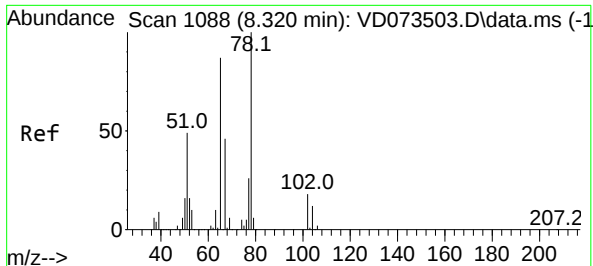
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.535 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion: 56 Resp: 5224
Ion Ratio Lower Upper
56 100
69 126.0 25.4 38.2#
84 103.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.923 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073560.D

Acq: 14 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

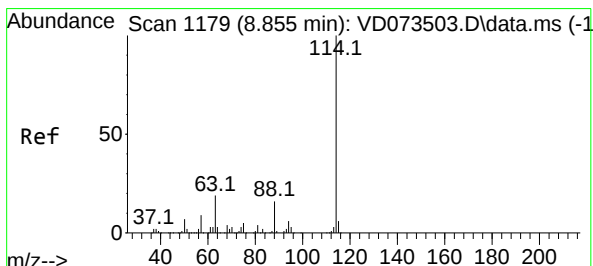
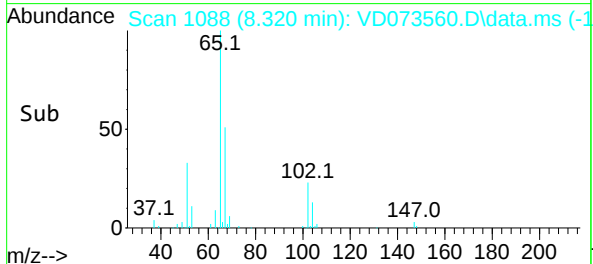
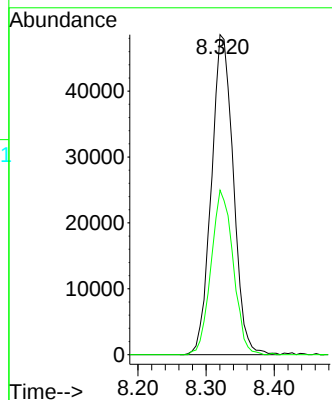
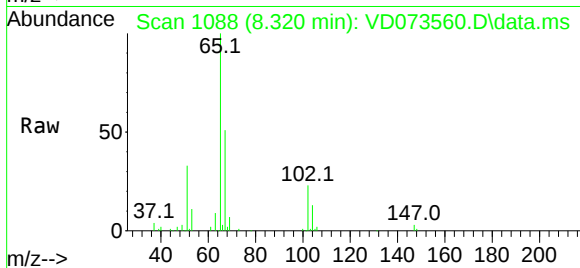
VD0614SBL01

Tgt Ion: 65 Resp: 108961

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073560.D

Acq: 14 Jun 2022 10:44

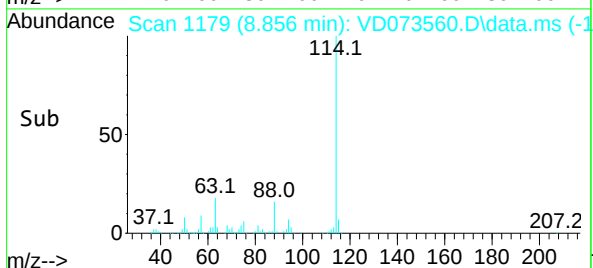
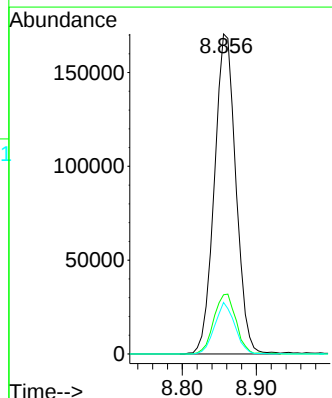
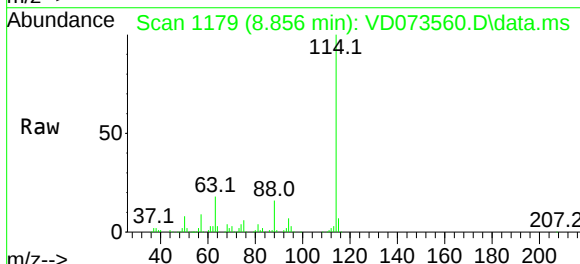
Tgt Ion: 114 Resp: 343914

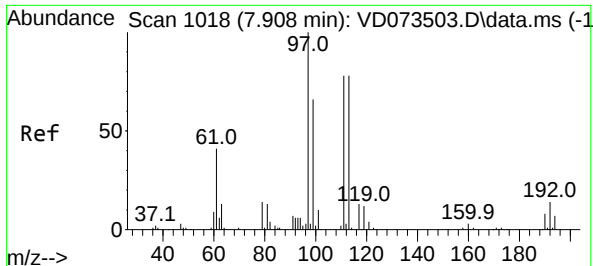
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.265 ug/l

RT: 7.909 min Scan# 113

Delta R.T. 0.001 min

Lab File: VD073560.D

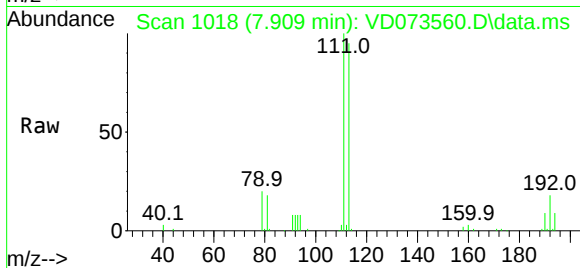
Acq: 14 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBL01



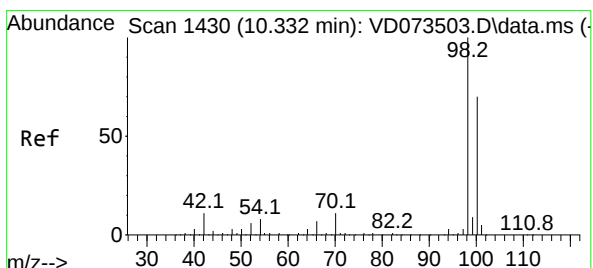
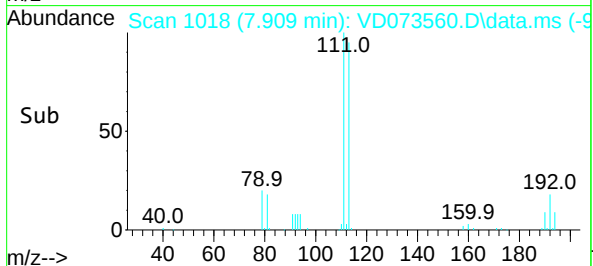
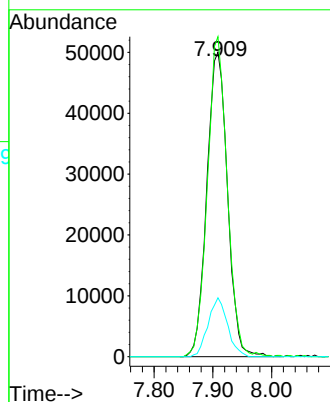
Tgt Ion:113 Resp: 122219

Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 18.2 14.6 21.8



#50

Toluene-d8

Concen: 54.168 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073560.D

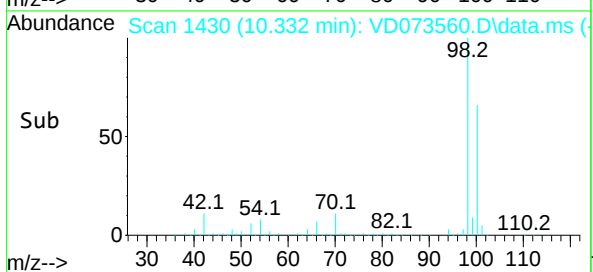
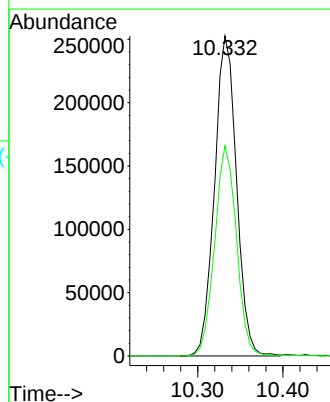
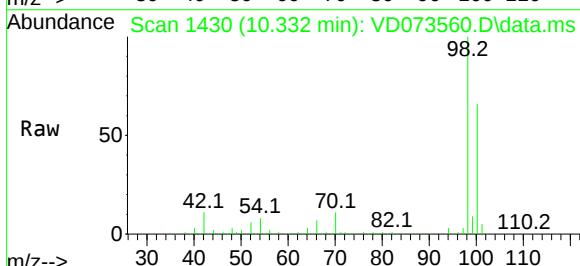
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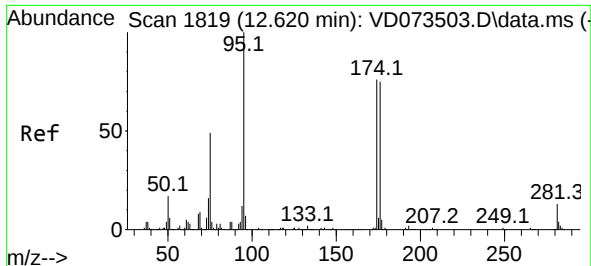
Tgt Ion: 98 Resp: 452923

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

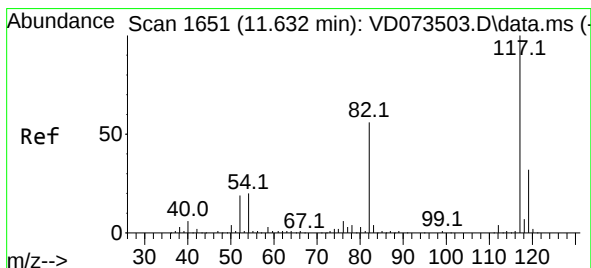
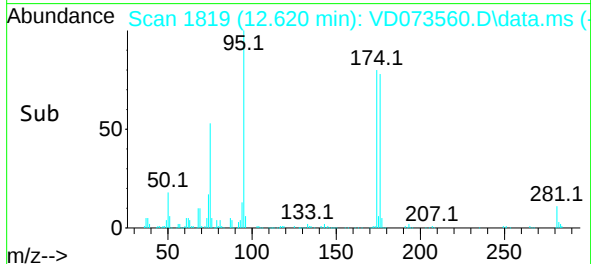
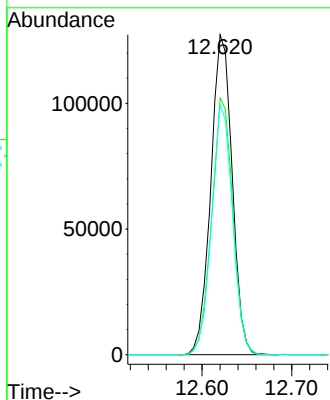
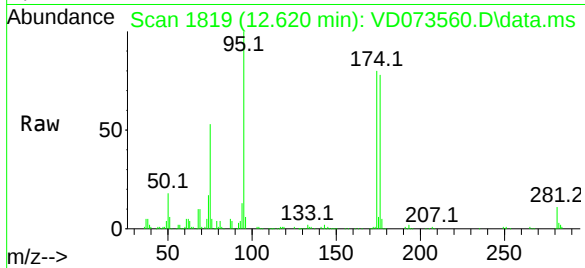




#62
4-Bromofluorobenzene
Concen: 69.176 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

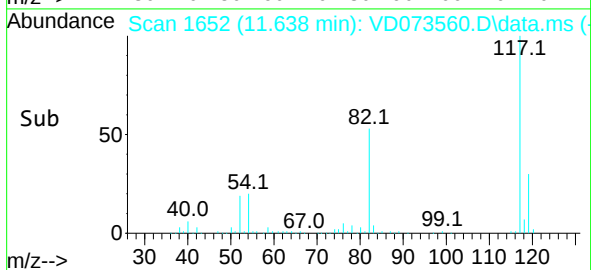
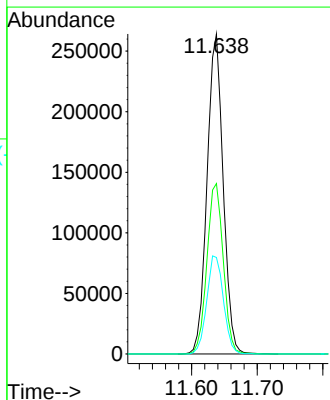
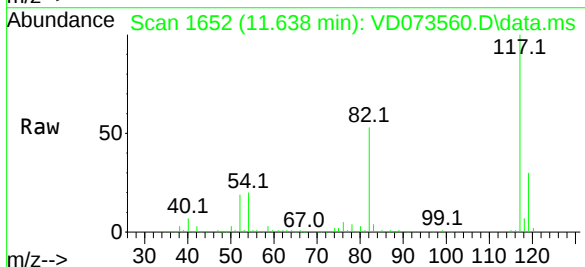
Instrument :
MSVOA_D
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VD0614SBL01

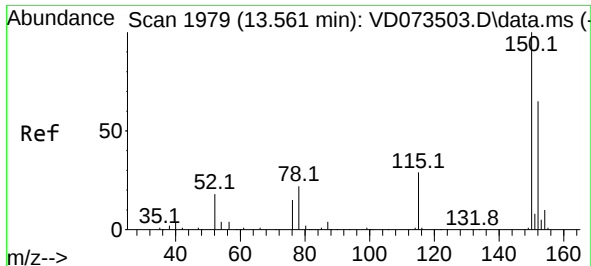
Tgt Ion: 95 Resp: 209978
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 76.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion: 117 Resp: 450758
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 30.1 26.6 40.0

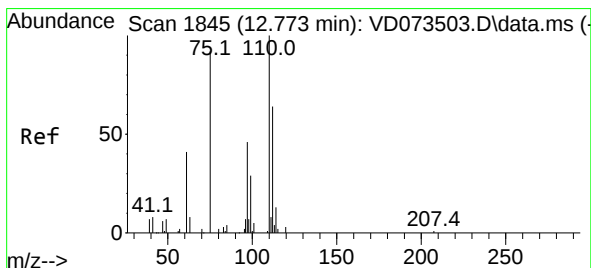
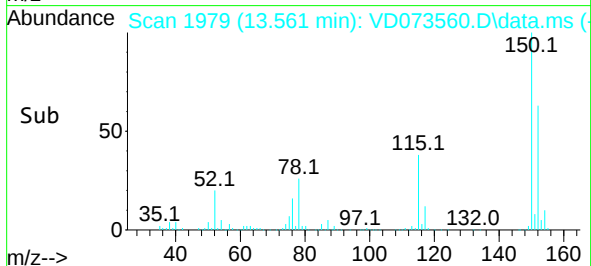
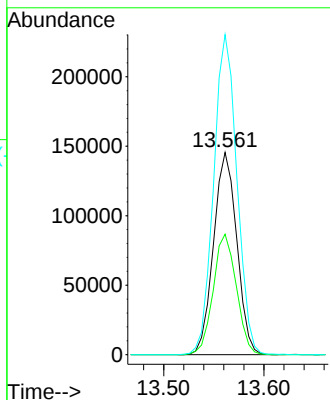
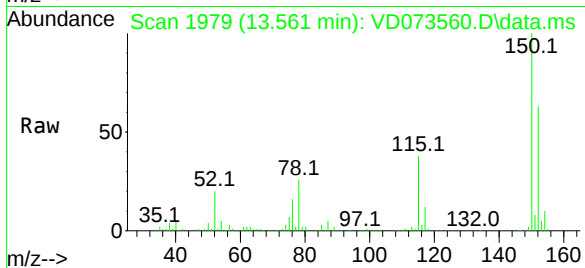




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073560.D
 Acq: 14 Jun 2022 10:44

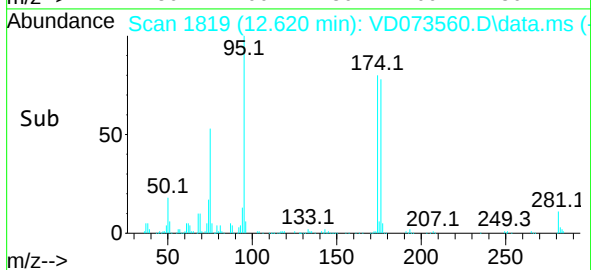
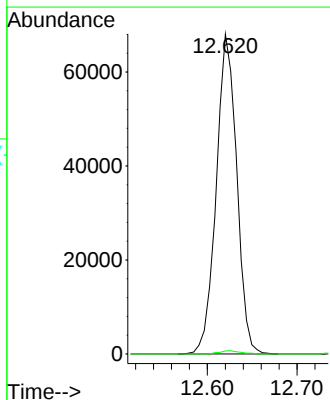
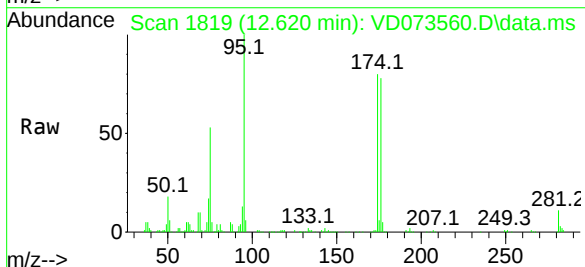
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBL01

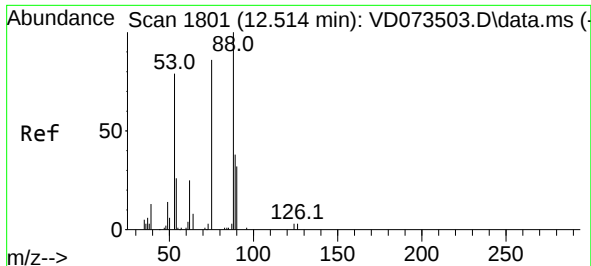
Tgt Ion:152 Resp: 234086
 Ion Ratio Lower Upper
 152 100
 115 59.4 31.3 93.8
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.428 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073560.D
 Acq: 14 Jun 2022 10:44

Tgt Ion: 75 Resp: 107854
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

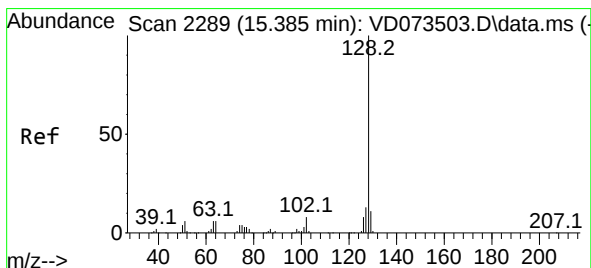
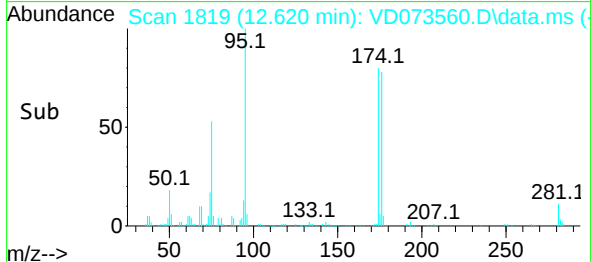
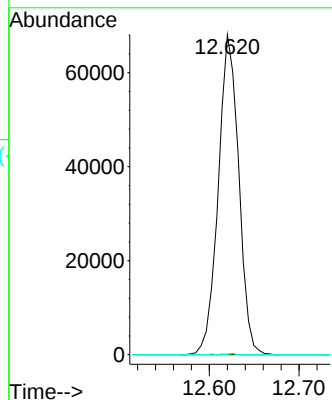
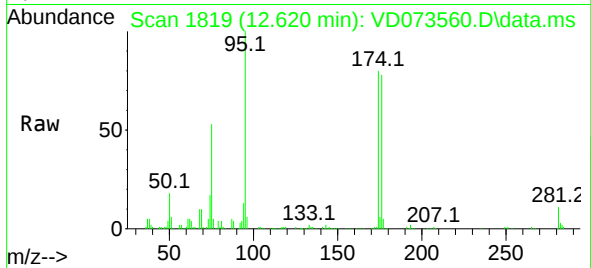




#81
trans-1,4-Dichloro-2-butene
Concen: 111.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

Tgt Ion: 75 Resp: 107854
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 4.271 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion:128 Resp: 622
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

