

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073594.D
 Acq On : 15 Jun 2022 16:33
 Operator : VA/SY
 Sample : N3281-01
 Misc : 5.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:03:59 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)

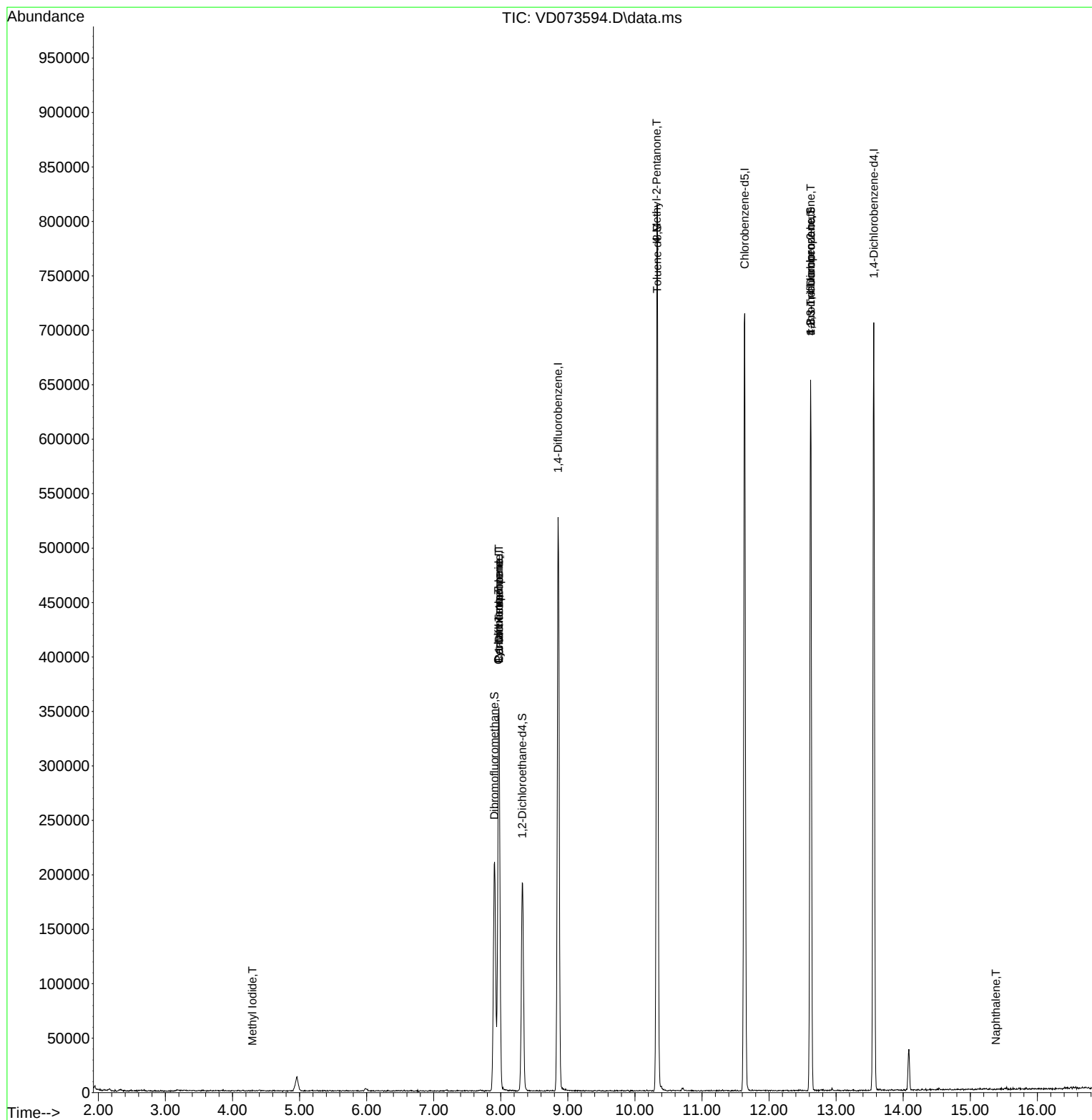
Internal Standards						
1) Pentafluorobenzene	7.973	168	259815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	450843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	421585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159710	57.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.560%
35) Dibromofluoromethane	7.902	113	151696	52.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.660%
50) Toluene-d8	10.332	98	540212	49.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.620	95	181107	45.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.020%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	60	4.190	ug/l #	38
20) Methylene Chloride	4.961	84	9725	Below Cal		91
31) Cyclohexane	7.967	56	5805	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	21310	4.894	ug/l #	52
38) Carbon Tetrachloride	7.973	117	28415	6.238	ug/l #	18
51) 4-Methyl-2-Pentanone	10.326	43	2350	1.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	96288	51.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	96288	120.504	ug/l #	7
95) Naphthalene	15.384	128	318	4.245	ug/l #	70

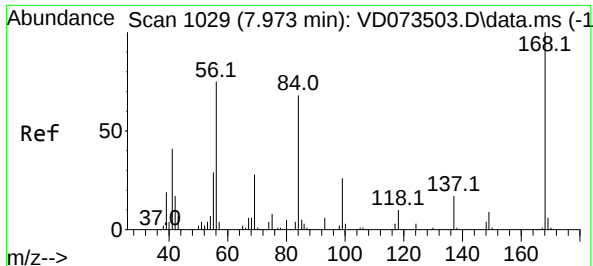
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:03:59 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

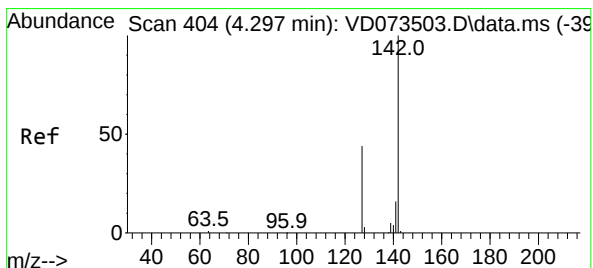
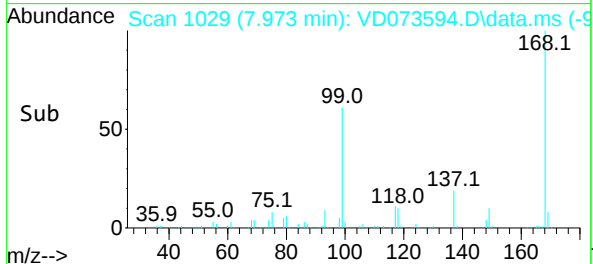
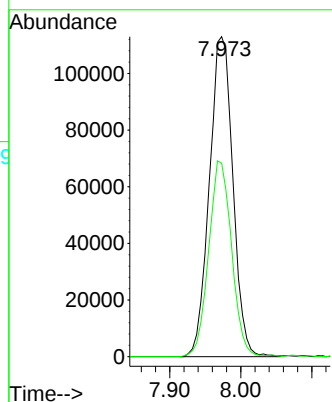
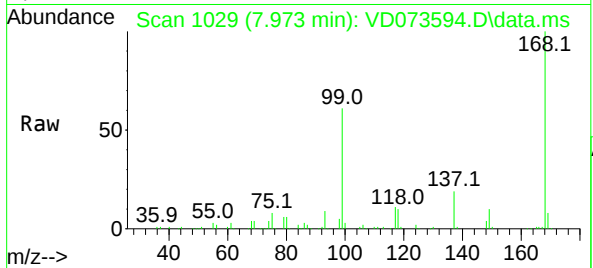




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

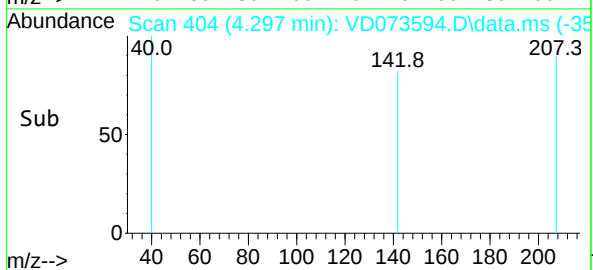
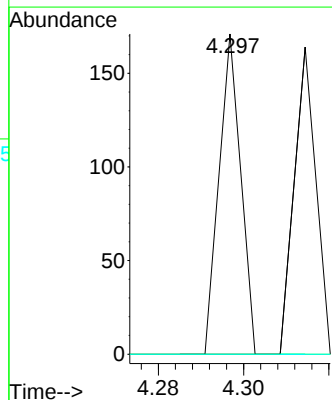
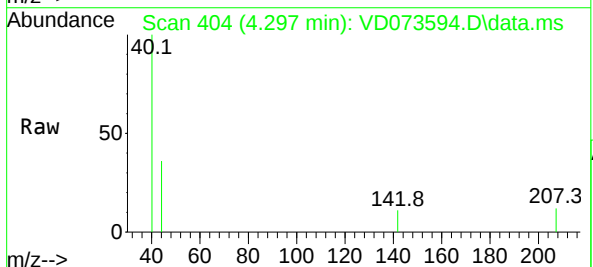
Instrument :
MSVOA_D
ClientSampleId :

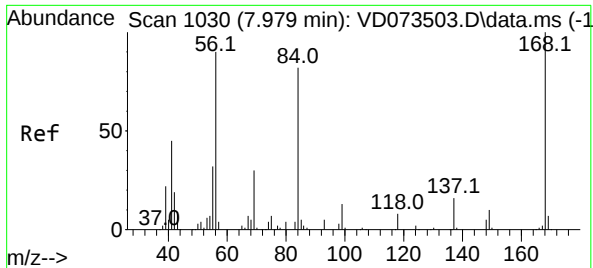
Tgt Ion:168 Resp: 259815
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#10
Methyl Iodide
Concen: 4.190 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

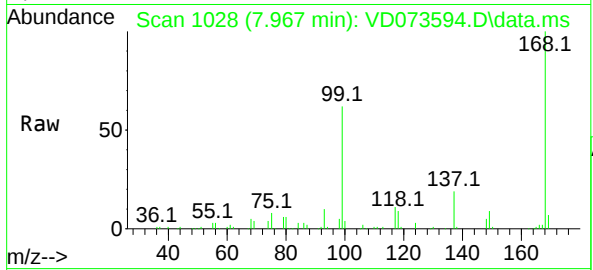
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



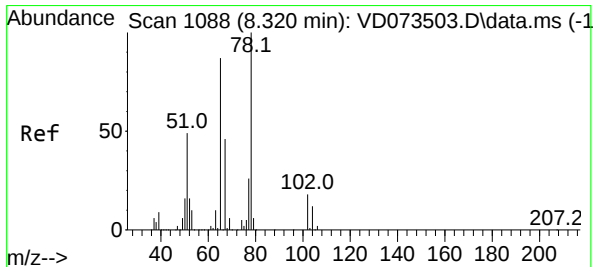
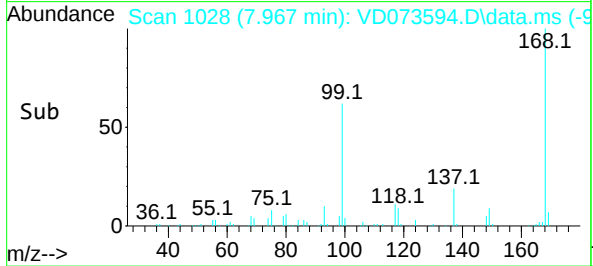
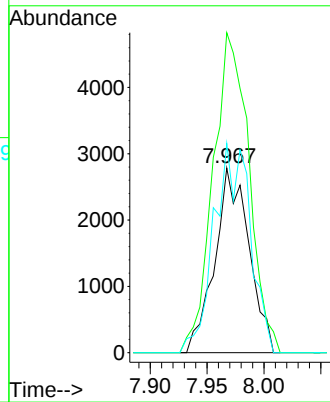


#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Instrument :
MSVOA_D
ClientSampleId :

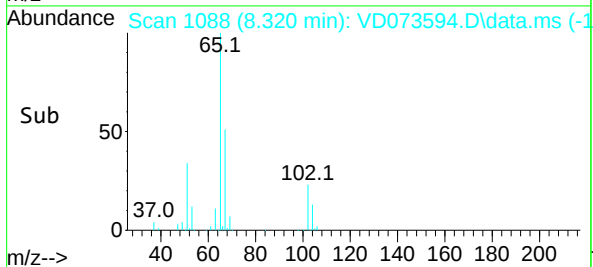
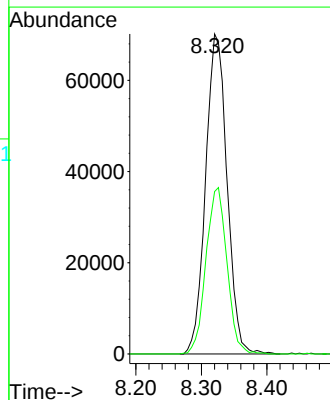
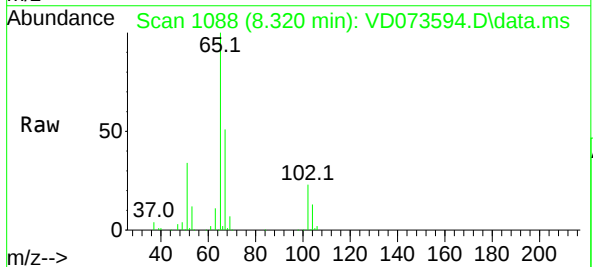


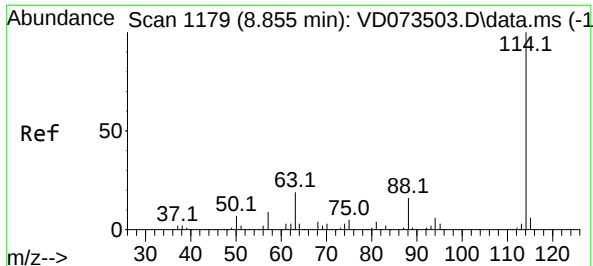
Tgt Ion: 56 Resp: 5805
Ion Ratio Lower Upper
56 100
69 173.3 25.4 38.2#
84 113.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 57.281 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 65 Resp: 159710
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073594.D

Acq: 15 Jun 2022 16:33

Instrument :

MSVOA_D

ClientSampleId :

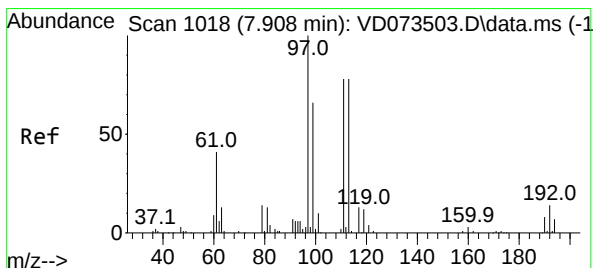
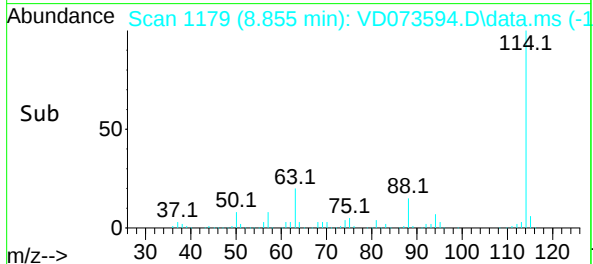
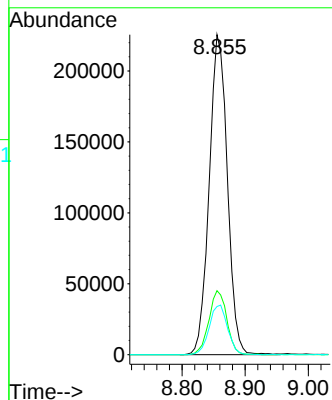
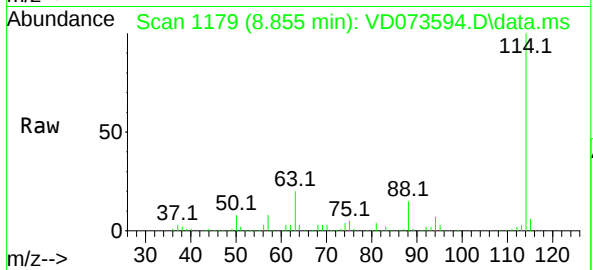
Tgt Ion:114 Resp: 450843

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.325 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073594.D

Acq: 15 Jun 2022 16:33

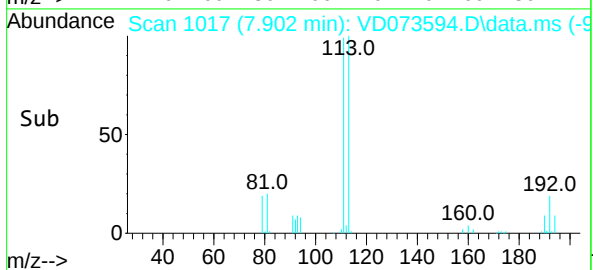
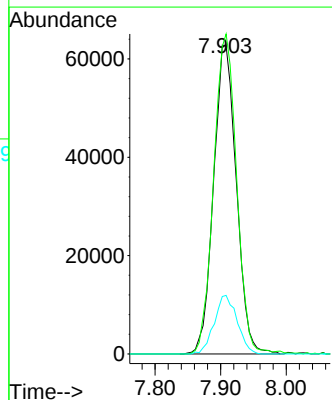
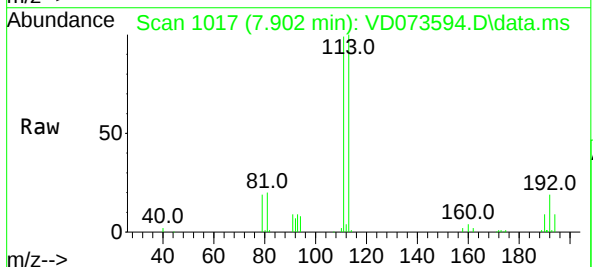
Tgt Ion:113 Resp: 151696

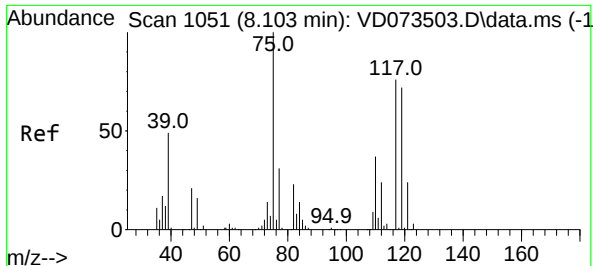
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073594.D

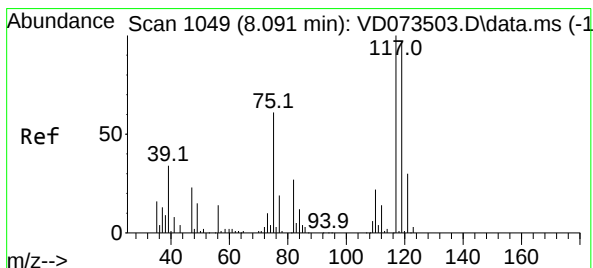
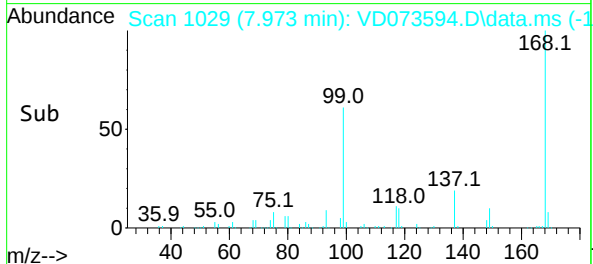
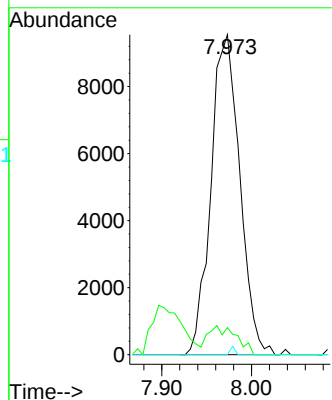
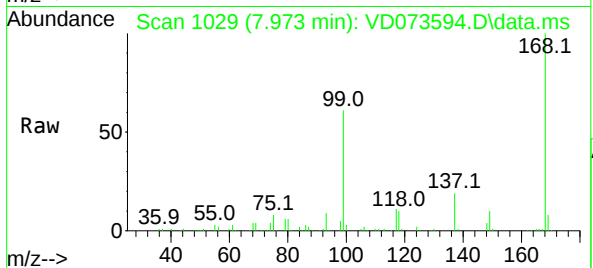
Acq: 15 Jun 2022 16:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75 Resp: 21310
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.1#
 77 0.4 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

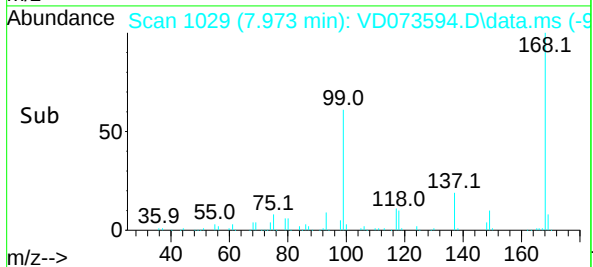
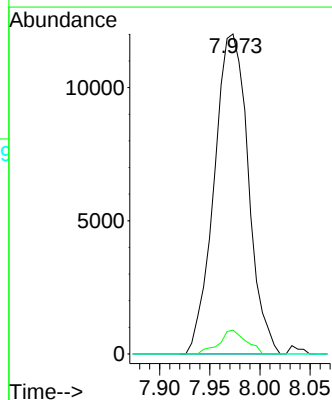
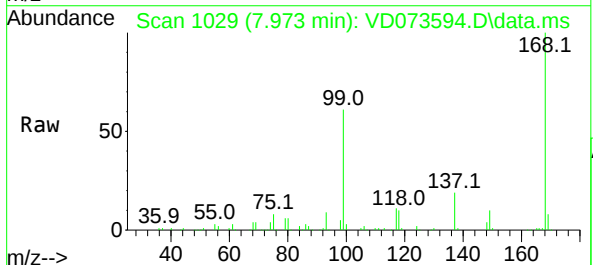
RT: 7.973 min Scan# 1029

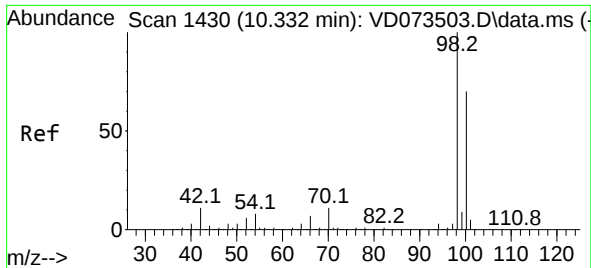
Delta R.T. -0.118 min

Lab File: VD073594.D

Acq: 15 Jun 2022 16:33

Tgt Ion: 117 Resp: 28415
 Ion Ratio Lower Upper
 117 100
 119 7.4 75.8 113.6#
 121 0.0 24.5 36.7#

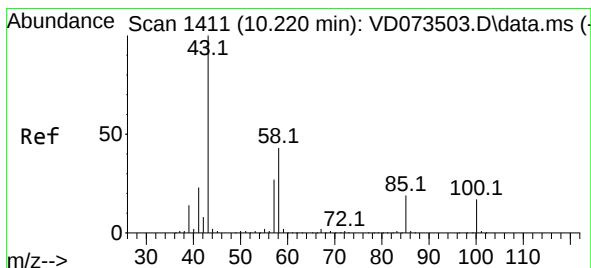
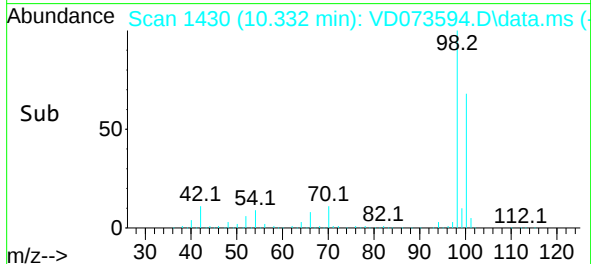
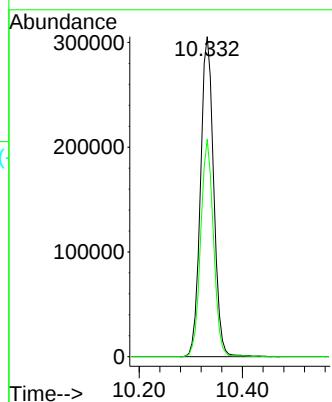
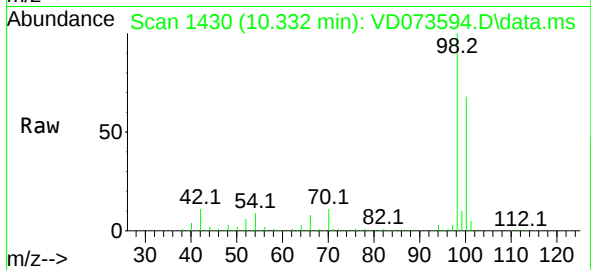




#50
Toluene-d8
Concen: 49.284 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

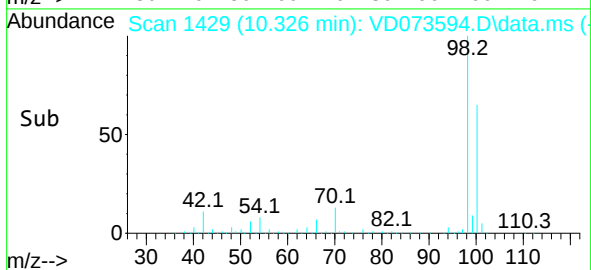
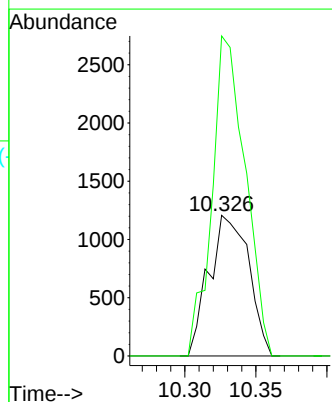
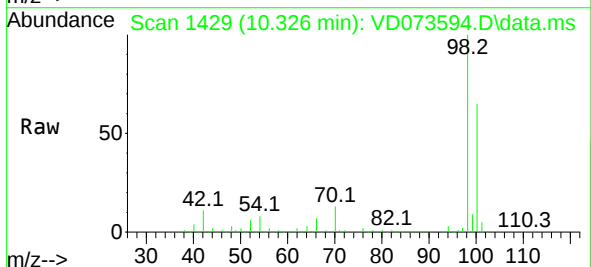
Instrument :
MSVOA_D
ClientSampleId :

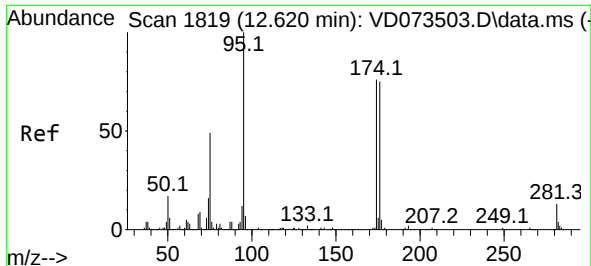
Tgt Ion: 98 Resp: 540212
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.372 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.106 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 191.0 28.6 43.0#

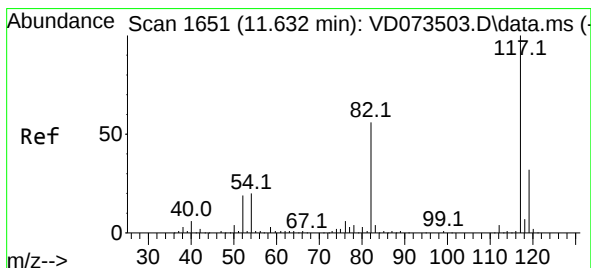
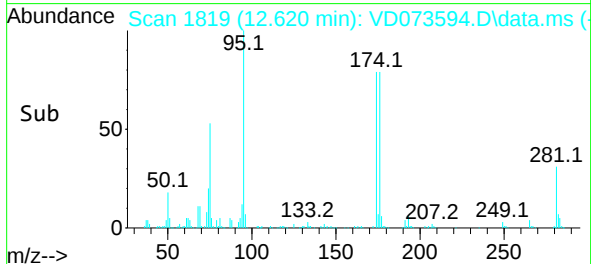
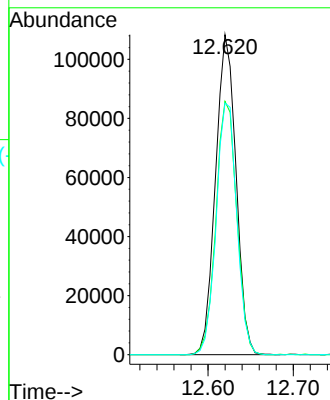
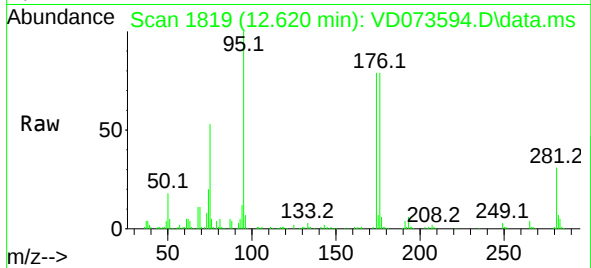




#62
4-Bromofluorobenzene
Concen: 45.514 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

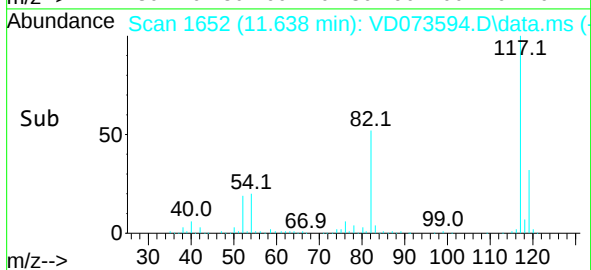
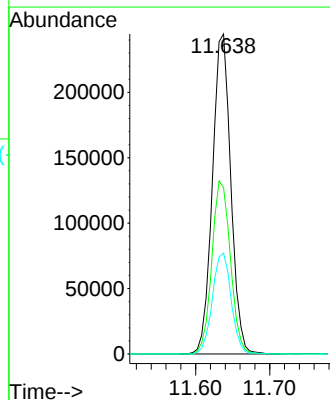
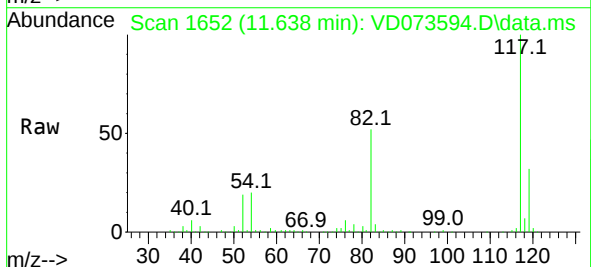
Instrument :
MSVOA_D
ClientSampleId :

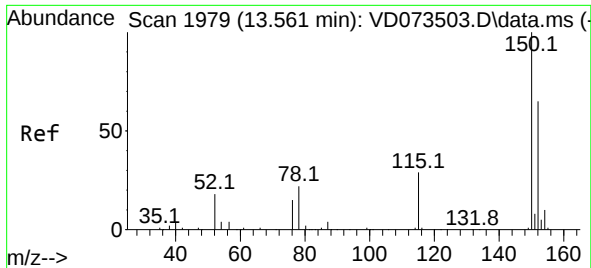
Tgt Ion: 95 Resp: 181107
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.8
176 78.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 117 Resp: 421585
Ion Ratio Lower Upper
117 100
82 52.0 45.3 67.9
119 31.5 26.6 40.0

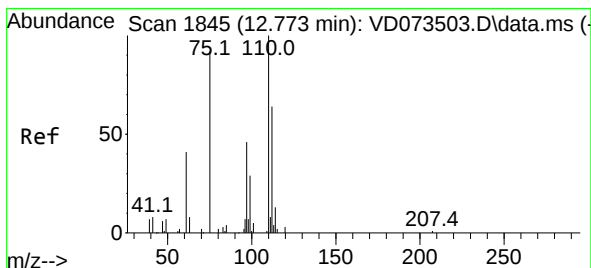
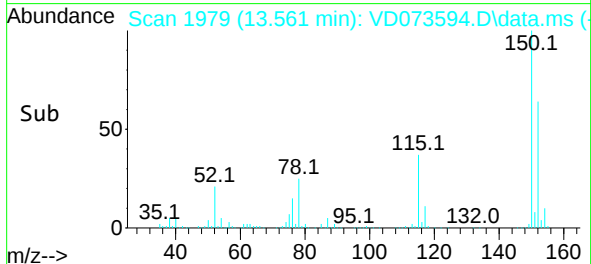
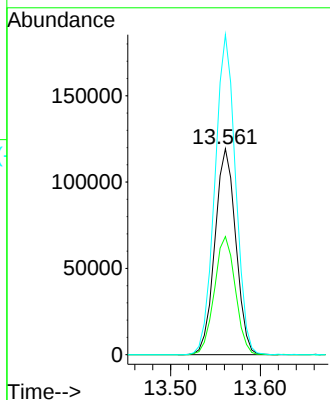
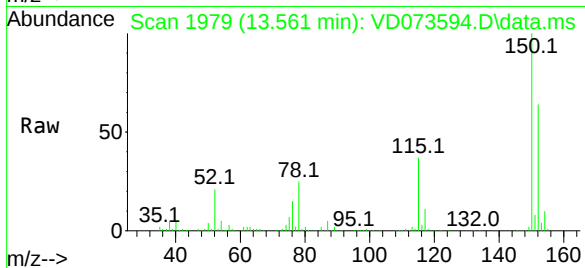




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073594.D
 Acq: 15 Jun 2022 16:33

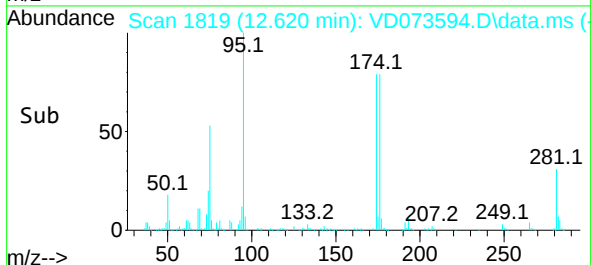
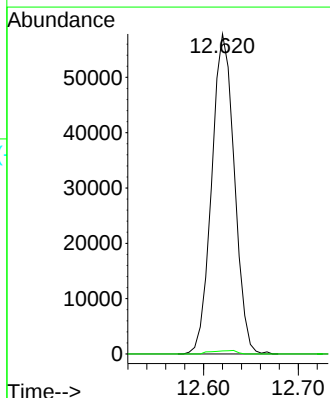
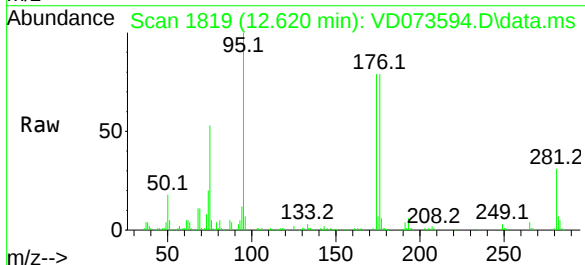
Instrument :
 MSVOA_D
 ClientSampleId :

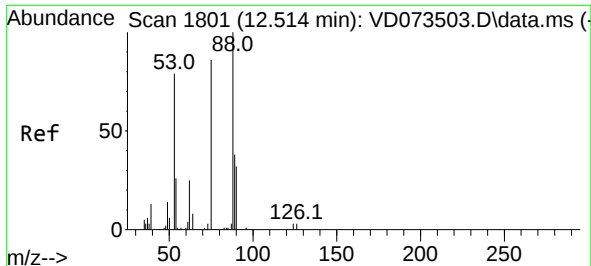
Tgt Ion:152 Resp: 193059
 Ion Ratio Lower Upper
 152 100
 115 57.6 31.3 93.8
 150 153.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.340 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073594.D
 Acq: 15 Jun 2022 16:33

Tgt Ion: 75 Resp: 96288
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

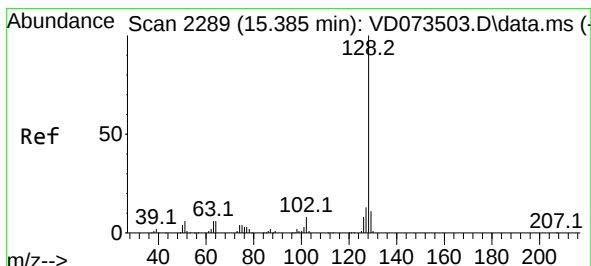
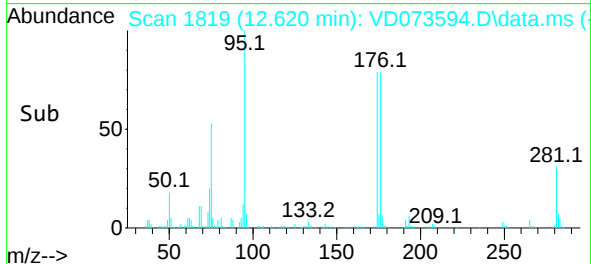
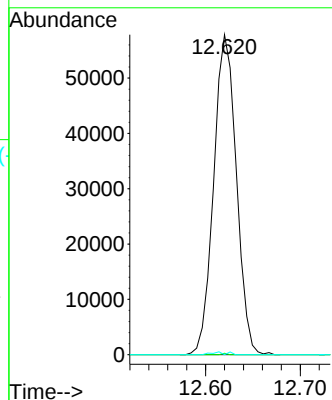
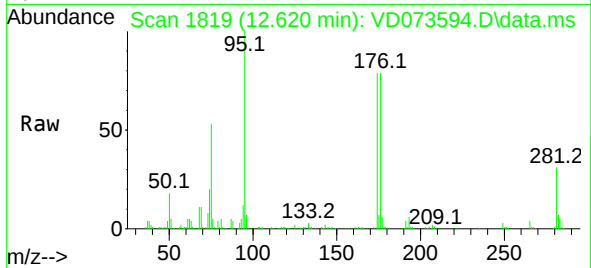




#81
trans-1,4-Dichloro-2-butene
Concen: 120.504 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 96288
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.6 33.9 50.9#



#95
Naphthalene
Concen: 4.245 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073594.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 128 Resp: 318
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

