

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073608.D
 Acq On : 16 Jun 2022 10:44
 Operator : VA/SY
 Sample : VD0616SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0616SBL01

Quant Time: Jun 16 15:10:31 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	300301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	502184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179930	55.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.908	113	176956	51.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.100%
50) Toluene-d8	10.332	98	626426	48.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.620	95	205558	43.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.260%

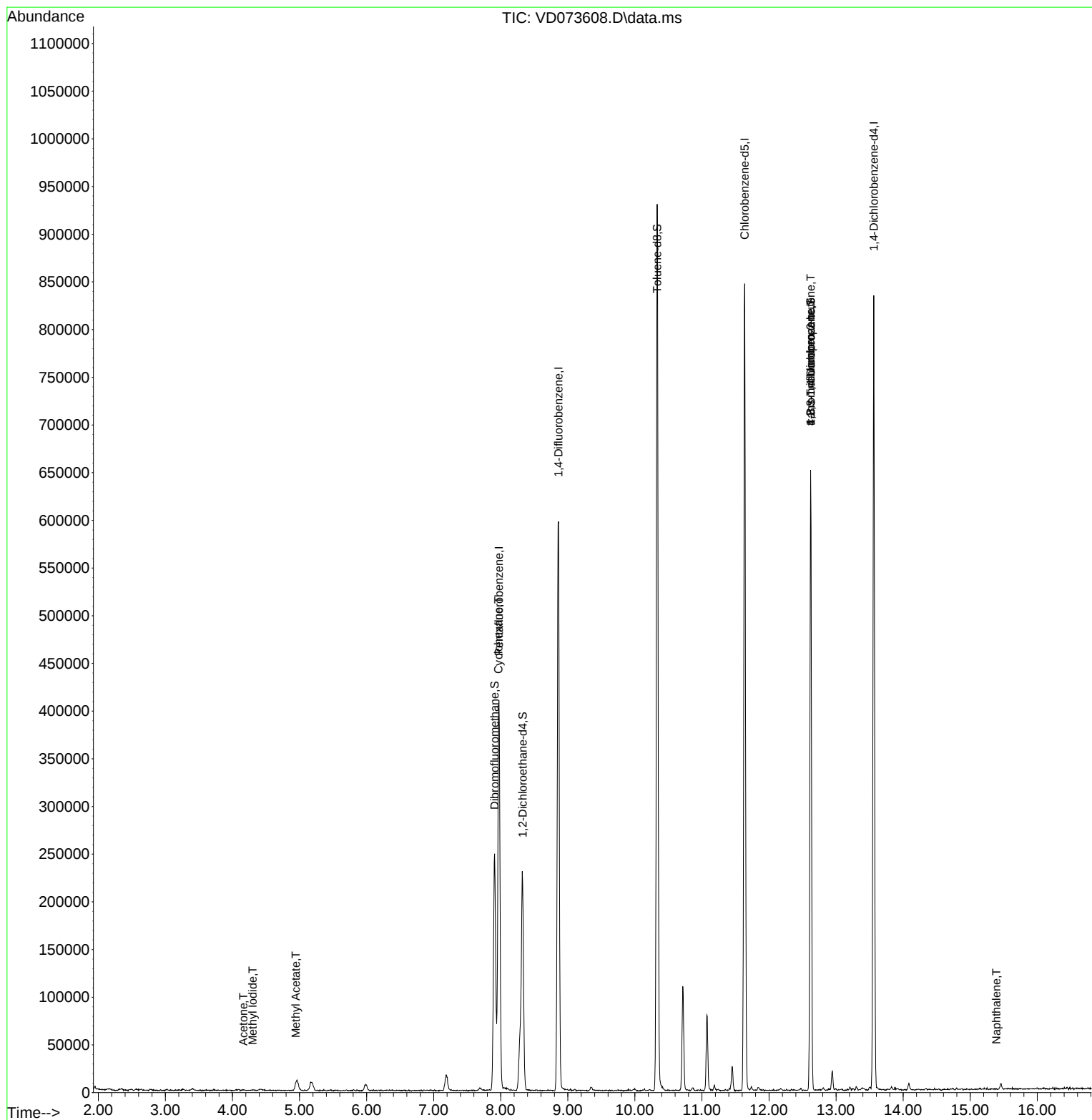
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	1135	4.454	ug/l #	61
11) Tert butyl alcohol	5.179	59	8752	Below Cal	#	75
16) Acetone	4.162	43	1297	2.286	ug/l #	47
18) Methyl Acetate	4.944	43	168	1.471	ug/l #	55
20) Methylene Chloride	4.962	84	8539	Below Cal	#	90
31) Cyclohexane	7.967	56	7235	1.333	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	104572	48.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	104572	113.633	ug/l #	7
95) Naphthalene	15.390	128	567	4.268	ug/l #	83

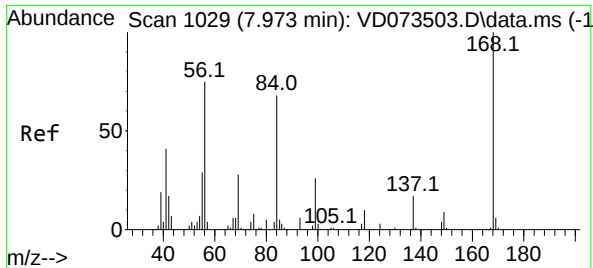
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
Data File : VD073608.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

Quant Time: Jun 16 15:10:31 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

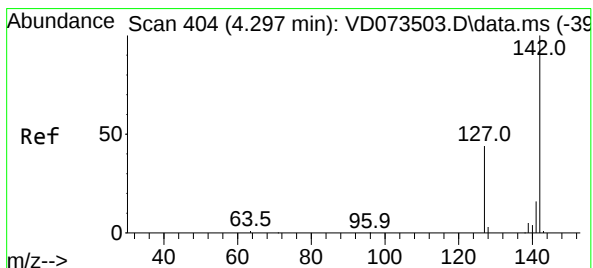
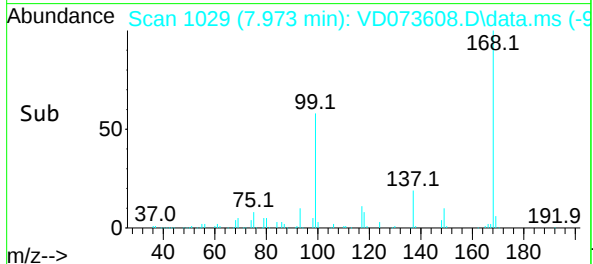
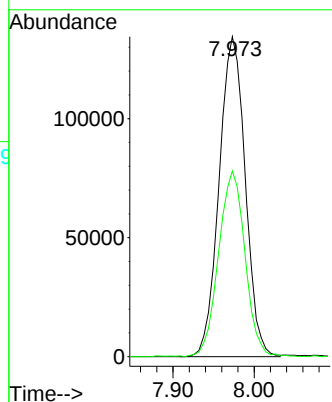
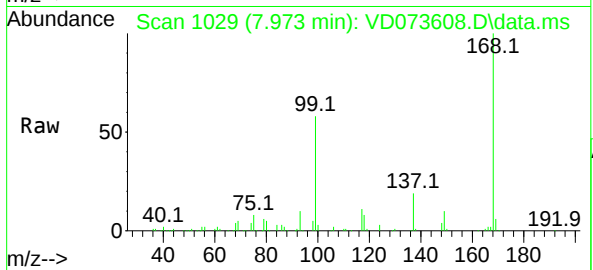




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

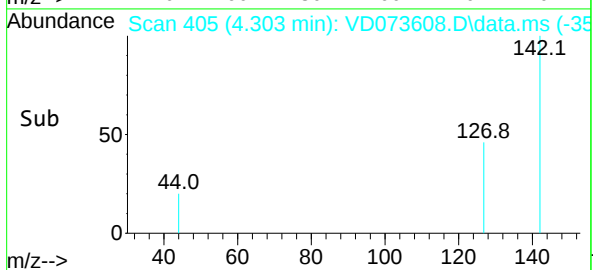
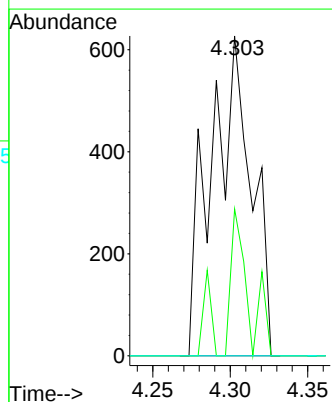
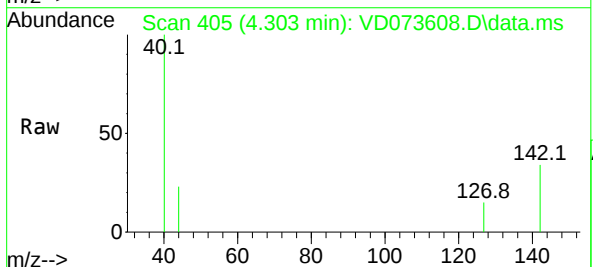
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

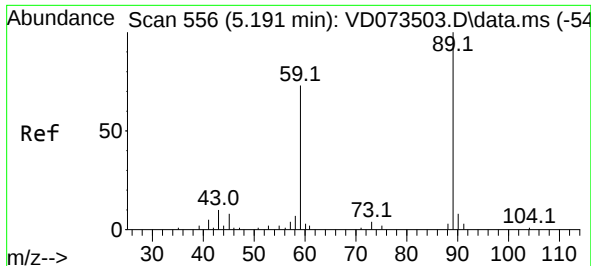
Tgt Ion:168 Resp: 300301
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#10
Methyl Iodide
Concen: 4.454 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Tgt Ion:142 Resp: 1135
Ion Ratio Lower Upper
142 100
127 19.8 37.3 55.9#
141 0.0 11.7 17.5#

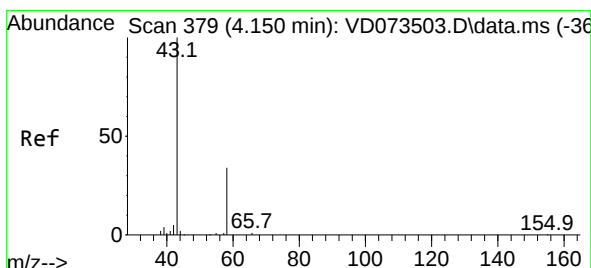
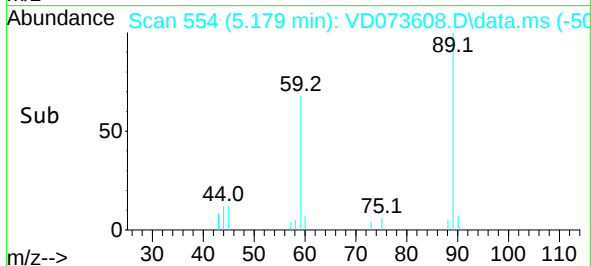
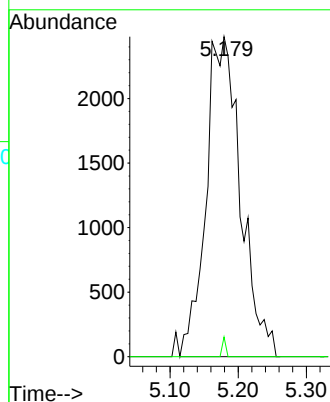
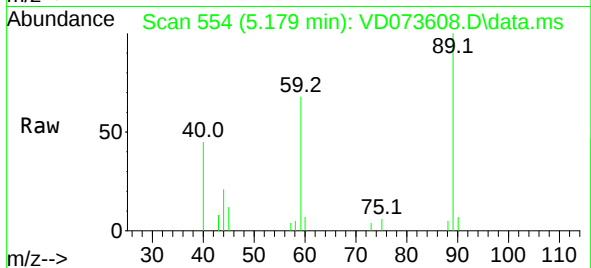




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

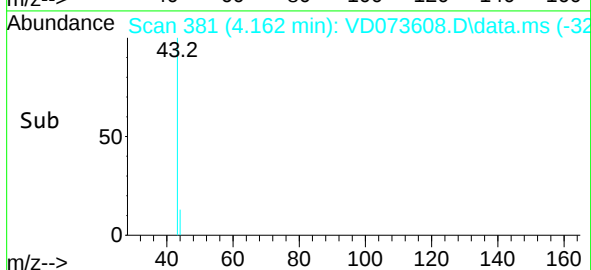
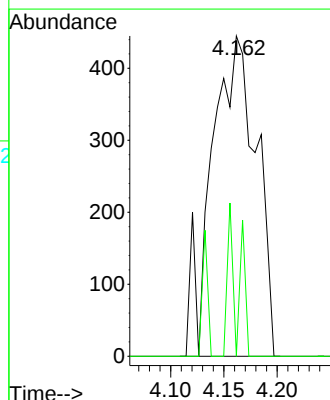
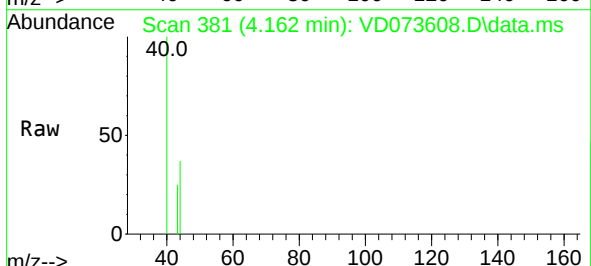
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

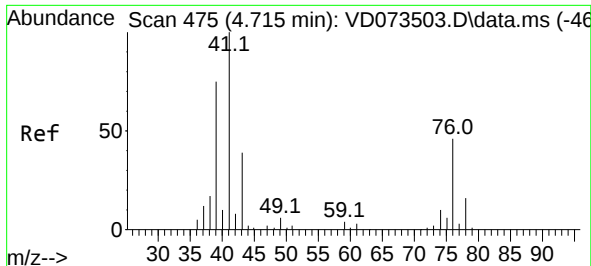
Tgt Ion: 59 Resp: 8752
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#



#16
Acetone
Concen: 2.286 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

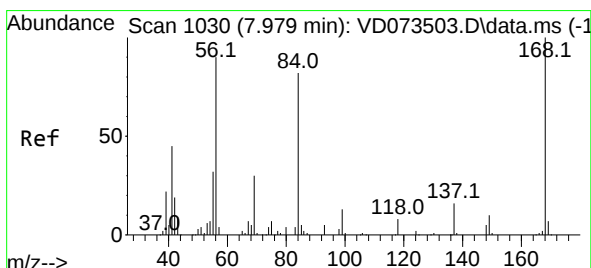
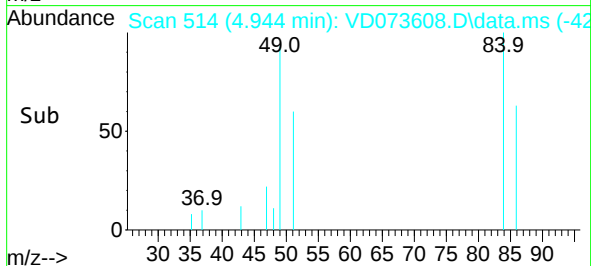
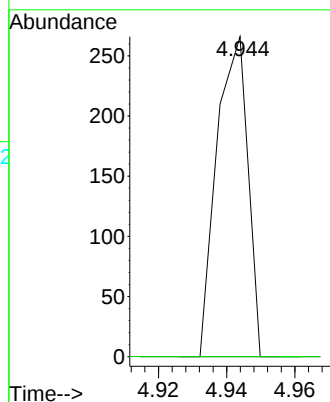
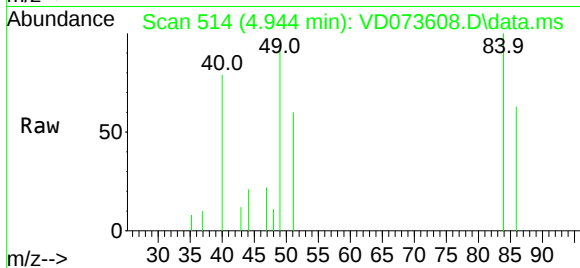




#18
Methyl Acetate
Concen: 1.471 ug/l
RT: 4.944 min Scan# 51
Delta R.T. 0.229 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

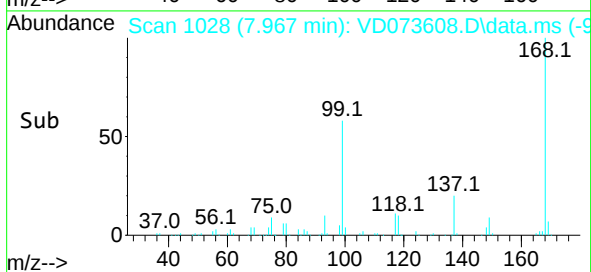
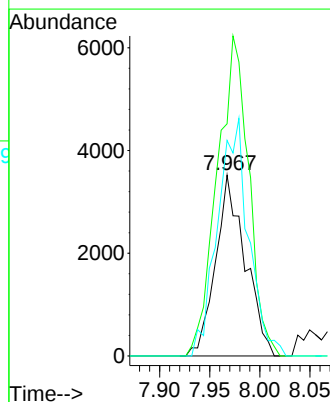
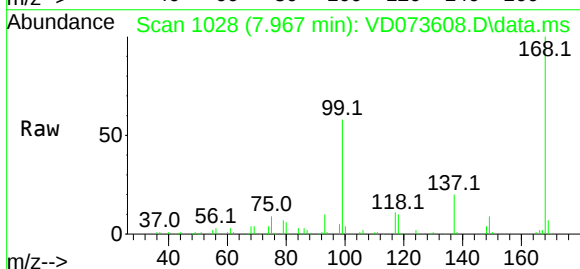
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

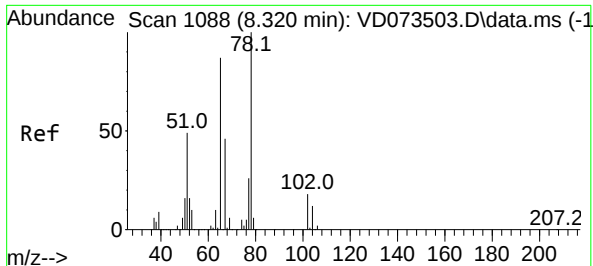
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Tgt Ion: 56 Resp: 7235
Ion Ratio Lower Upper
56 100
69 128.4 25.4 38.2#
84 119.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 55.833 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073608.D

Acq: 16 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

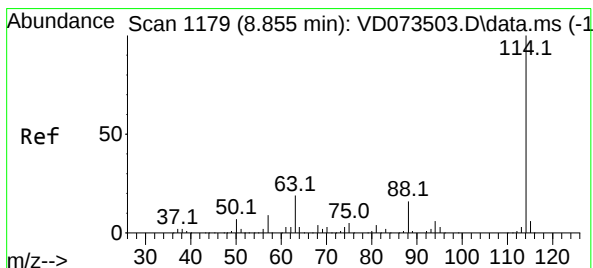
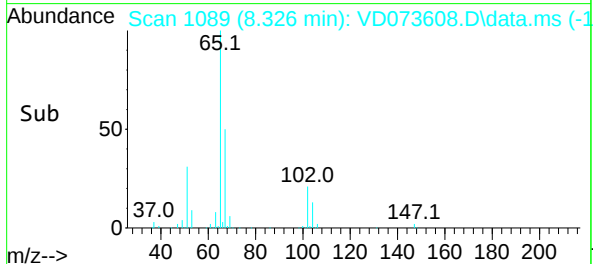
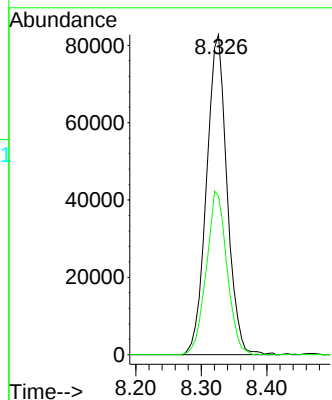
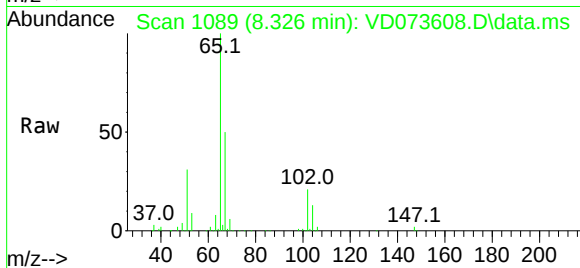
VD0616SBL01

Tgt Ion: 65 Resp: 179930

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073608.D

Acq: 16 Jun 2022 10:44

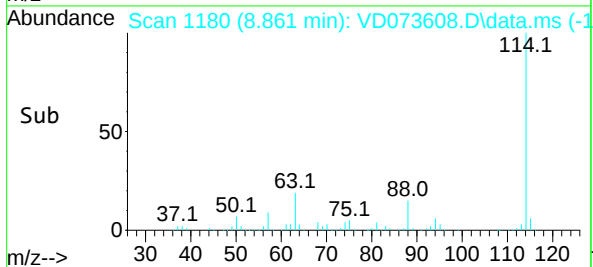
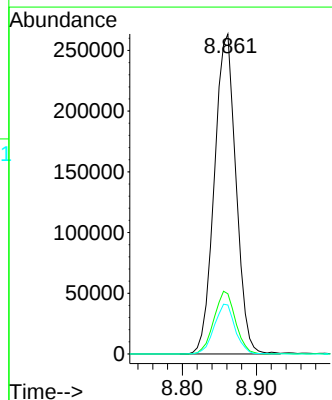
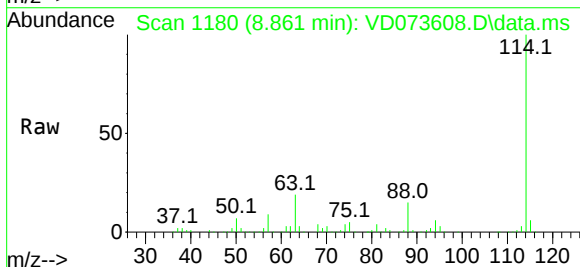
Tgt Ion: 114 Resp: 533777

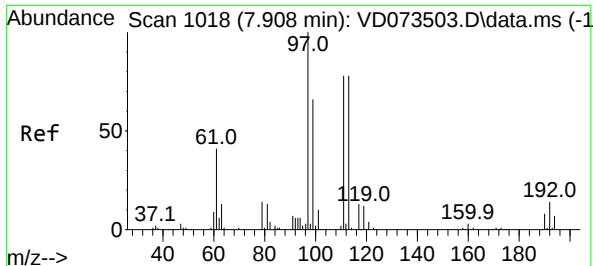
Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.555 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073608.D

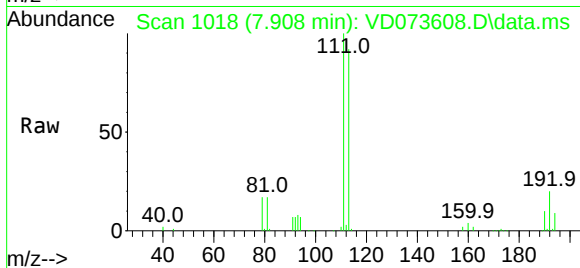
Acq: 16 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

VD0616SBL01



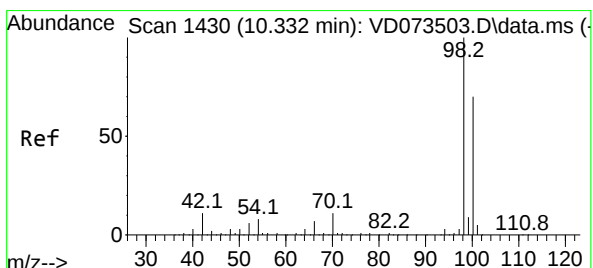
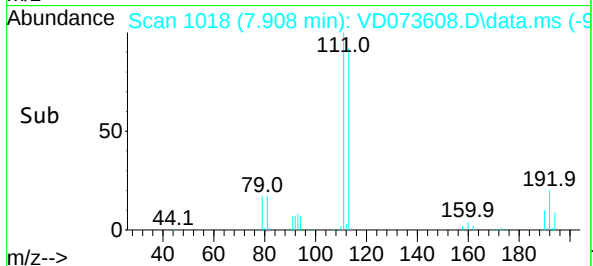
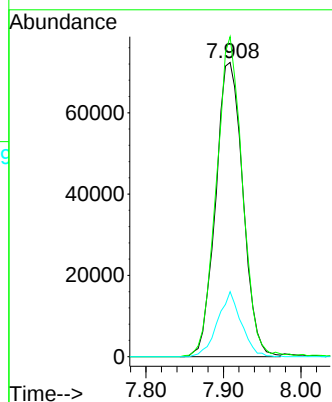
Tgt Ion:113 Resp: 176956

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 19.2 14.6 21.8



#50

Toluene-d8

Concen: 48.270 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073608.D

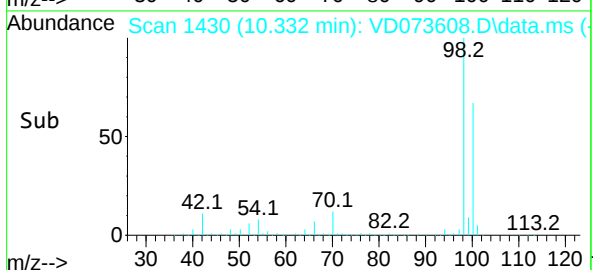
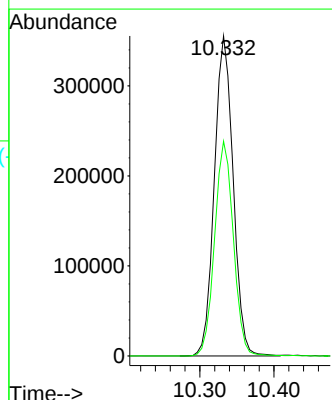
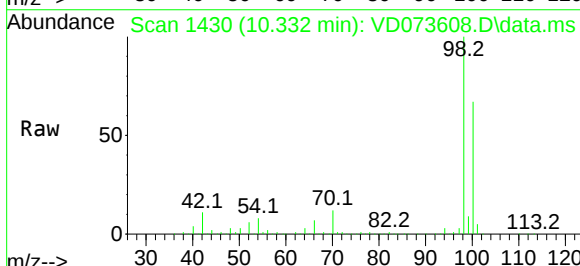
Acq: 16 Jun 2022 10:44

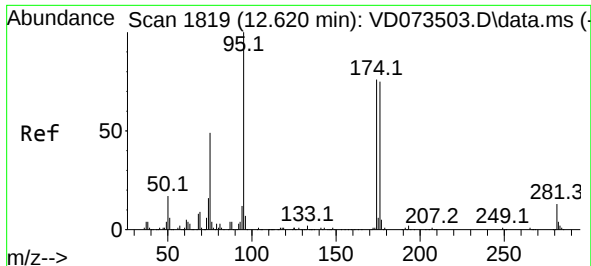
Tgt Ion: 98 Resp: 626426

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

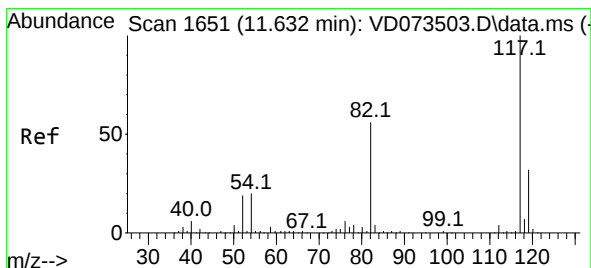
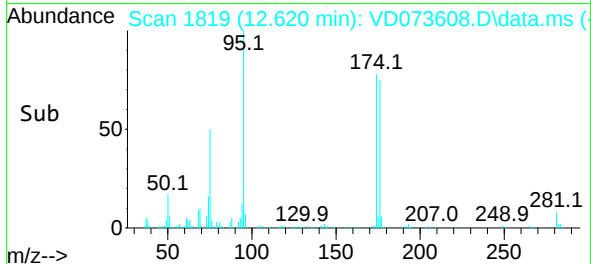
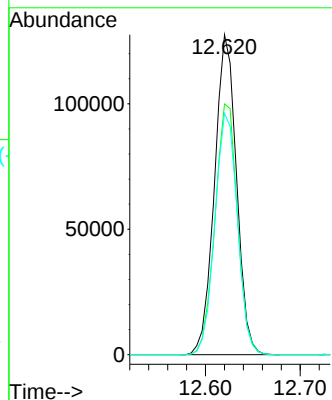
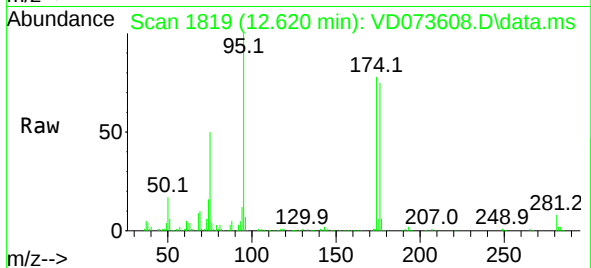




#62
4-Bromofluorobenzene
Concen: 43.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

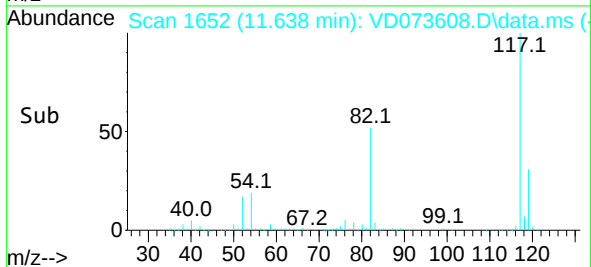
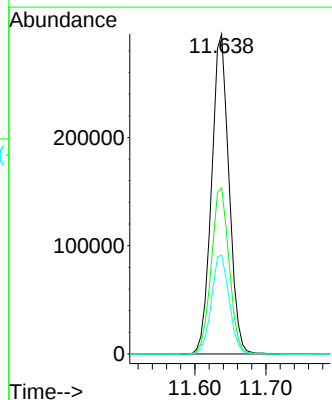
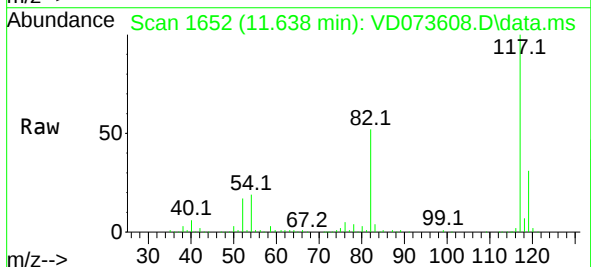
Instrument :
MSVOA_D
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VD0616SBL01

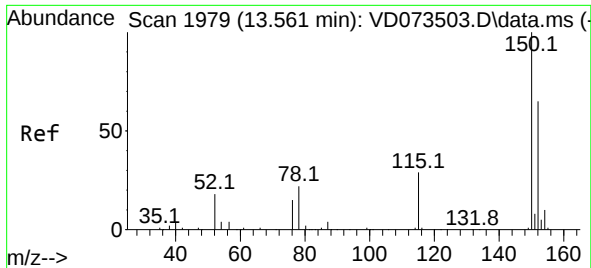
Tgt Ion: 95 Resp: 205558
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 77.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Tgt Ion: 117 Resp: 502184
Ion Ratio Lower Upper
117 100
82 51.8 45.3 67.9
119 30.9 26.6 40.0

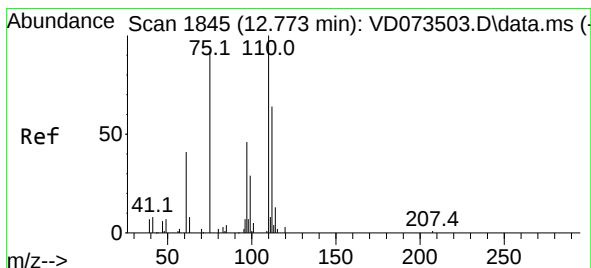
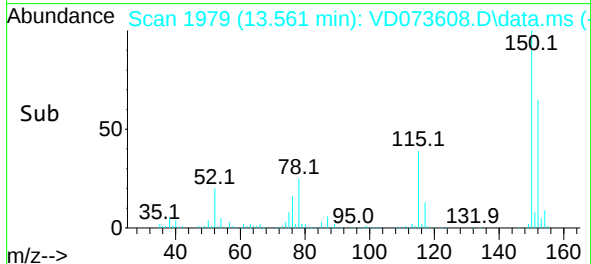
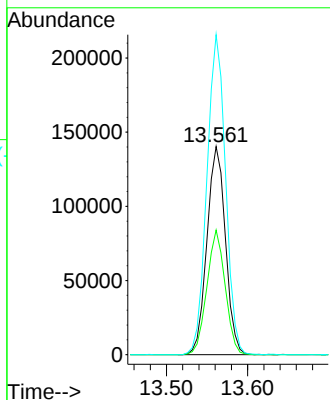
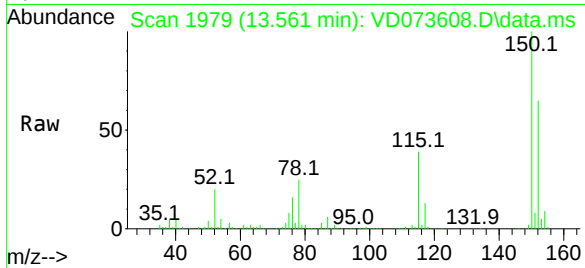




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073608.D
 Acq: 16 Jun 2022 10:44

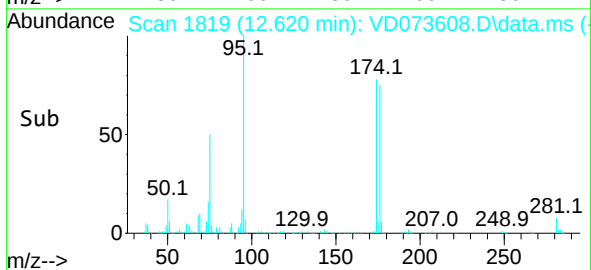
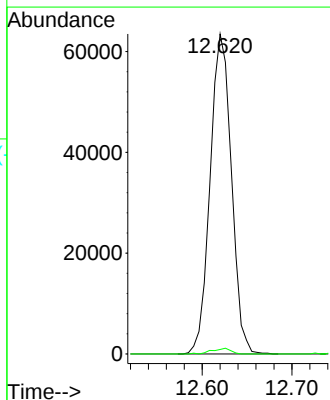
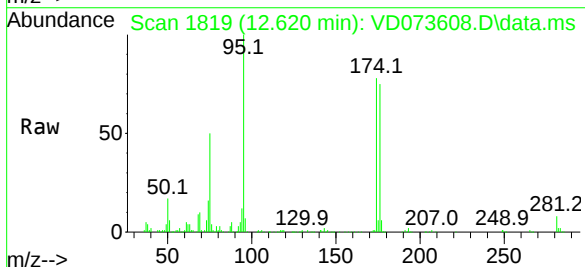
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0616SBL01

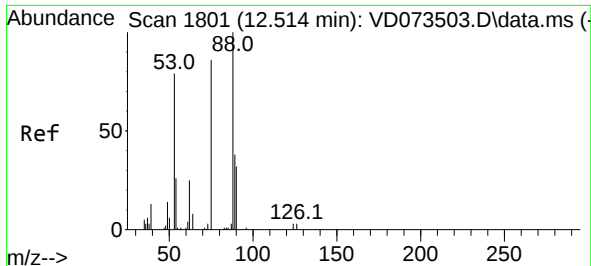
Tgt Ion:152 Resp: 222345
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 154.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.413 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073608.D
 Acq: 16 Jun 2022 10:44

Tgt Ion: 75 Resp: 104572
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

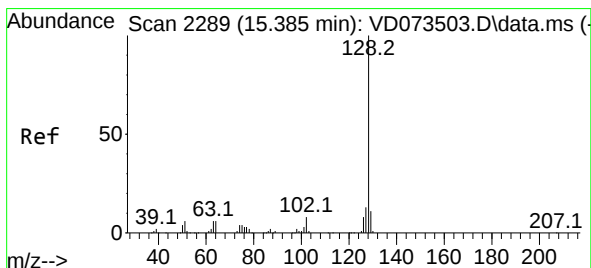
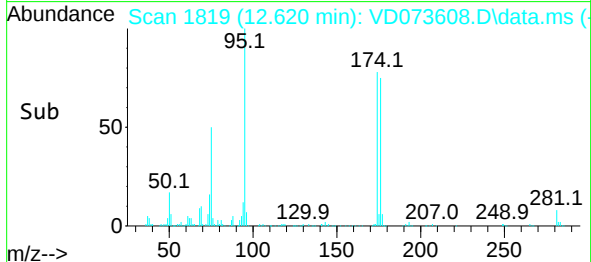
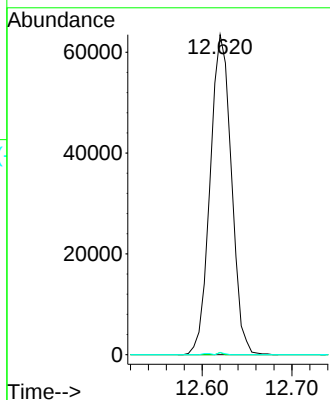
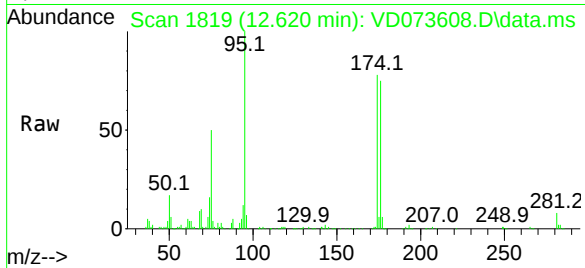




#81
trans-1,4-Dichloro-2-butene
Concen: 113.633 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

Tgt Ion: 75 Resp: 104572
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 4.268 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD073608.D
Acq: 16 Jun 2022 10:44

Tgt Ion: 128 Resp: 567
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 0.0 8.4 12.6#

