

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073551.D
 Acq On : 13 Jun 2022 17:40
 Operator : VA/SY
 Sample : N3302-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 I-2

Quant Time: Jun 14 01:29:09 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)

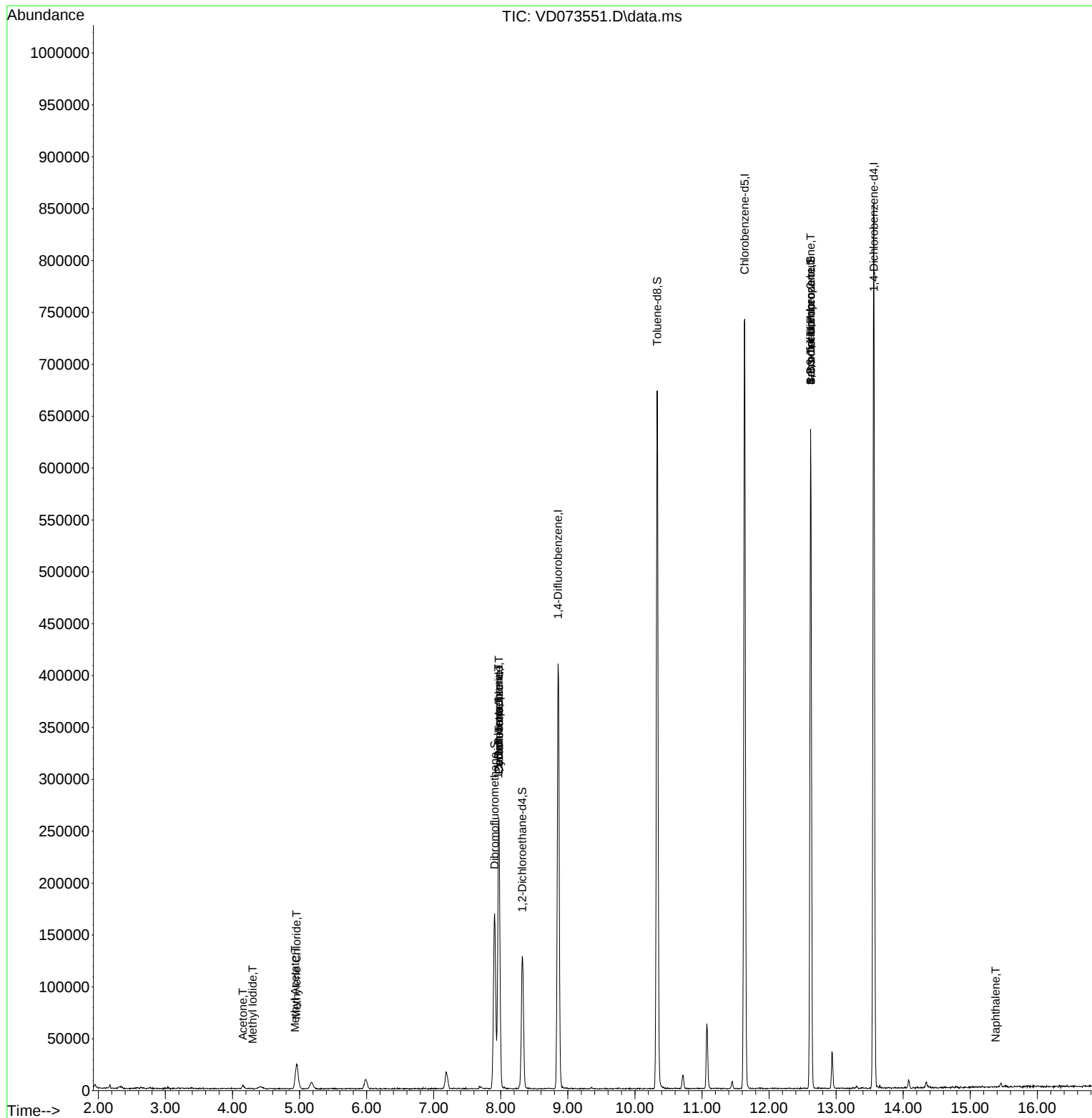
Internal Standards						
1) Pentafluorobenzene	7.973	168	189812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	358174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	444583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	107849	52.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.908	113	122312	53.105	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.332	98	462177	53.074	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.620	95	208993	66.110	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 132.220%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	53	4.194	ug/l #	38
11) Tert butyl alcohol	5.185	59	5952	Below Cal	#	74
16) Acetone	4.156	43	4884	13.618	ug/l #	83
18) Methyl Acetate	4.932	43	125	1.489	ug/l #	55
20) Methylene Chloride	4.956	84	18528	5.325	ug/l	86
31) Cyclohexane	7.973	56	4365	1.272	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	15306	4.425	ug/l #	49
38) Carbon Tetrachloride	7.973	117	19905	5.501	ug/l #	15
71) Bromoform	12.620	173	2031	1.070	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	104169	47.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	104169	112.091	ug/l #	7
95) Naphthalene	15.379	128	54	4.210	ug/l #	70

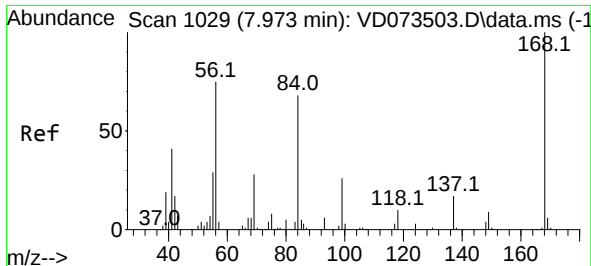
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
Data File : VD073551.D
Acq On : 13 Jun 2022 17:40
Operator : VA/SY
Sample : N3302-02
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
I-2

Quant Time: Jun 14 01:29:09 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

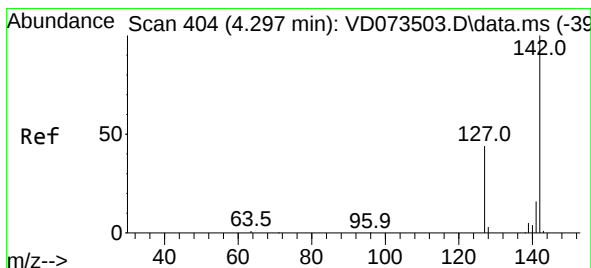
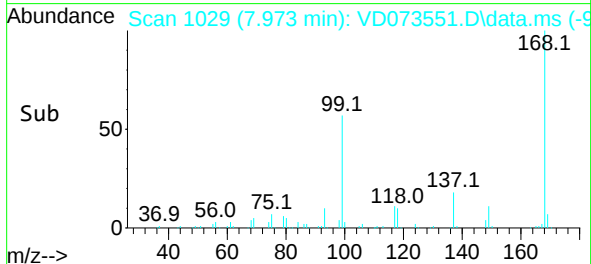
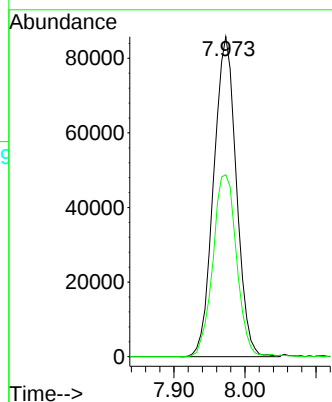
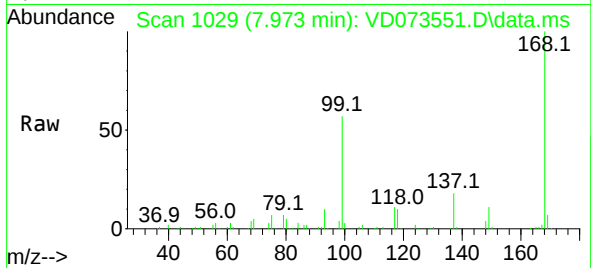




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

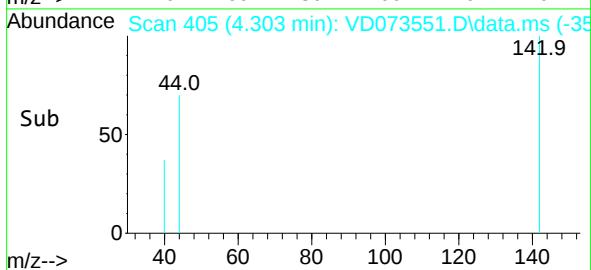
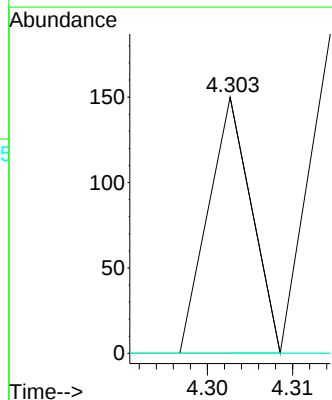
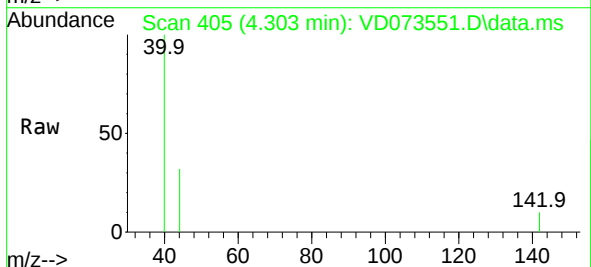
Instrument :
MSVOA_D
ClientSampleId :
I-2

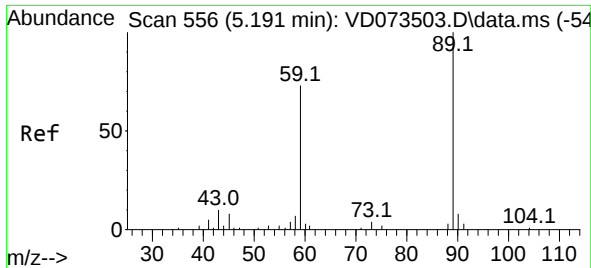
Tgt Ion:168 Resp: 189812
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.194 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

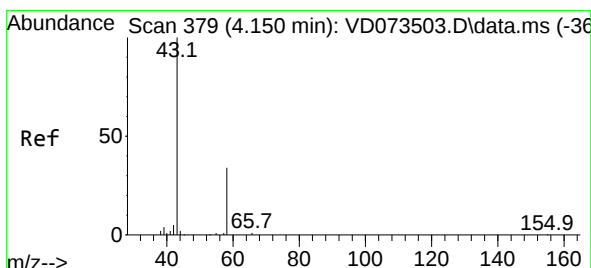
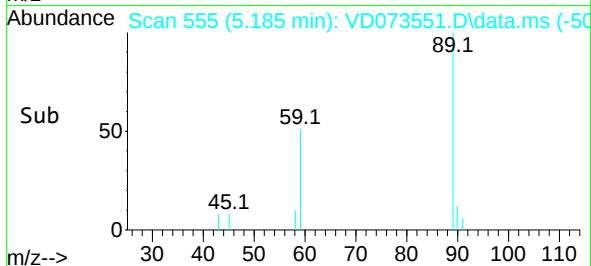
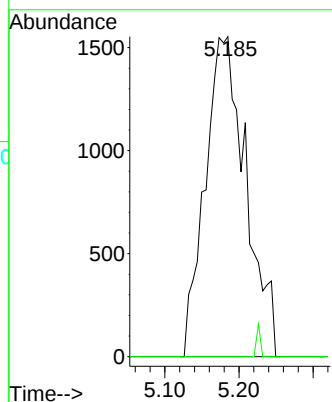
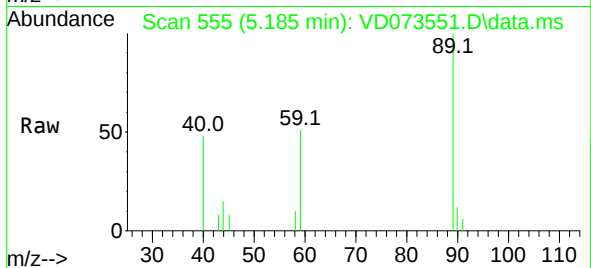




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

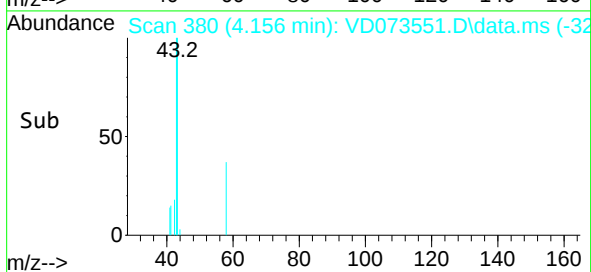
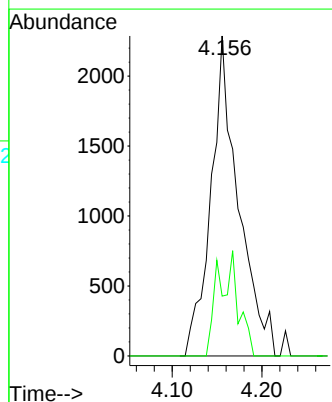
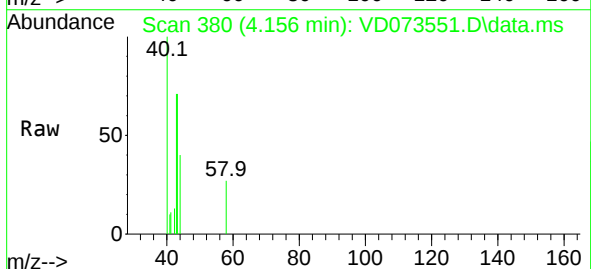
Instrument :
MSVOA_D
ClientSampleId :
I-2

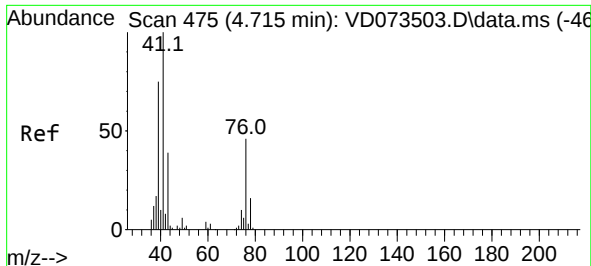
Tgt Ion: 59 Resp: 5952
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 13.618 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 18.7 22.1 33.1#





#18

Methyl Acetate

Concen: 1.489 ug/l

RT: 4.932 min Scan# 512

Delta R.T. 0.217 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

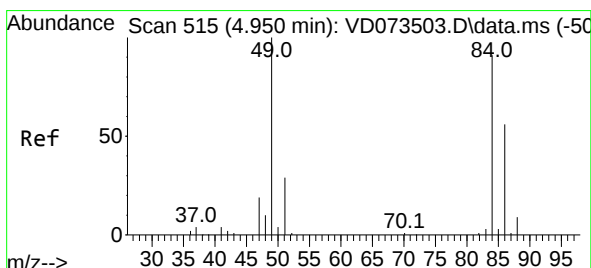
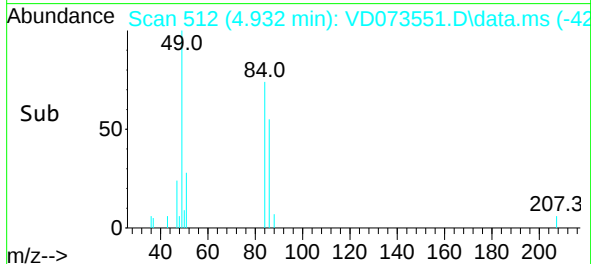
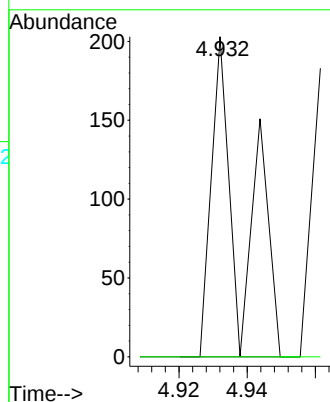
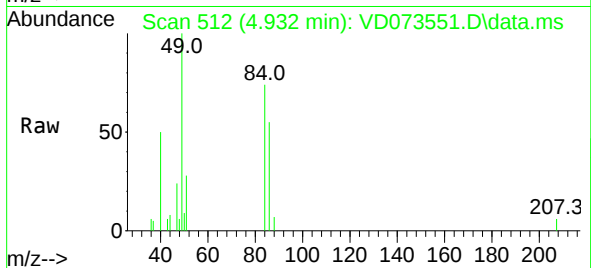
I-2

Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 5.325 ug/l

RT: 4.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

Tgt Ion: 84 Resp: 18528

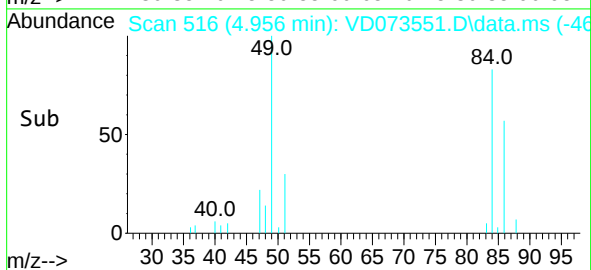
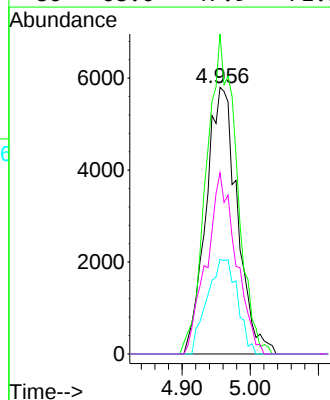
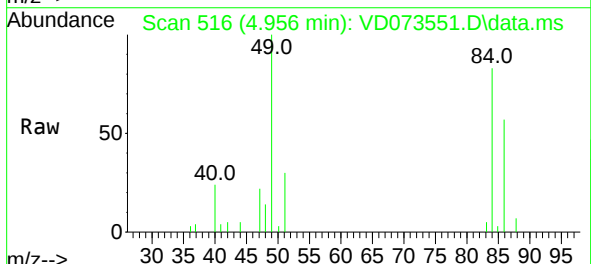
Ion Ratio Lower Upper

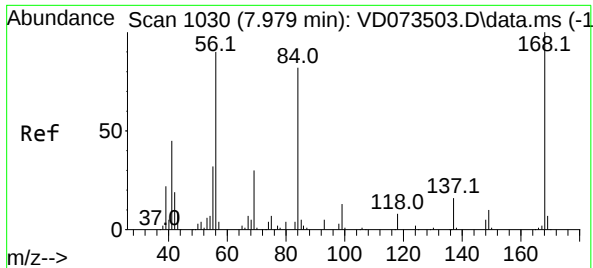
84 100

49 120.1 112.8 169.2

51 35.5 32.6 48.8

86 68.0 47.9 71.9

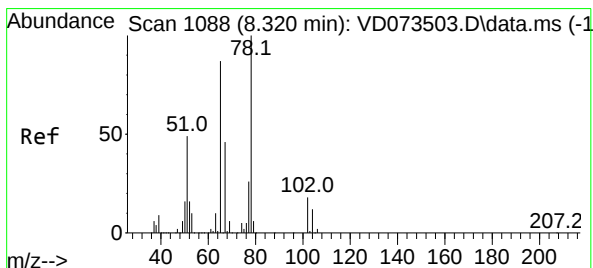
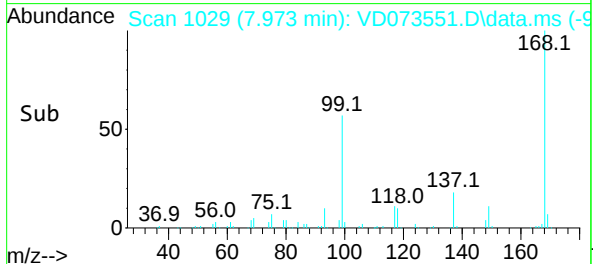
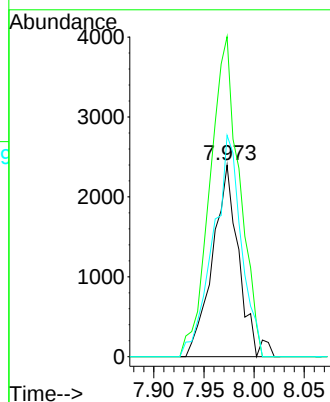
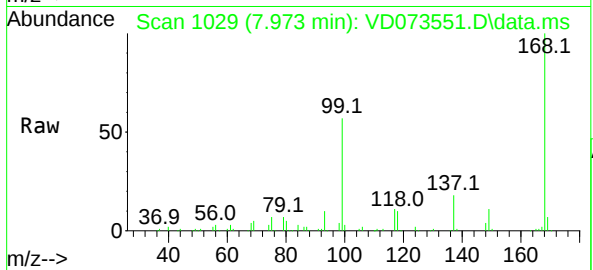




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

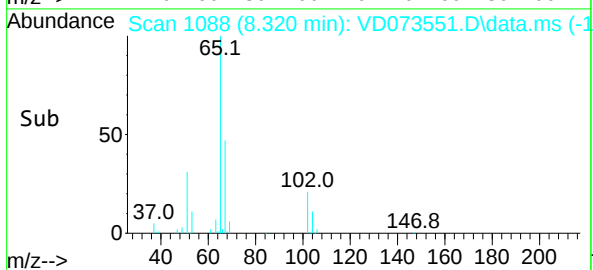
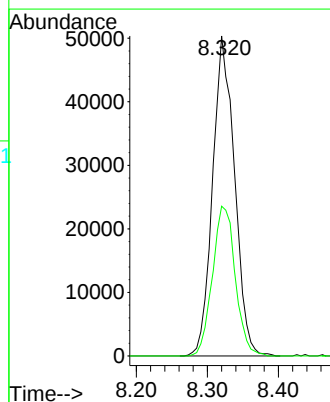
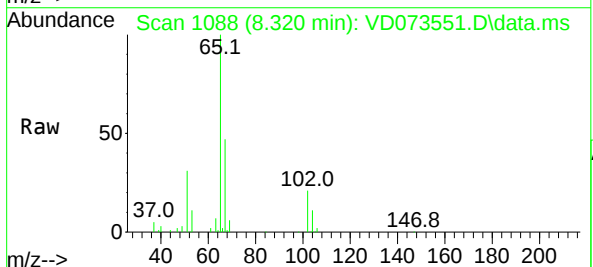
Instrument :
MSVOA_D
ClientSampleId :
I-2

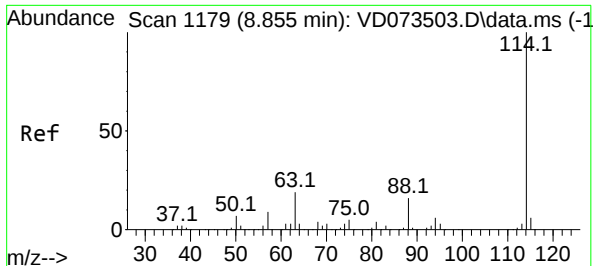
Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 167.1 25.4 38.2#
84 115.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.947 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion: 65 Resp: 107849
Ion Ratio Lower Upper
65 100
67 48.7 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: VD073551.D

Acq: 13 Jun 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

I-2

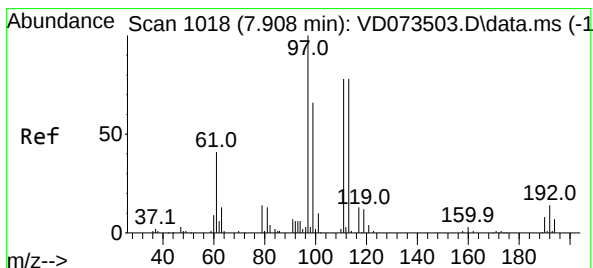
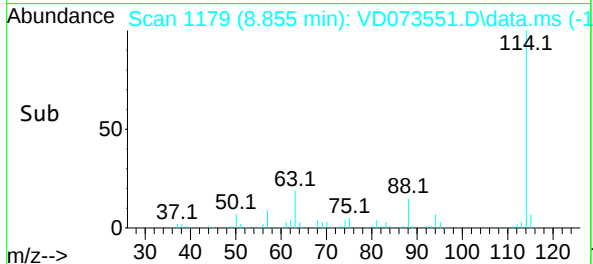
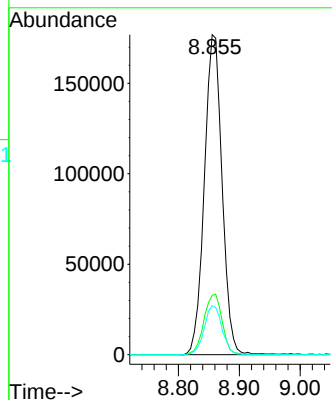
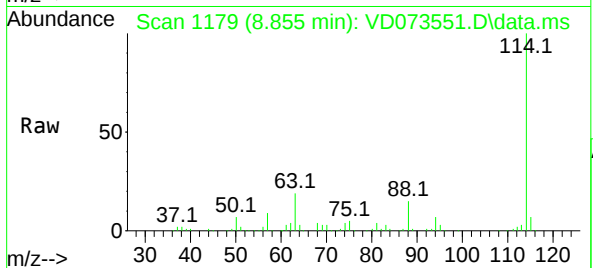
Tgt Ion:114 Resp: 358174

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.105 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

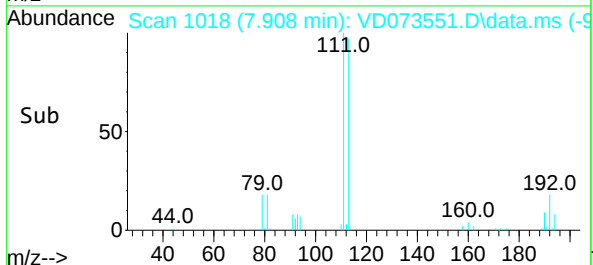
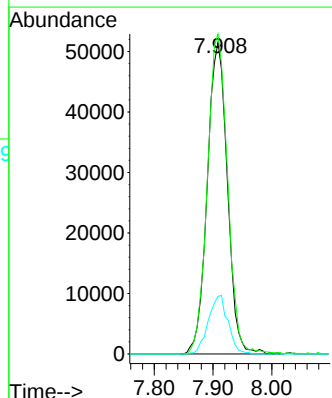
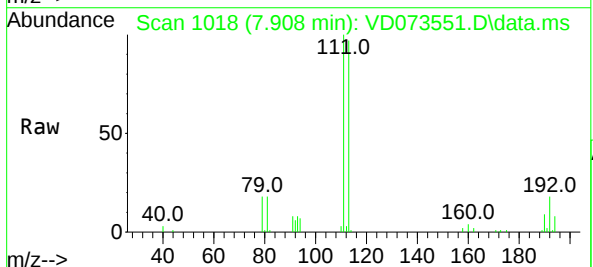
Tgt Ion:113 Resp: 122312

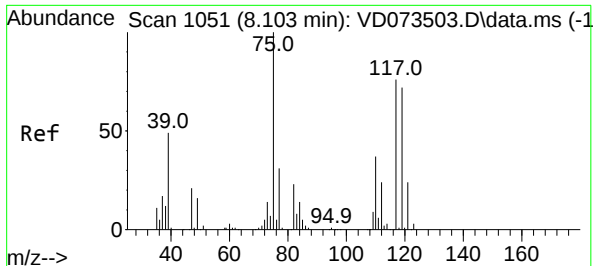
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.425 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

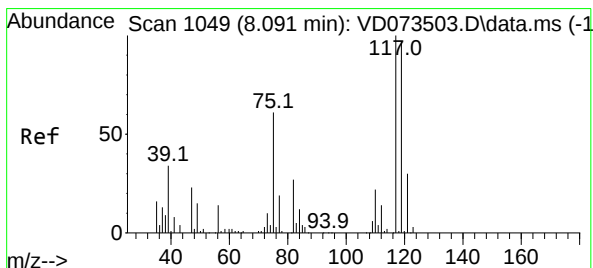
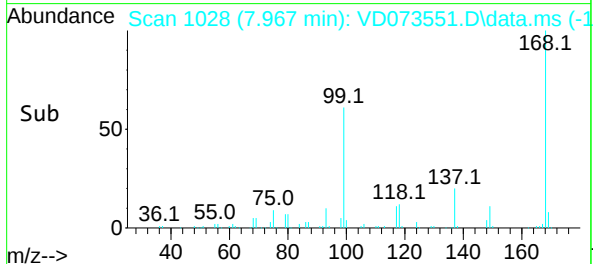
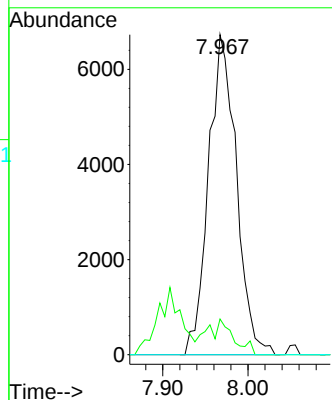
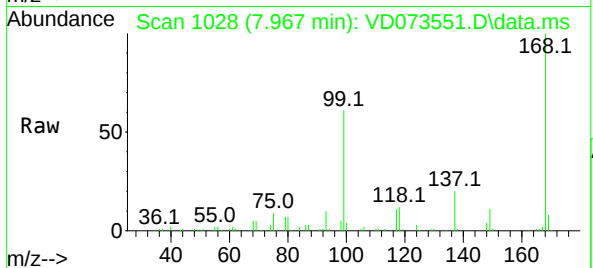
Instrument :

MSVOA_D

ClientSampleId :

I-2

Tgt Ion: 75	Resp: 15306
Ion Ratio	Lower Upper
75	100
110	6.3 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.501 ug/l

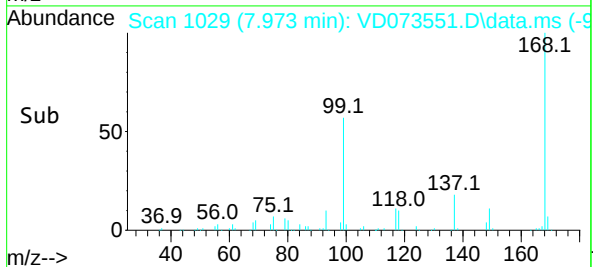
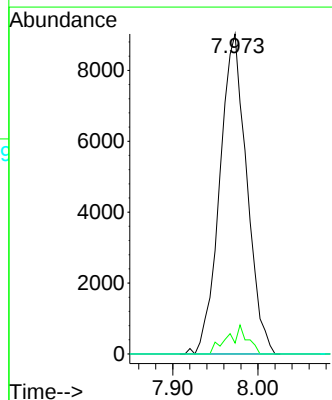
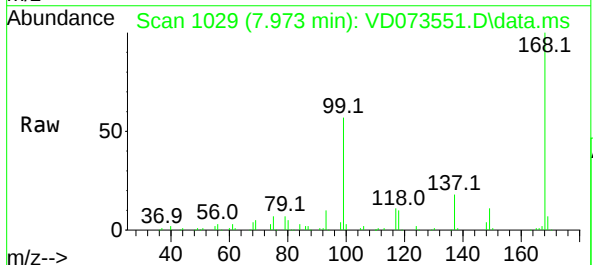
RT: 7.973 min Scan# 1029

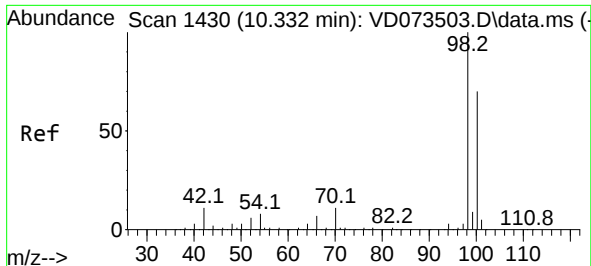
Delta R.T. -0.118 min

Lab File: VD073551.D

Acq: 13 Jun 2022 17:40

Tgt Ion: 117	Resp: 19905
Ion Ratio	Lower Upper
117	100
119	3.4 75.8 113.6#
121	0.0 24.5 36.7#

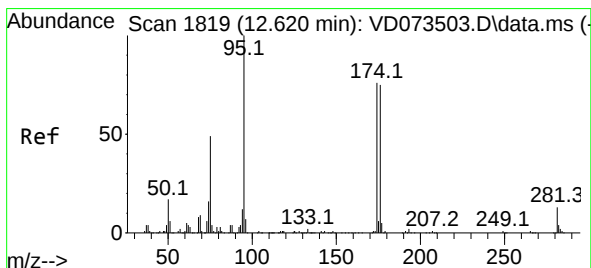
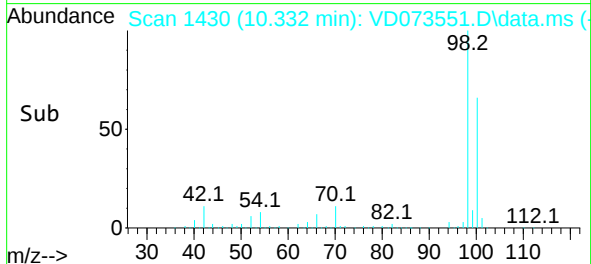
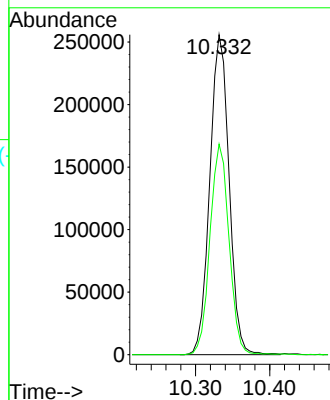
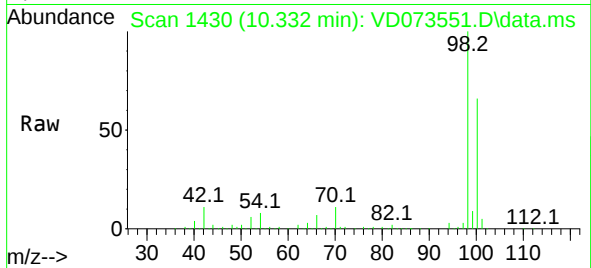




#50
Toluene-d8
Concen: 53.074 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

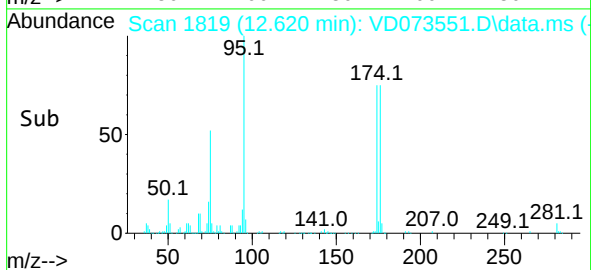
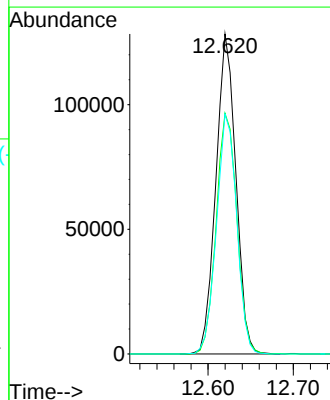
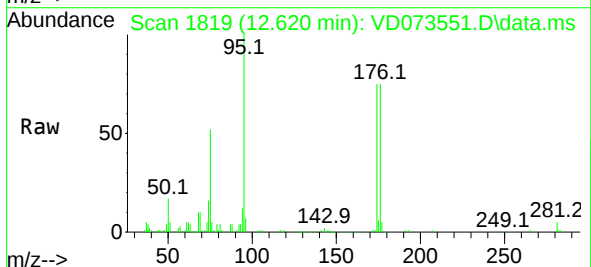
Instrument :
MSVOA_D
ClientSampleId :
I-2

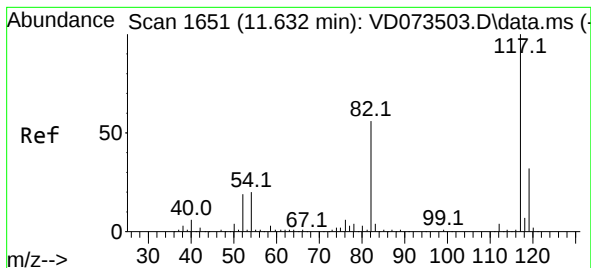
Tgt Ion: 98 Resp: 462177
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 66.110 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion: 95 Resp: 208993
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.7 0.0 145.4

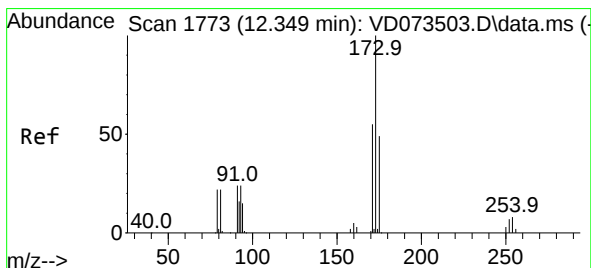
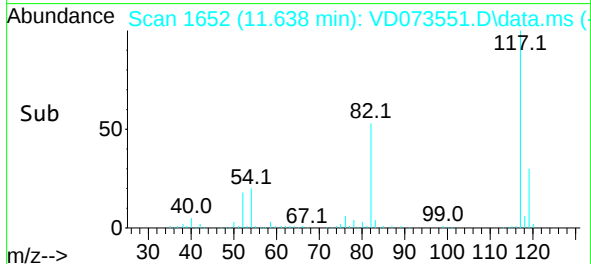
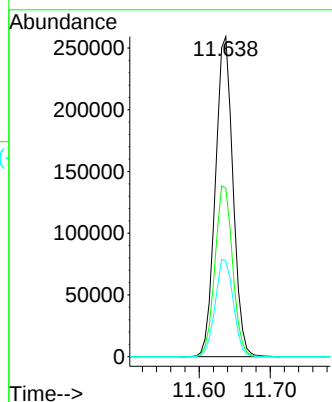
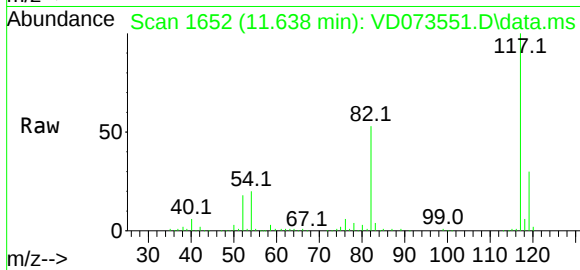




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

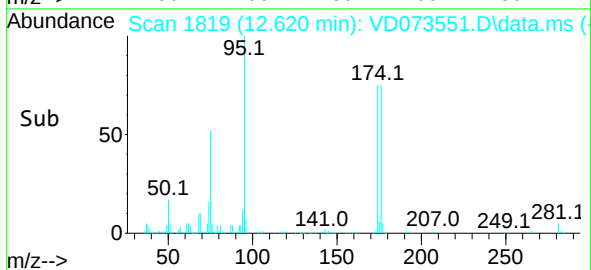
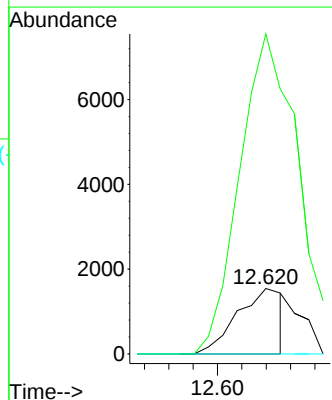
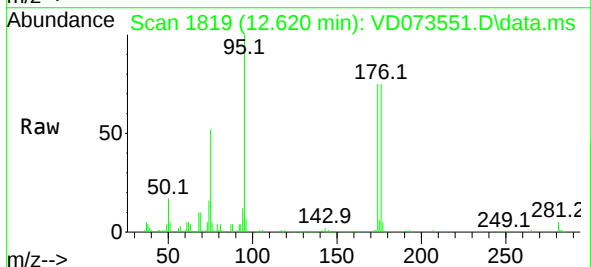
Instrument :
MSVOA_D
ClientSampleId :
I-2

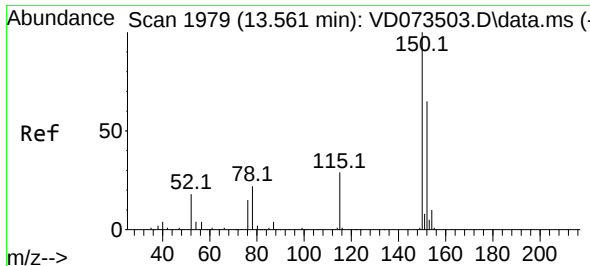
Tgt Ion:117 Resp: 444583
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 29.9 26.6 40.0



#71
Bromoform
Concen: 1.070 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion:173 Resp: 2031
Ion Ratio Lower Upper
173 100
175 450.9 23.9 71.8#
254 0.0 0.0 0.0

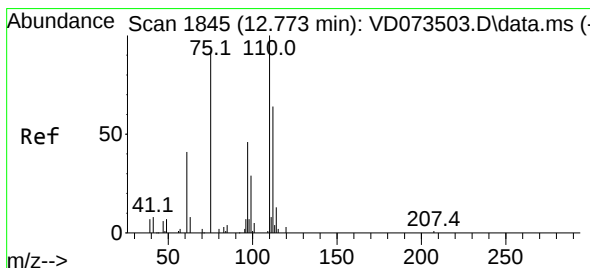
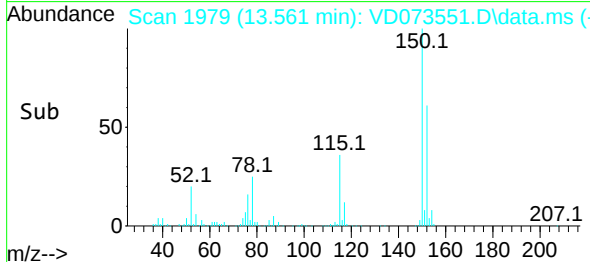
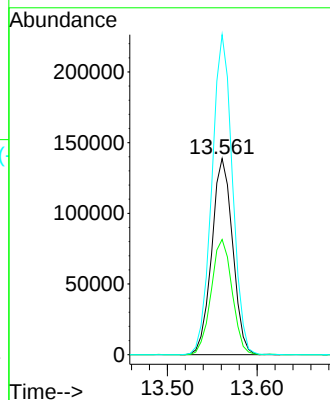
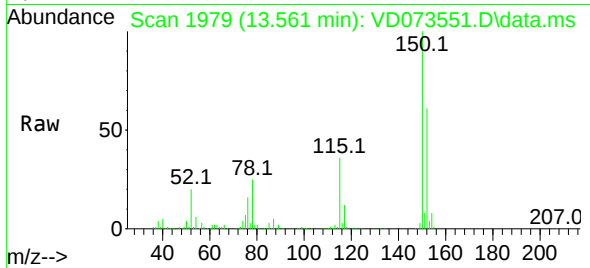




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073551.D
 Acq: 13 Jun 2022 17:40

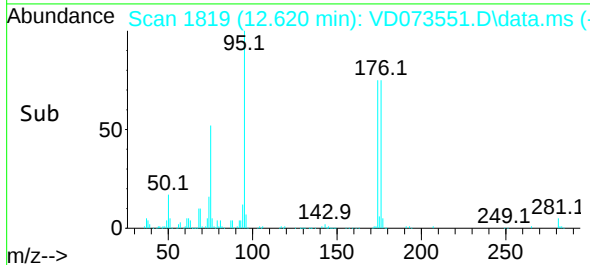
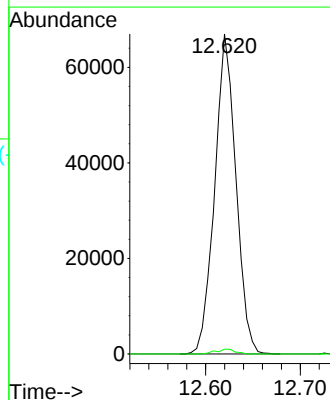
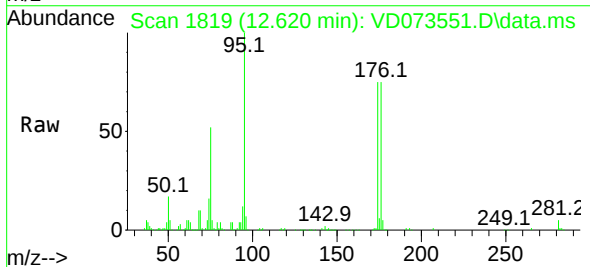
Instrument :
 MSVOA_D
 ClientSampleId :
 I-2

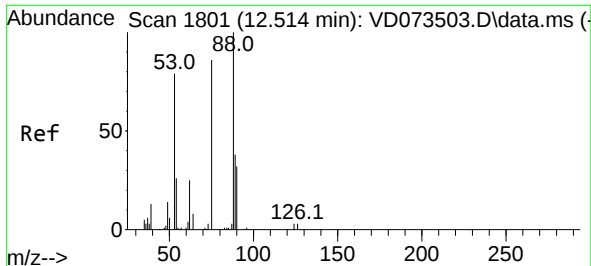
Tgt Ion:152 Resp: 224536
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 160.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.756 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073551.D
 Acq: 13 Jun 2022 17:40

Tgt Ion: 75 Resp: 104169
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

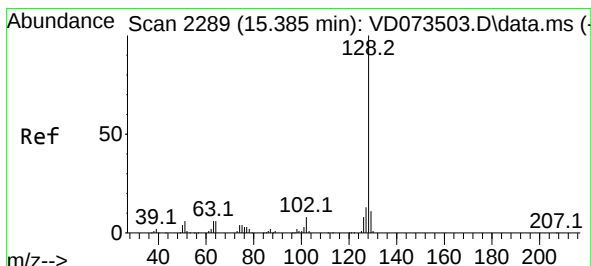
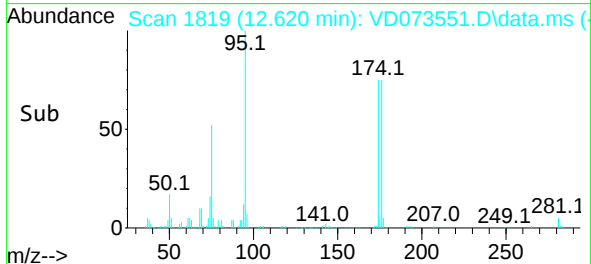
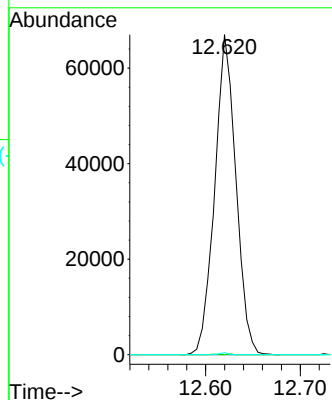
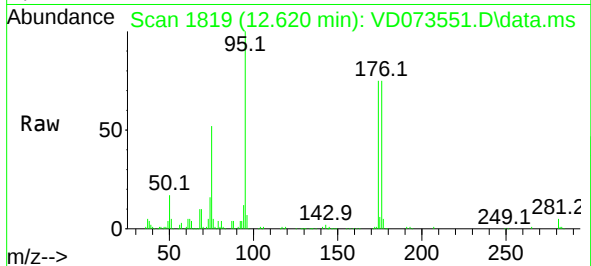




#81
trans-1,4-Dichloro-2-butene
Concen: 112.091 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Instrument :
MSVOA_D
ClientSampleId :
I-2

Tgt Ion: 75 Resp: 104169
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 4.210 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073551.D
Acq: 13 Jun 2022 17:40

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

