

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073957.D
 Acq On : 04 Aug 2022 17:08
 Operator : VA/SY
 Sample : N3962-10
 Misc : 3.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

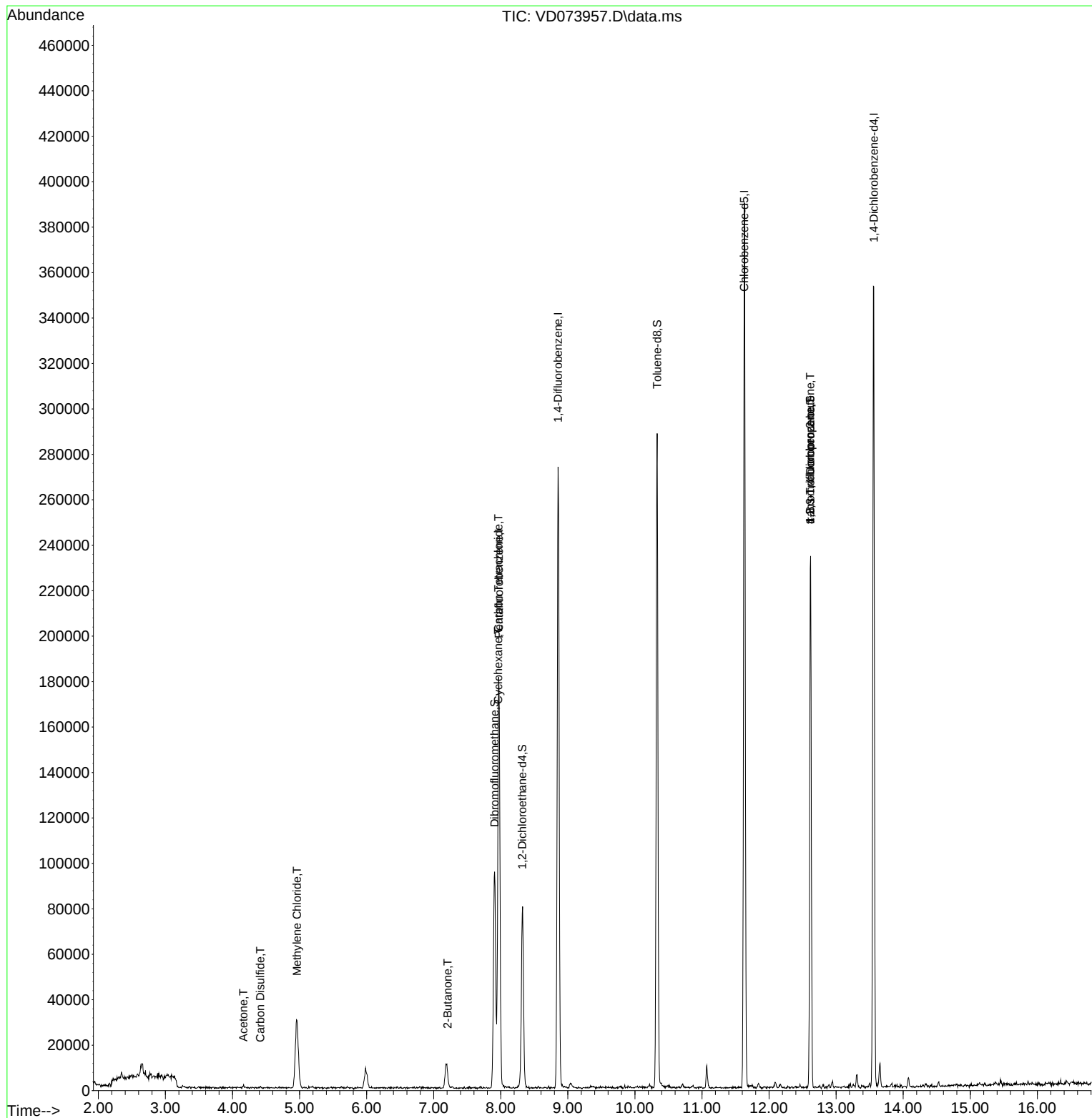
Internal Standards						
1) Pentafluorobenzene	7.973	168	133089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	229803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62124	57.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.908	113	65898	46.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.332	98	194747	40.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.980%
62) 4-Bromofluorobenzene	12.614	95	72180	40.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	157	Below Cal	#	43
11) Tert butyl alcohol	5.209	59	232	Below Cal	#	75
16) Acetone	4.162	43	1229	13.995	ug/l #	46
17) Carbon Disulfide	4.414	76	493	1.900	ug/l #	75
18) Methyl Acetate	4.744	43	60	Below Cal	#	48
20) Methylene Chloride	4.961	84	23738	4.061	ug/l	96
25) 2-Butanone	7.208	43	1336	4.113	ug/l #	46
31) Cyclohexane	7.961	56	3724	1.807	ug/l #	54
38) Carbon Tetrachloride	7.967	117	14419	6.330	ug/l #	15
76) 1,2,3-Trichloropropane	12.614	75	39439	57.083	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	39439	122.476	ug/l #	13

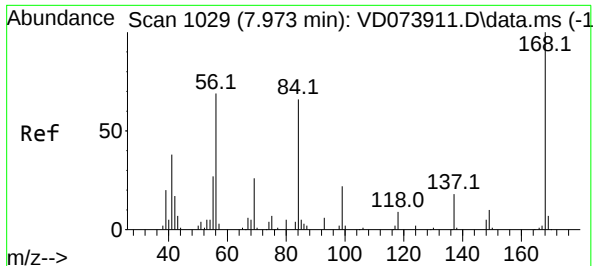
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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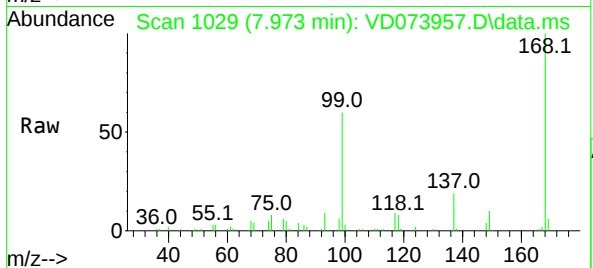
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



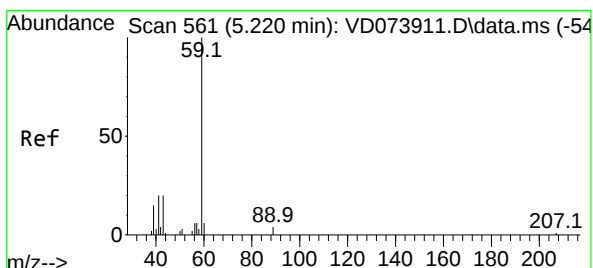
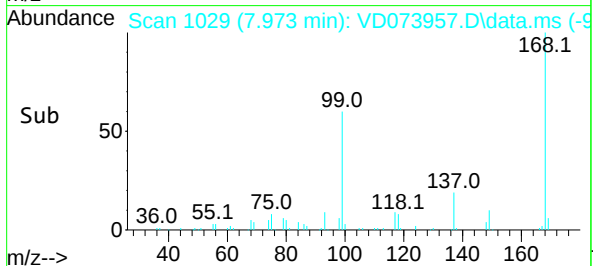
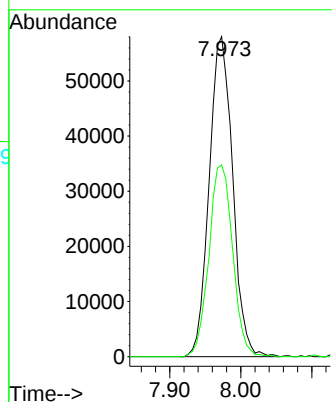


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

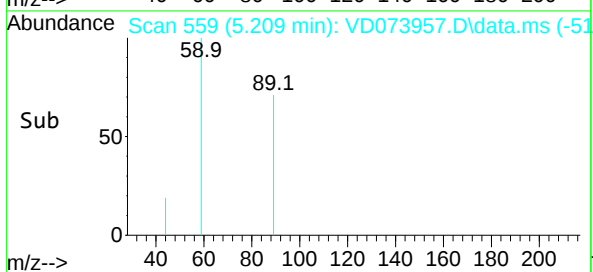
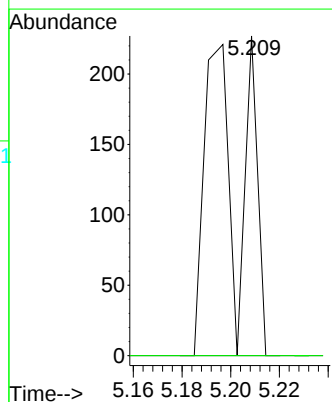
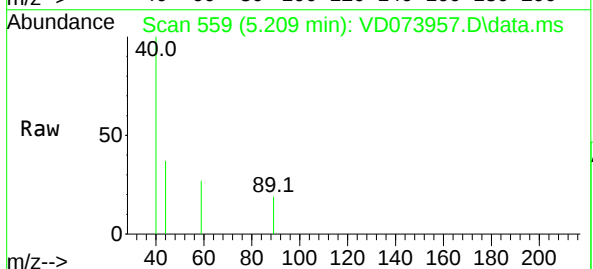


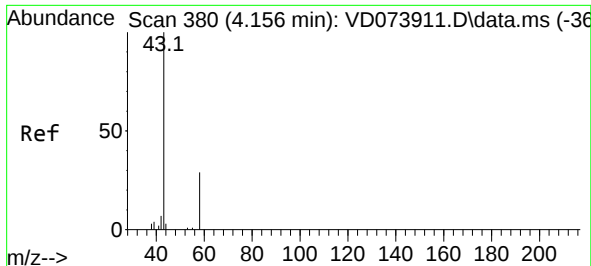
Tgt Ion:168 Resp: 133089
Ion Ratio Lower Upper
168 100
99 59.9 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

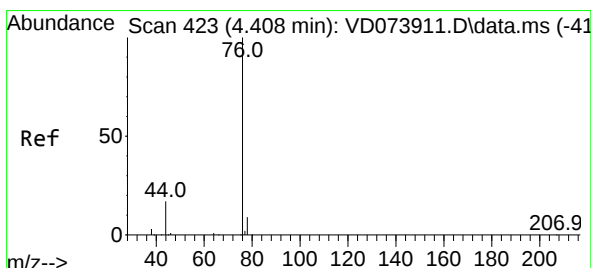
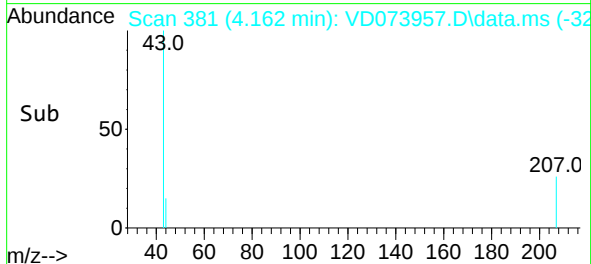
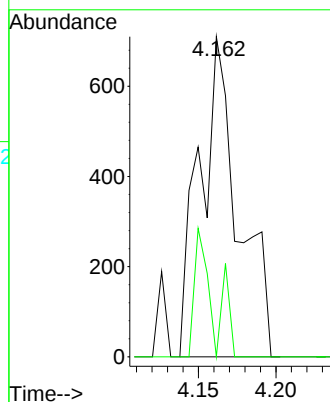
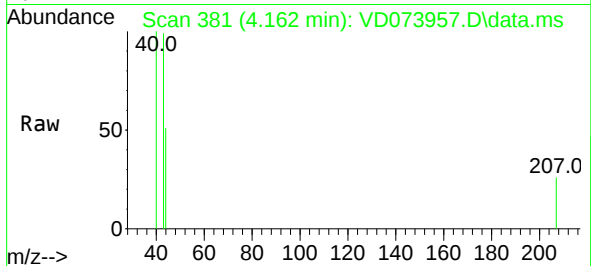




#16
Acetone
Concen: 13.995 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

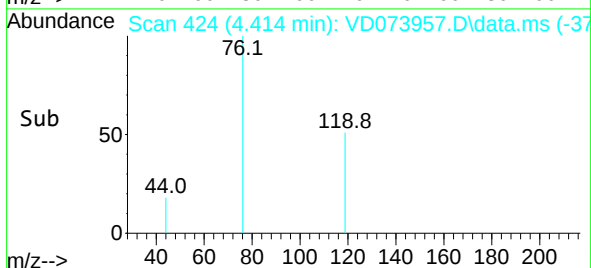
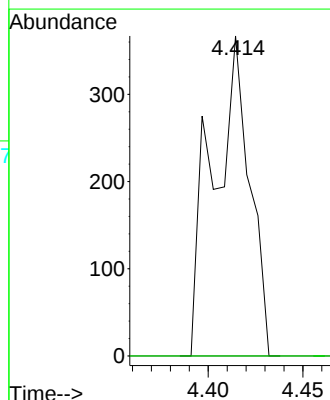
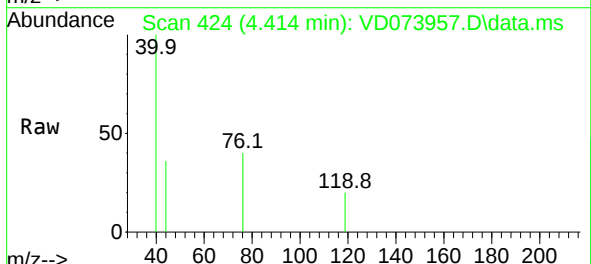
Instrument :
MSVOA_D
ClientSampleId :

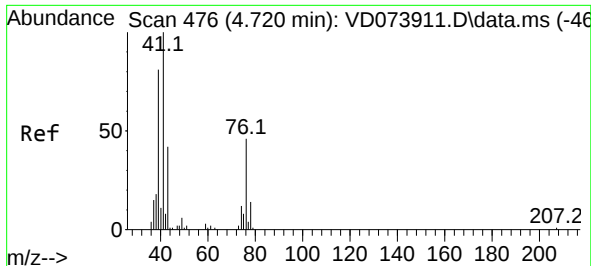
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#17
Carbon Disulfide
Concen: 1.900 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

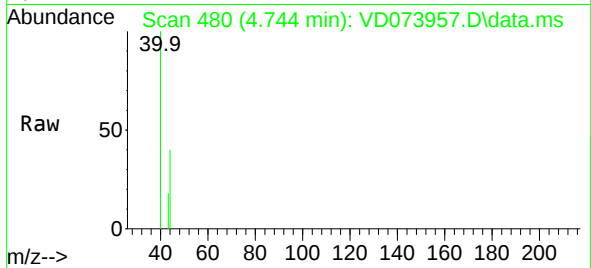
Tgt Ion: 76 Resp: 493
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



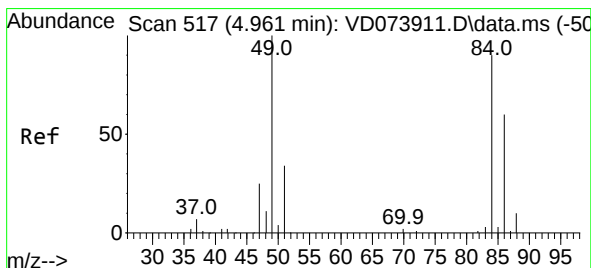
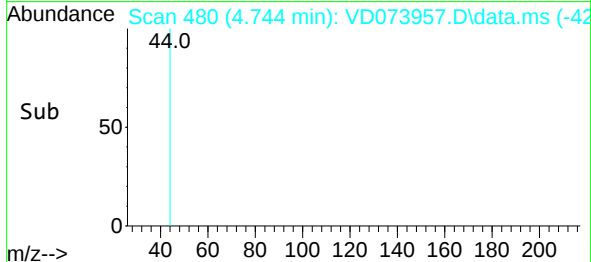
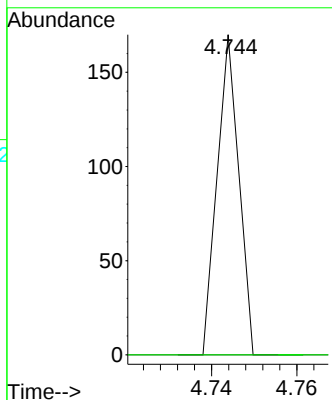


#18
Methyl Acetate
Concen: Below Cal
RT: 4.744 min Scan# 41
Delta R.T. 0.024 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

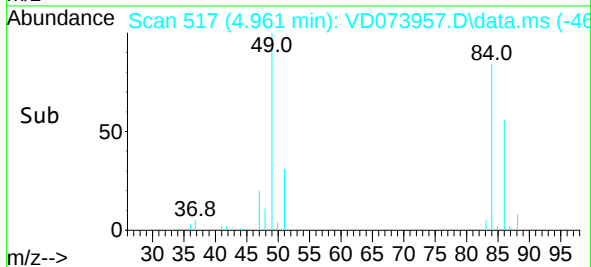
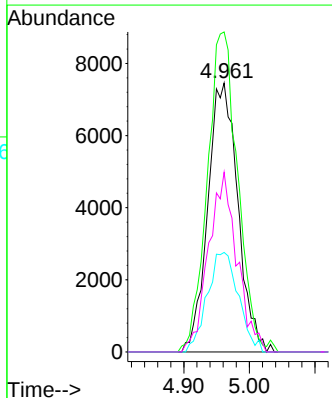
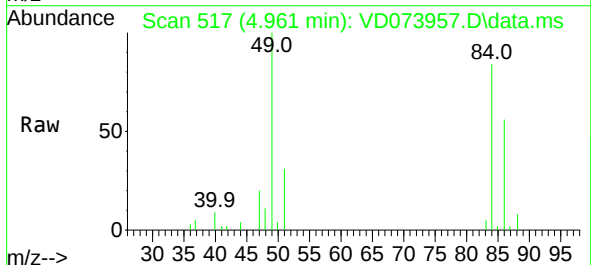


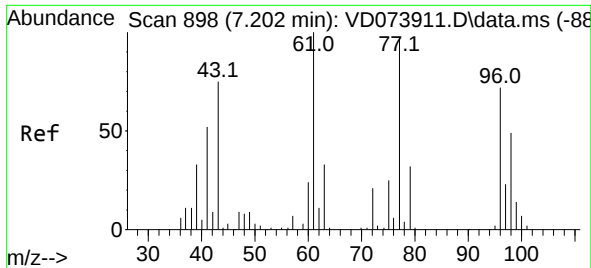
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 4.061 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 84 Resp: 23738
Ion Ratio Lower Upper
84 100
49 119.0 89.1 133.7
51 37.0 29.8 44.8
86 66.8 53.4 80.0

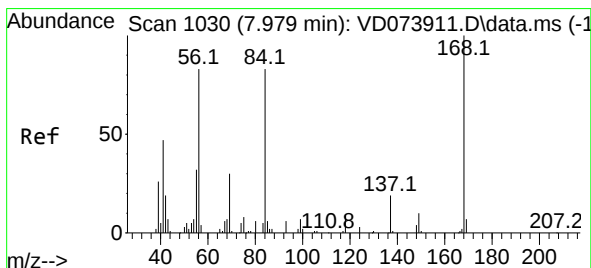
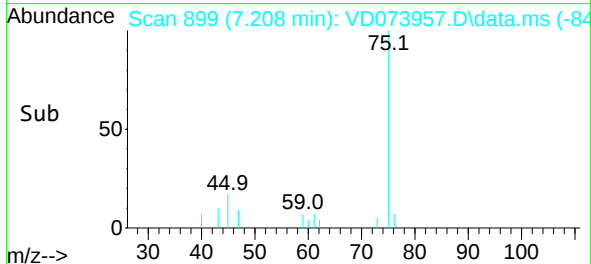
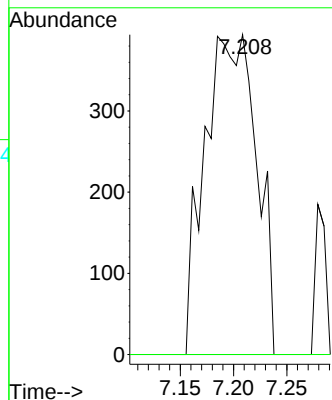
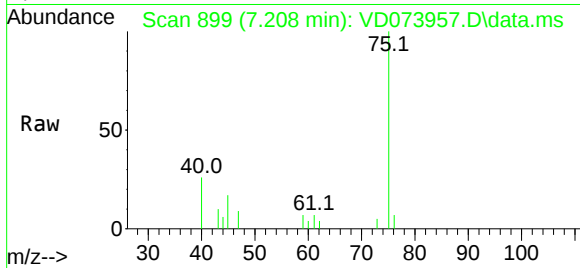




#25
2-Butanone
Concen: 4.113 ug/l
RT: 7.208 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

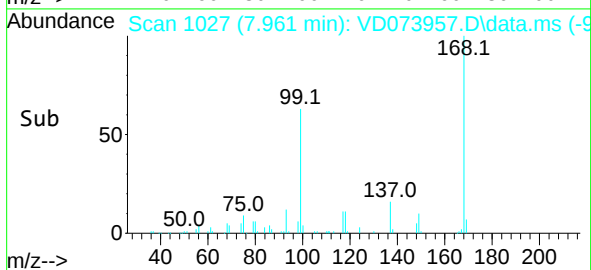
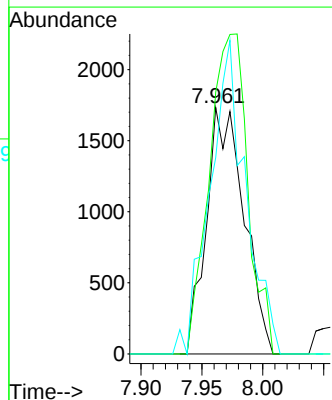
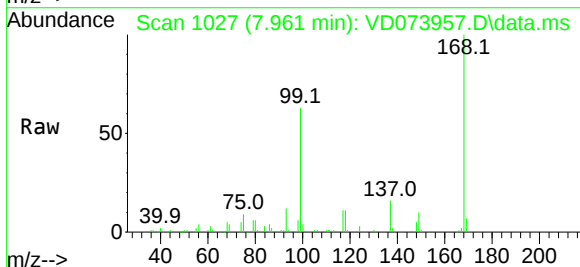
Instrument :
MSVOA_D
ClientSampleId :

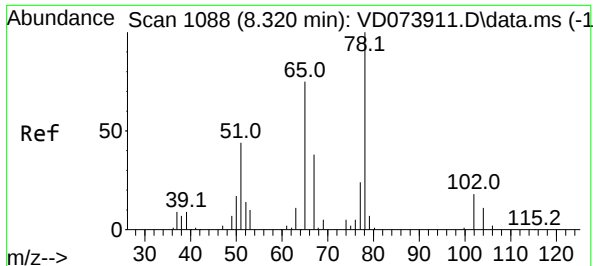
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.807 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 56 Resp: 3724
Ion Ratio Lower Upper
56 100
69 106.2 29.2 43.8#
84 79.7 80.0 120.0#





#33

1,2-Dichloroethane-d4

Concen: 57.420 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_D

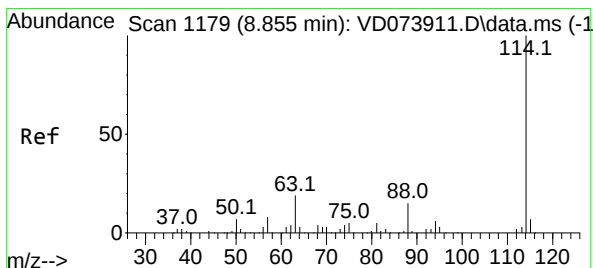
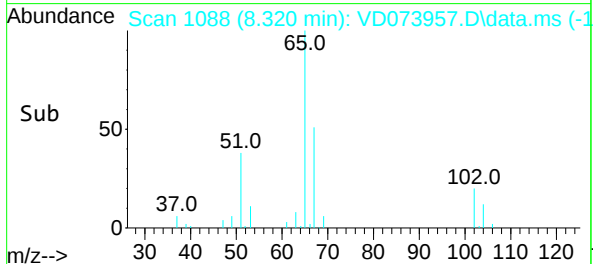
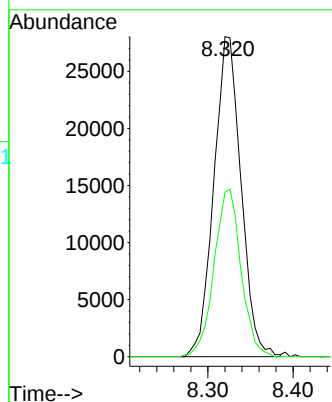
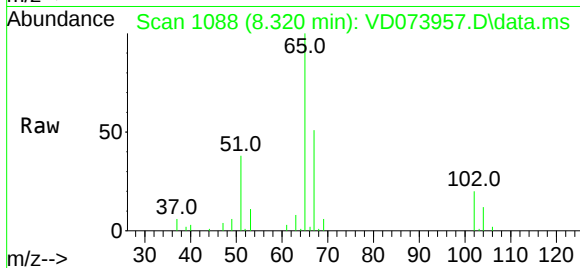
ClientSampleId :

Tgt Ion: 65 Resp: 62124

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

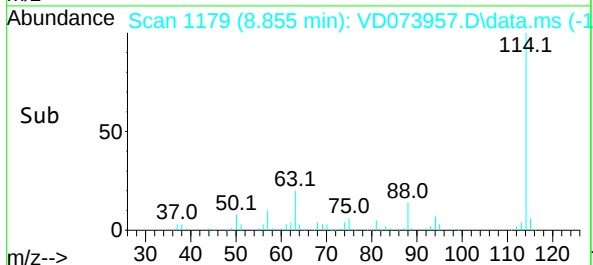
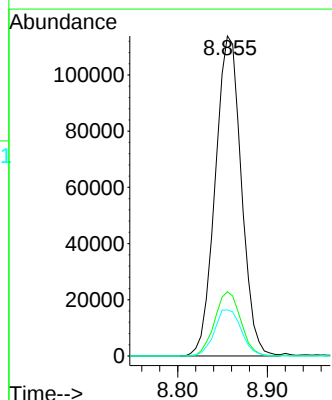
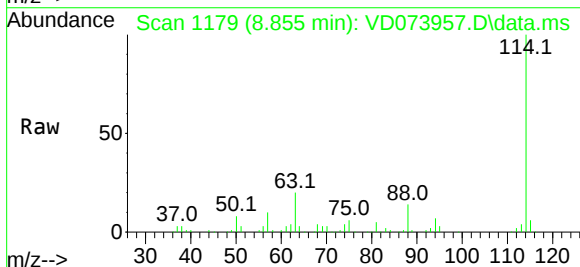
Tgt Ion: 114 Resp: 229803

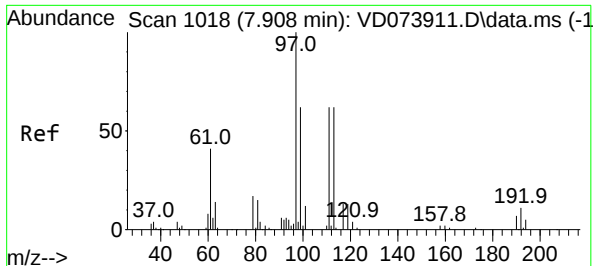
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.153 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

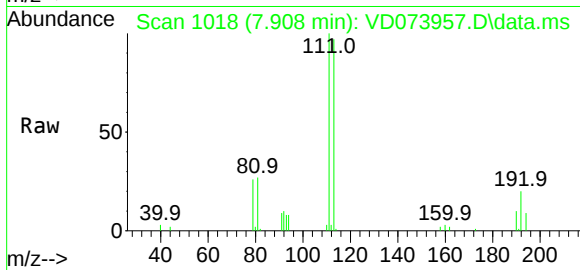
Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :



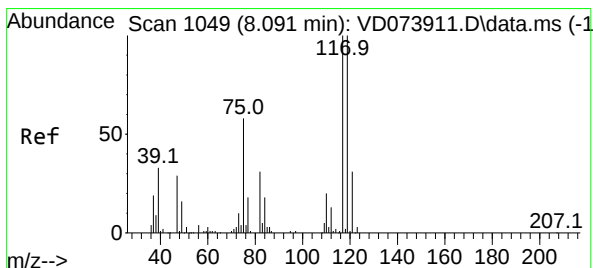
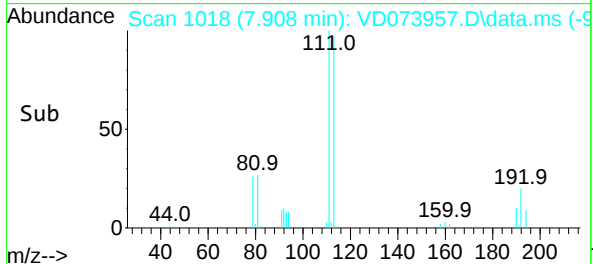
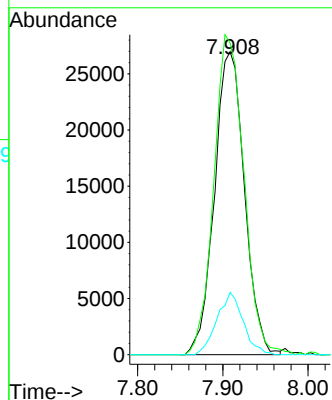
Tgt Ion:113 Resp: 65898

Ion Ratio Lower Upper

113 100

111 105.8 83.7 125.5

192 18.0 15.0 22.6



#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.123 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

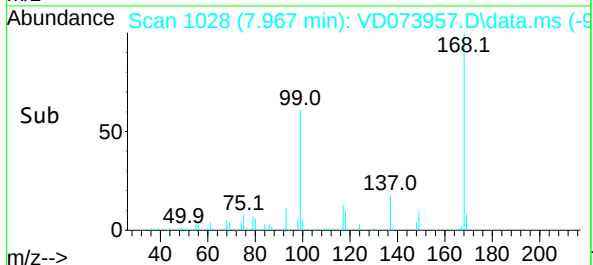
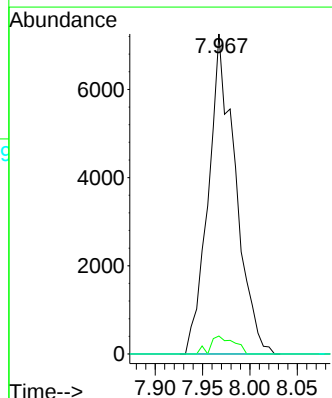
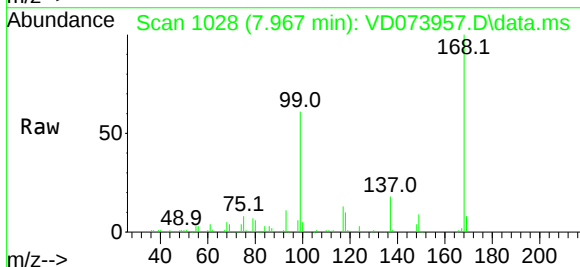
Tgt Ion:117 Resp: 14419

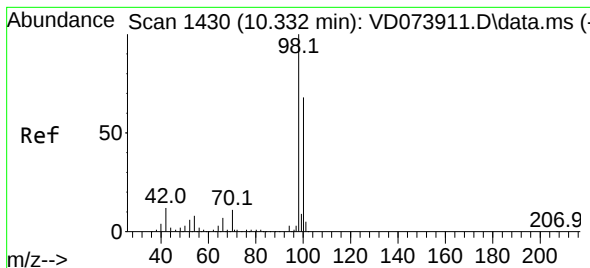
Ion Ratio Lower Upper

117 100

119 5.6 79.6 119.4#

121 0.0 24.4 36.6#

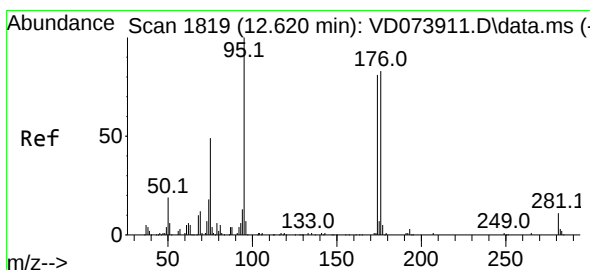
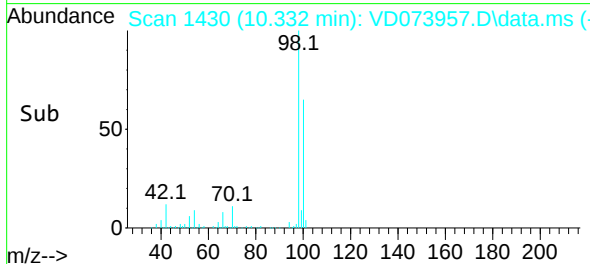
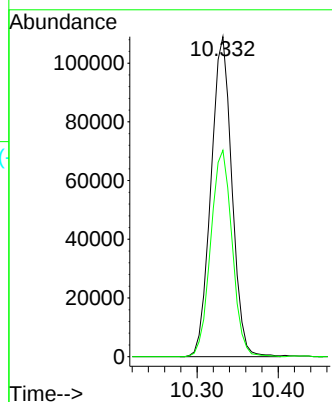
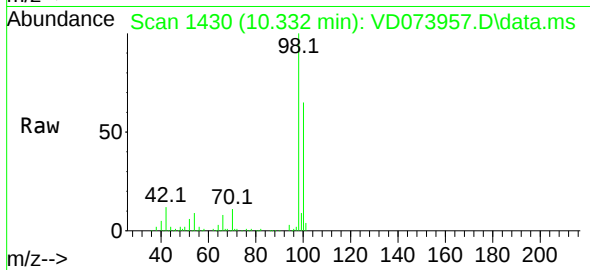




#50
Toluene-d8
Concen: 40.492 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

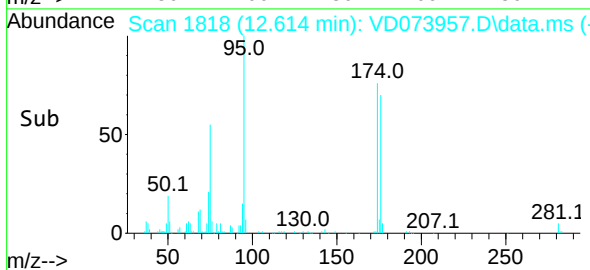
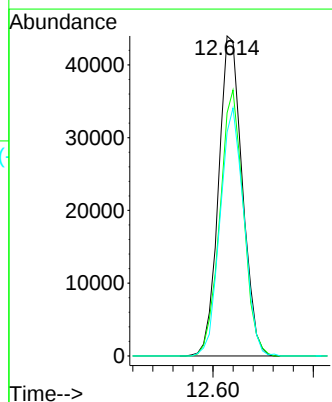
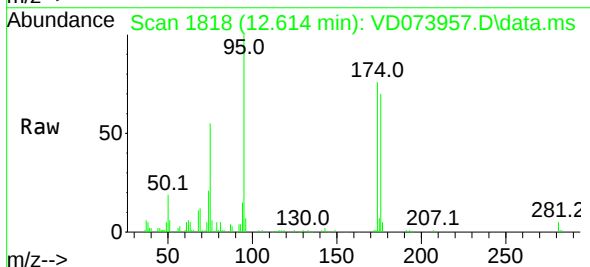
Instrument :
MSVOA_D
ClientSampleId :

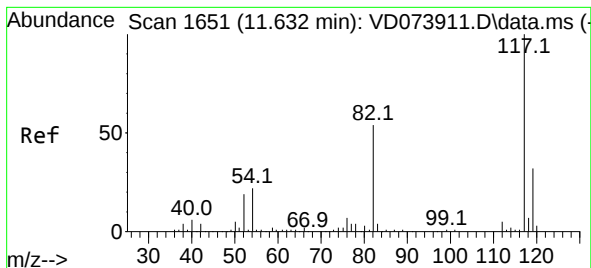
Tgt Ion: 98 Resp: 194747
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.810 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 95 Resp: 72180
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.2
176 77.4 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

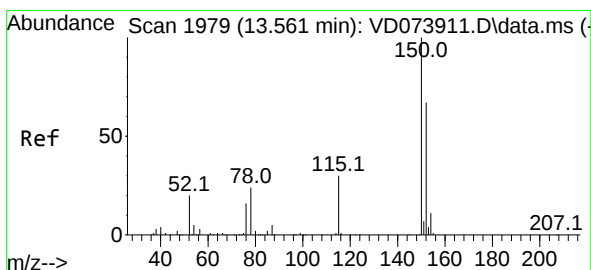
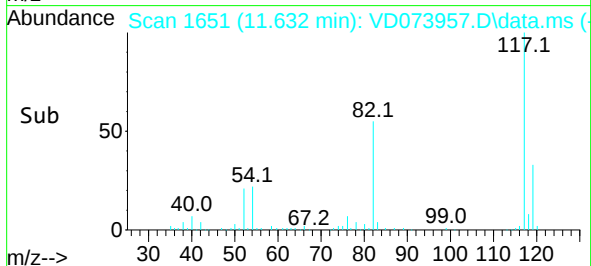
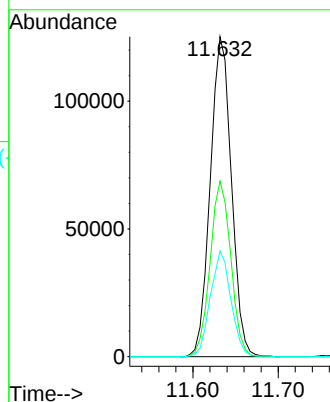
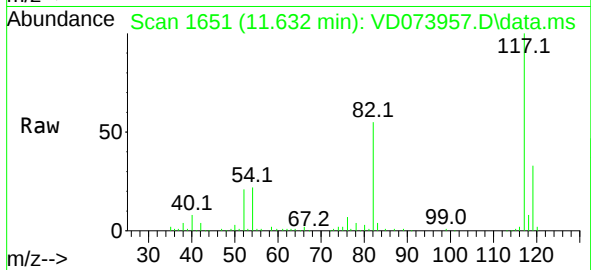
Tgt Ion:117 Resp: 215628

Ion Ratio Lower Upper

117 100

82 54.9 43.3 64.9

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

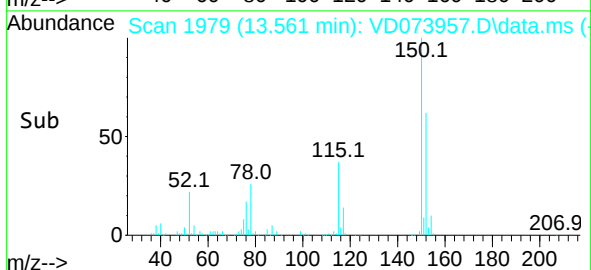
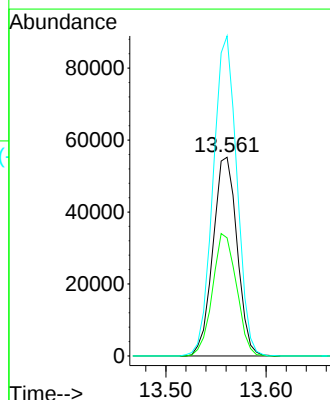
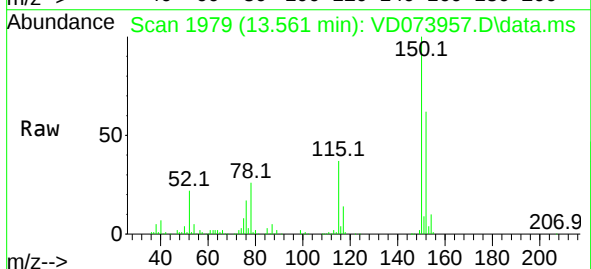
Tgt Ion:152 Resp: 92385

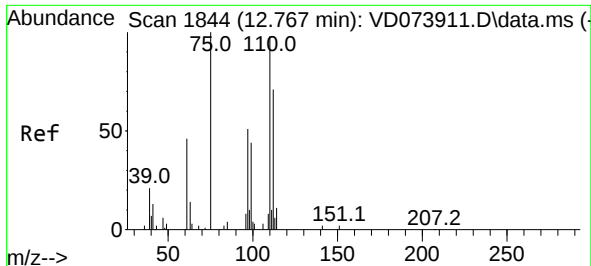
Ion Ratio Lower Upper

152 100

115 61.1 29.1 87.3

150 158.4 0.0 338.2

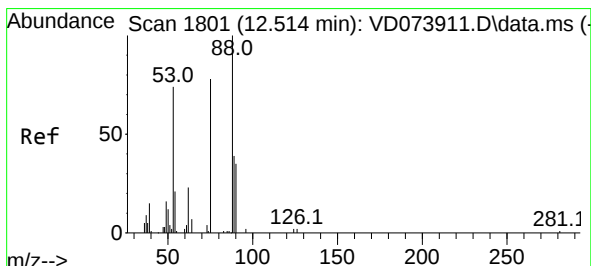
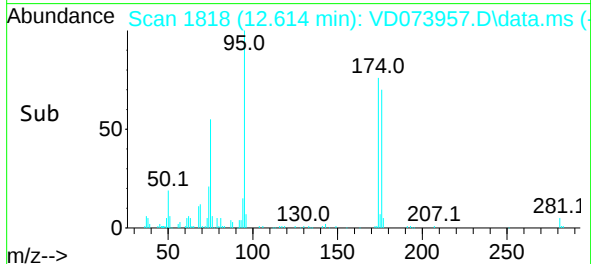
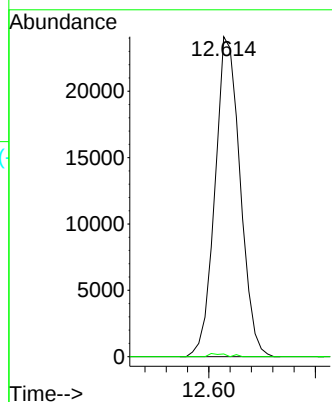
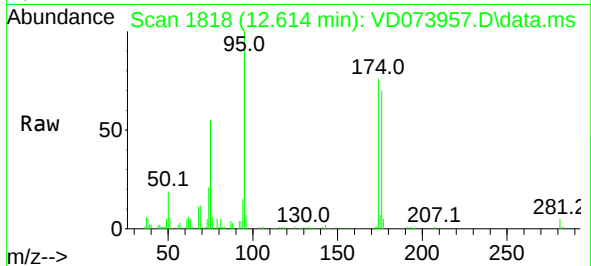




#76
1,2,3-Trichloropropane
Concen: 57.083 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39439
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.476 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 75 Resp: 39439
Ion Ratio Lower Upper
75 100
53 0.3 71.6 107.4#
89 0.0 39.8 59.6#

