

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073953.D
 Acq On : 04 Aug 2022 15:13
 Operator : VA/SY
 Sample : N3962-02
 Misc : 4.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:53:14 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)

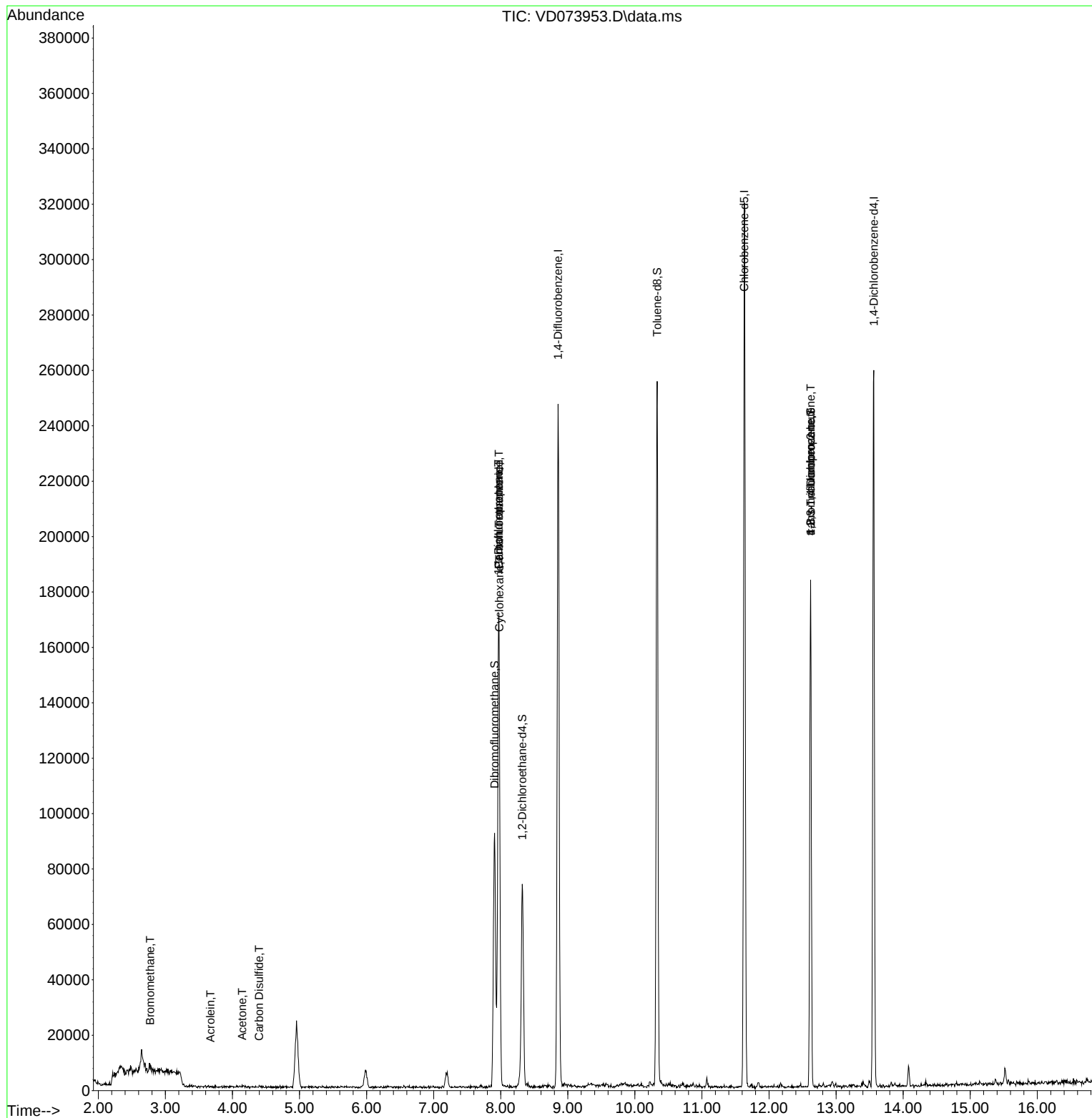
Internal Standards						
1) Pentafluorobenzene	7.973	168	124439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	208433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	175515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	67458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59069	58.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.908	113	64138	49.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.060%	
50) Toluene-d8	10.332	98	173462	39.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.520%	
62) 4-Bromofluorobenzene	12.620	95	56949	35.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	269	Below Cal	#	43
5) Bromomethane	2.773	94	1643	1.193	ug/l	91
13) Acrolein	3.673	56	54	26.484	ug/l #	13
16) Acetone	4.144	43	199	10.525	ug/l #	53
17) Carbon Disulfide	4.397	76	422	1.888	ug/l #	75
18) Methyl Acetate	4.703	43	56	Below Cal	#	48
20) Methylene Chloride	4.950	84	17314	Below Cal	#	80
31) Cyclohexane	7.979	56	3630	1.884	ug/l #	61
36) 1,1-Dichloropropene	7.967	75	9880	5.357	ug/l #	50
38) Carbon Tetrachloride	7.973	117	13630	6.597	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	30597	60.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	30597	130.128	ug/l #	13

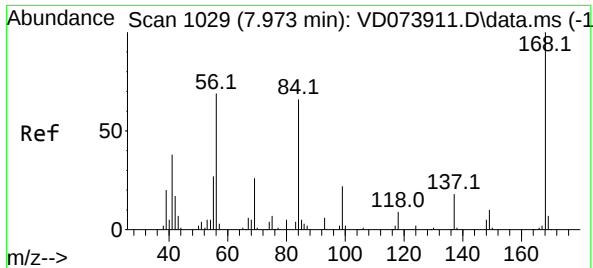
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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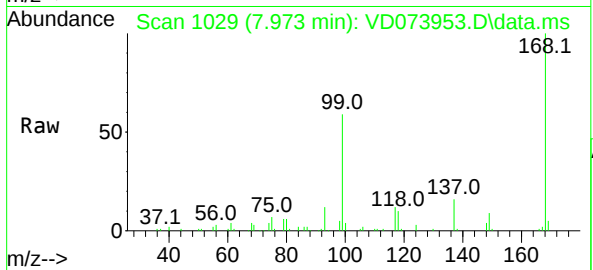
Quant Time: Aug 05 07:53:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
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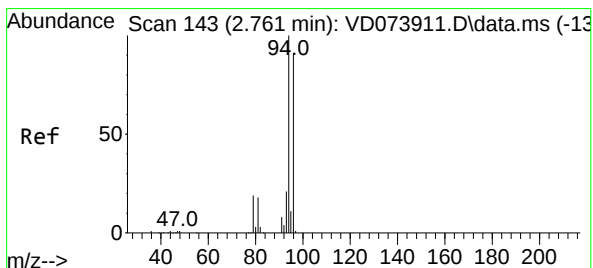
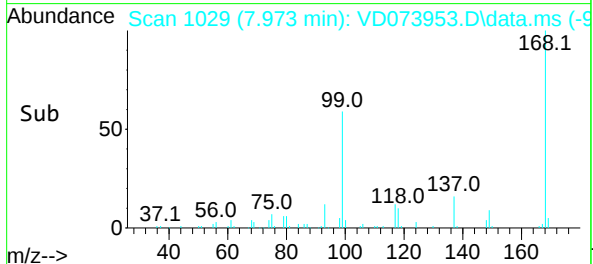
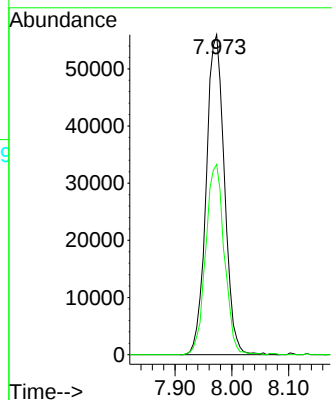


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :

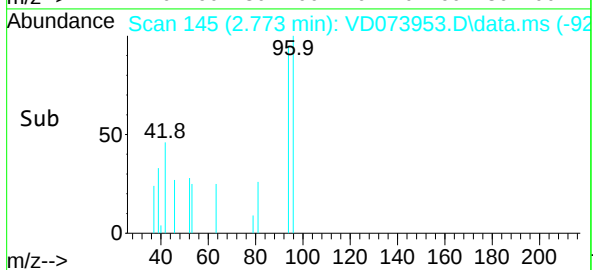
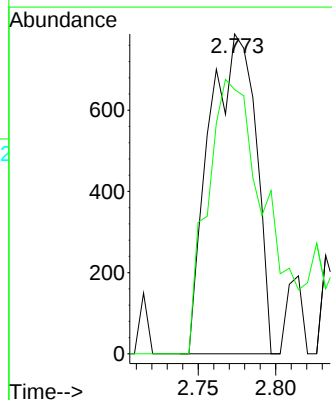
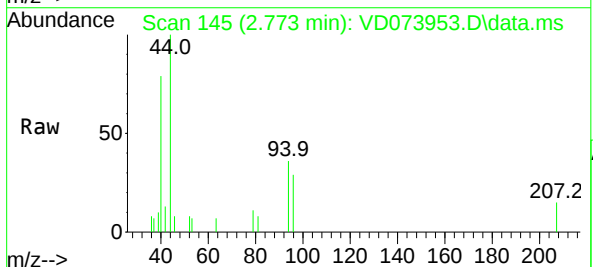


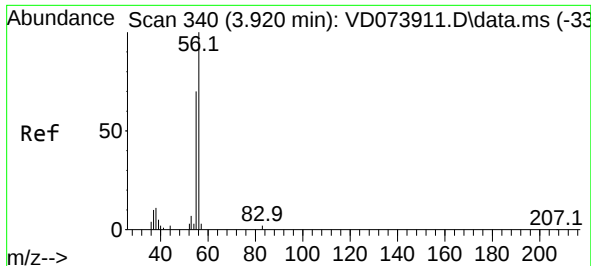
Tgt Ion:168 Resp: 124439
Ion Ratio Lower Upper
168 100
99 59.5 52.2 78.4



#5
Bromomethane
Concen: 1.193 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 94 Resp: 1643
Ion Ratio Lower Upper
94 100
96 82.6 72.7 109.1

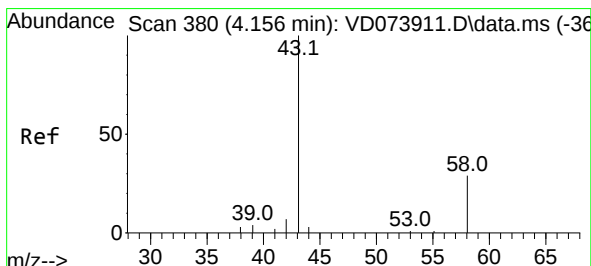
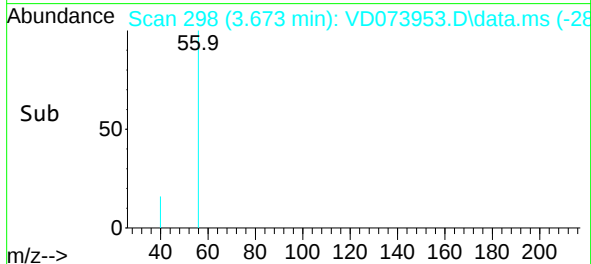
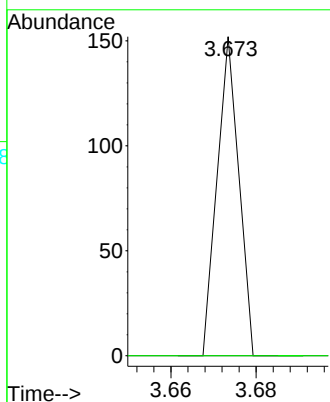
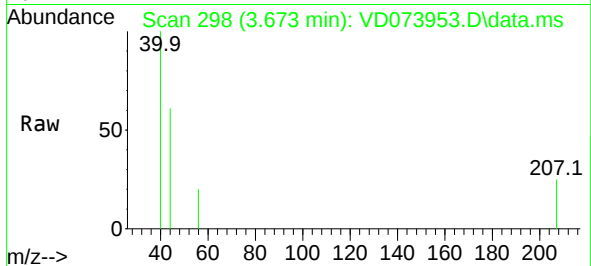




#13
Acrolein
Concen: 26.484 ug/l
RT: 3.673 min Scan# 298
Delta R.T. -0.247 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

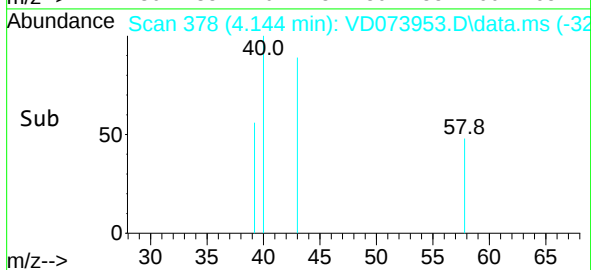
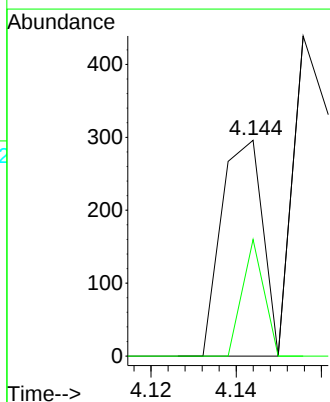
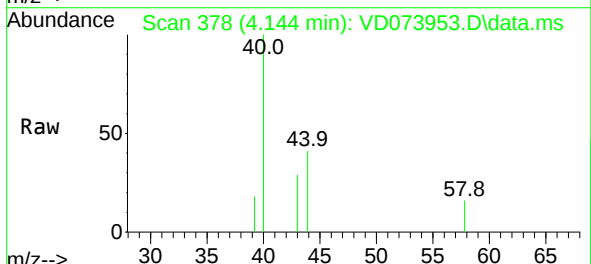
Instrument :
MSVOA_D
ClientSampleId :

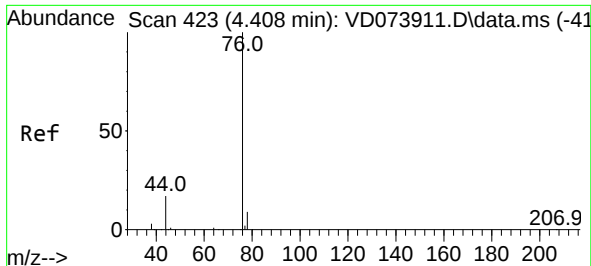
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#



#16
Acetone
Concen: 10.525 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

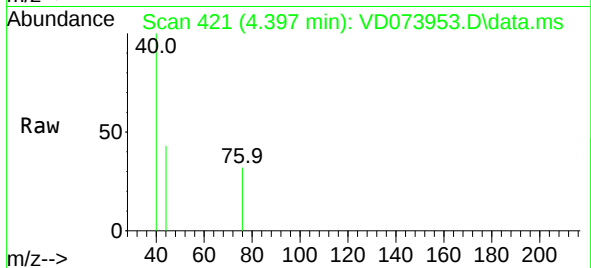
Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
58 54.1 23.0 34.6#



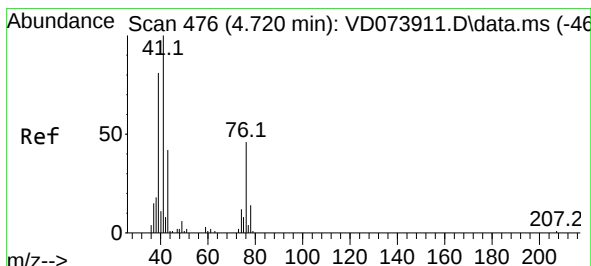
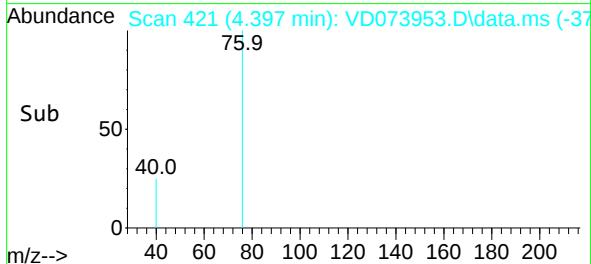
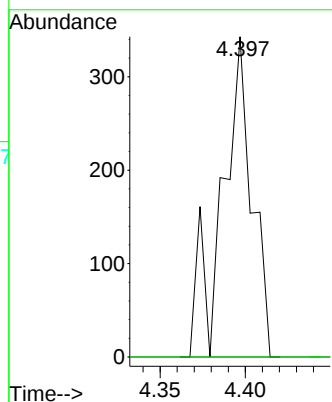


#17
Carbon Disulfide
Concen: 1.888 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :

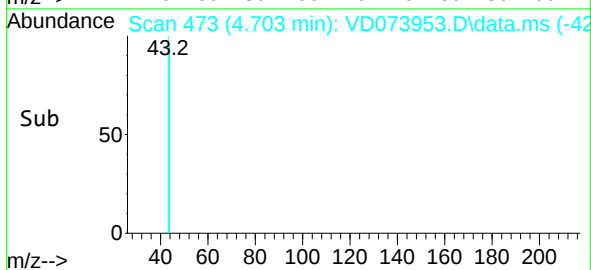
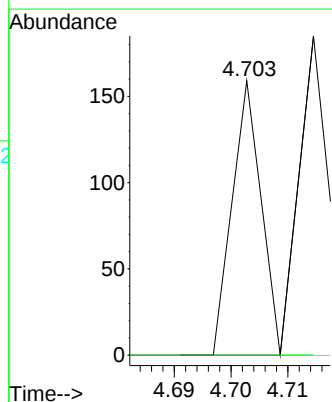
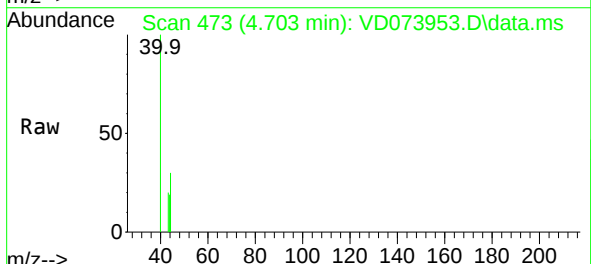


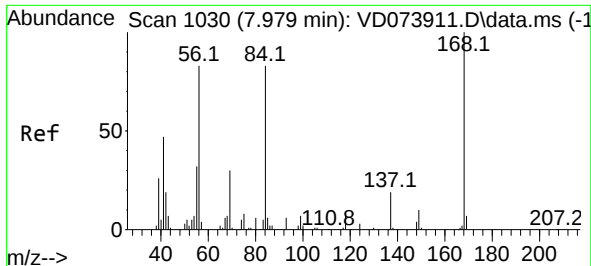
Tgt Ion: 76 Resp: 422
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.017 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

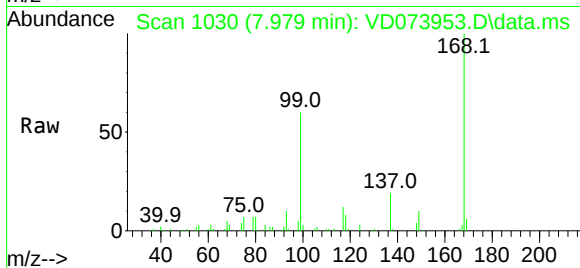
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



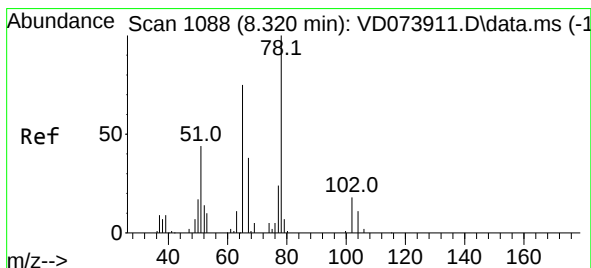
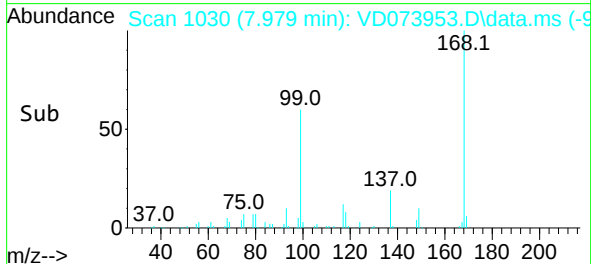
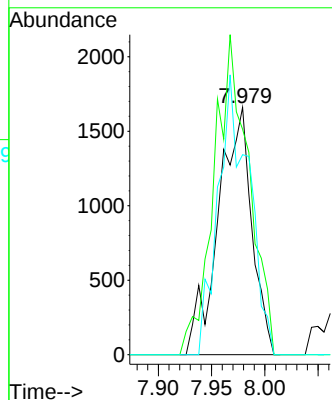


#31
Cyclohexane
Concen: 1.884 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :

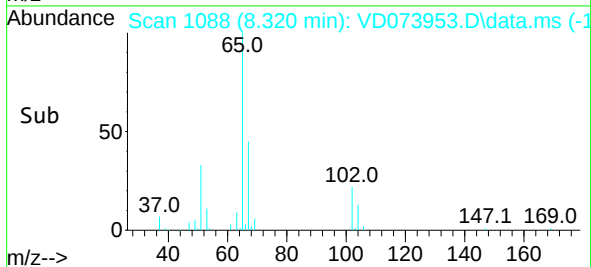
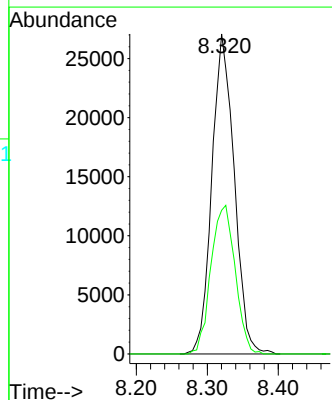
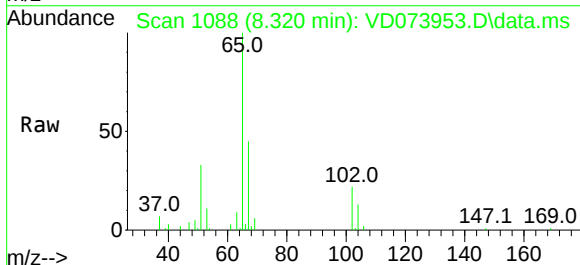


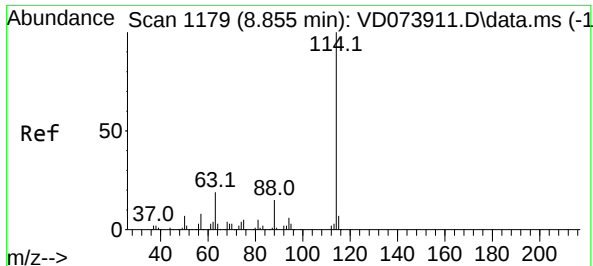
Tgt Ion: 56 Resp: 3630
Ion Ratio Lower Upper
56 100
69 91.1 29.2 43.8#
84 80.9 80.0 120.0



#33
1,2-Dichloroethane-d4
Concen: 58.478 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 65 Resp: 59069
Ion Ratio Lower Upper
65 100
67 50.3 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: VD073953.D

Acq: 04 Aug 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

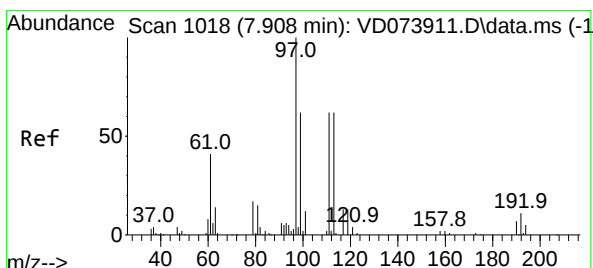
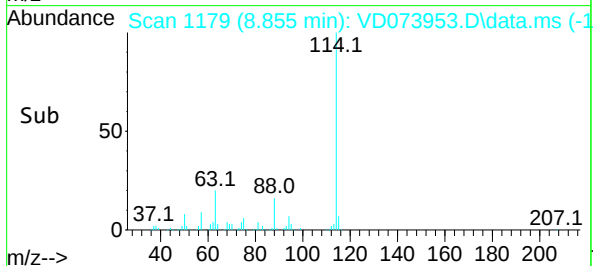
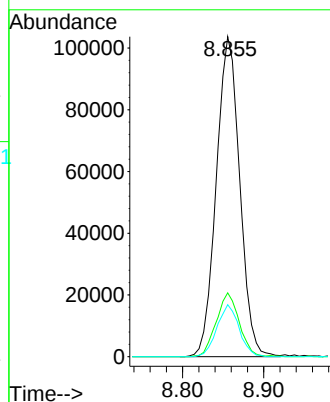
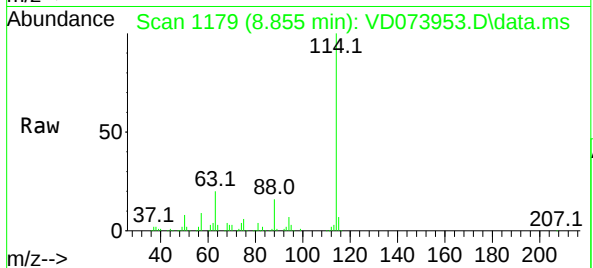
Tgt Ion:114 Resp: 208433

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.526 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073953.D

Acq: 04 Aug 2022 15:13

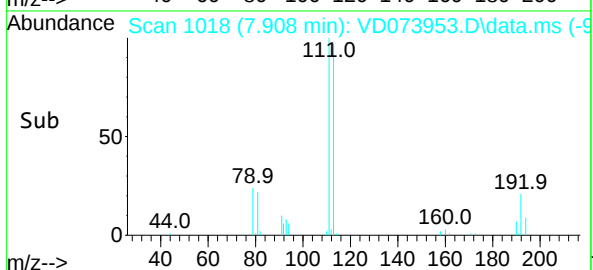
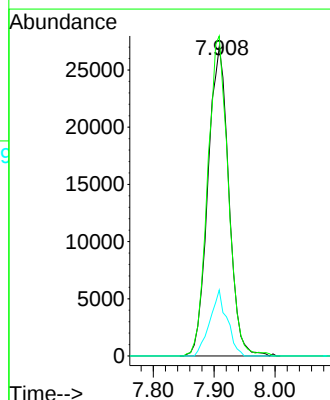
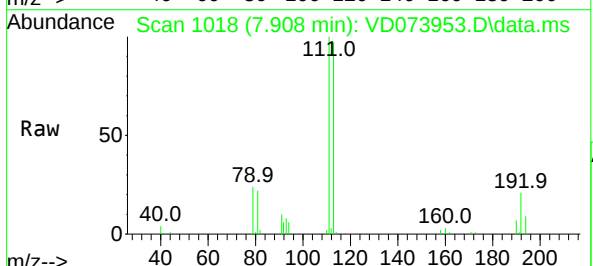
Tgt Ion:113 Resp: 64138

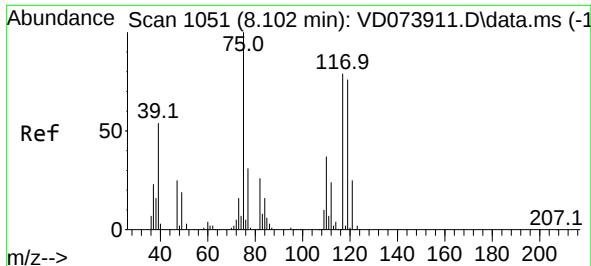
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 17.7 15.0 22.6





#36

1,1-Dichloropropene

Concen: 5.357 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

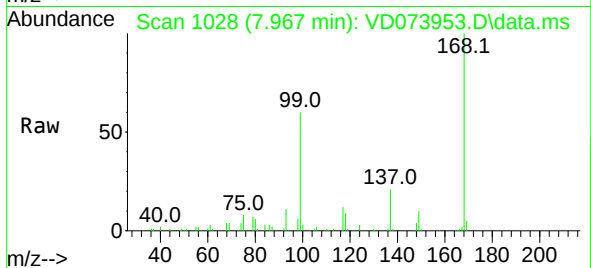
Lab File: VD073953.D

Acq: 04 Aug 2022 15:13

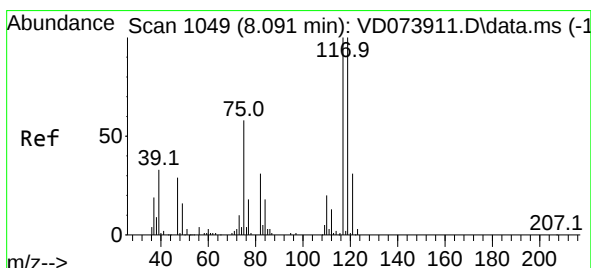
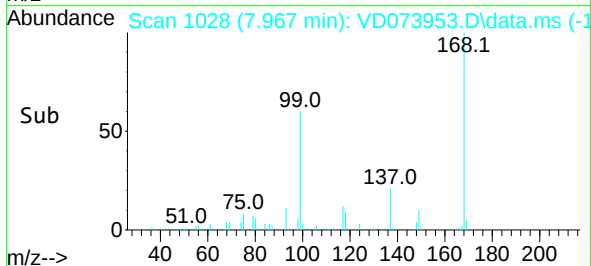
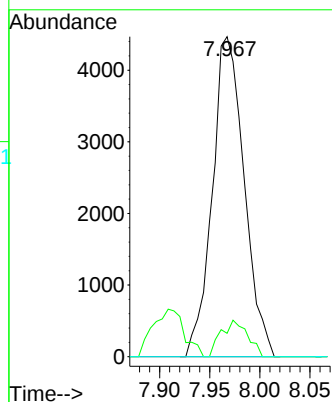
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	9880
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.1	54.1#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.597 ug/l

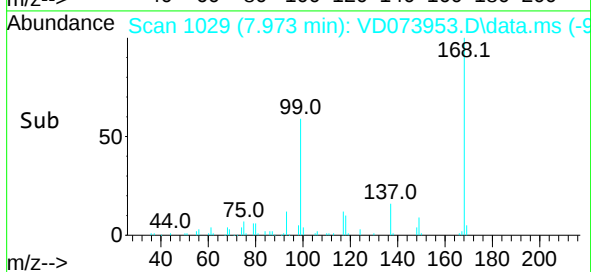
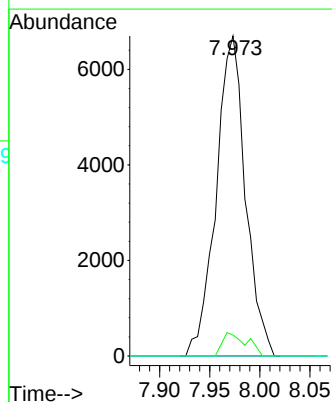
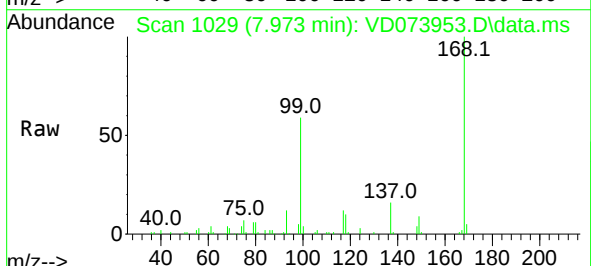
RT: 7.973 min Scan# 1029

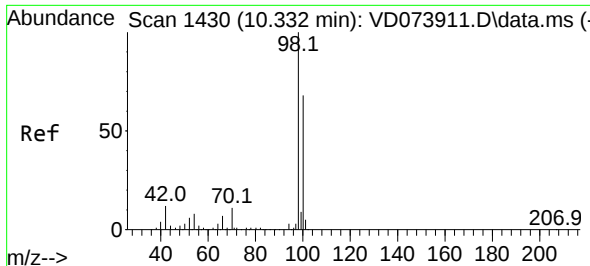
Delta R.T. -0.117 min

Lab File: VD073953.D

Acq: 04 Aug 2022 15:13

Tgt Ion:	117	Resp:	13630
Ion Ratio	Lower	Upper	
117	100		
119	6.5	79.6	119.4#
121	0.0	24.4	36.6#

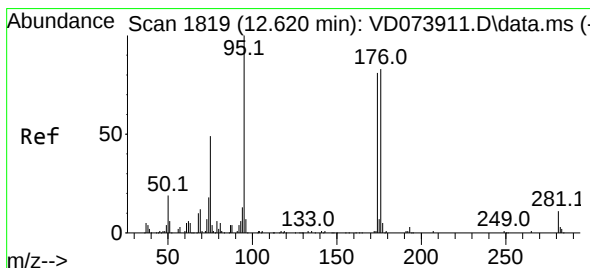
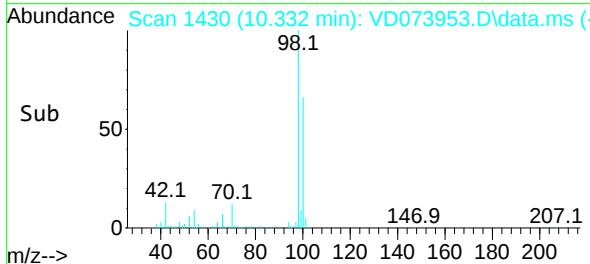
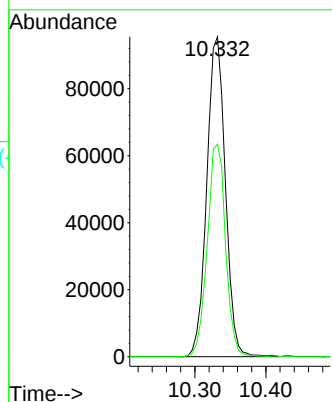
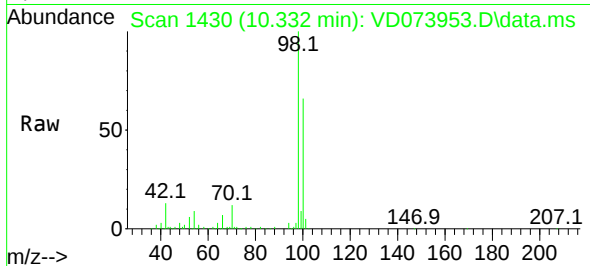




#50
Toluene-d8
Concen: 39.764 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

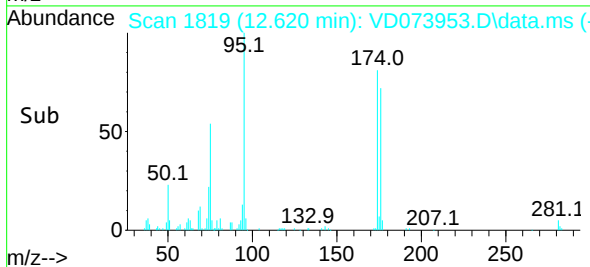
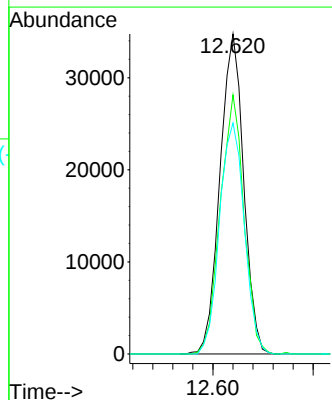
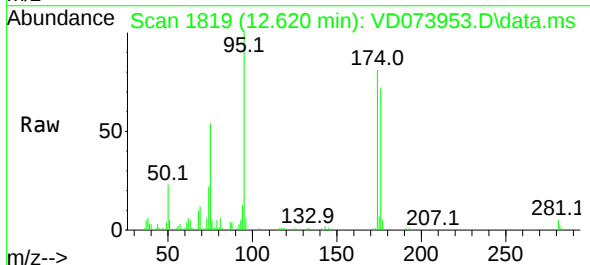
Instrument :
MSVOA_D
ClientSampleId :

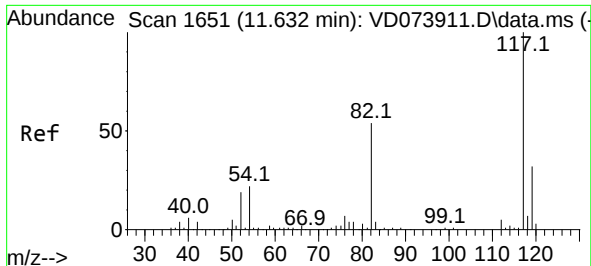
Tgt Ion: 98 Resp: 173462
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 35.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 95 Resp: 56949
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.2
176 75.4 0.0 161.4

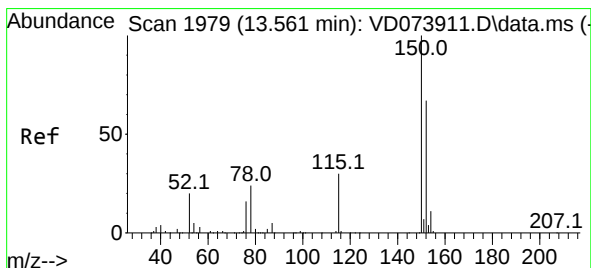
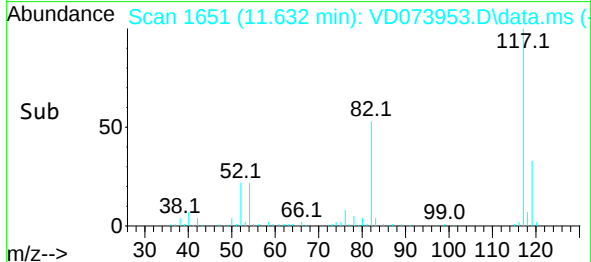
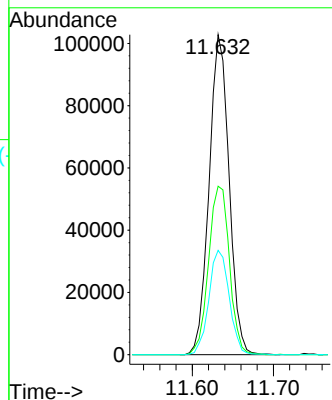
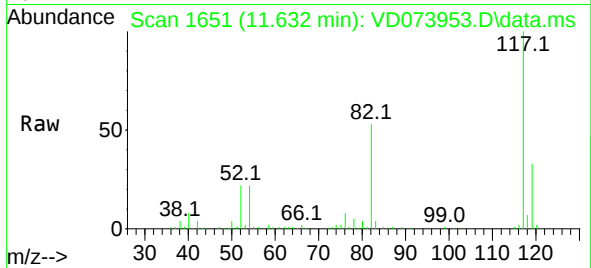




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

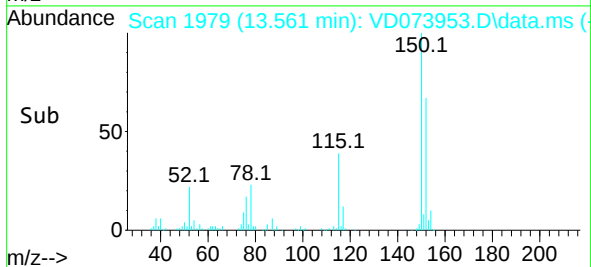
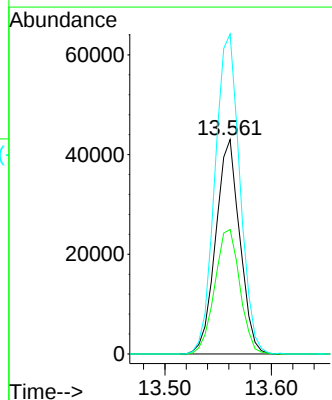
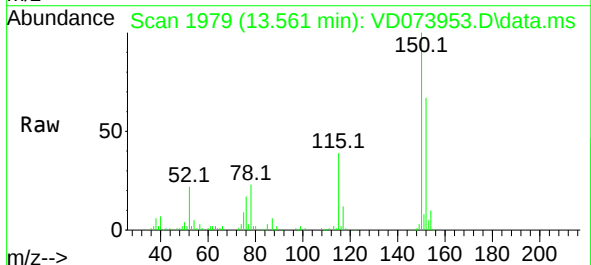
Instrument :
MSVOA_D
ClientSampleId :

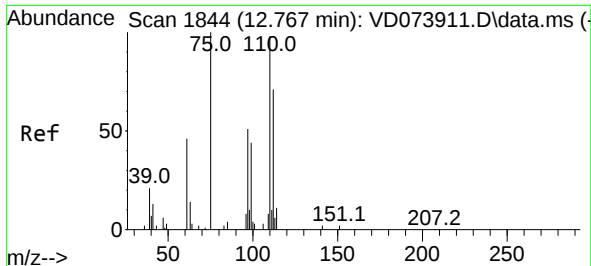
Tgt Ion:117 Resp: 175515
Ion Ratio Lower Upper
117 100
82 52.7 43.3 64.9
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion:152 Resp: 67458
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.3
150 154.3 0.0 338.2

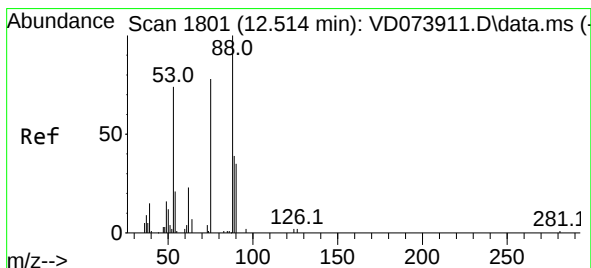
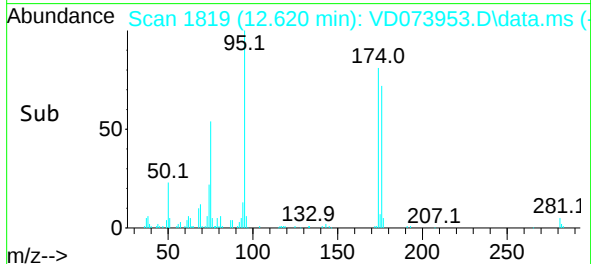
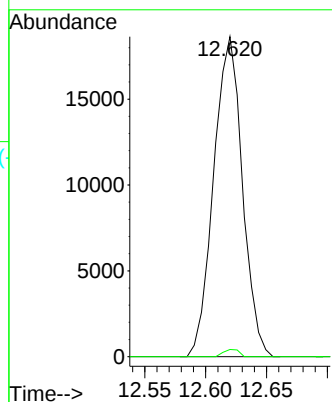
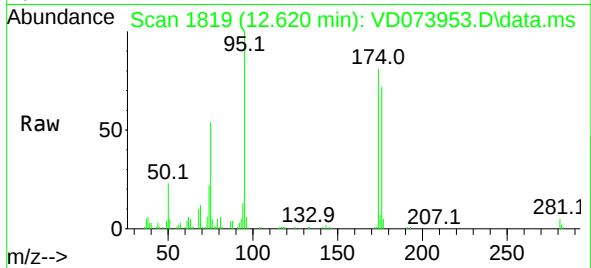




#76
1,2,3-Trichloropropane
Concen: 60.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 30597
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.128 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 75 Resp: 30597
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.0 39.8 59.6#

