

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073955.D
 Acq On : 04 Aug 2022 16:11
 Operator : VA/SY
 Sample : N3962-06
 Misc : 3.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:53:44 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)

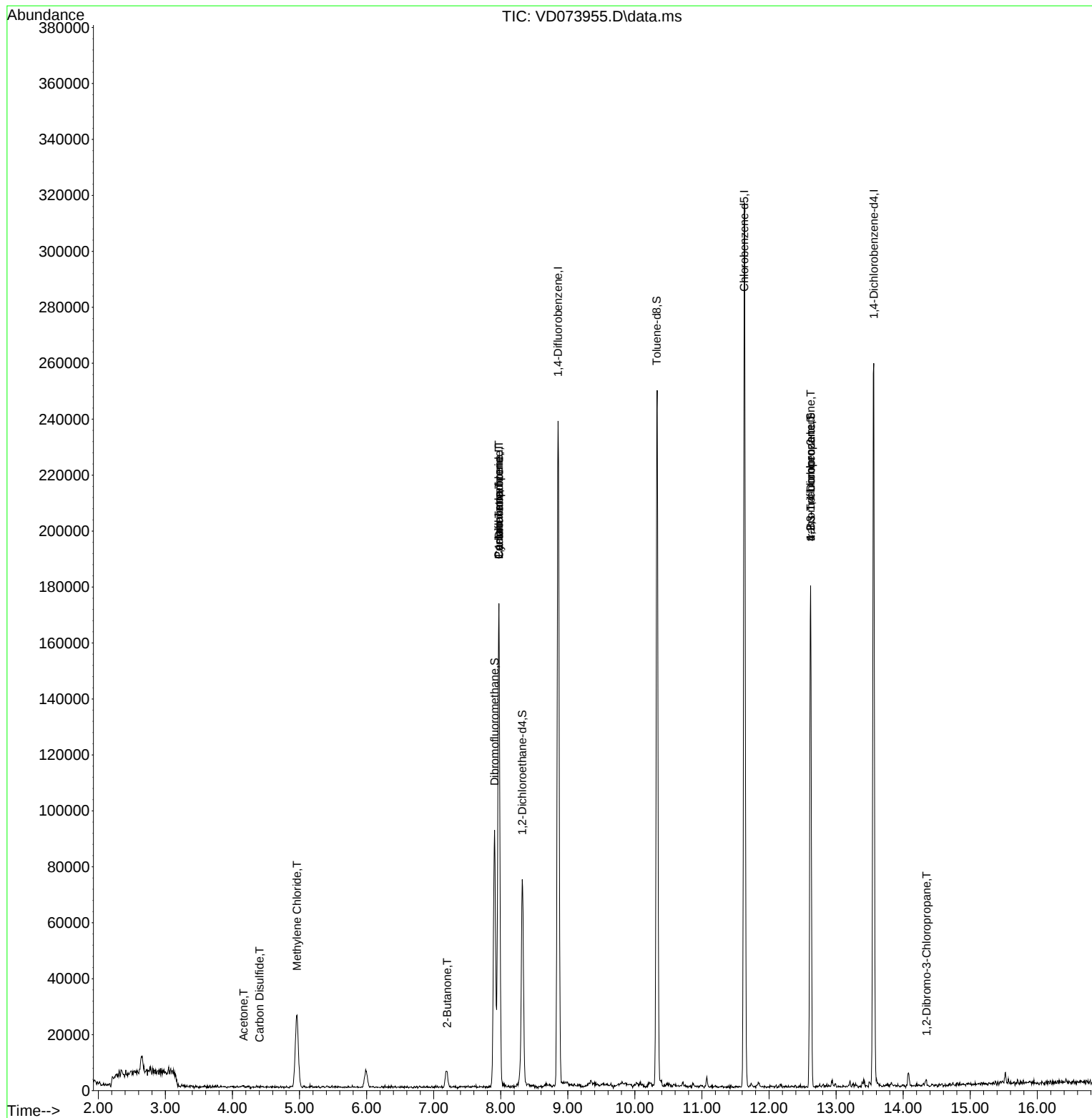
Internal Standards						
1) Pentafluorobenzene	7.973	168	120534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	202906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	175876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	67208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59115	60.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.180%	
35) Dibromofluoromethane	7.909	113	61609	48.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.326	98	167057	39.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.680%	
62) 4-Bromofluorobenzene	12.620	95	56420	36.128	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	343	Below Cal	#	43
11) Tert butyl alcohol	5.238	59	88	Below Cal	#	75
16) Acetone	4.168	43	743	12.598	ug/l #	46
17) Carbon Disulfide	4.403	76	249	1.841	ug/l #	75
18) Methyl Acetate	4.726	43	142	Below Cal	#	48
20) Methylene Chloride	4.962	84	21020	3.643	ug/l	98
25) 2-Butanone	7.203	43	786	2.672	ug/l #	46
31) Cyclohexane	7.973	56	3104	1.663	ug/l #	47
36) 1,1-Dichloropropene	7.973	75	9998	5.568	ug/l #	44
38) Carbon Tetrachloride	7.973	117	12733	6.330	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	30356	60.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	30356	129.583	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.349	75	208	1.547	ug/l #	1

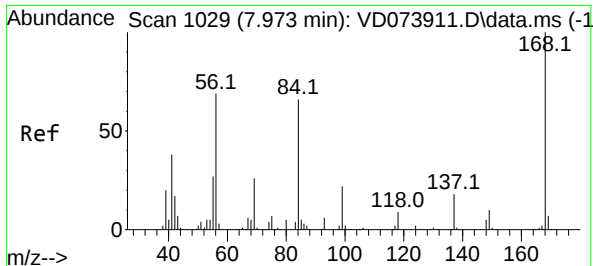
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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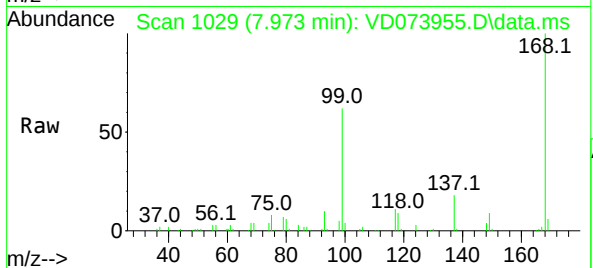
Quant Time: Aug 05 07:53:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



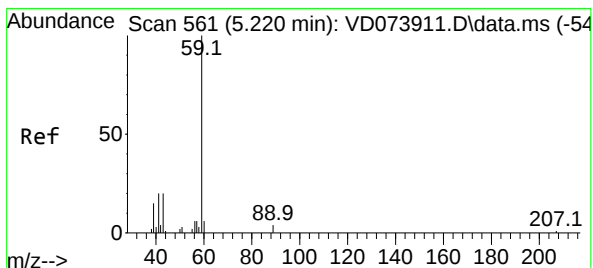
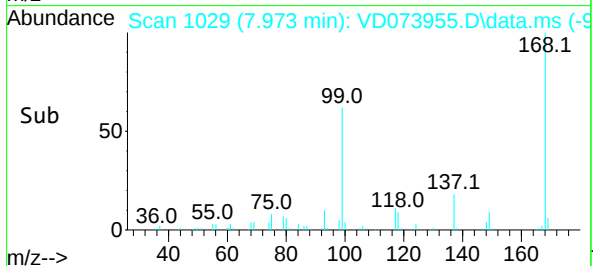
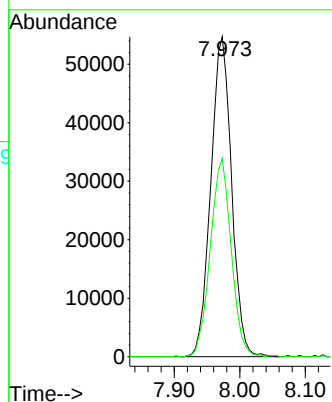


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

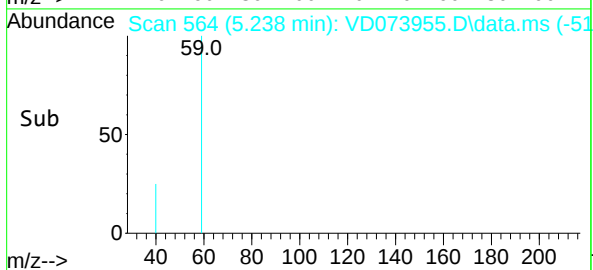
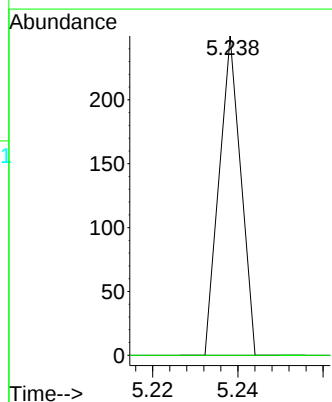
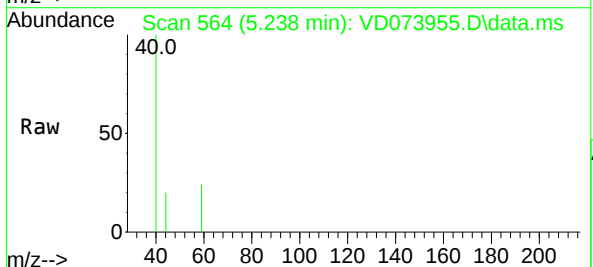


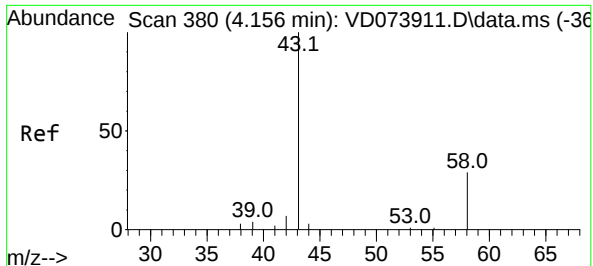
Tgt Ion:168 Resp: 120534
Ion Ratio Lower Upper
168 100
99 61.9 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

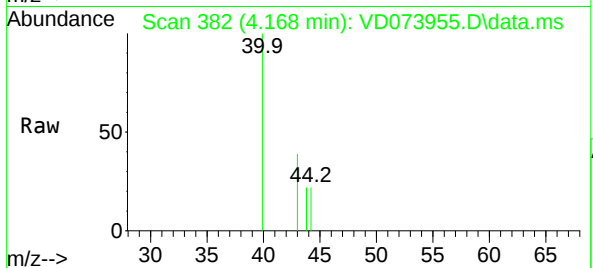
Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



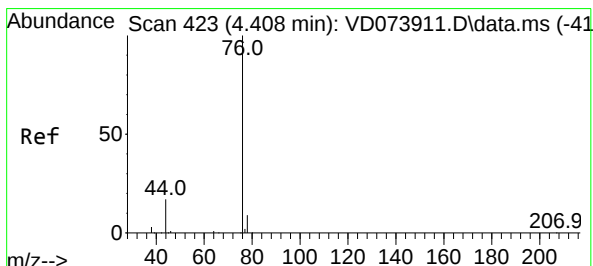
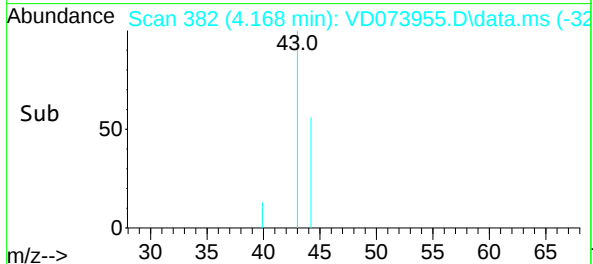
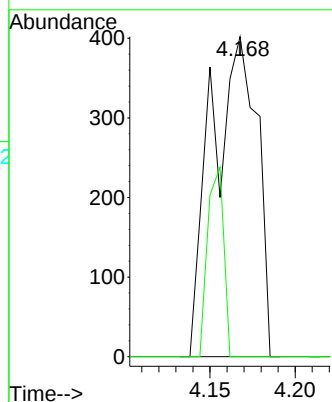


#16
Acetone
Concen: 12.598 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

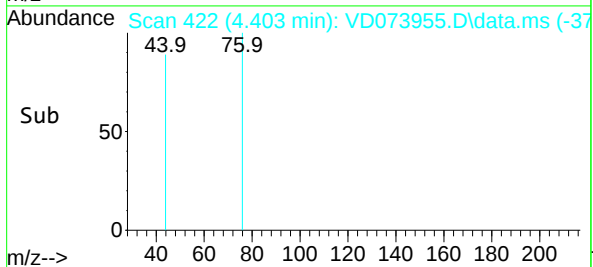
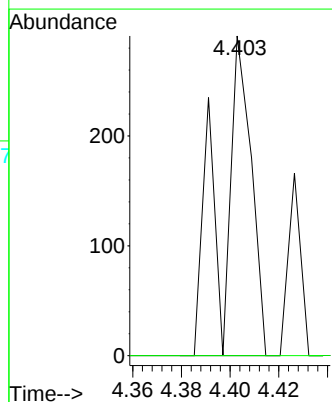
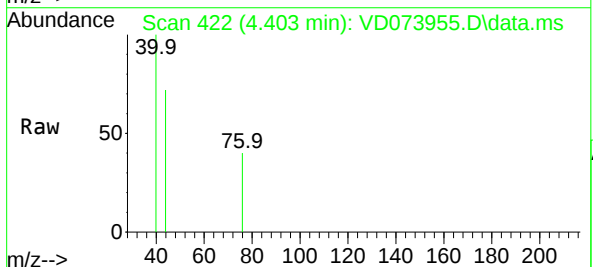


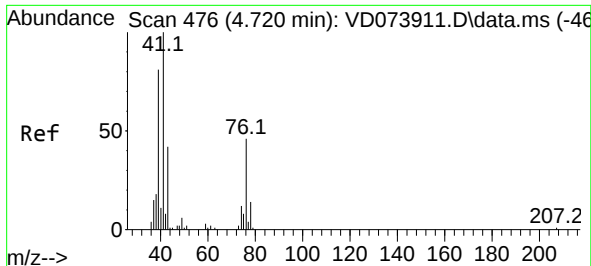
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#17
Carbon Disulfide
Concen: 1.841 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.005 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

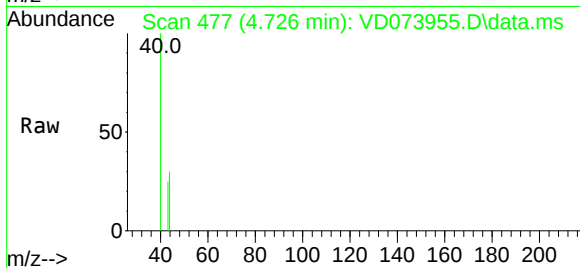
Tgt Ion: 76 Resp: 249
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



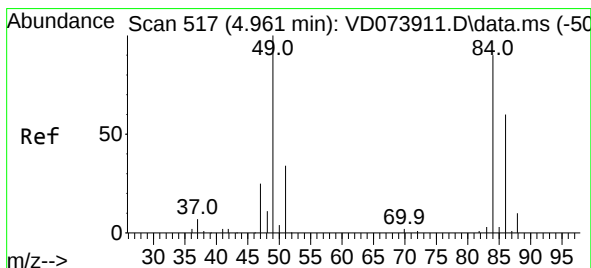
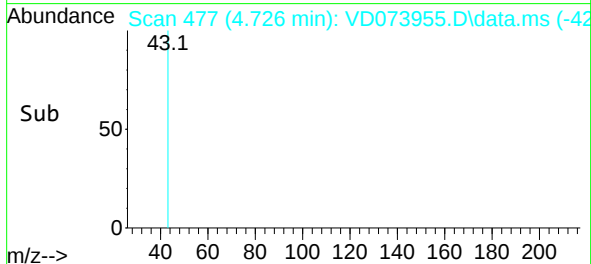
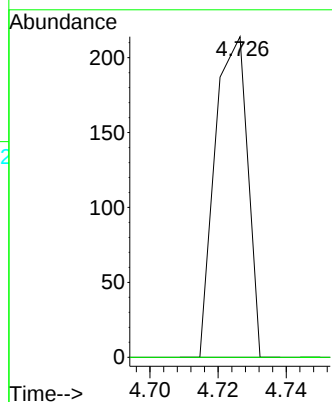


#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

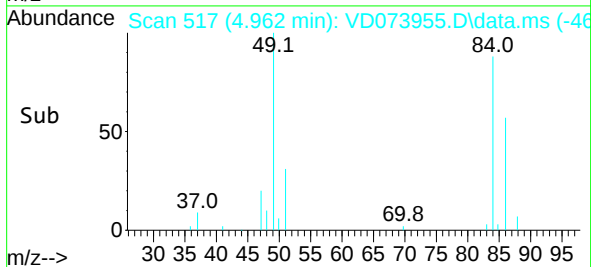
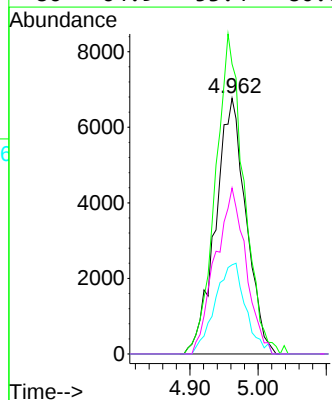
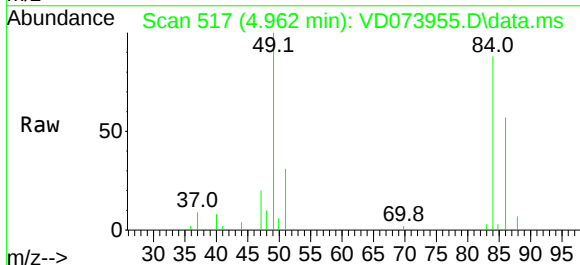


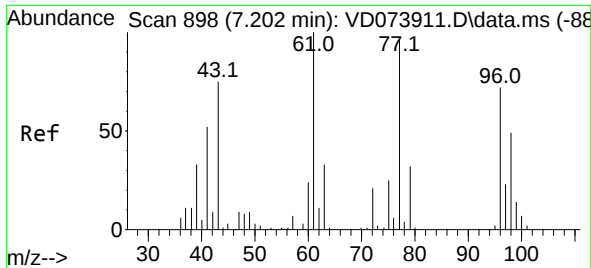
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 3.643 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Tgt Ion: 84 Resp: 21020
Ion Ratio Lower Upper
84 100
49 113.4 89.1 133.7
51 34.9 29.8 44.8
86 64.9 53.4 80.0





#25

2-Butanone

Concen: 2.672 ug/l

RT: 7.203 min Scan# 89

Delta R.T. 0.000 min

Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

Instrument :

MSVOA_D

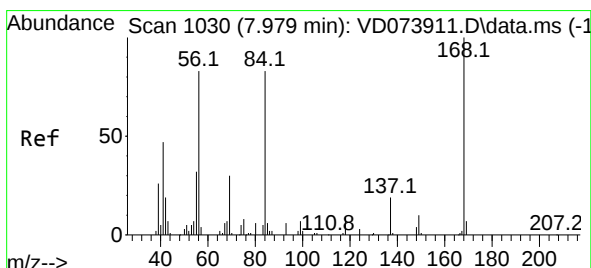
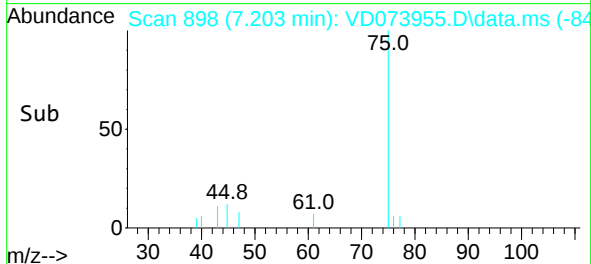
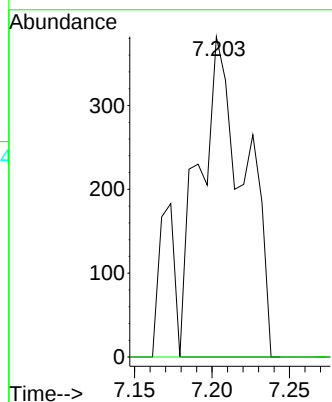
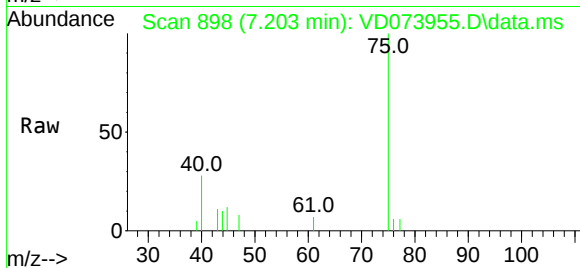
ClientSampleId :

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

72 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.663 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

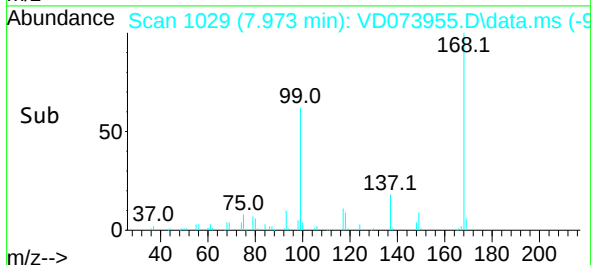
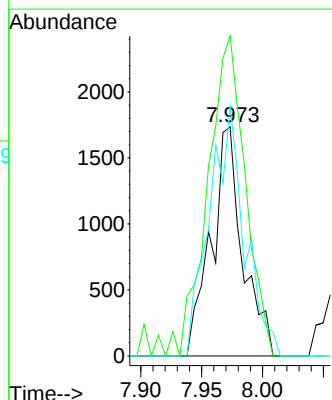
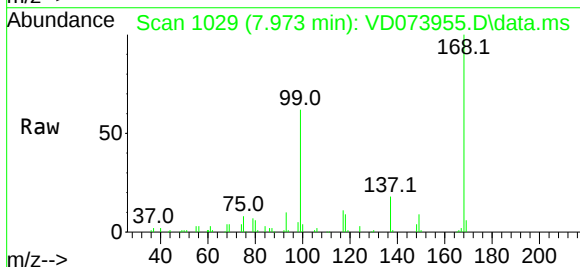
Tgt Ion: 56 Resp: 3104

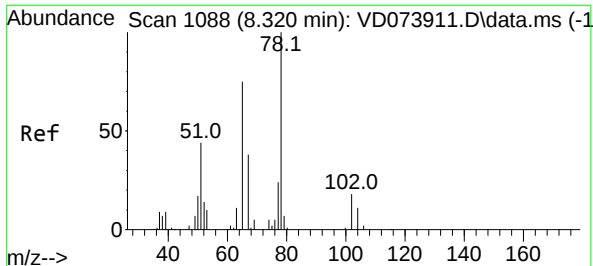
Ion Ratio Lower Upper

56 100

69 139.6 29.2 43.8#

84 109.0 80.0 120.0





#33

1,2-Dichloroethane-d4

Concen: 60.588 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

Instrument :

MSVOA_D

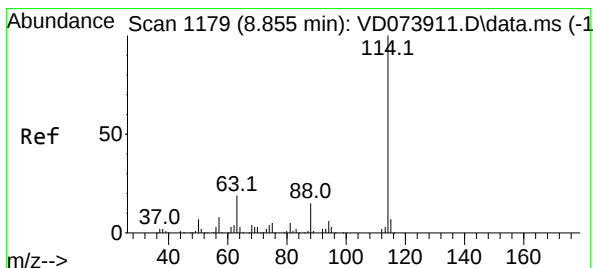
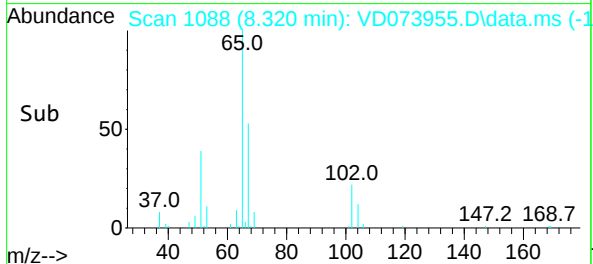
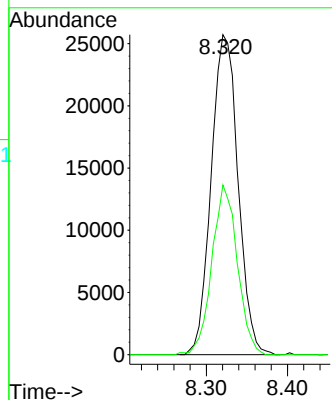
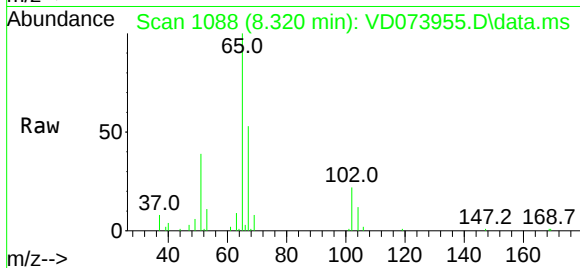
ClientSampleId :

Tgt Ion: 65 Resp: 59115

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

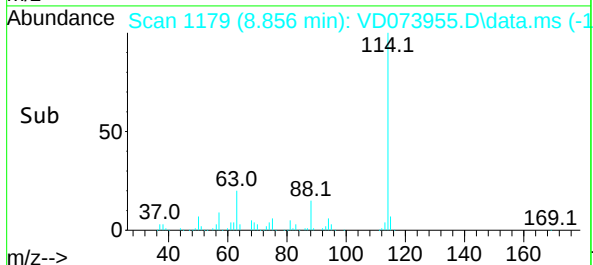
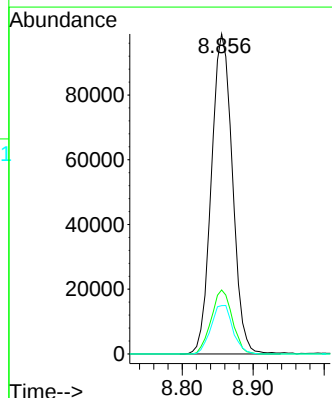
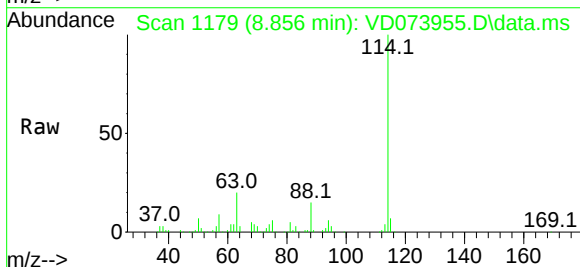
Tgt Ion: 114 Resp: 202906

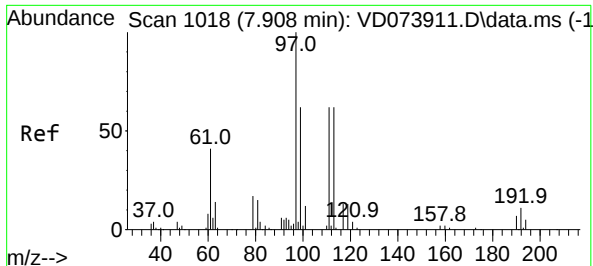
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073955.D

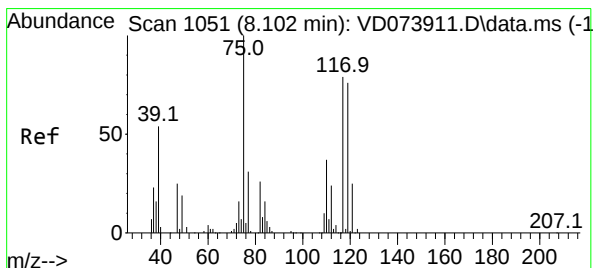
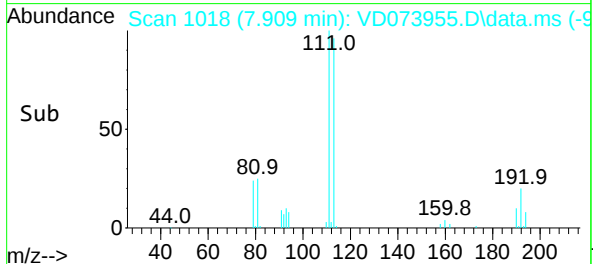
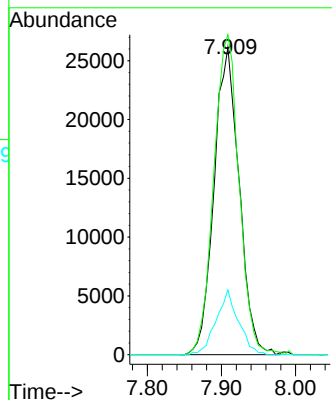
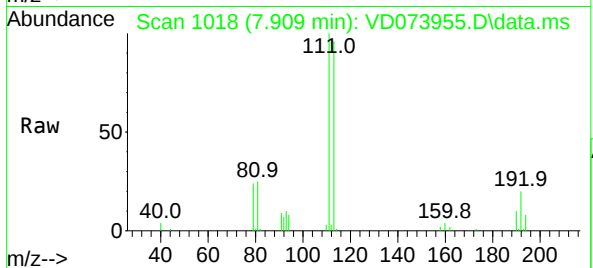
Acq: 04 Aug 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	61609
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.7	125.5
192	18.7	15.0	22.6



#36

1,1-Dichloropropene

Concen: 5.568 ug/l

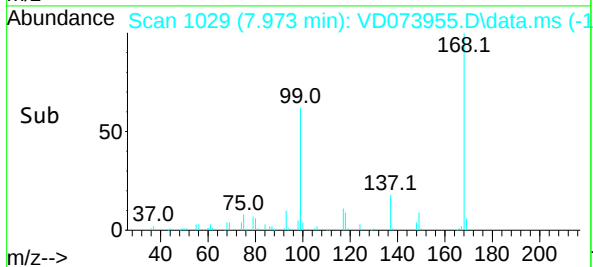
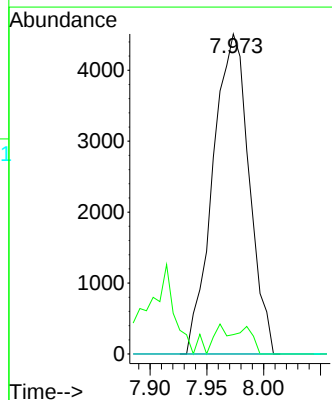
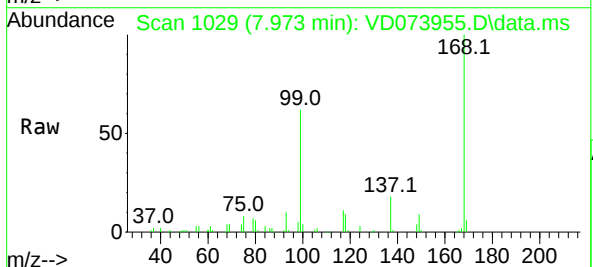
RT: 7.973 min Scan# 1029

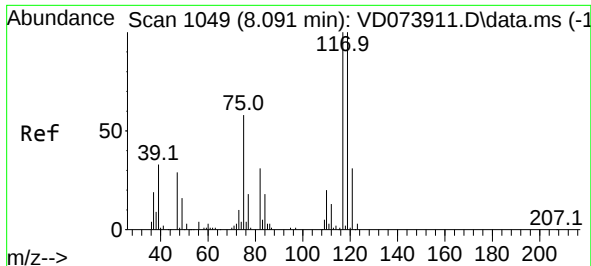
Delta R.T. -0.129 min

Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

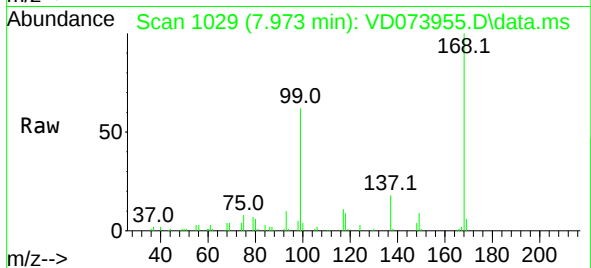
Tgt Ion:	75	Resp:	9998
Ion	Ratio	Lower	Upper
75	100		
110	3.3	18.1	54.1#
77	0.0	24.7	37.1#



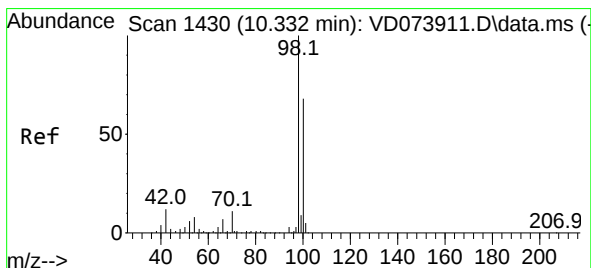
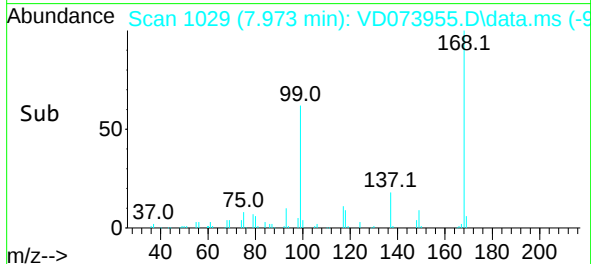
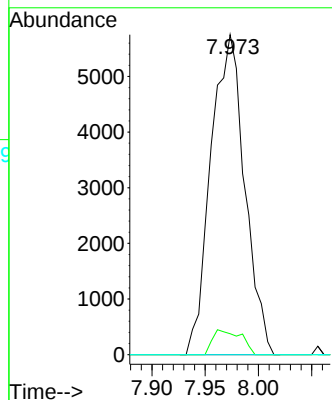


#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 7.973 min Scan# 117
Delta R.T. -0.117 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

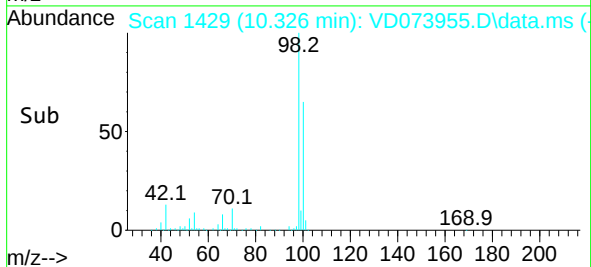
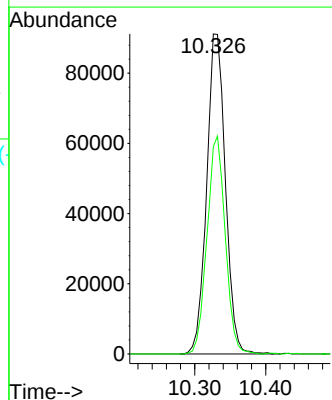
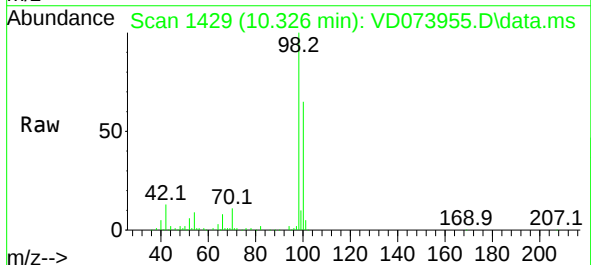


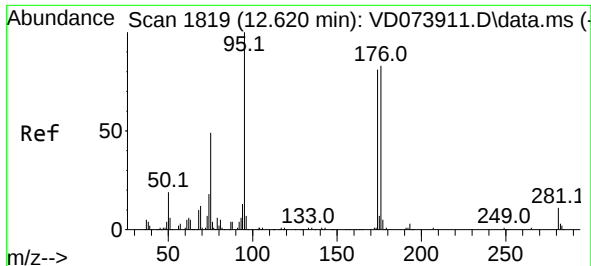
Tgt Ion:117 Resp: 12733
Ion Ratio Lower Upper
117 100
119 6.5 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 39.339 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Tgt Ion: 98 Resp: 167057
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

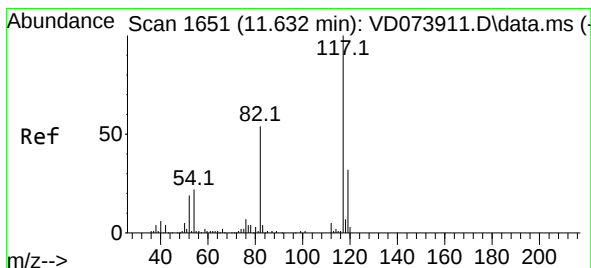
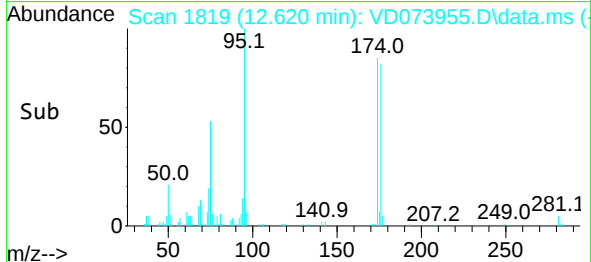
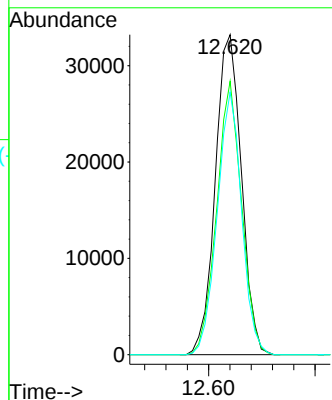
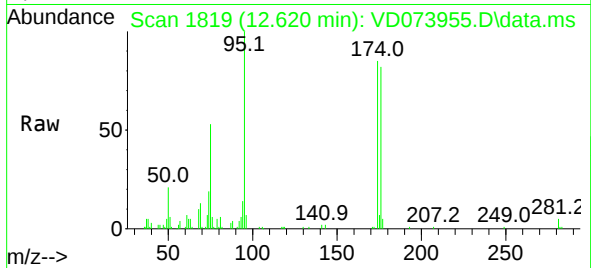




#62
4-Bromofluorobenzene
Concen: 36.128 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

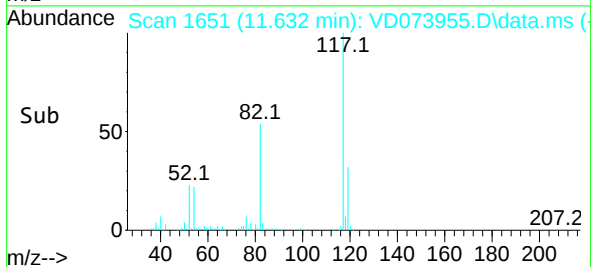
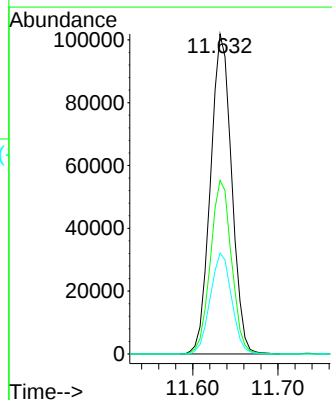
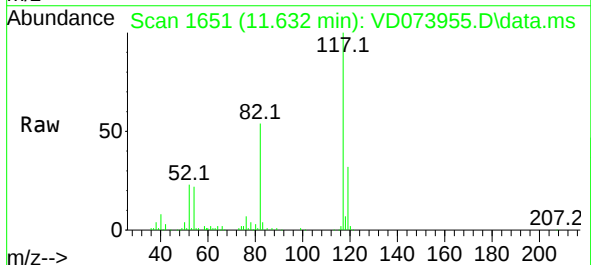
Instrument :
MSVOA_D
ClientSampleId :

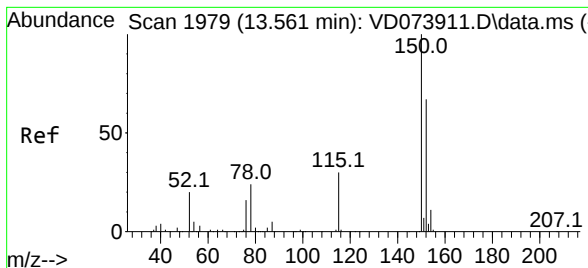
Tgt Ion: 95 Resp: 56420
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.2
176 76.8 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073955.D
Acq: 04 Aug 2022 16:11

Tgt Ion: 117 Resp: 175876
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 31.6 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

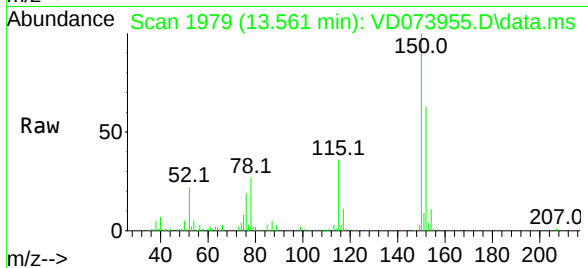
Lab File: VD073955.D

Acq: 04 Aug 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :



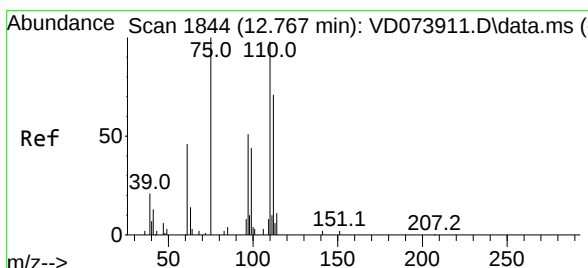
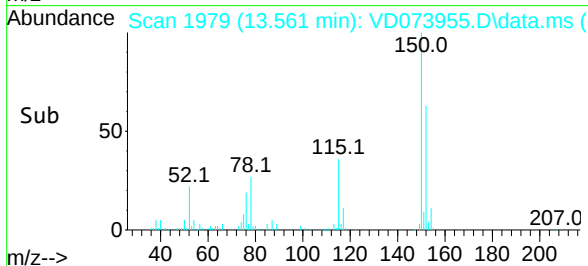
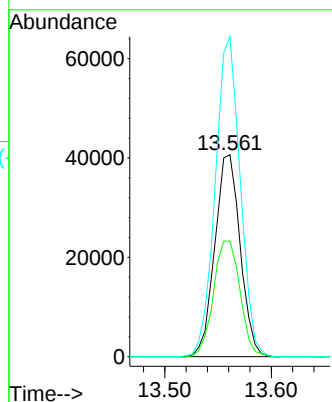
Tgt Ion:152 Resp: 67208

Ion Ratio Lower Upper

152 100

115 59.9 29.1 87.3

150 155.8 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 60.562 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073955.D

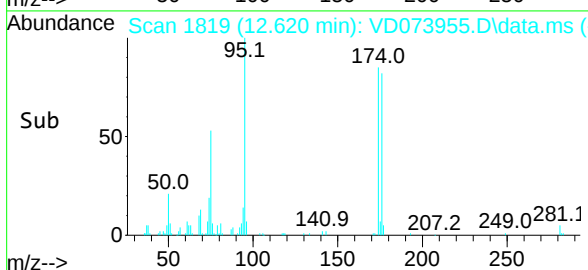
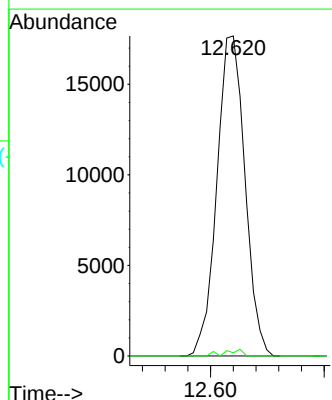
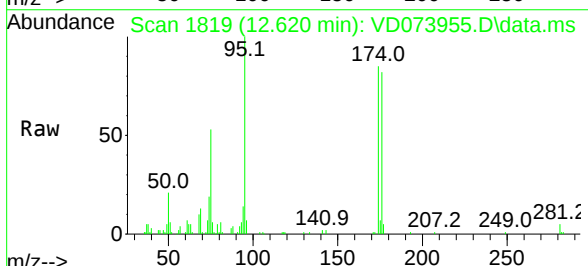
Acq: 04 Aug 2022 16:11

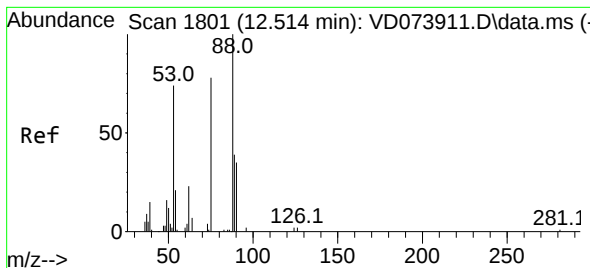
Tgt Ion: 75 Resp: 30356

Ion Ratio Lower Upper

75 100

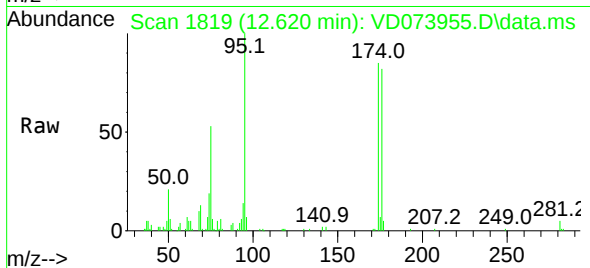
77 1.3 0.0 0.0#



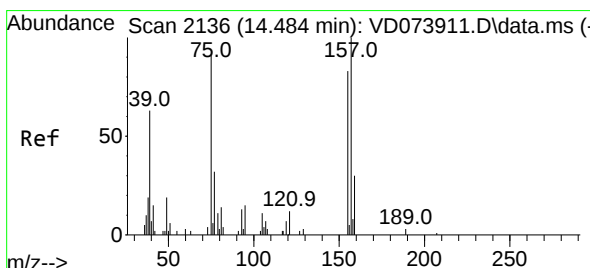
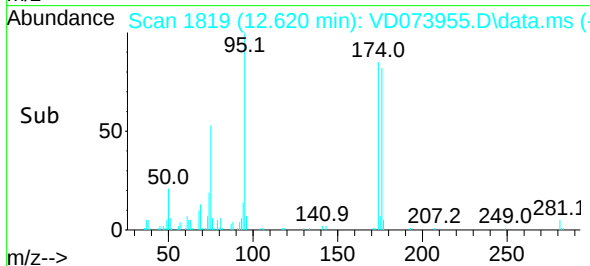
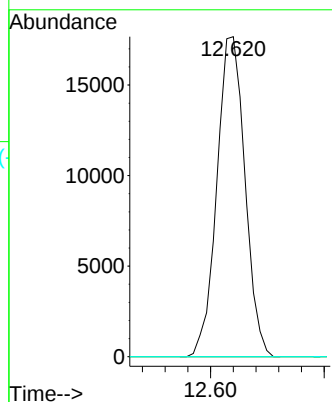


#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.583 ug/l
 RT: 12.620 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: VD073955.D
 Acq: 04 Aug 2022 16:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 30356
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.6 107.4#
 89 0.0 39.8 59.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.547 ug/l
 RT: 14.349 min Scan# 2113
 Delta R.T. -0.135 min
 Lab File: VD073955.D
 Acq: 04 Aug 2022 16:11

Tgt Ion: 75 Resp: 208
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 56.5 169.5#

