

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074013.D
 Acq On : 10 Aug 2022 03:53
 Operator : VA/SY
 Sample : N4046-19
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 04:49:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

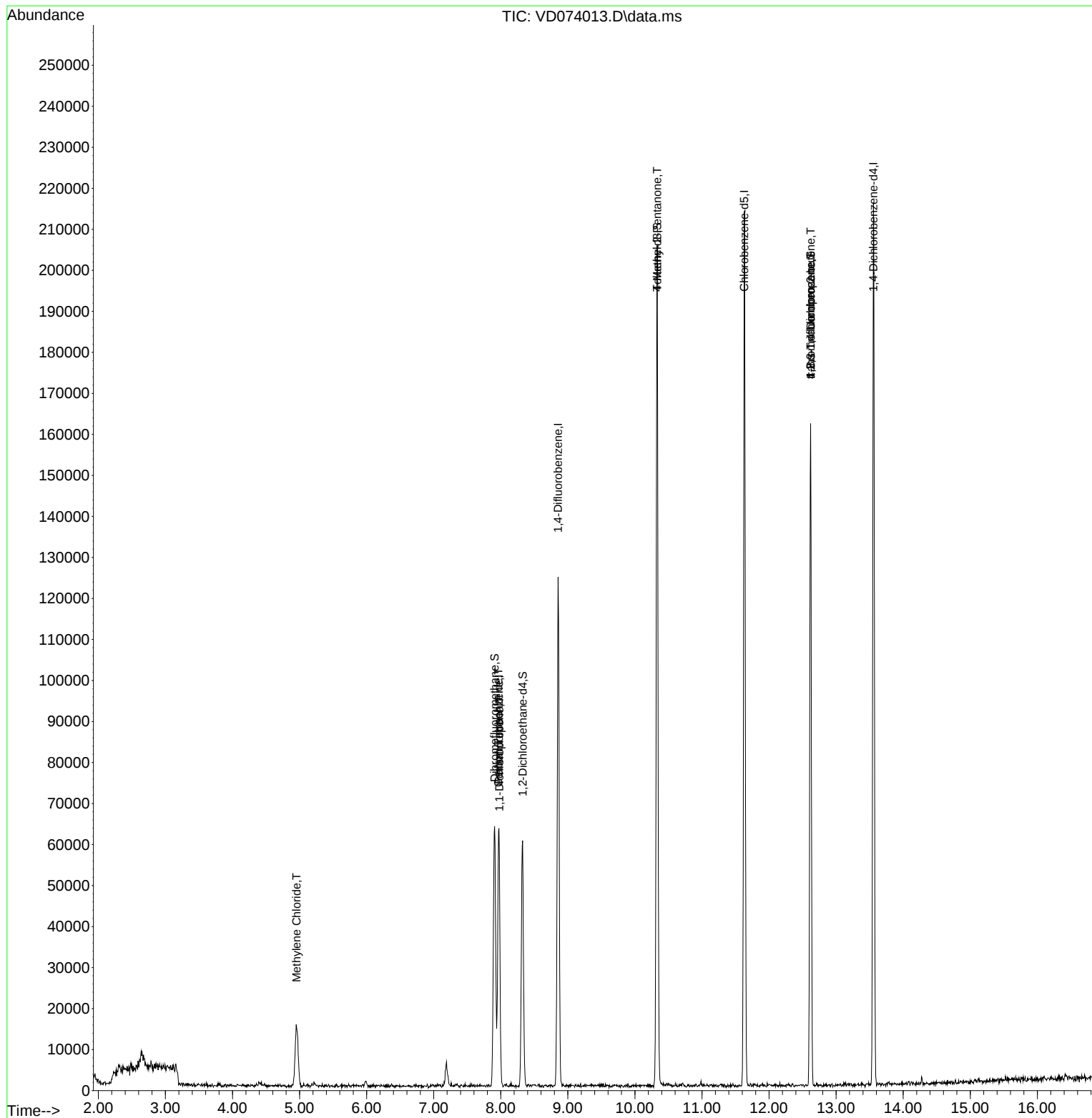
Internal Standards						
1) Pentafluorobenzene	7.973	168	44704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	102976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	117512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	57139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	48353	122.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 244.000%#	
35) Dibromofluoromethane	7.908	113	44716	71.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.160%	
50) Toluene-d8	10.332	98	135870	73.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 146.240%#	
62) 4-Bromofluorobenzene	12.620	95	51355	64.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.208	50	134	Below Cal	#	40
5) Bromomethane	2.773	94	397	Below Cal		94
11) Tert butyl alcohol	5.232	59	791	Below Cal		100
17) Carbon Disulfide	4.397	76	1329	Below Cal	#	73
18) Methyl Acetate	4.932	43	53	Below Cal	#	49
20) Methylene Chloride	4.955	84	11700	17.254	ug/l	92
31) Cyclohexane	7.955	56	1359	Below Cal	#	65
36) 1,1-Dichloropropene	7.979	75	3832	4.328	ug/l #	45
38) Carbon Tetrachloride	7.967	117	5278	5.063	ug/l #	13
51) 4-Methyl-2-Pentanone	10.332	43	661	1.759	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	28288	65.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	28288	140.385	ug/l #	13

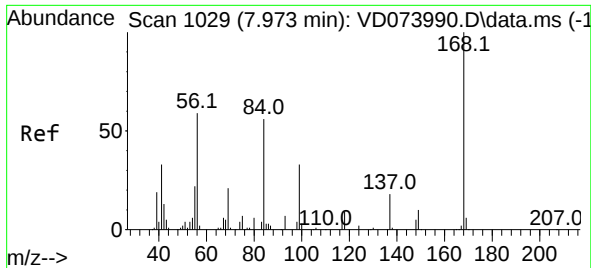
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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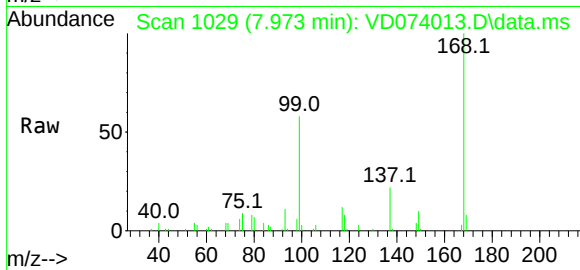
Quant Time: Aug 10 04:49:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
Quant Title : SW846 8260
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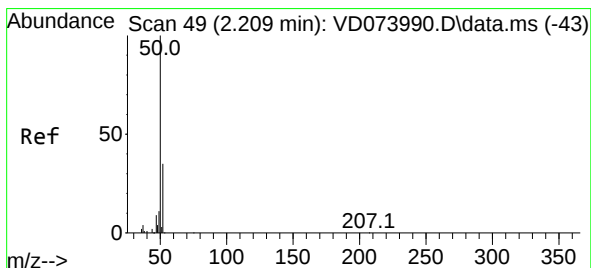
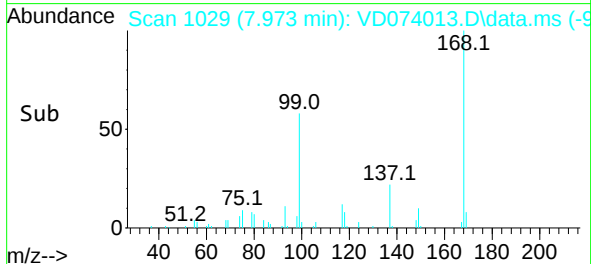
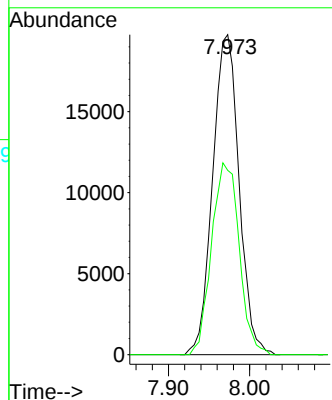


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :

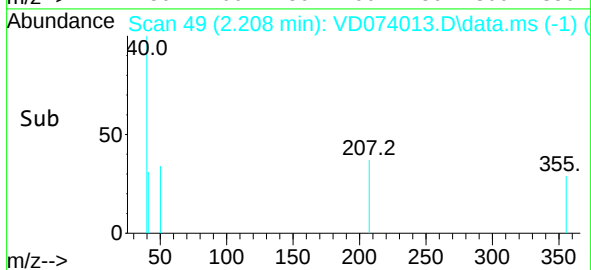
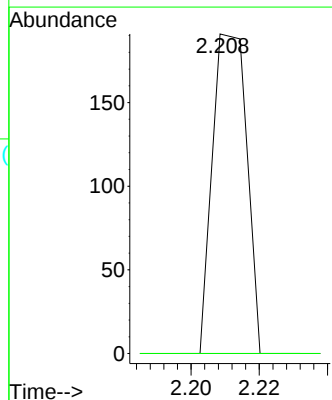
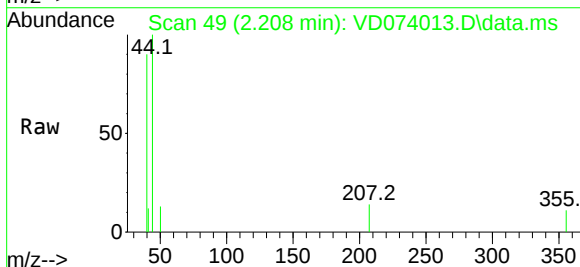


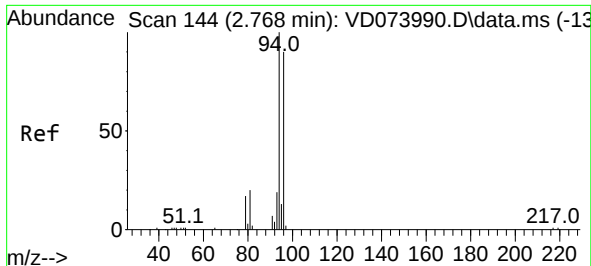
Tgt Ion:168 Resp: 44704
Ion Ratio Lower Upper
168 100
99 57.6 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

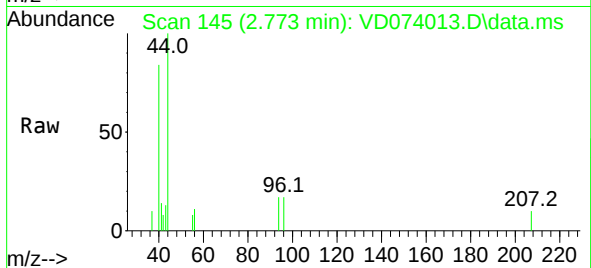
Tgt Ion: 50 Resp: 134
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#



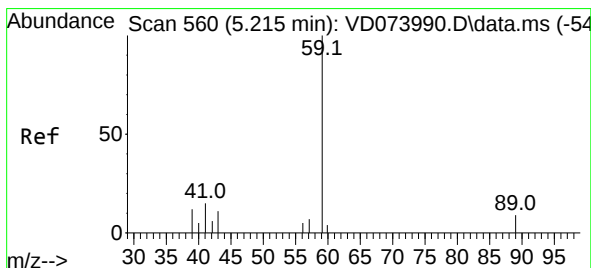
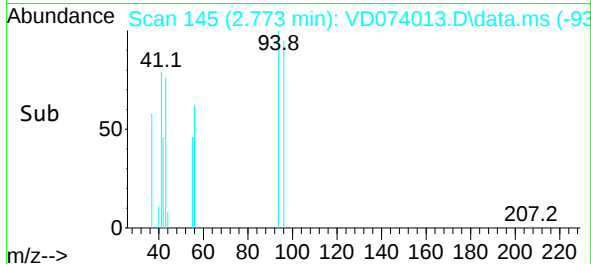
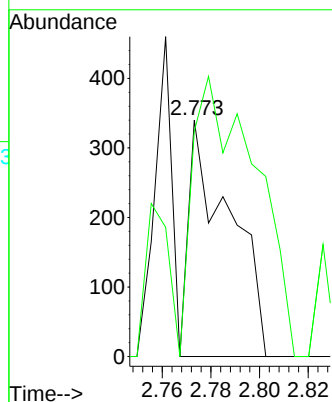


#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :

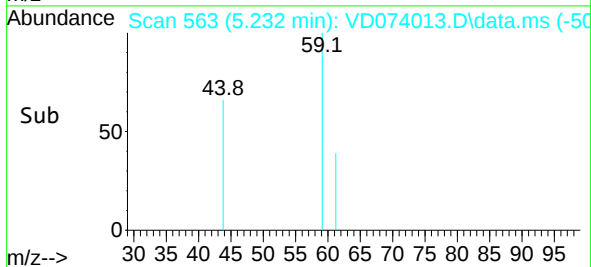
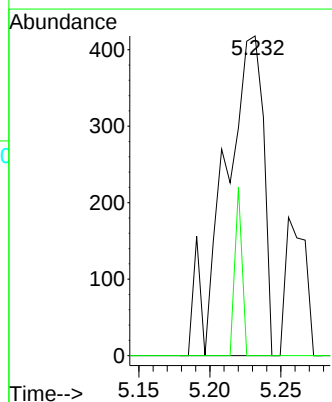
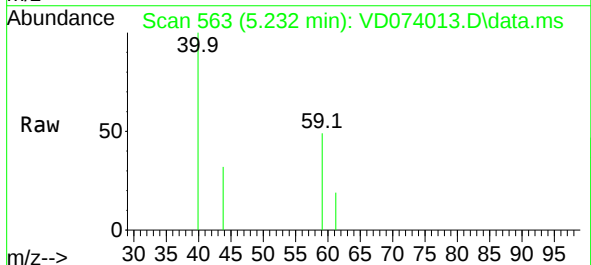


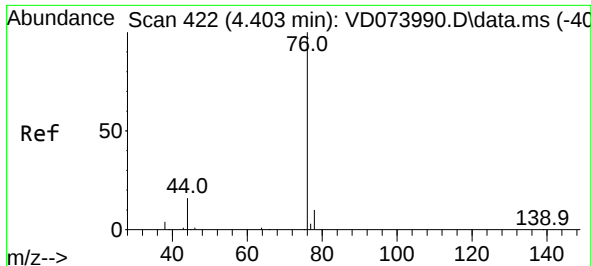
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 95.3 72.0 108.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.017 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

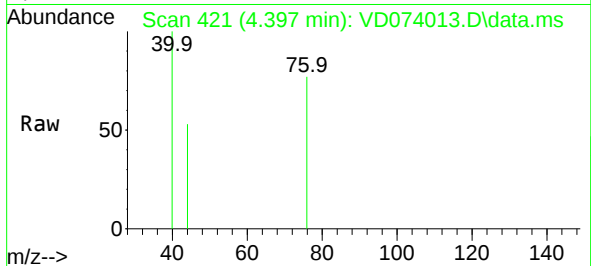
Tgt Ion: 59 Resp: 791
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6



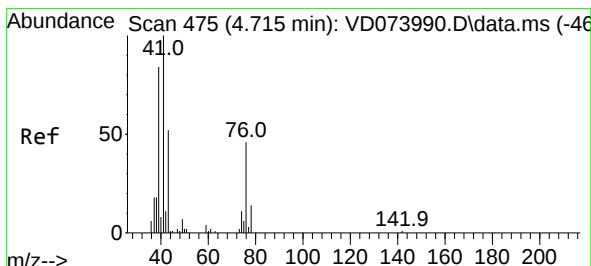
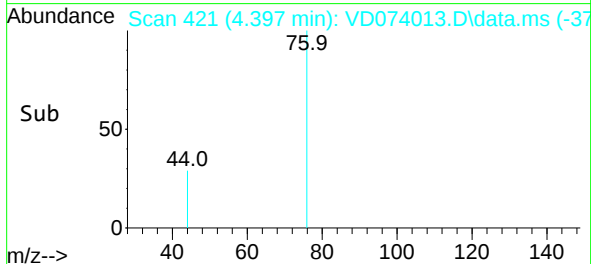
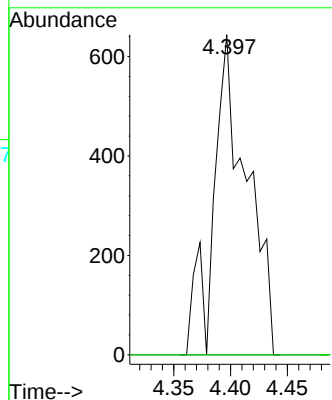


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :

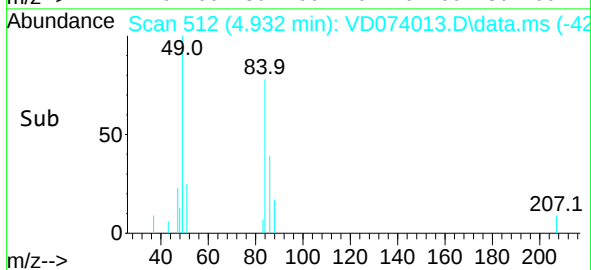
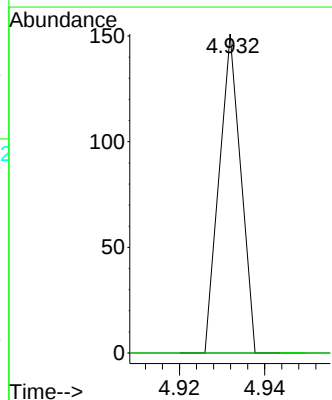
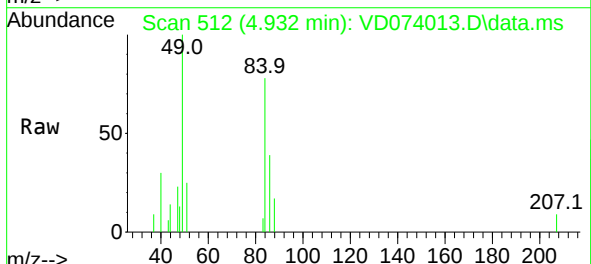


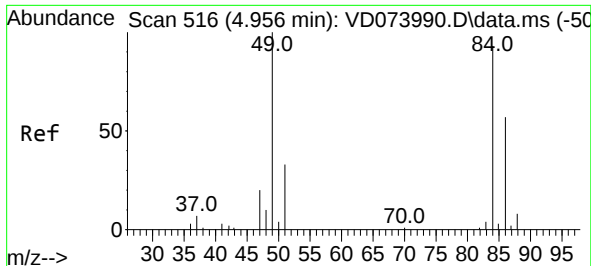
Tgt Ion: 76 Resp: 1329
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.932 min Scan# 512
Delta R.T. 0.217 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#





#20

Methylene Chloride

Concen: 17.254 ug/l

RT: 4.955 min Scan# 51

Delta R.T. -0.001 min

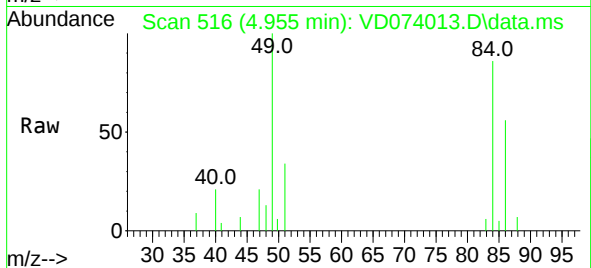
Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 11700

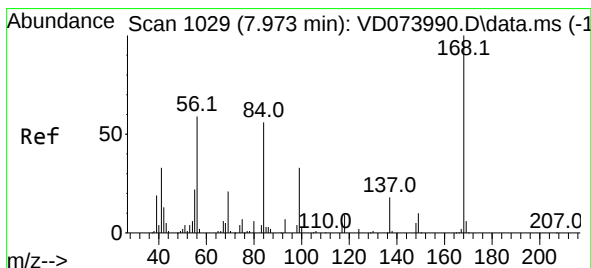
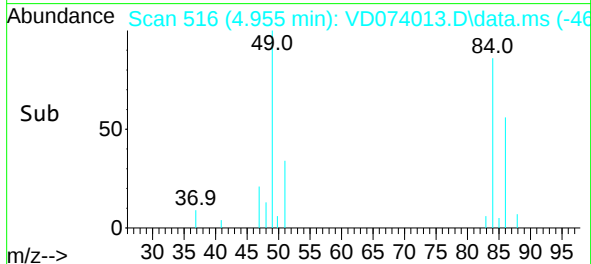
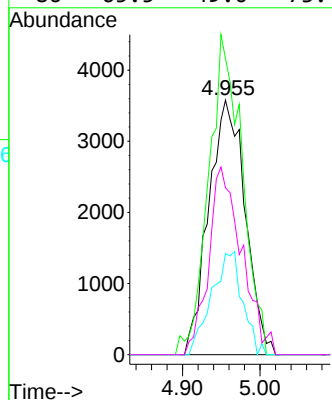
Ion Ratio Lower Upper

84 100

49 116.3 85.8 128.6

51 39.7 28.0 42.0

86 65.5 49.0 73.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.955 min Scan# 1026

Delta R.T. -0.018 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

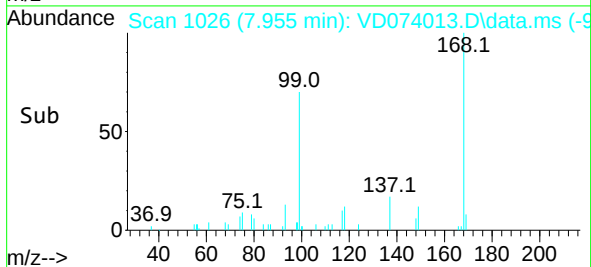
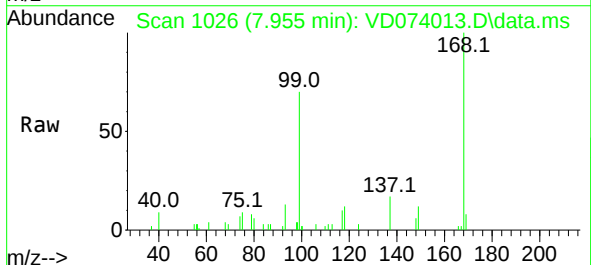
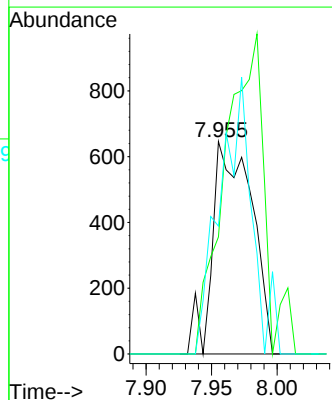
Tgt Ion: 56 Resp: 1359

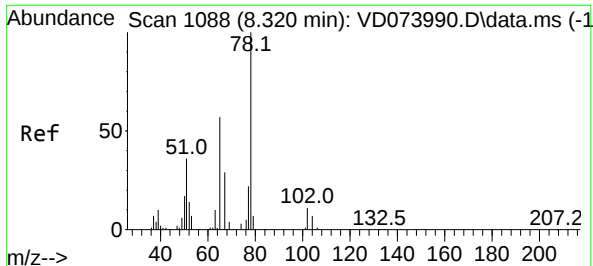
Ion Ratio Lower Upper

56 100

69 55.1 27.9 41.9#

84 60.2 75.8 113.6#





#33

1,2-Dichloroethane-d4

Concen: 122.000 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Instrument :

MSVOA_D

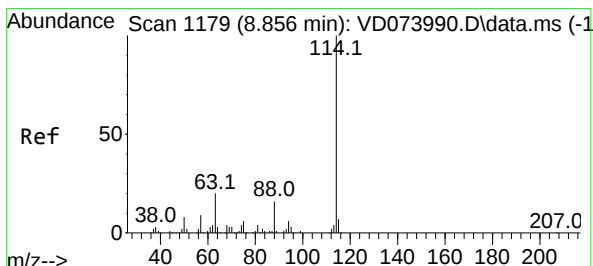
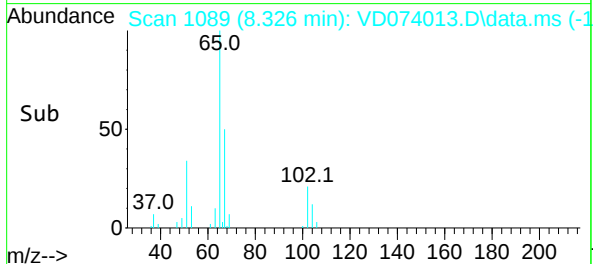
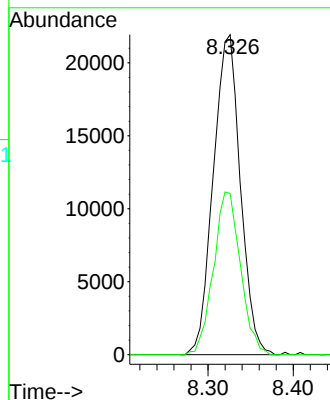
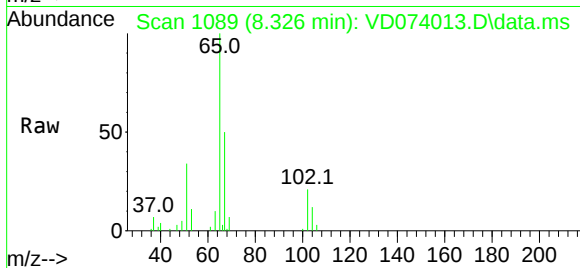
ClientSampleId :

Tgt Ion: 65 Resp: 48353

Ion Ratio Lower Upper

65 100

67 50.7 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

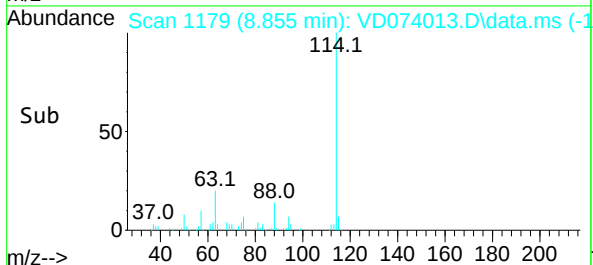
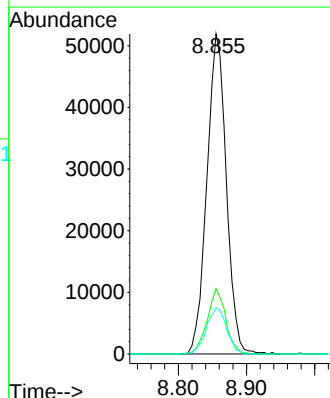
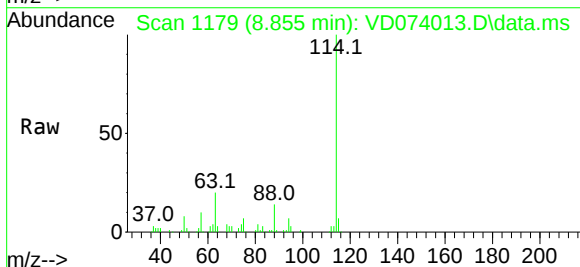
Tgt Ion: 114 Resp: 102976

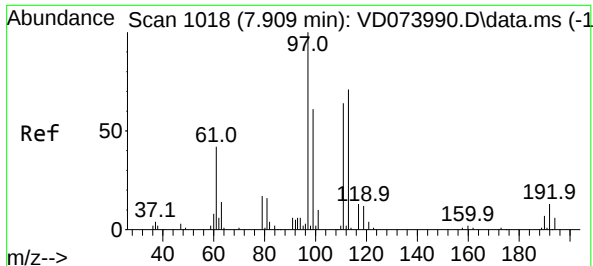
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 71.085 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

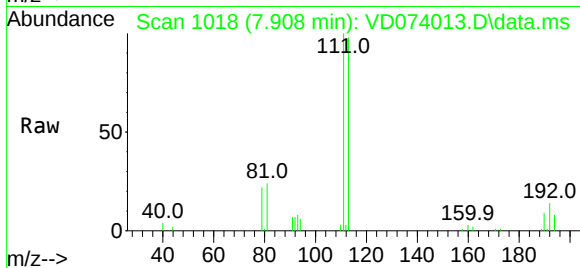
Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :



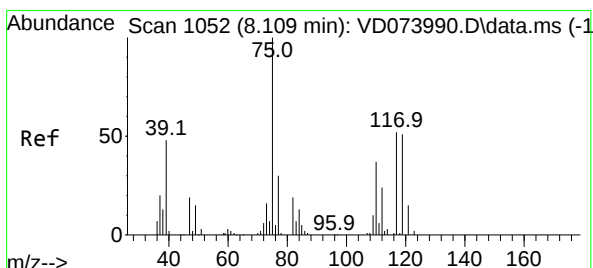
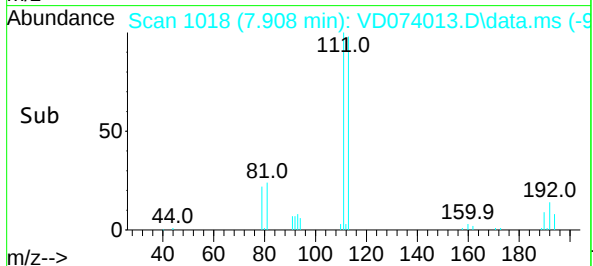
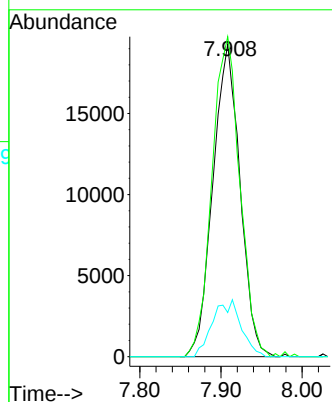
Tgt Ion:113 Resp: 44716

Ion Ratio Lower Upper

113 100

111 105.4 80.0 120.0

192 19.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.328 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

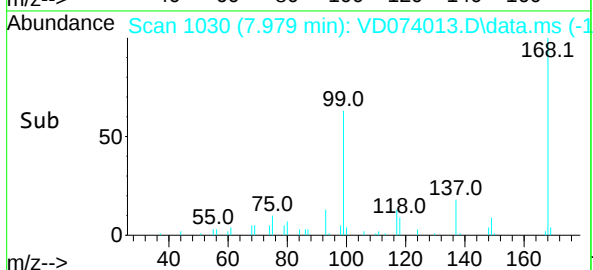
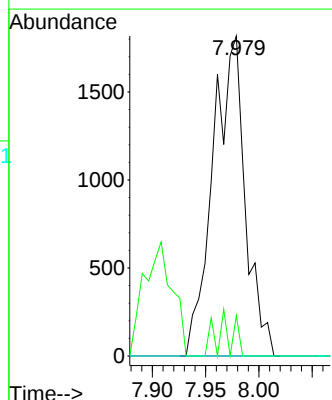
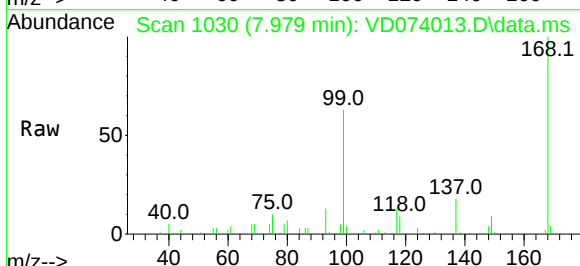
Tgt Ion: 75 Resp: 3832

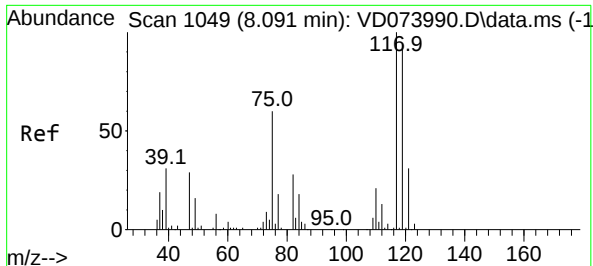
Ion Ratio Lower Upper

75 100

110 4.5 18.4 55.4#

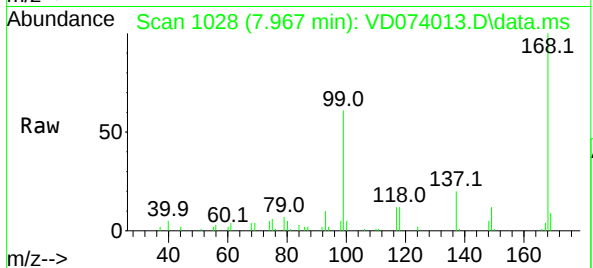
77 0.0 24.6 36.8#



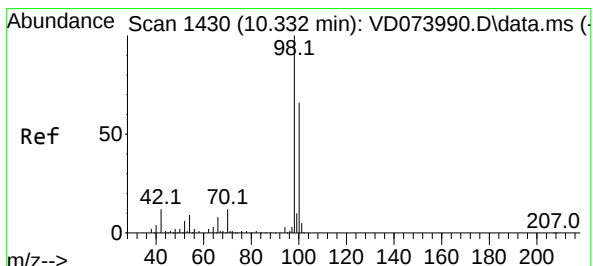
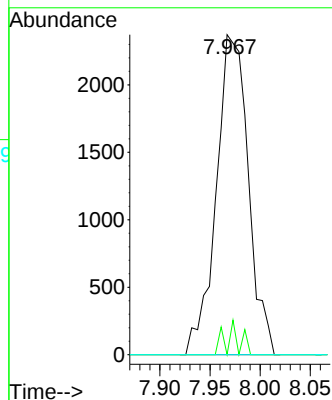
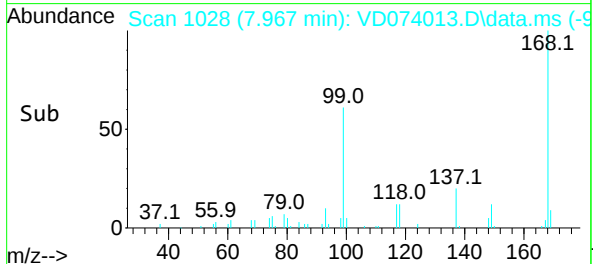


#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :

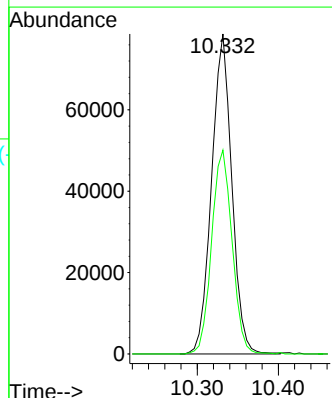
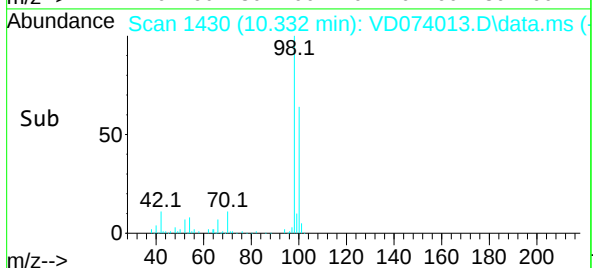
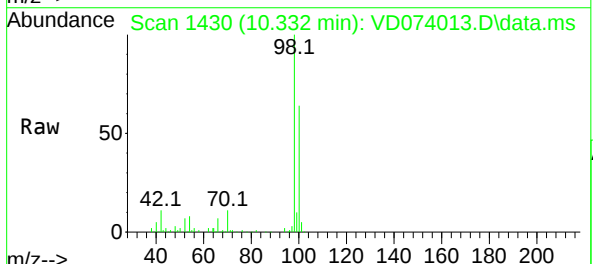


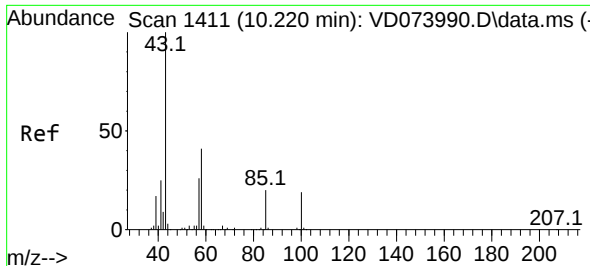
Tgt Ion:117 Resp: 5278
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 73.118 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Tgt Ion: 98 Resp: 135870
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9

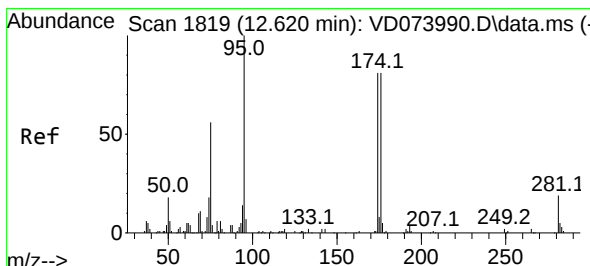
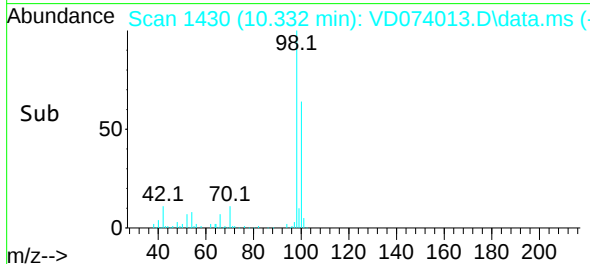
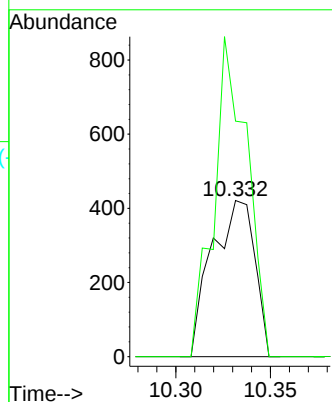
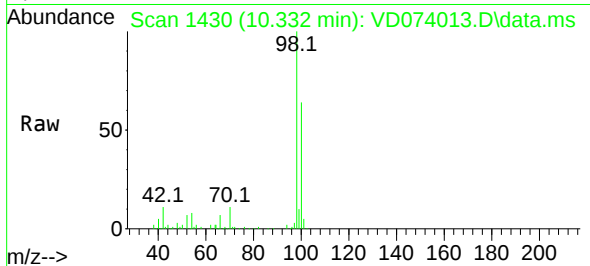




#51
4-Methyl-2-Pentanone
Concen: 1.759 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.111 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

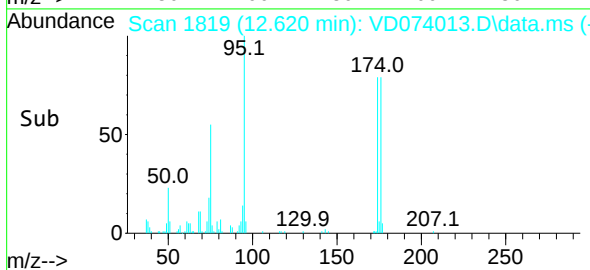
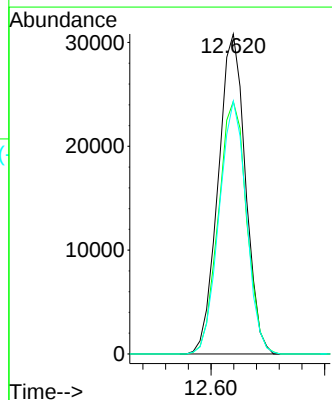
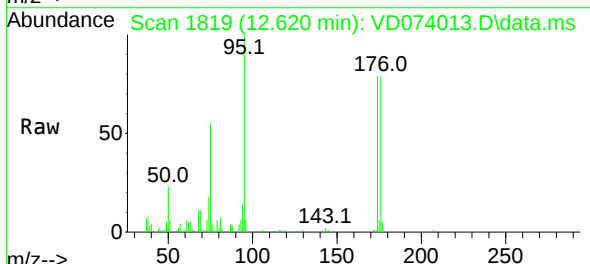
Instrument :
MSVOA_D
ClientSampleId :

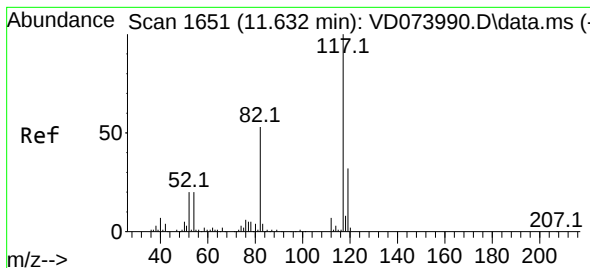
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 159.0 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 64.304 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Tgt Ion: 95 Resp: 51355
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.6
176 78.5 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

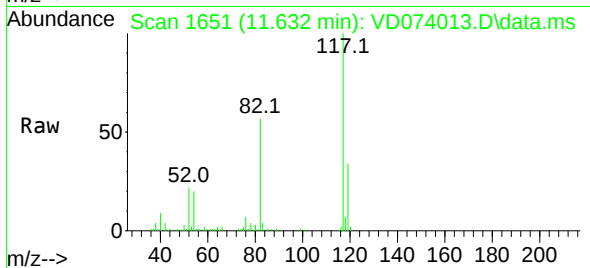
Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :



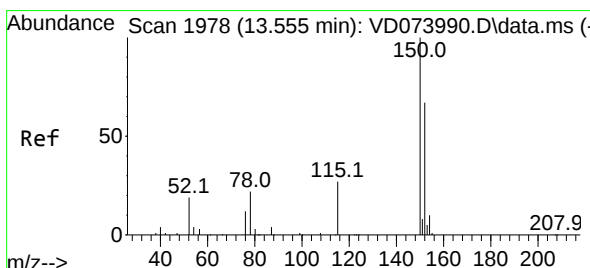
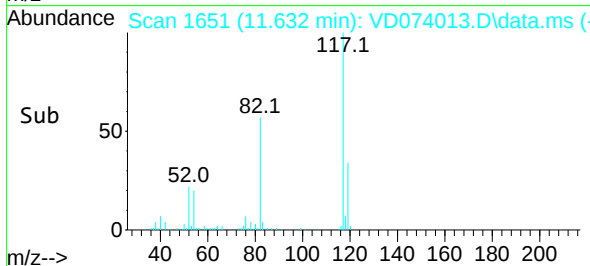
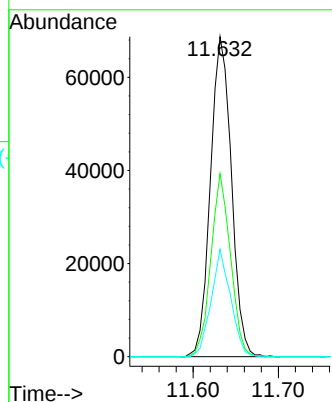
Tgt Ion:117 Resp: 117512

Ion Ratio Lower Upper

117 100

82 57.2 42.7 64.1

119 33.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.000 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

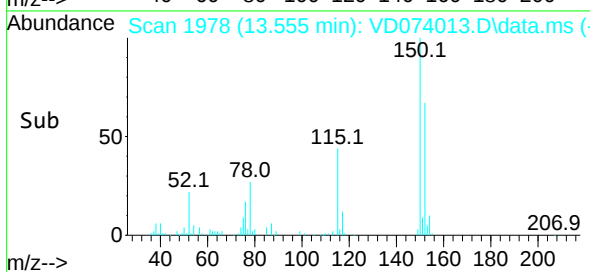
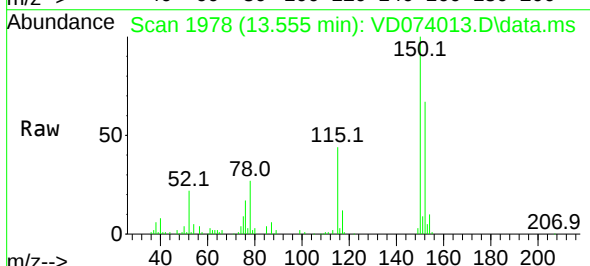
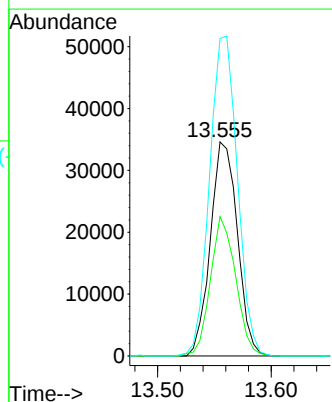
Tgt Ion:152 Resp: 57139

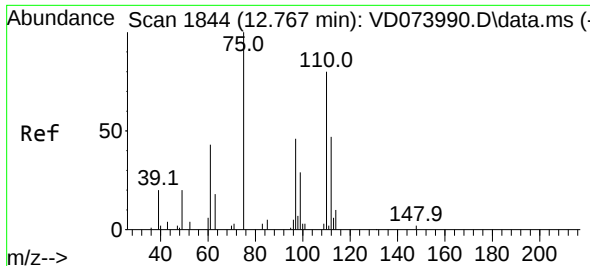
Ion Ratio Lower Upper

152 100

115 60.8 29.9 89.8

150 154.0 0.0 342.8

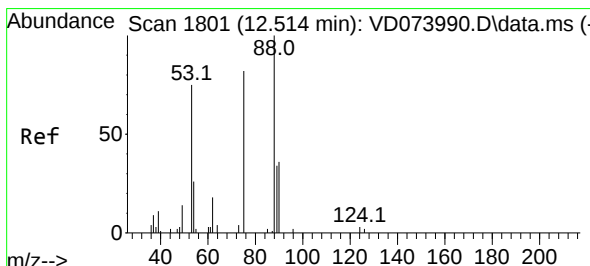
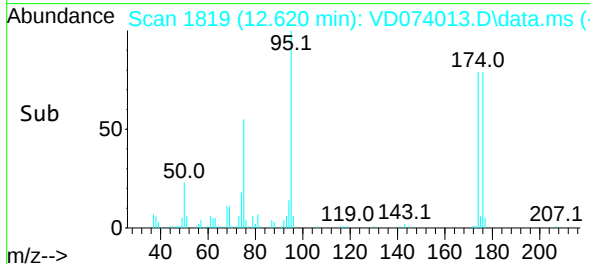
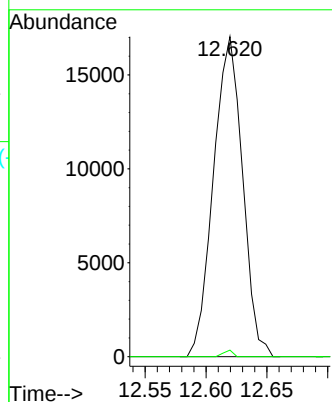
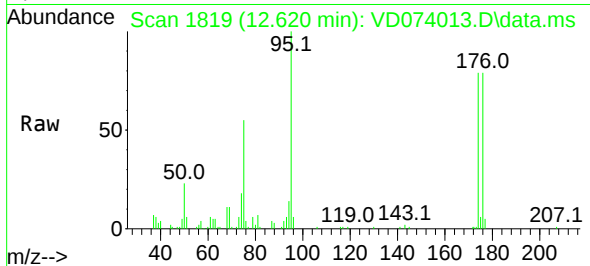




#76
1,2,3-Trichloropropane
Concen: 65.317 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 28288
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.385 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.105 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Tgt Ion: 75 Resp: 28288
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

