

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074072.D
 Acq On : 12 Aug 2022 19:43
 Operator : VA/SY
 Sample : N4150-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 12 23:48:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

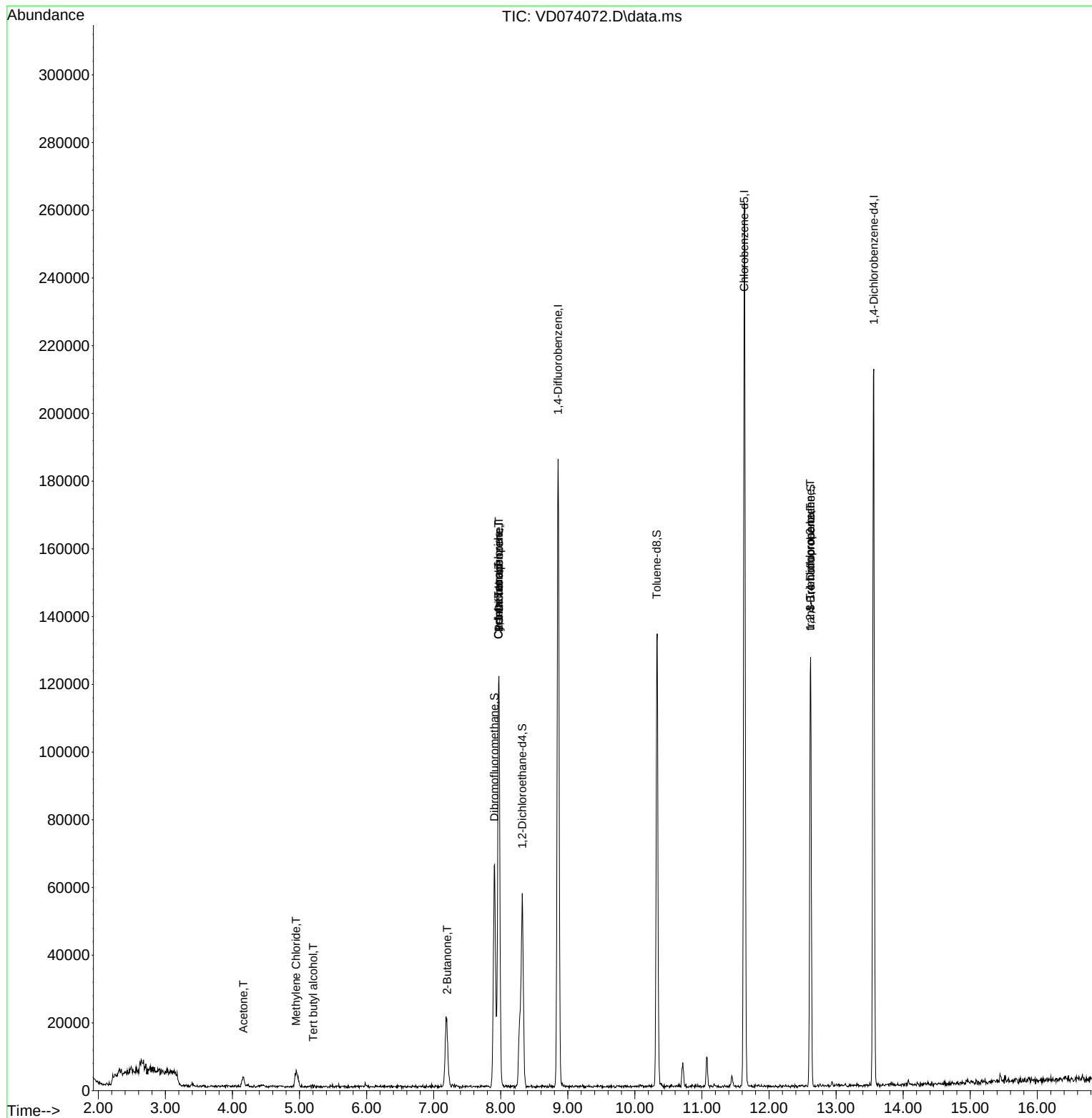
Internal Standards						
1) Pentafluorobenzene	7.973	168	85580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	160252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	147355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	41626	63.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.400%
35) Dibromofluoromethane	7.903	113	44141	41.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.940%
50) Toluene-d8	10.326	98	90400	30.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	60.460%
62) 4-Bromofluorobenzene	12.620	95	39924	30.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	442	Below Cal		92
3) Chloromethane	2.209	50	494	Below Cal	#	40
11) Tert butyl alcohol	5.203	59	113	9.892	ug/l #	74
16) Acetone	4.162	43	5016	36.631	ug/l	92
18) Methyl Acetate	4.732	43	62	Below Cal	#	49
20) Methylene Chloride	4.950	84	3905	1.375	ug/l #	83
25) 2-Butanone	7.203	43	743	3.470	ug/l #	46
31) Cyclohexane	7.967	56	2025	1.348	ug/l #	28
36) 1,1-Dichloropropene	7.973	75	8308	5.129	ug/l #	49
38) Carbon Tetrachloride	7.967	117	10279	5.629	ug/l #	19
76) 1,2,3-Trichloropropane	12.614	75	21951	42.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	21951	112.381	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.255	75	65	Below Cal	#	1

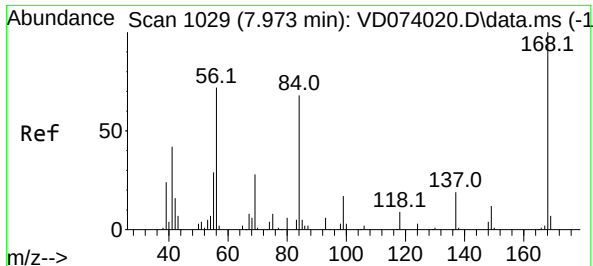
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
Data File : VD074072.D
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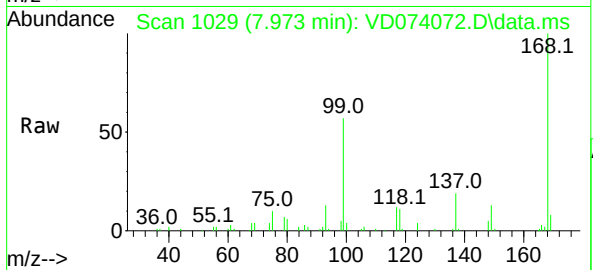
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration



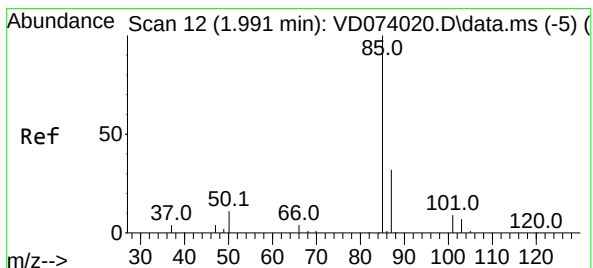
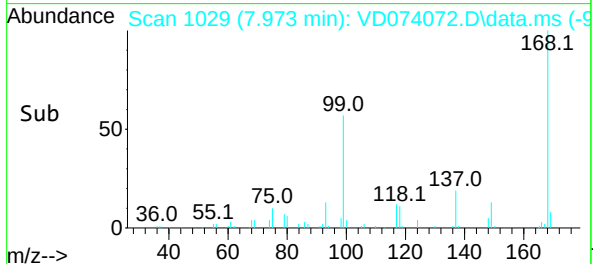
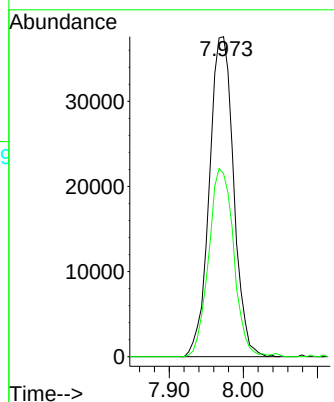


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Instrument :
MSVOA_D
ClientSampleId :

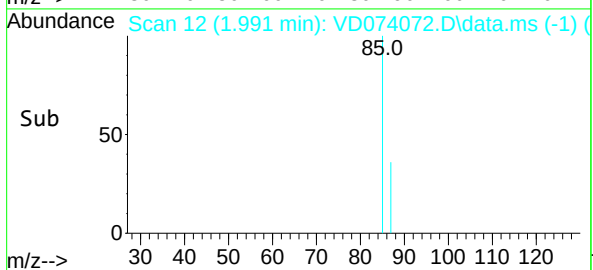
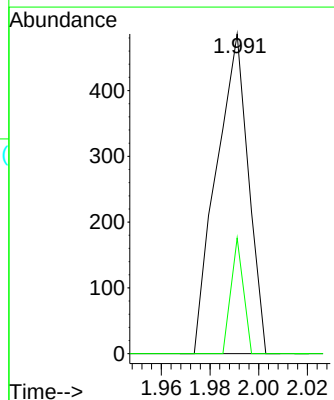
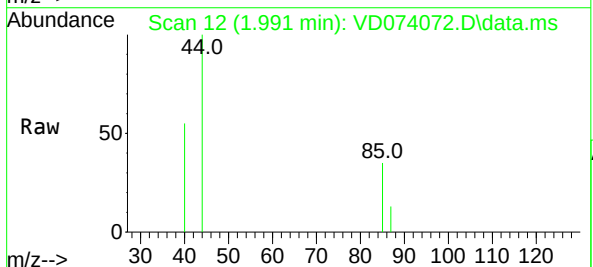


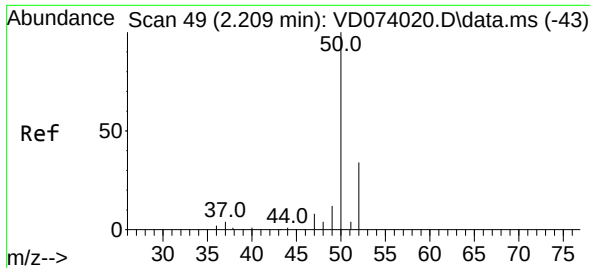
Tgt Ion:168 Resp: 85580
Ion Ratio Lower Upper
168 100
99 57.2 48.3 72.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

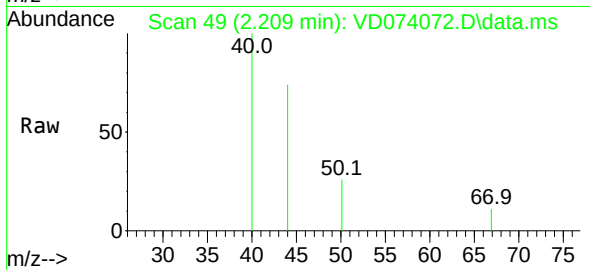
Tgt Ion: 85 Resp: 442
Ion Ratio Lower Upper
85 100
87 36.2 16.0 47.9



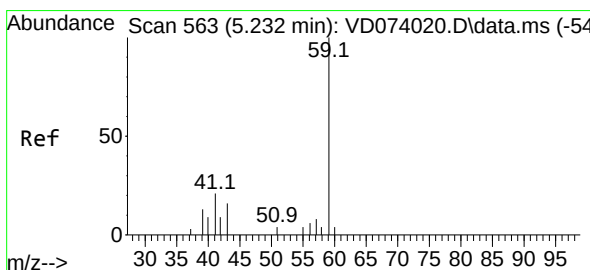
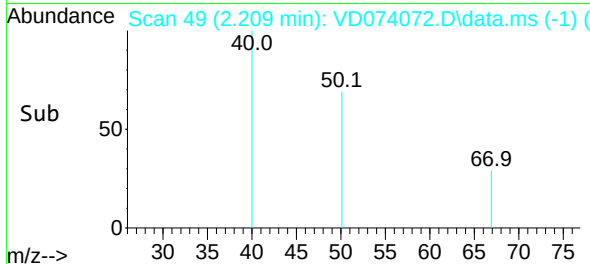
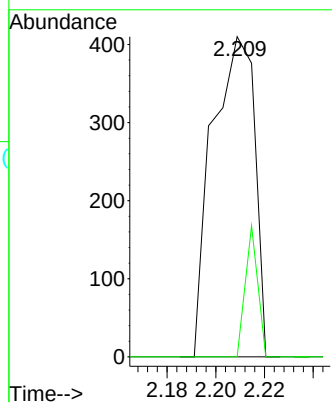


#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Instrument :
MSVOA_D
ClientSampleId :

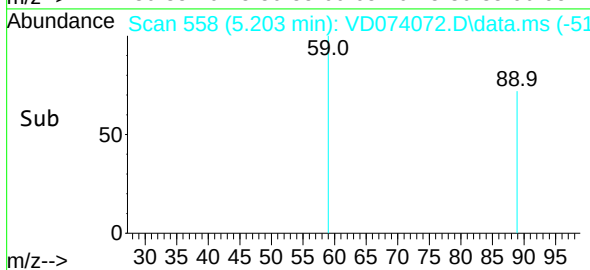
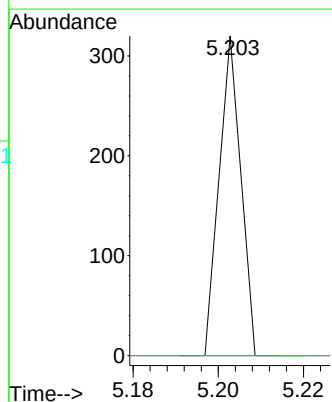
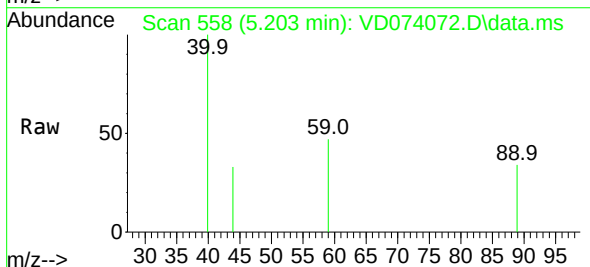


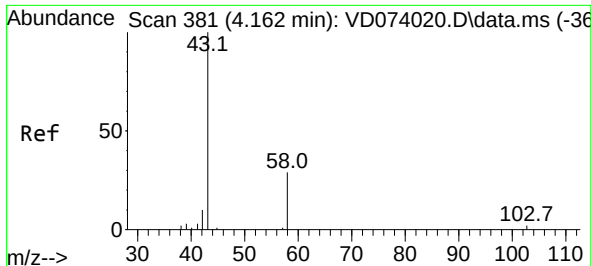
Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#



#11
Tert butyl alcohol
Concen: 9.892 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.029 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

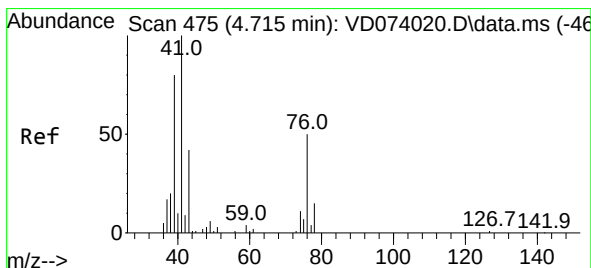
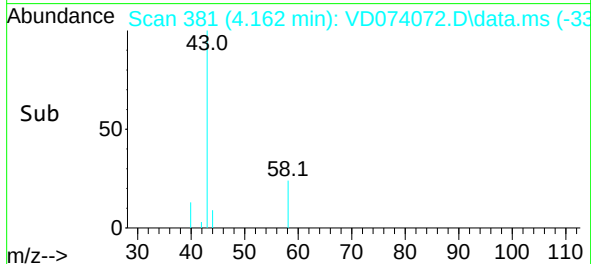
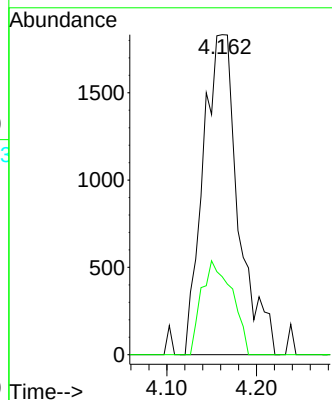
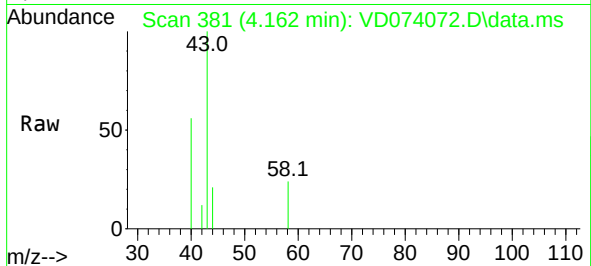




#16
Acetone
Concen: 36.631 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

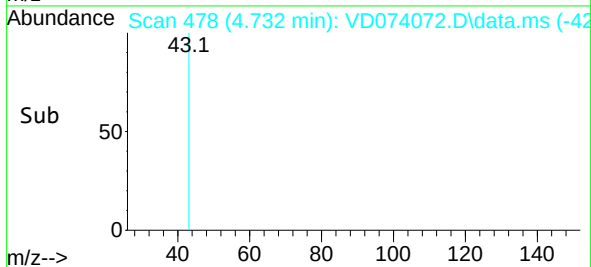
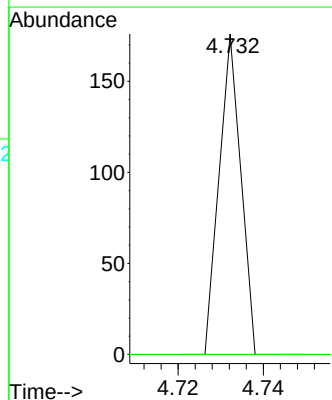
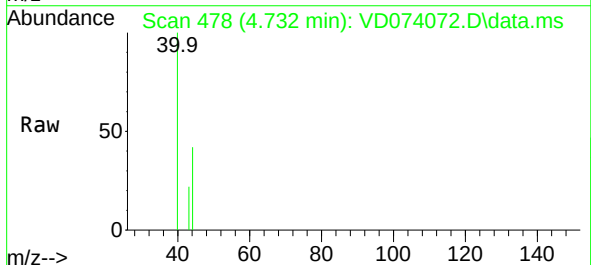
Instrument :
MSVOA_D
ClientSampleId :

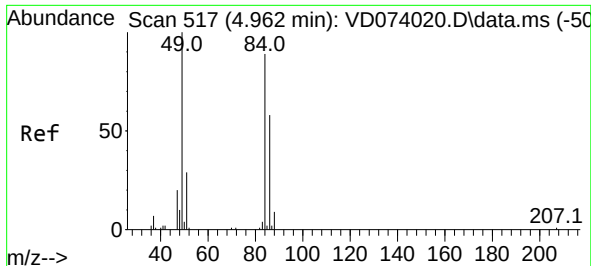
Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
58 24.4 22.8 34.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

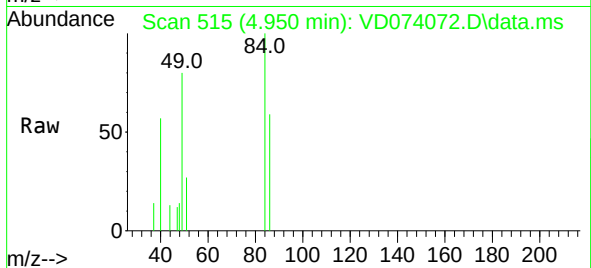
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



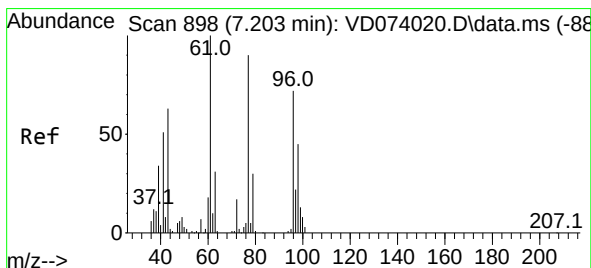
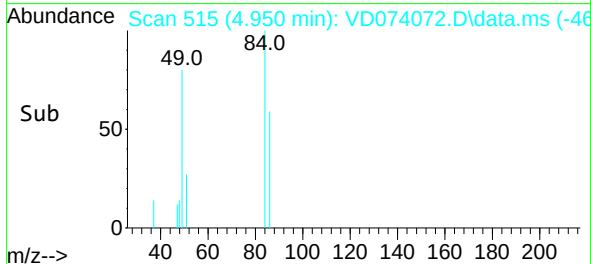
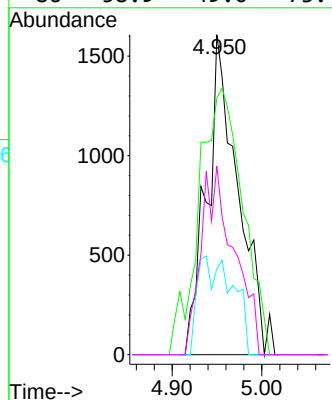


#20
Methylene Chloride
Concen: 1.375 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Instrument :
MSVOA_D
ClientSampleId :

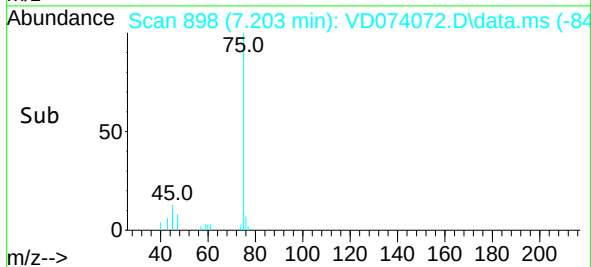
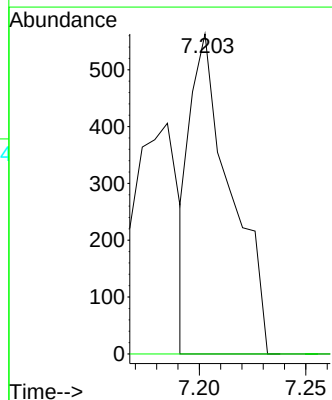
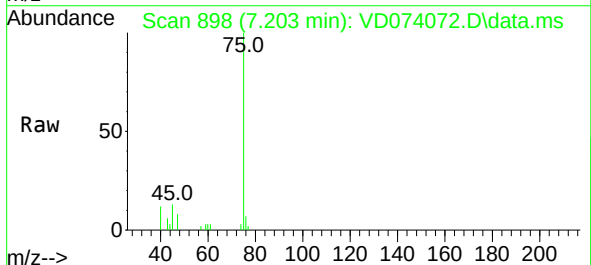


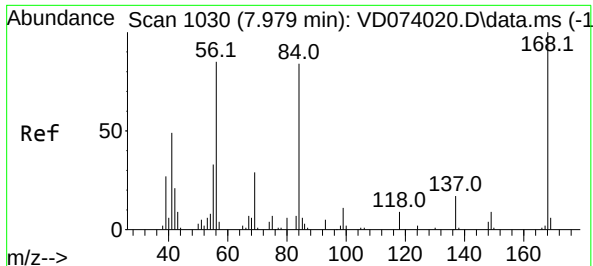
Tgt Ion: 84 Resp: 3905
Ion Ratio Lower Upper
84 100
49 80.2 85.8 128.6#
51 26.9 28.0 42.0#
86 58.9 49.0 73.4



#25
2-Butanone
Concen: 3.470 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

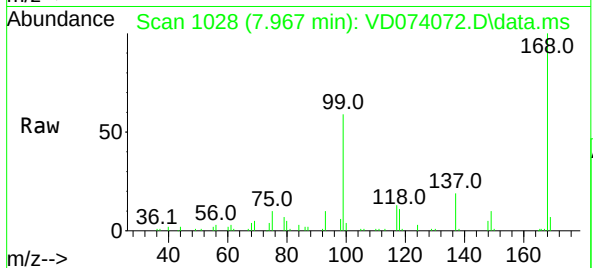
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



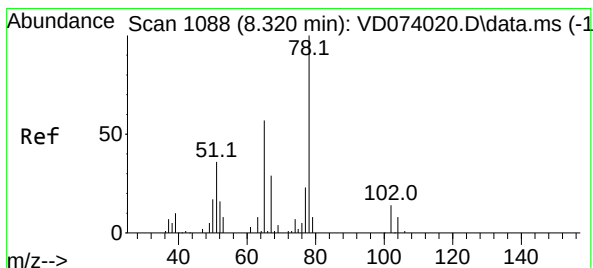
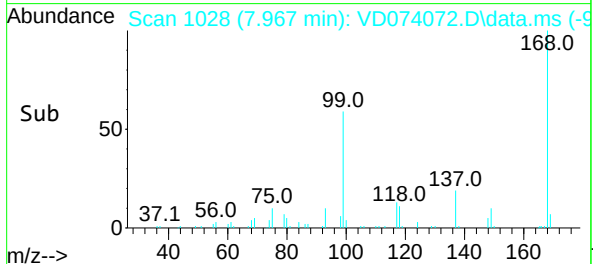
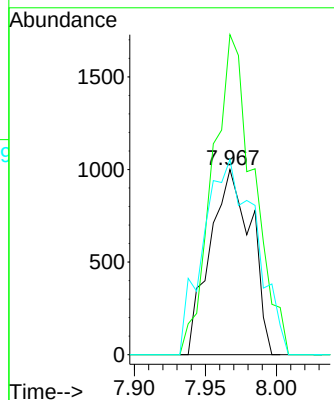


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Instrument :
MSVOA_D
ClientSampleId :

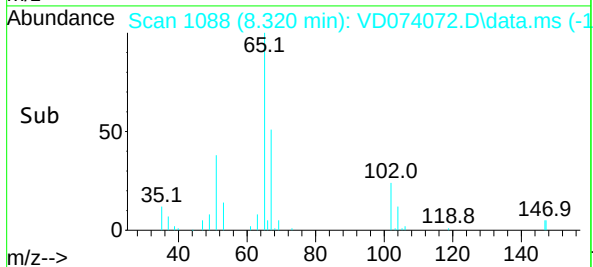
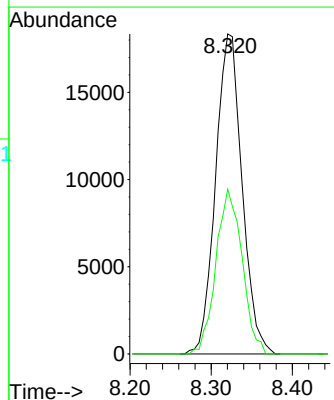
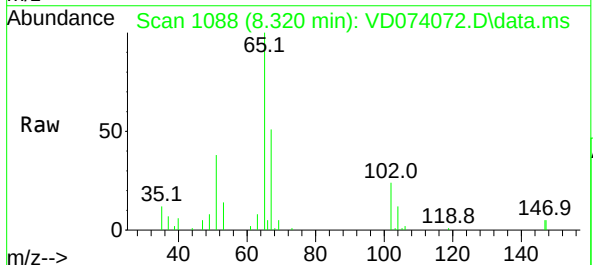


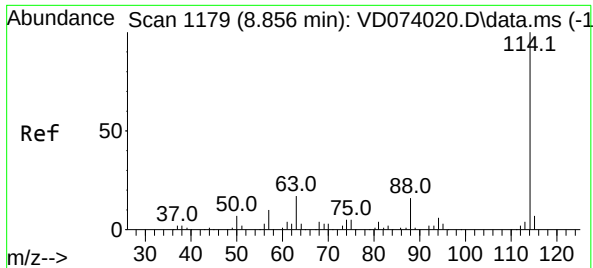
Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 172.8 27.9 41.9#
84 105.4 75.8 113.6



#33
1,2-Dichloroethane-d4
Concen: 63.705 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Tgt Ion: 65 Resp: 41626
Ion Ratio Lower Upper
65 100
67 50.8 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074072.D

Acq: 12 Aug 2022 19:43

Instrument :

MSVOA_D

ClientSampleId :

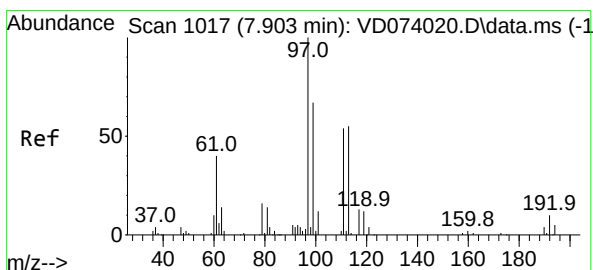
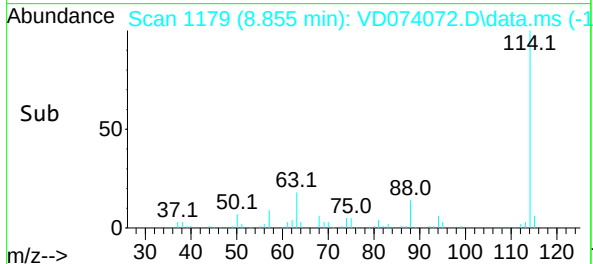
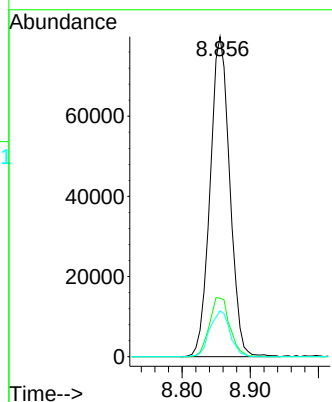
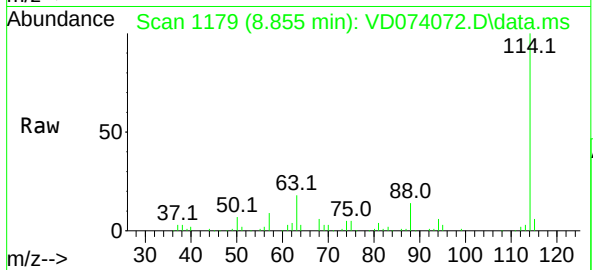
Tgt Ion:114 Resp: 160252

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 14.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 41.471 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074072.D

Acq: 12 Aug 2022 19:43

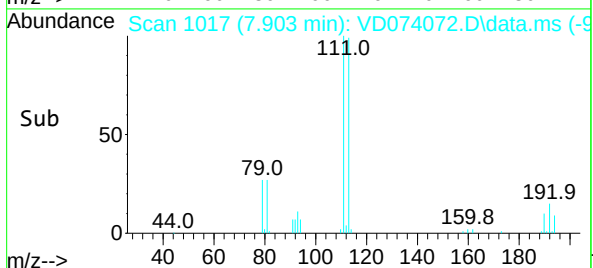
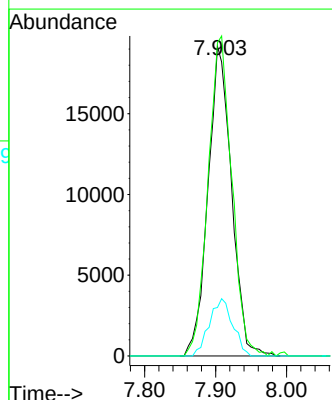
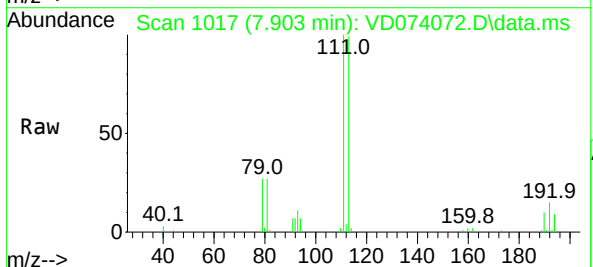
Tgt Ion:113 Resp: 44141

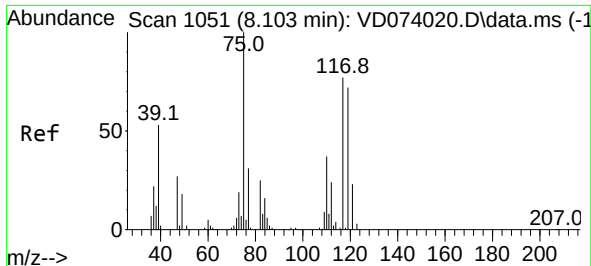
Ion Ratio Lower Upper

113 100

111 104.0 80.0 120.0

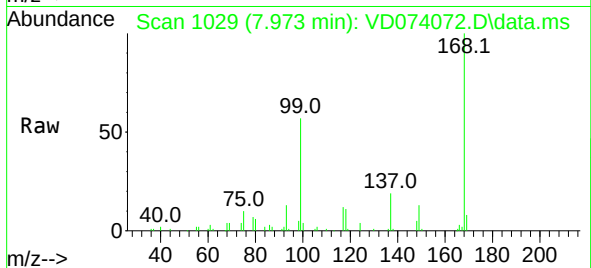
192 18.4 14.2 21.4



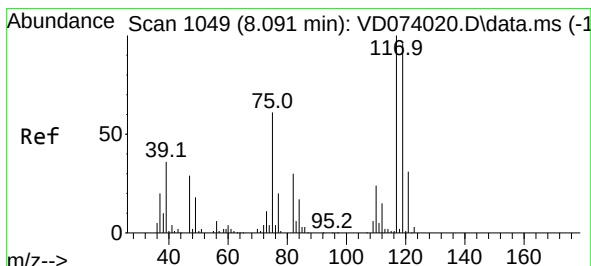
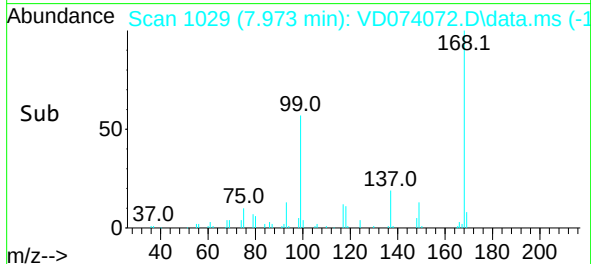
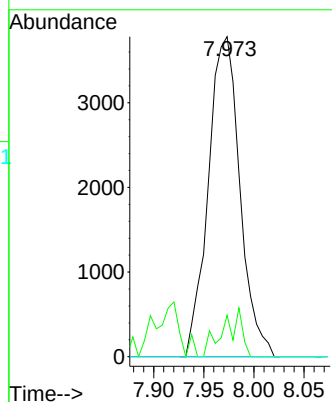


#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.130 min
 Lab File: VD074072.D
 Acq: 12 Aug 2022 19:43

Instrument :
 MSVOA_D
 ClientSampleId :

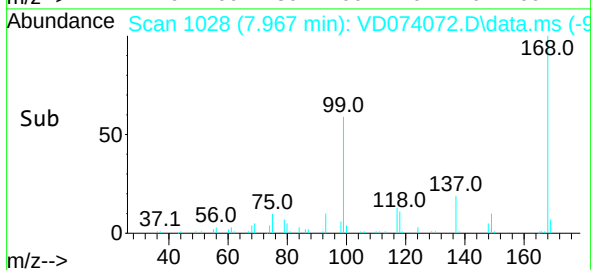
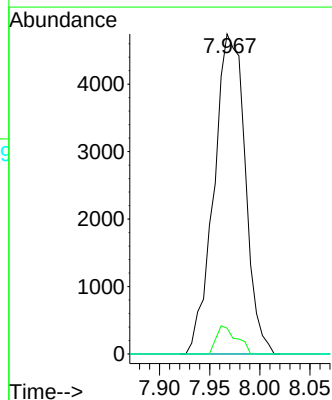
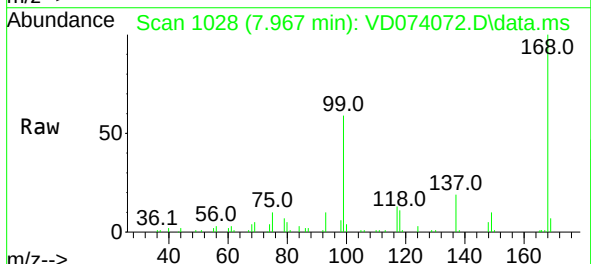


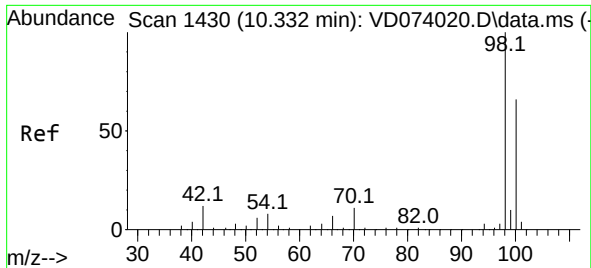
Tgt Ion: 75 Resp: 8308
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.4#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.629 ug/l
 RT: 7.967 min Scan# 1028
 Delta R.T. -0.124 min
 Lab File: VD074072.D
 Acq: 12 Aug 2022 19:43

Tgt Ion: 117 Resp: 10279
 Ion Ratio Lower Upper
 117 100
 119 8.1 75.4 113.2#
 121 0.0 25.2 37.8#

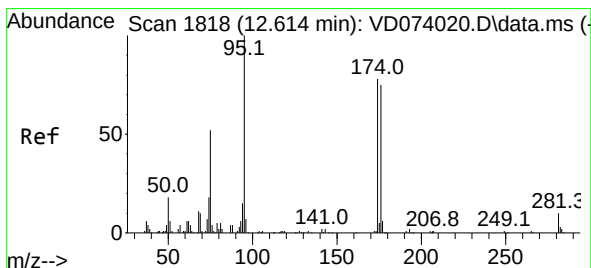
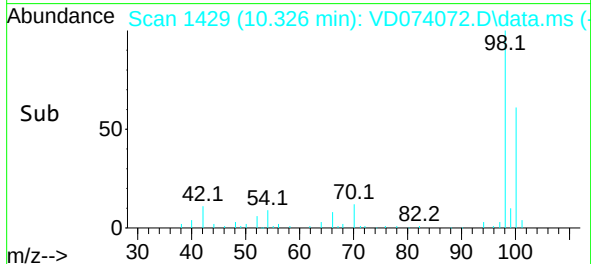
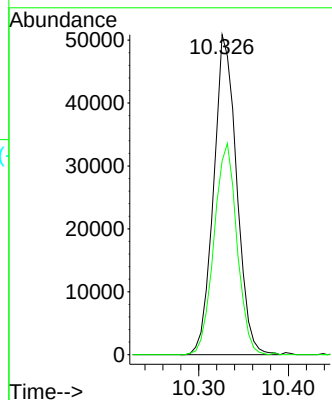
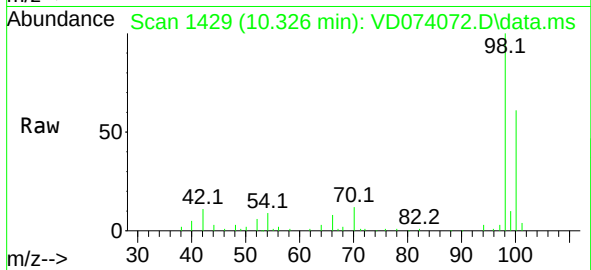




#50
Toluene-d8
Concen: 30.226 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

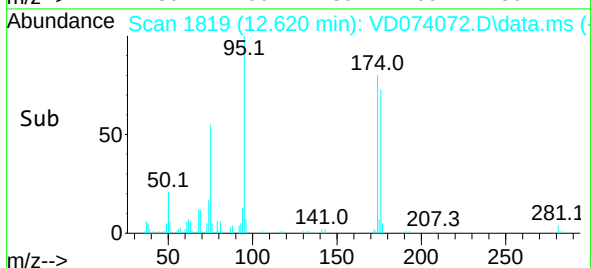
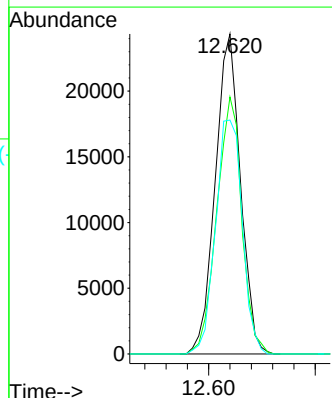
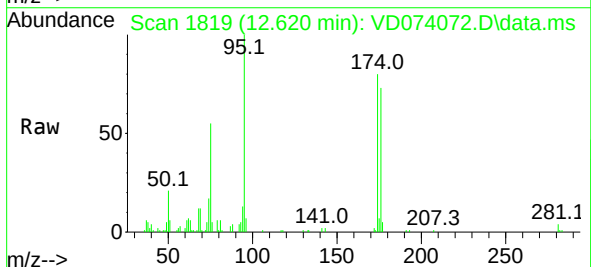
Instrument :
MSVOA_D
ClientSampleId :

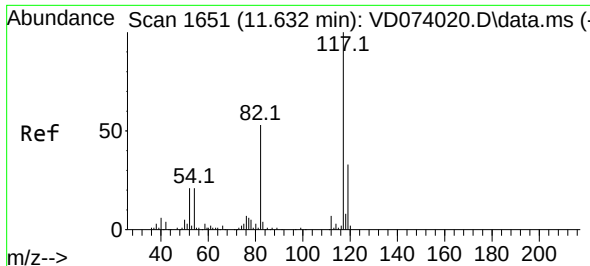
Tgt Ion: 98 Resp: 90400
Ion Ratio Lower Upper
98 100
100 65.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 30.502 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Tgt Ion: 95 Resp: 39924
Ion Ratio Lower Upper
95 100
174 79.9 0.0 162.6
176 77.6 0.0 160.0

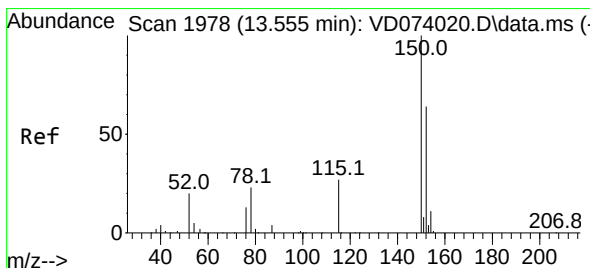
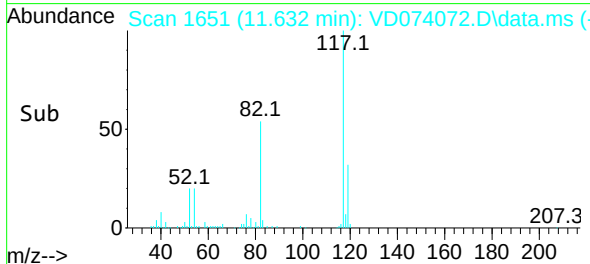
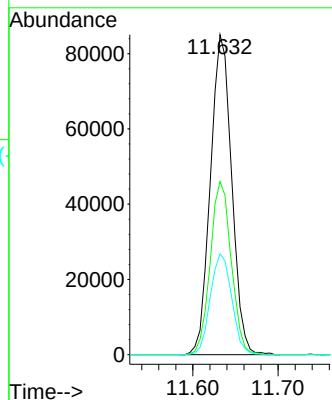
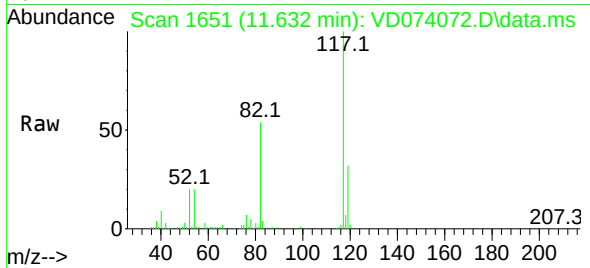




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

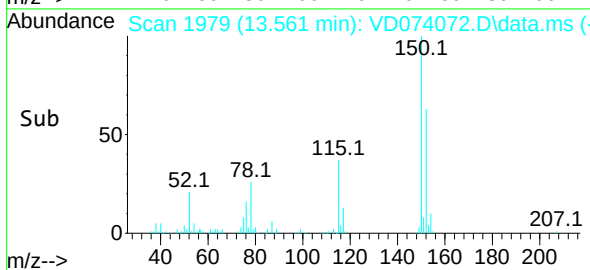
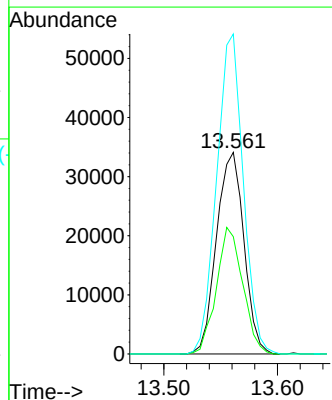
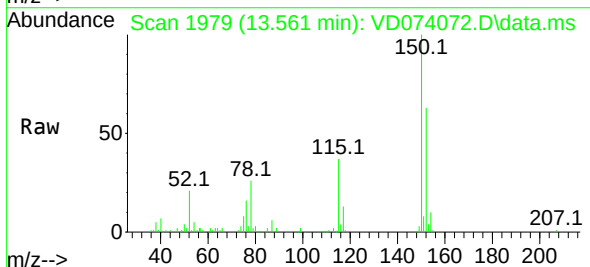
Instrument :
MSVOA_D
ClientSampleId :

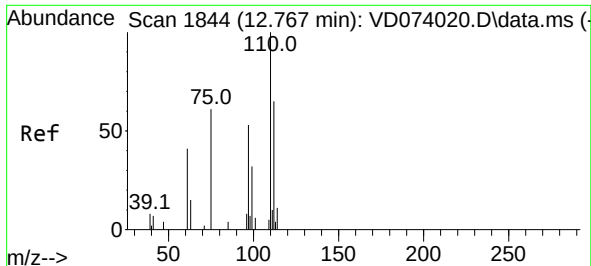
Tgt Ion:117 Resp: 147355
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Tgt Ion:152 Resp: 57099
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.8
150 154.6 0.0 342.8

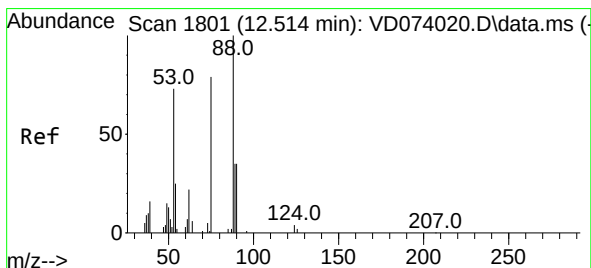
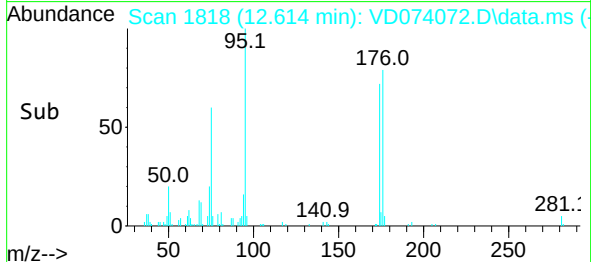
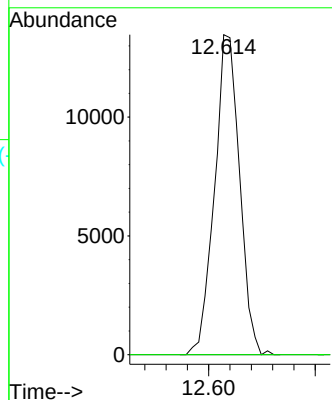
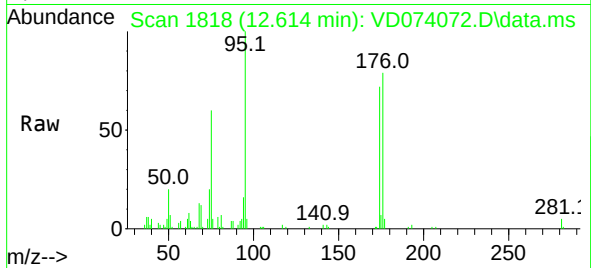




#76
1,2,3-Trichloropropane
Concen: 42.106 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

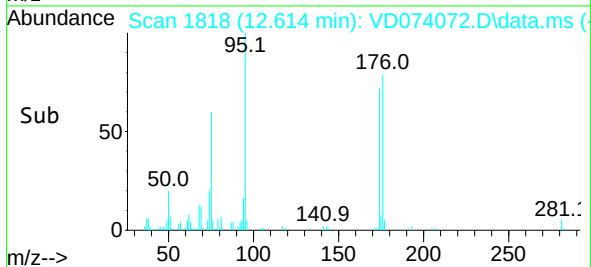
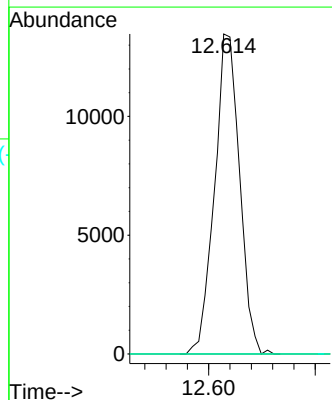
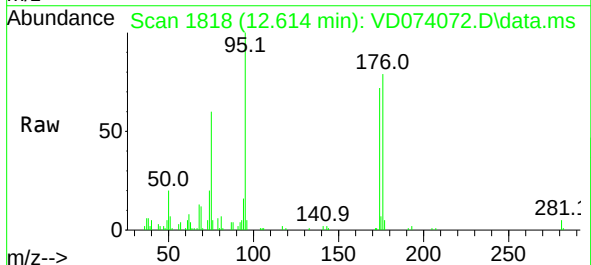
Instrument :
MSVOA_D
ClientSampleId :

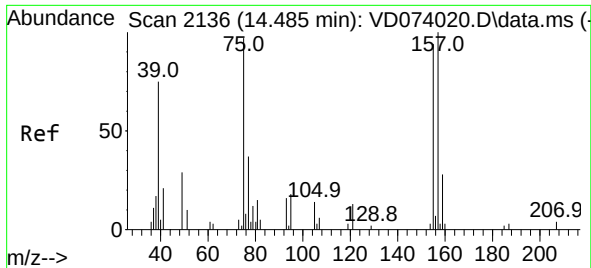
Tgt Ion: 75 Resp: 21951
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 112.381 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

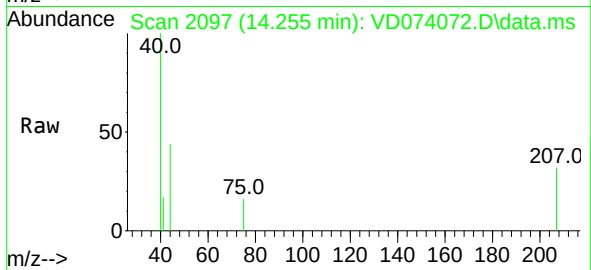
Tgt Ion: 75 Resp: 21951
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.255 min Scan# 20
 Delta R.T. -0.230 min
 Lab File: VD074072.D
 Acq: 12 Aug 2022 19:43

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 0.0 55.2 165.6#

