

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079802.D
 Acq On : 06 Sep 2024 16:56
 Operator : RP/MD
 Sample : P3587-09
 Misc : 6.14G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D1-GRAB

Quant Time: Sep 07 00:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

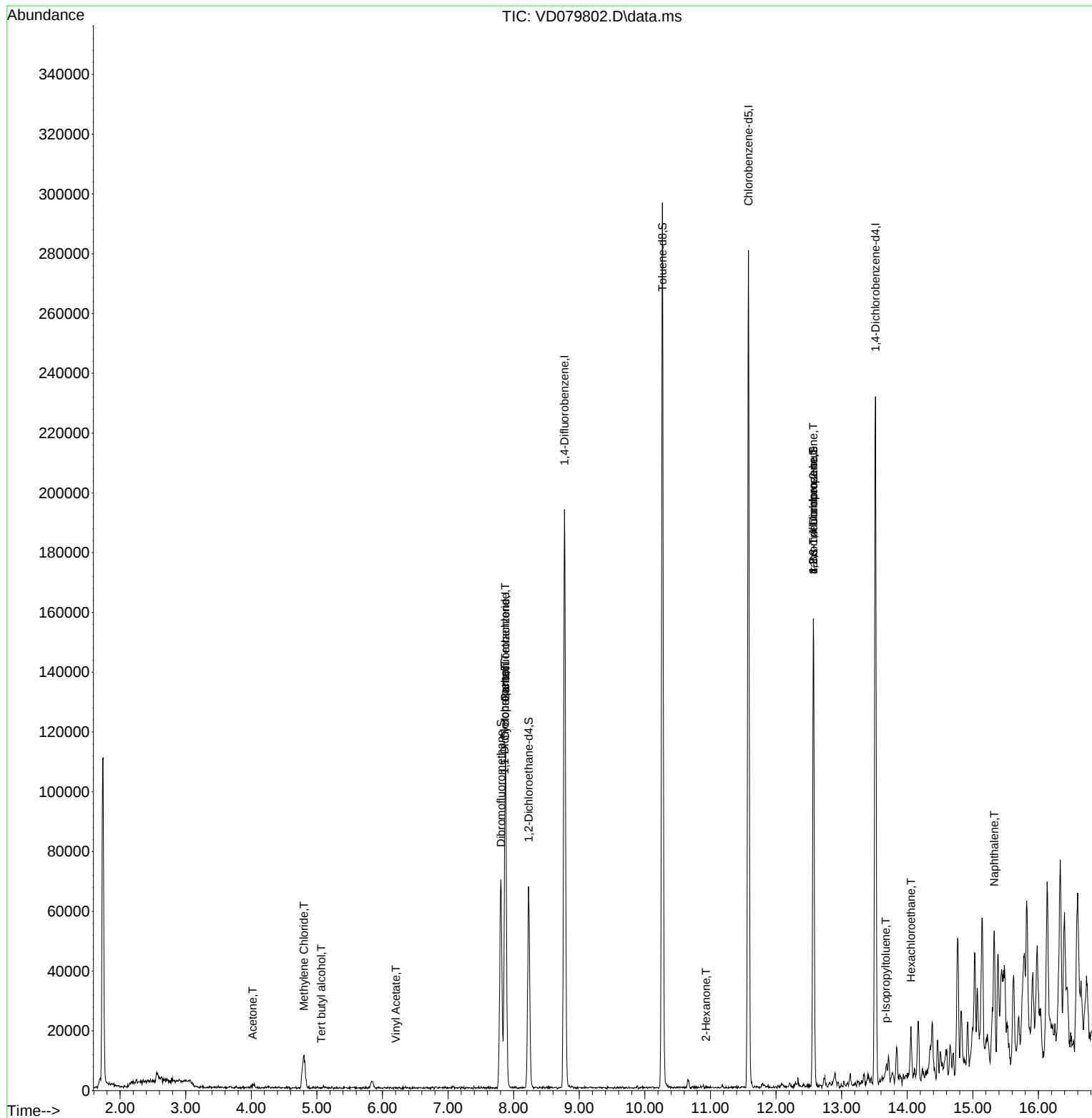
Internal Standards						
1) Pentafluorobenzene	7.875	168	77738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50375	47.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.810	113	49978	46.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.269	98	198395	43.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.569	95	47089	36.616	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.069	59	54	1.033	ug/l #	86
16) Acetone	4.022	43	2051	9.324	ug/l #	77
20) Methylene Chloride	4.805	84	8549	4.093	ug/l #	82
23) Vinyl Acetate	6.205	43	60	2.543	ug/l #	63
31) Cyclohexane	7.869	56	2578	1.455	ug/l #	74
36) 1,1-Dichloropropene	7.863	75	8289	5.218	ug/l #	46
38) Carbon Tetrachloride	7.875	117	8715	5.145	ug/l #	13
59) 2-Hexanone	10.934	43	197	20.575	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	25770	52.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	25770	86.748	ug/l #	19
86) p-Isopropyltoluene	13.675	119	3046	4.420	ug/l	88
90) Hexachloroethane	14.057	117	1034	1.403	ug/l #	13
95) Naphthalene	15.328	128	34175	18.163	ug/l #	97

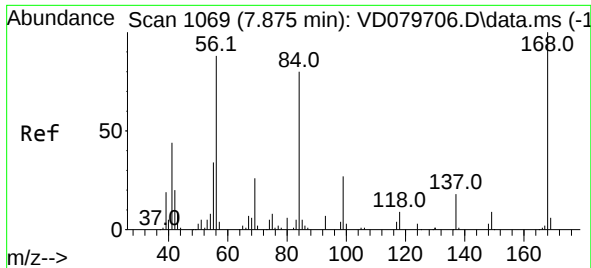
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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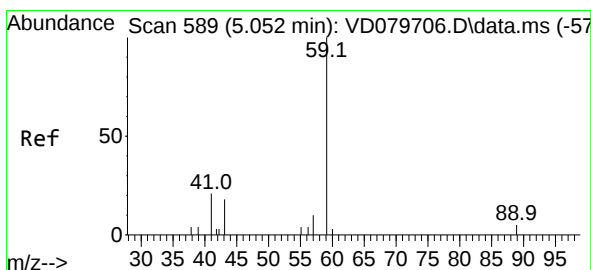
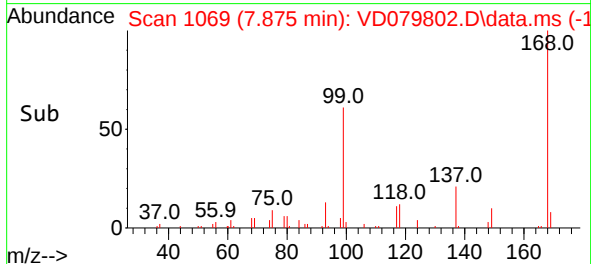
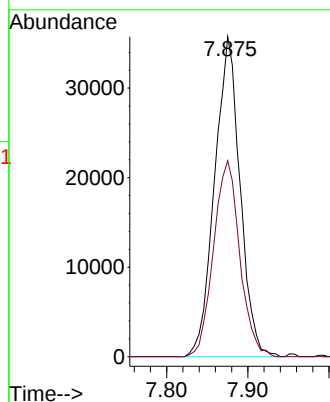
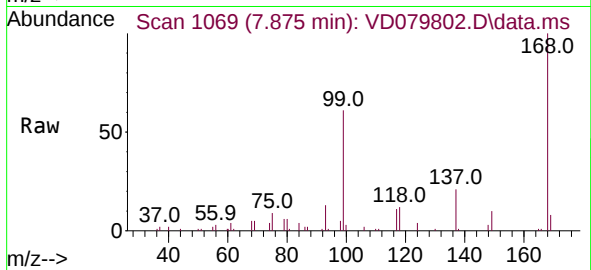




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

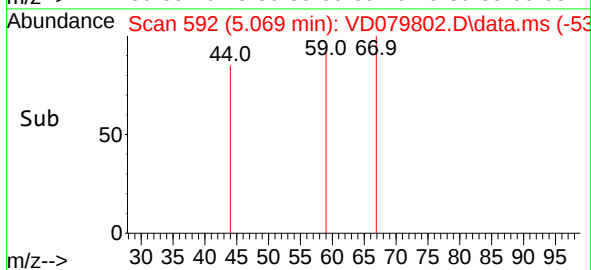
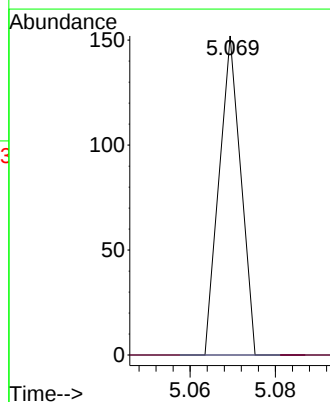
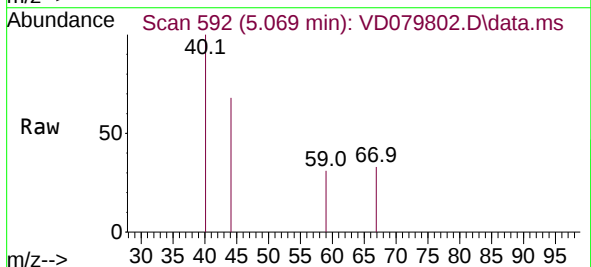
Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB

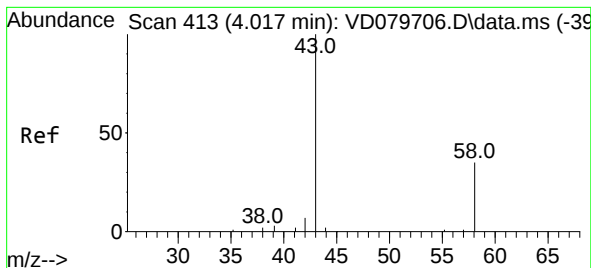
Tgt Ion:168 Resp: 77738
Ion Ratio Lower Upper
168 100
99 61.2 41.1 61.7



#11
Tert butyl alcohol
Concen: 1.033 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.017 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#





#16

Acetone

Concen: 9.324 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

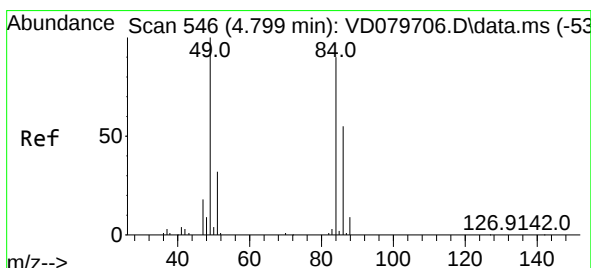
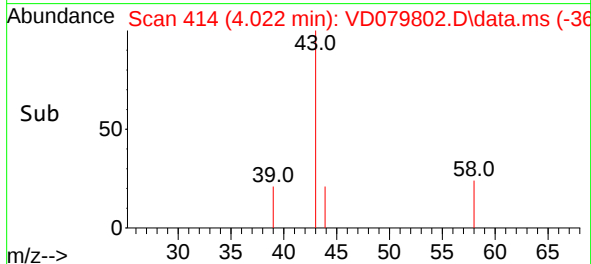
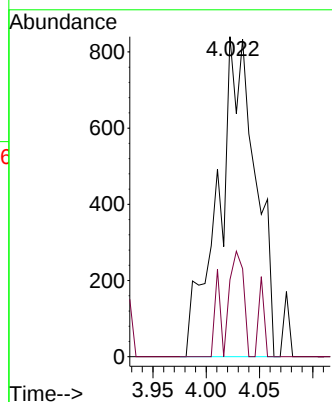
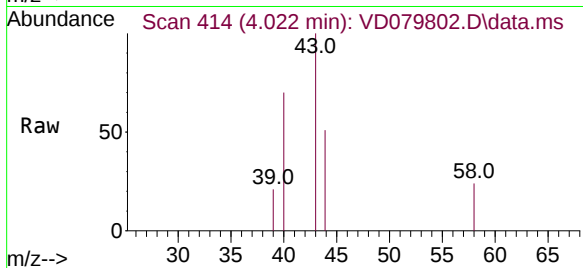
WC-D1-GRAB

Tgt Ion: 43 Resp: 2051

Ion Ratio Lower Upper

43 100

58 24.0 30.4 45.6#



#20

Methylene Chloride

Concen: 4.093 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Tgt Ion: 84 Resp: 8549

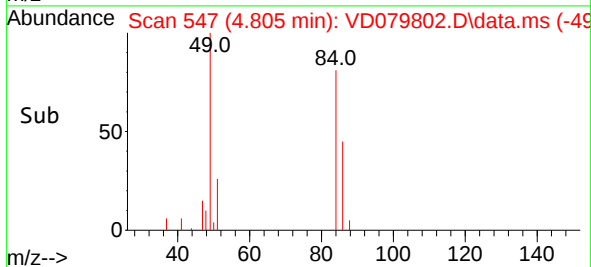
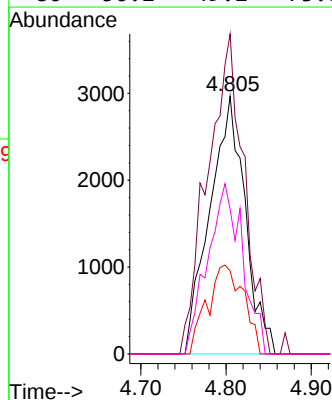
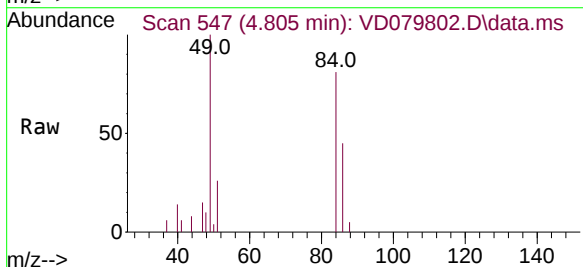
Ion Ratio Lower Upper

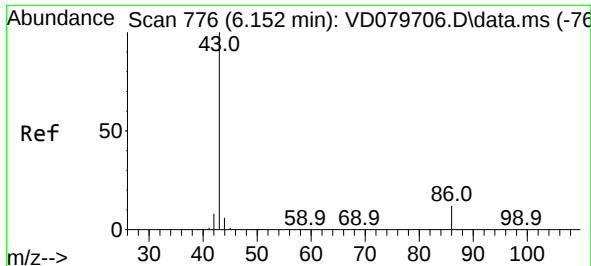
84 100

49 124.2 75.6 113.4#

51 32.2 24.2 36.2

86 56.2 49.2 73.8

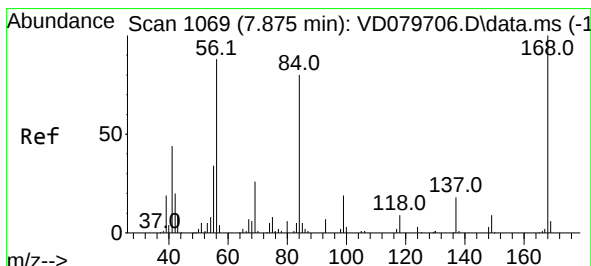
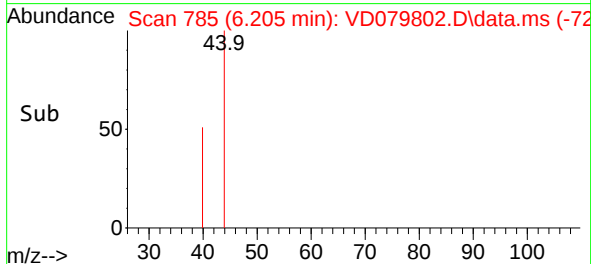
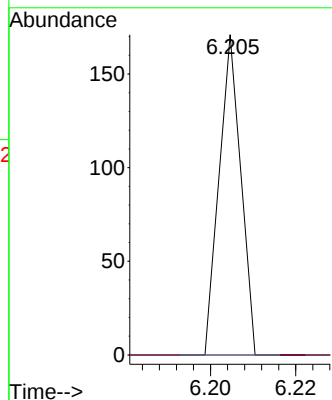
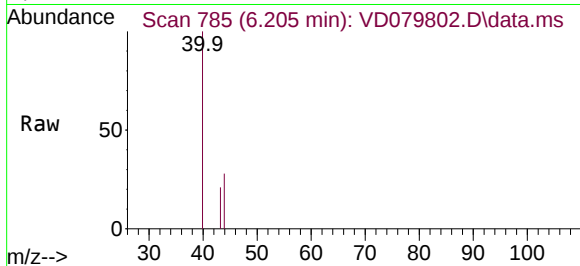




#23
 Vinyl Acetate
 Concen: 2.543 ug/l
 RT: 6.205 min Scan# 71
 Delta R.T. 0.053 min
 Lab File: VD079802.D
 Acq: 06 Sep 2024 16:56

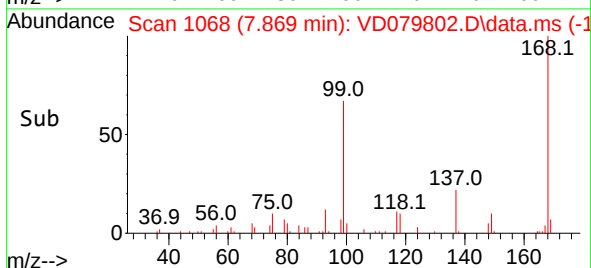
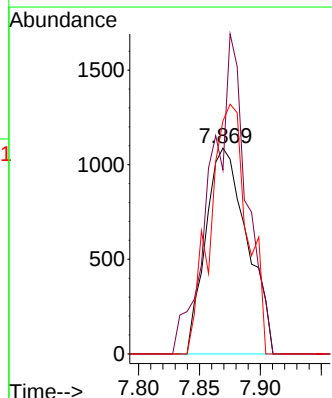
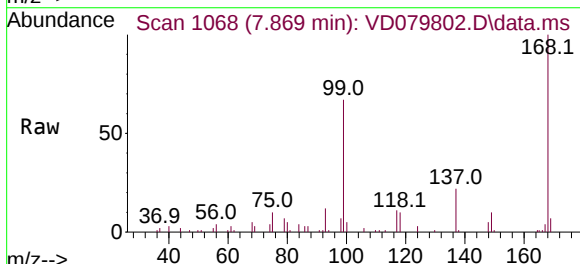
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D1-GRAB

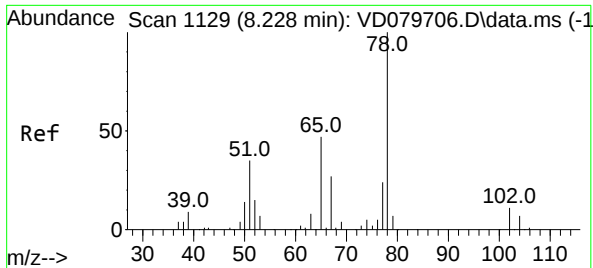
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.455 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.006 min
 Lab File: VD079802.D
 Acq: 06 Sep 2024 16:56

Tgt Ion: 56 Resp: 2578
 Ion Ratio Lower Upper
 56 100
 69 89.4 28.0 42.0#
 84 113.2 87.4 131.0

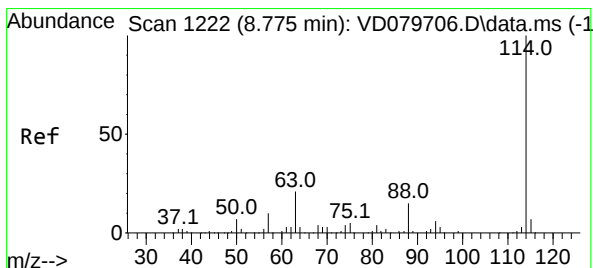
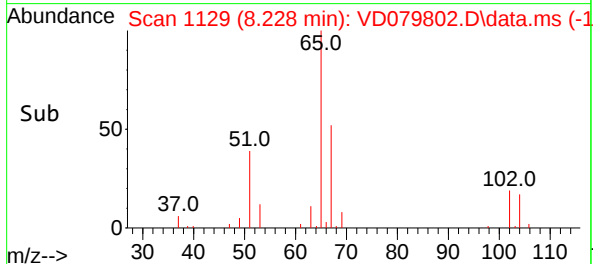
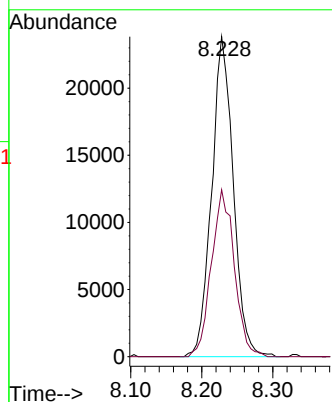
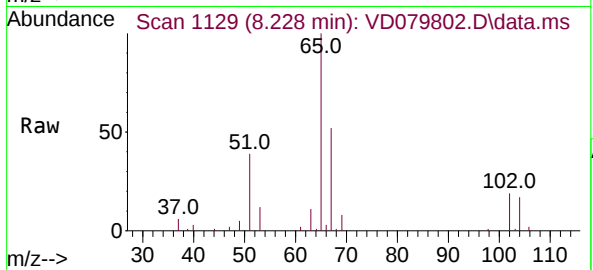




#33
 1,2-Dichloroethane-d4
 Concen: 47.526 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079802.D
 Acq: 06 Sep 2024 16:56

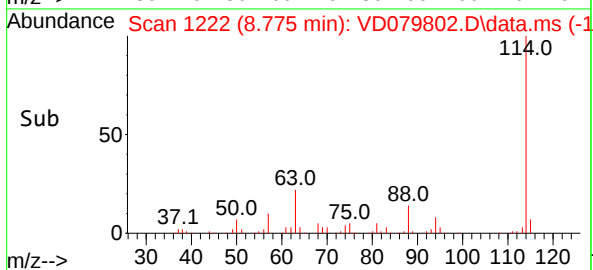
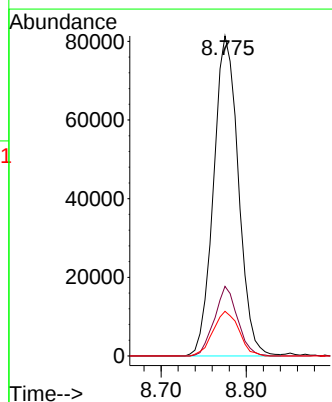
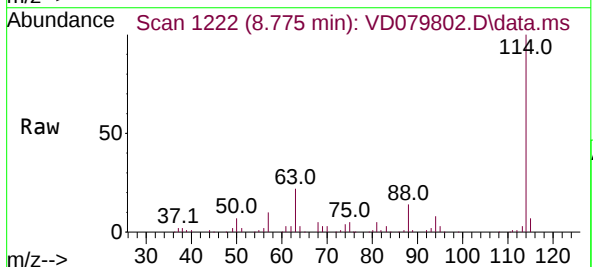
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D1-GRAB

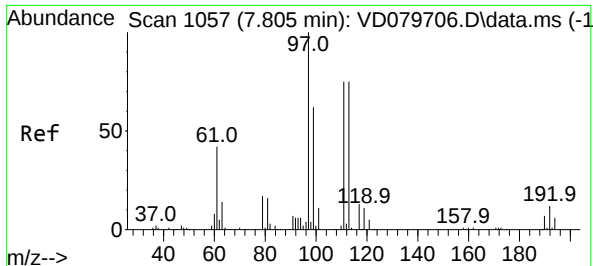
Tgt Ion: 65 Resp: 50375
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079802.D
 Acq: 06 Sep 2024 16:56

Tgt Ion: 114 Resp: 164874
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 34.0
 88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.636 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

WC-D1-GRAB

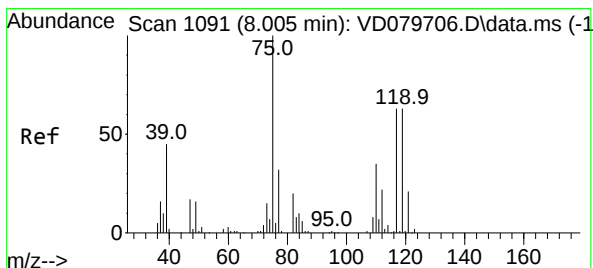
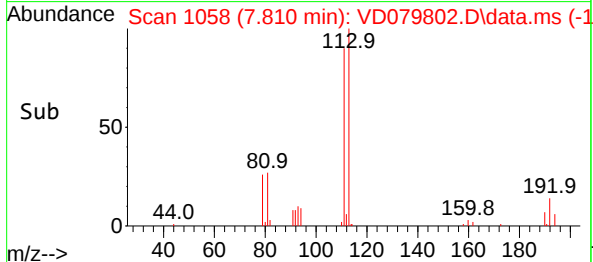
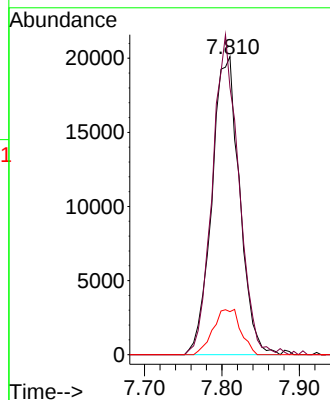
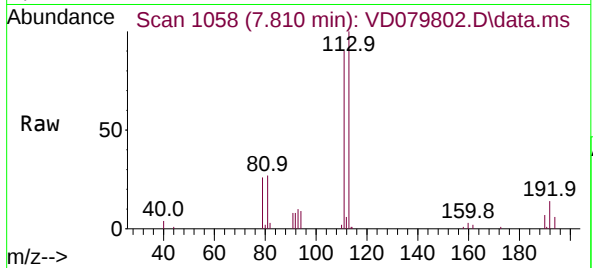
Tgt Ion:113 Resp: 49978

Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

192 15.1 15.4 23.0#



#36

1,1-Dichloropropene

Concen: 5.218 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

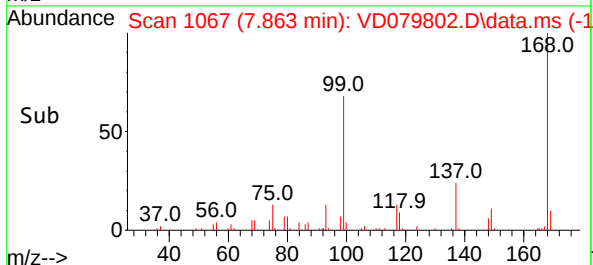
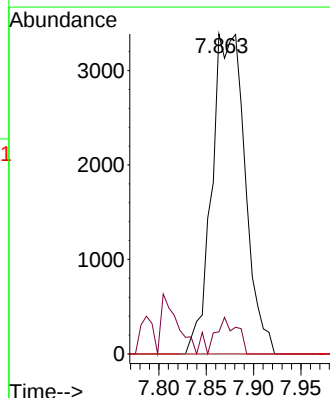
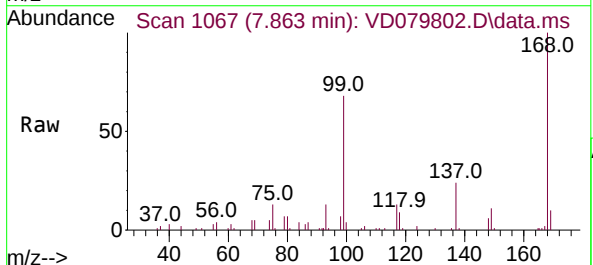
Tgt Ion: 75 Resp: 8289

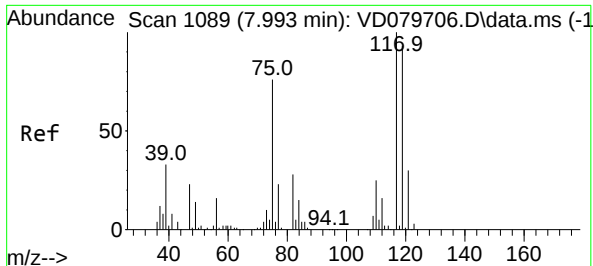
Ion Ratio Lower Upper

75 100

110 8.0 19.6 58.7#

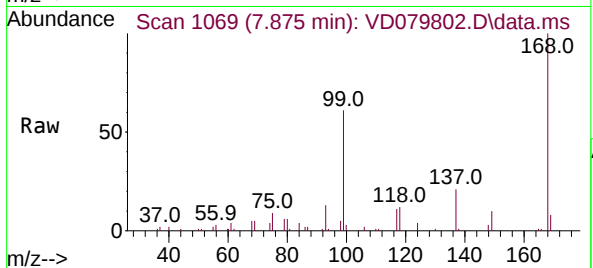
77 0.0 26.1 39.1#



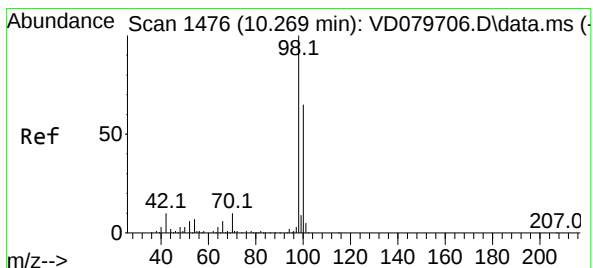
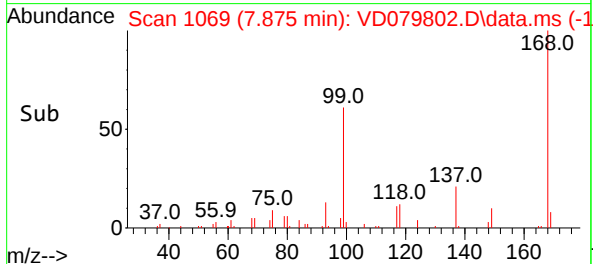
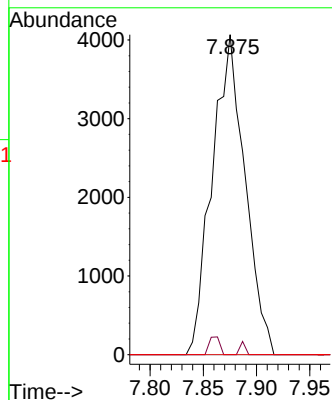


#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB

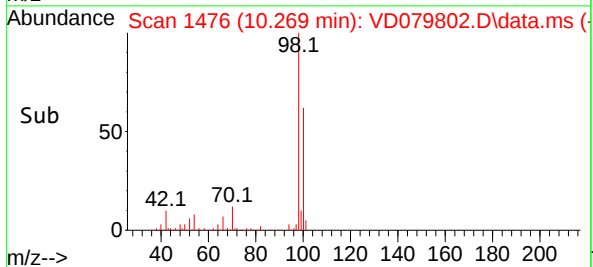
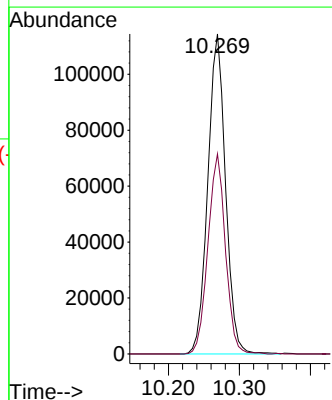
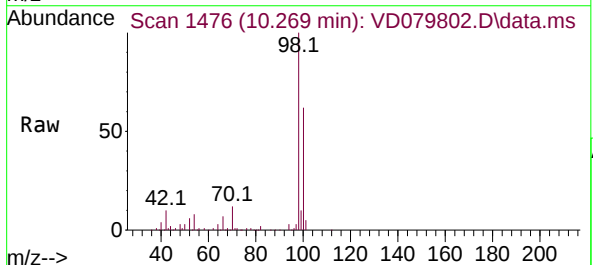


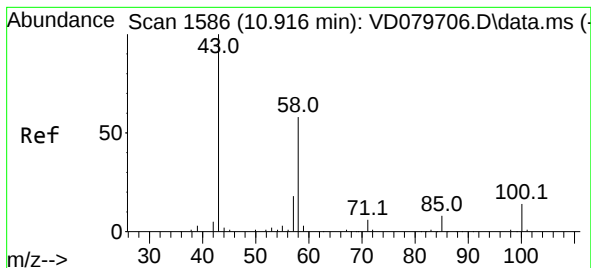
Tgt Ion:117 Resp: 8715
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 43.165 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Tgt Ion: 98 Resp: 198395
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4





#59

2-Hexanone

Concen: 20.575 ug/l

RT: 10.934 min Scan# 11

Delta R.T. 0.018 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

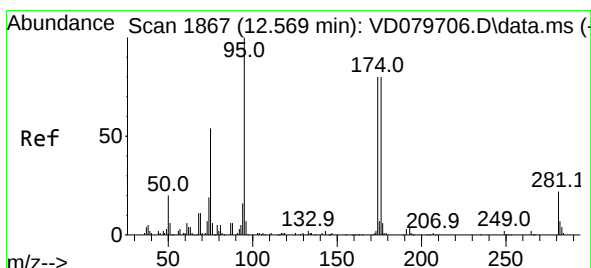
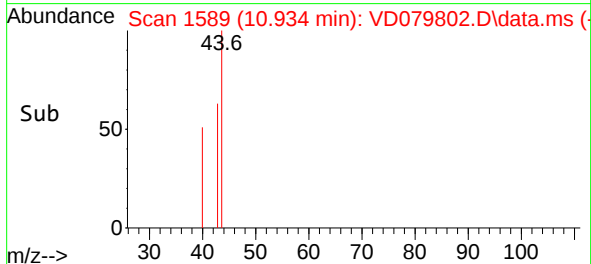
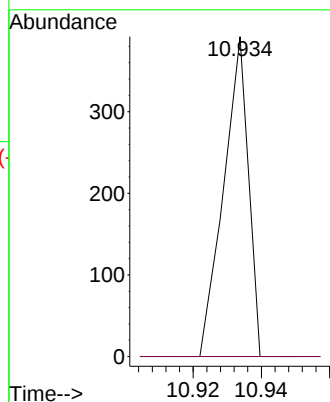
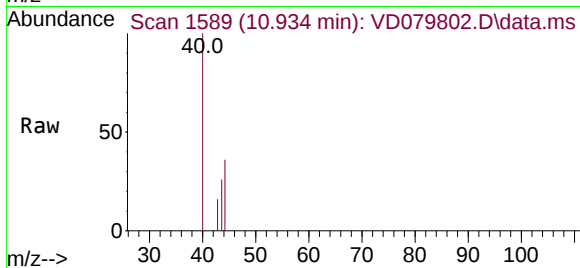
WC-D1-GRAB

Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

58 0.0 31.1 93.5#



#62

4-Bromofluorobenzene

Concen: 36.616 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

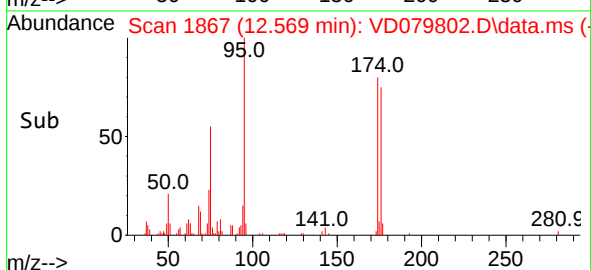
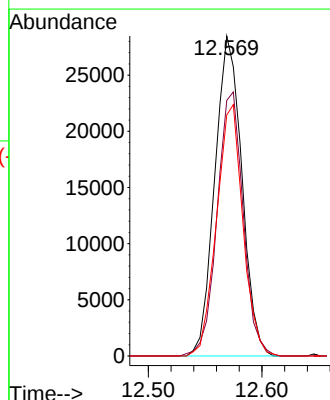
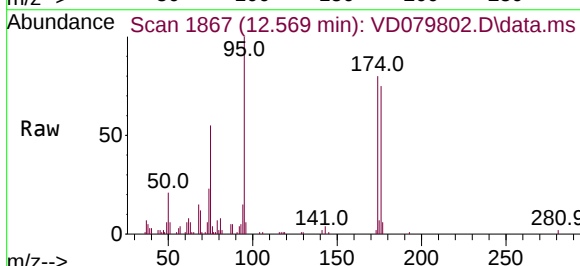
Tgt Ion: 95 Resp: 47089

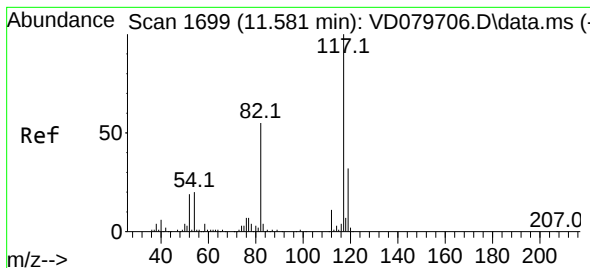
Ion Ratio Lower Upper

95 100

174 79.5 0.0 195.4

176 76.6 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

WC-D1-GRAB

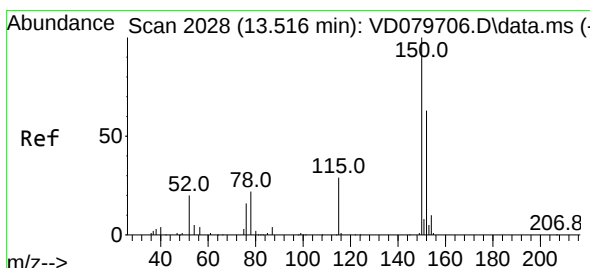
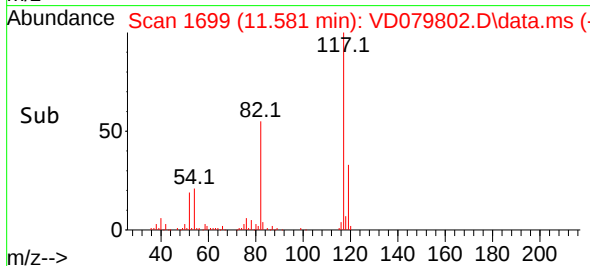
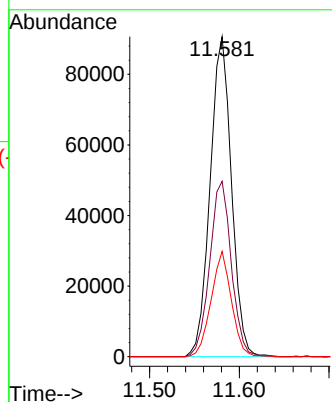
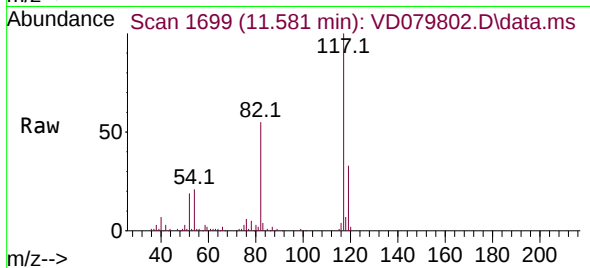
Tgt Ion:117 Resp: 149648

Ion Ratio Lower Upper

117 100

82 54.8 39.8 59.6

119 32.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

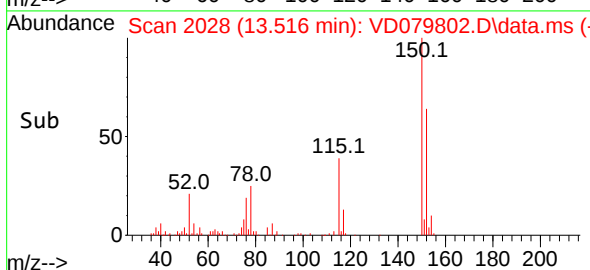
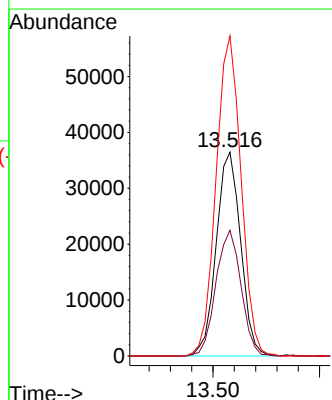
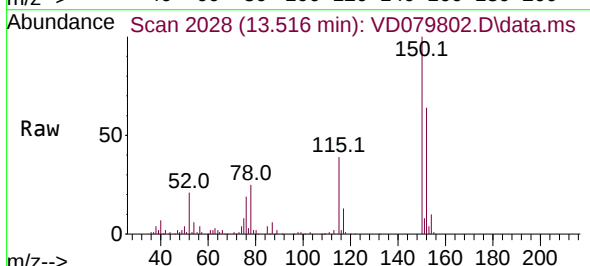
Tgt Ion:152 Resp: 57971

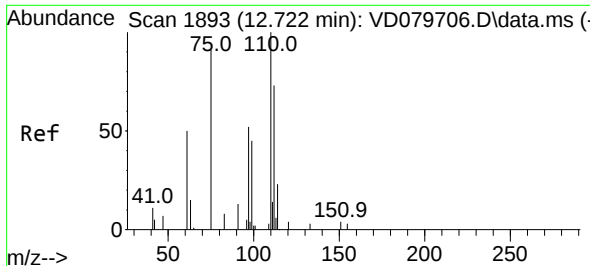
Ion Ratio Lower Upper

152 100

115 63.4 26.5 79.5

150 160.6 0.0 341.6

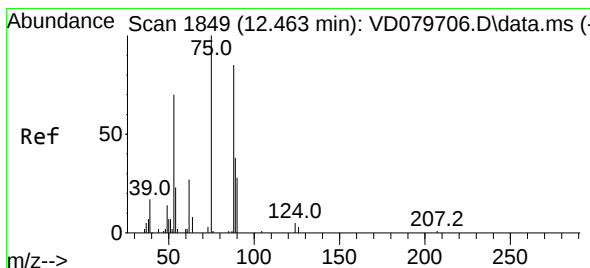
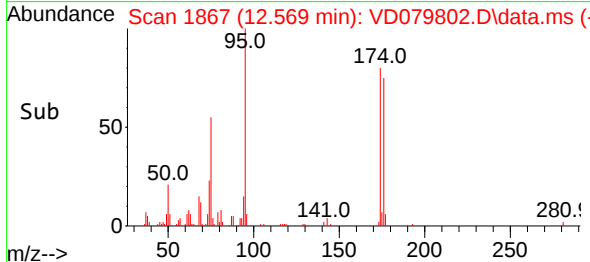
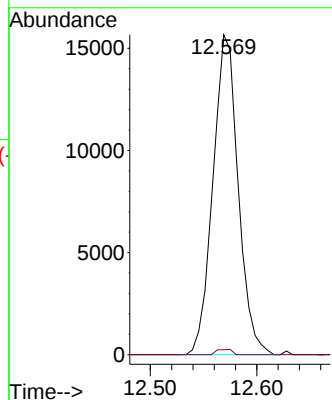
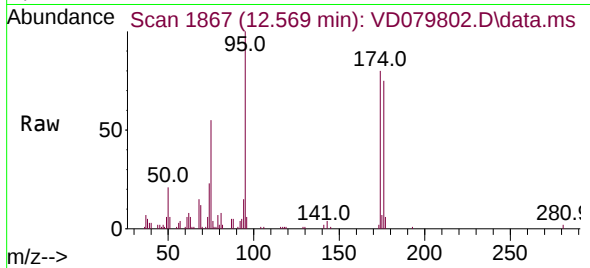




#76
1,2,3-Trichloropropane
Concen: 52.011 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

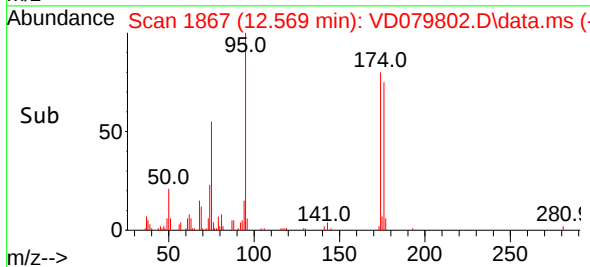
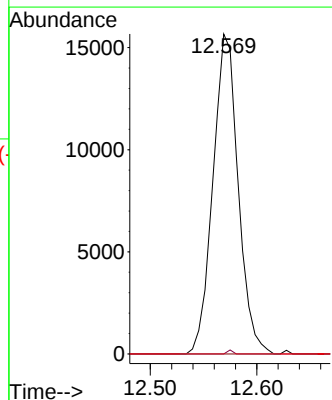
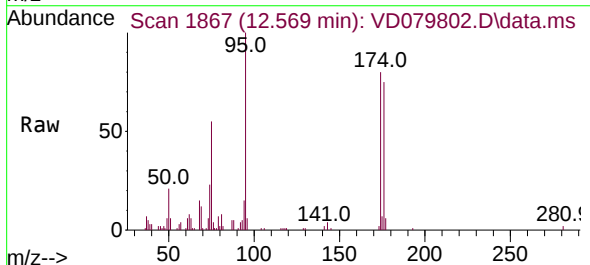
Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB

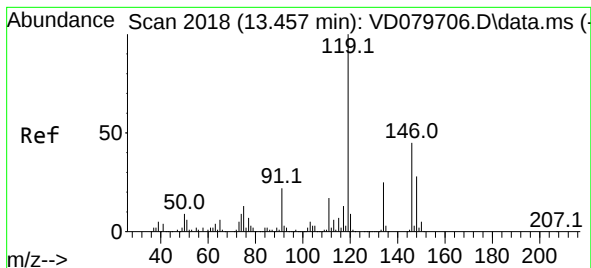
Tgt Ion: 75 Resp: 25770
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.748 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Tgt Ion: 75 Resp: 25770
Ion Ratio Lower Upper
75 100
53 0.3 61.4 92.2#
89 0.0 35.4 53.0#

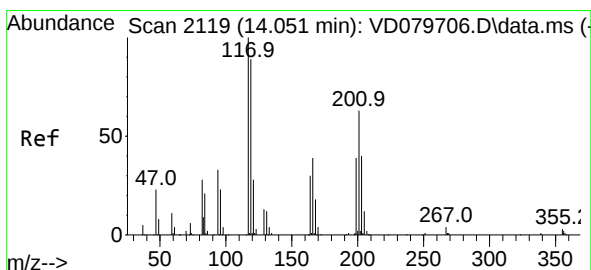
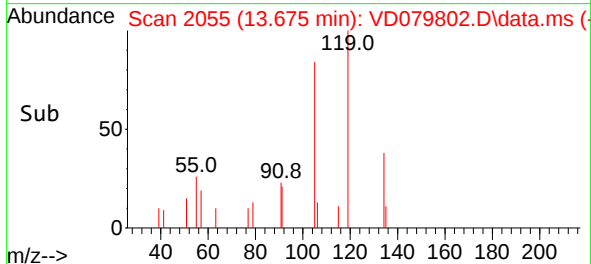
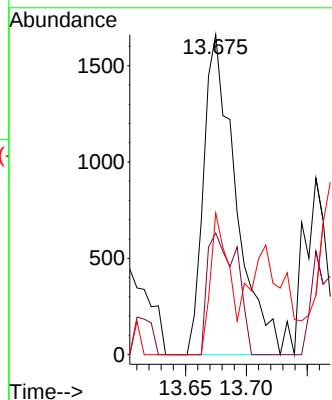
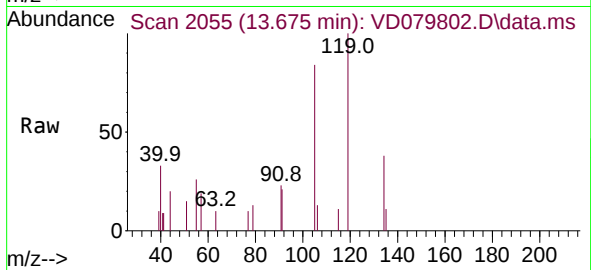




#86
p-Isopropyltoluene
Concen: 4.420 ug/l
RT: 13.675 min Scan# 21055
Delta R.T. 0.218 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

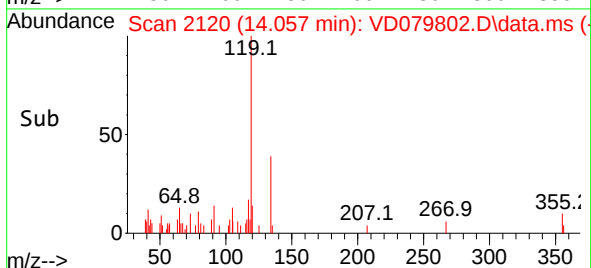
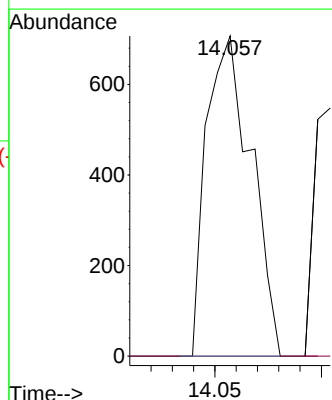
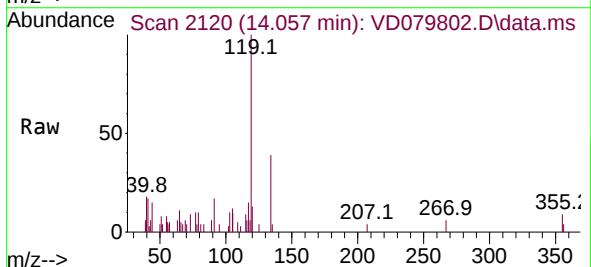
Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB

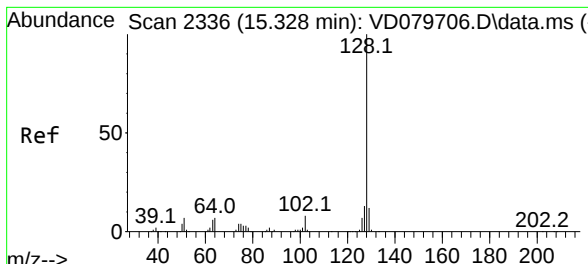
Tgt Ion:119 Resp: 3046
Ion Ratio Lower Upper
119 100
134 34.6 13.7 41.1
91 25.5 10.7 32.1



#90
Hexachloroethane
Concen: 1.403 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

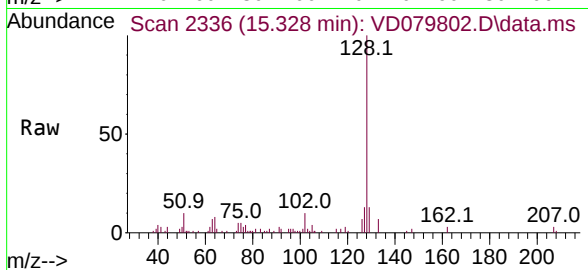
Tgt Ion:117 Resp: 1034
Ion Ratio Lower Upper
117 100
201 0.0 36.3 108.9#





#95
 Naphthalene
 Concen: 18.163 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079802.D
 Acq: 06 Sep 2024 16:56

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D1-GRAB



Tgt Ion:128 Resp: 34175
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 13.2 8.5 12.7#

