

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076126.D
 Acq On : 17 May 2023 16:45
 Operator : KP/SY
 Sample : 02813-01
 Misc : 5.01G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: May 18 05:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

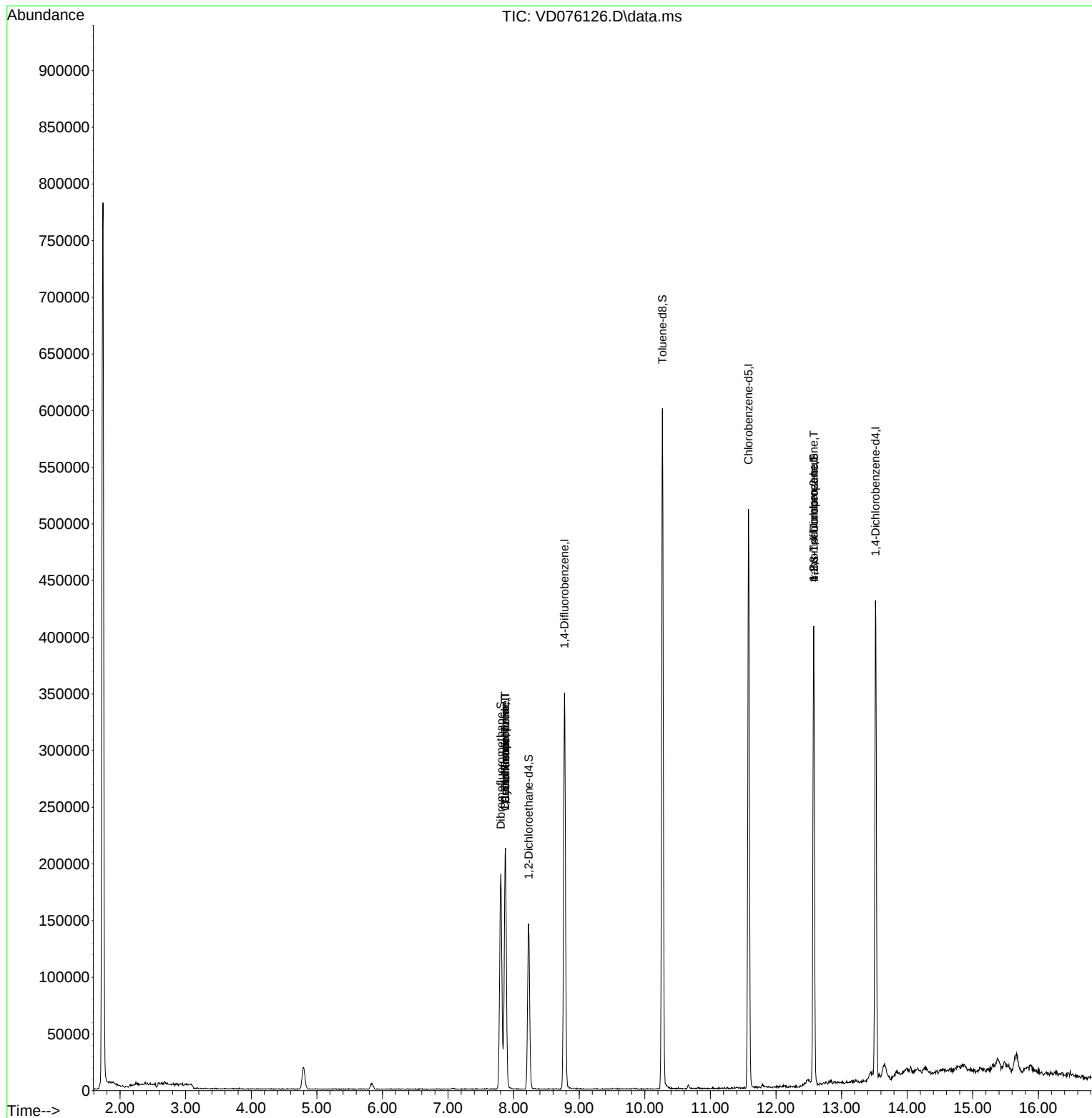
Internal Standards						
1) Pentafluorobenzene	7.875	168	170328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	330338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110788	67.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.600%
35) Dibromofluoromethane	7.805	113	143492	62.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.680%
50) Toluene-d8	10.269	98	435778	48.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.575	95	124429	50.323	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.640%
Target Compounds						
3) Chloromethane	2.152	50	528	Below Cal	#	40
20) Methylene Chloride	4.805	84	17259	Below Cal	#	72
31) Cyclohexane	7.875	56	3608	1.431	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	13592	4.408	ug/l #	49
38) Carbon Tetrachloride	7.869	117	15964	5.731	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	63628	61.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63628	129.029	ug/l #	5

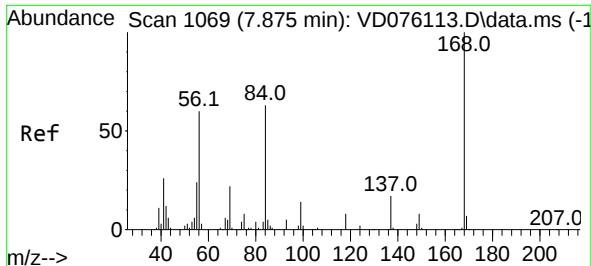
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
Data File : VD076126.D
Acq On : 17 May 2023 16:45
Operator : KP/SY
Sample : 02813-01
Misc : 5.01G/10.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Quant Time: May 18 05:22:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

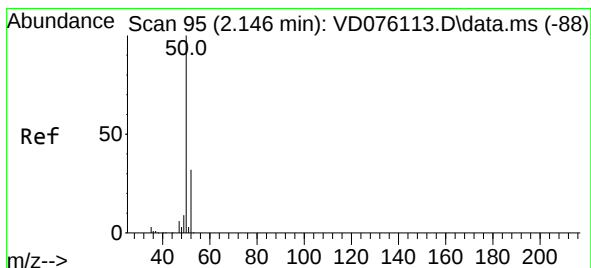
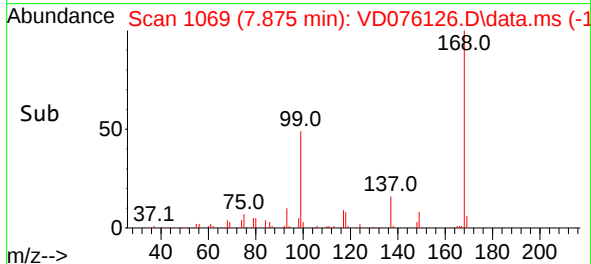
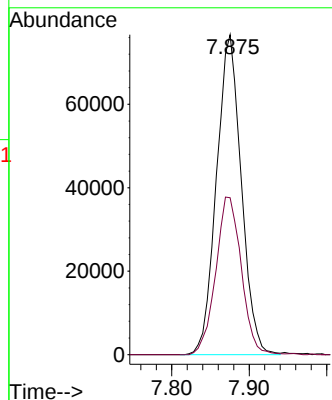
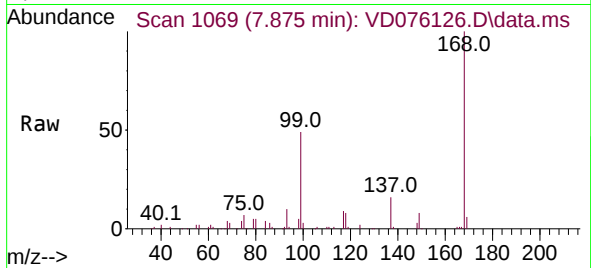




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

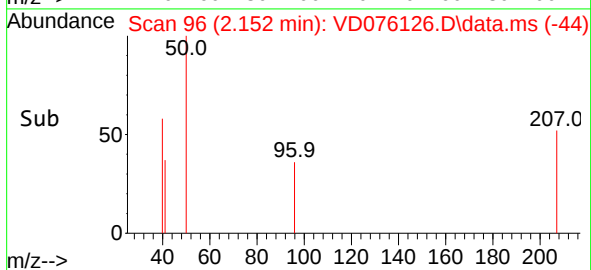
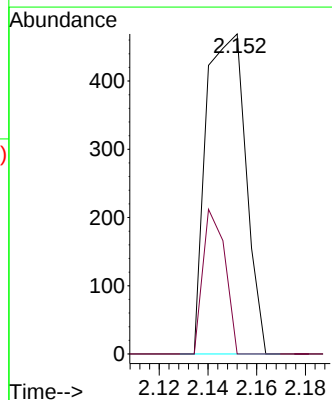
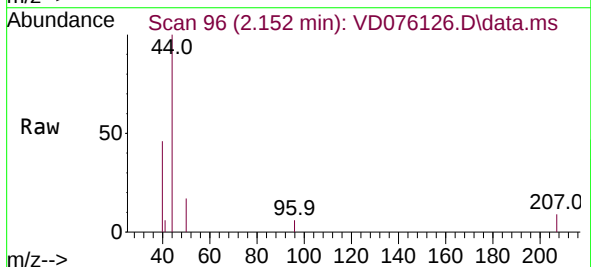
Instrument :
MSVOA_D
ClientSampleId :
WC-1

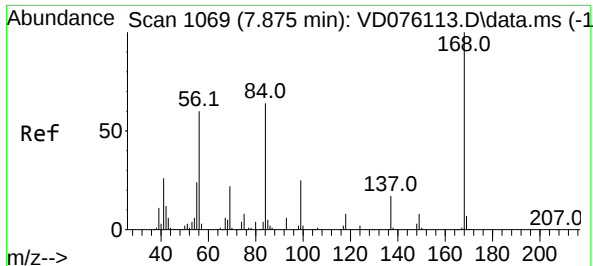
Tgt Ion:168 Resp: 170328
Ion Ratio Lower Upper
168 100
99 49.1 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

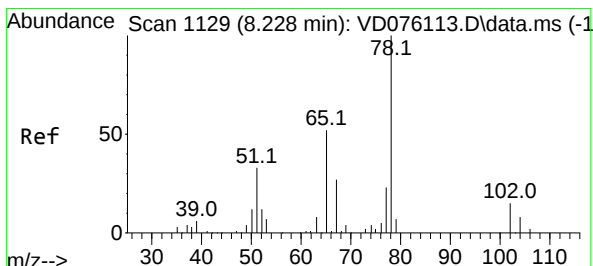
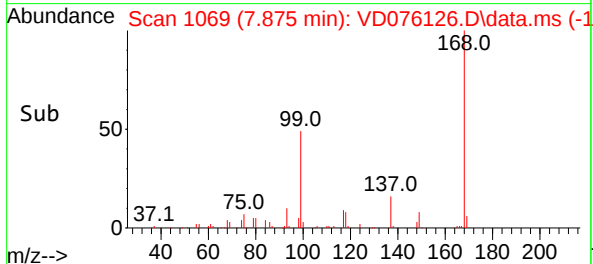
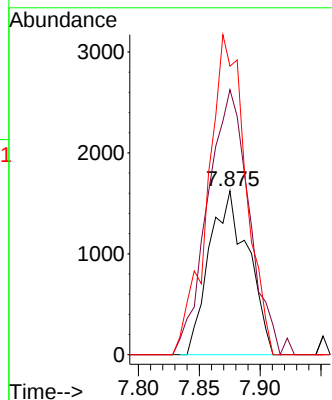
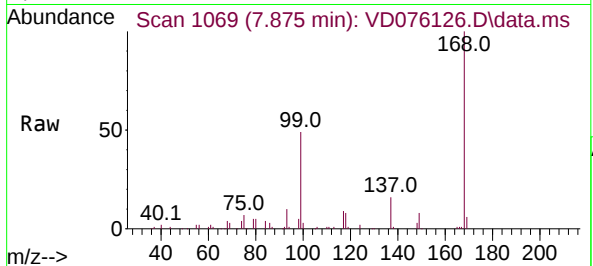




#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

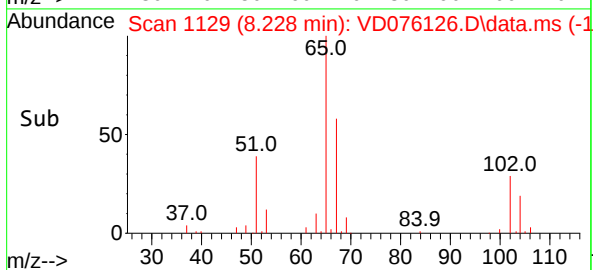
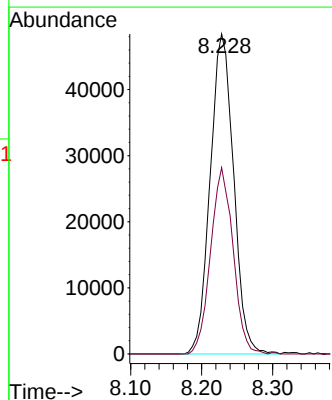
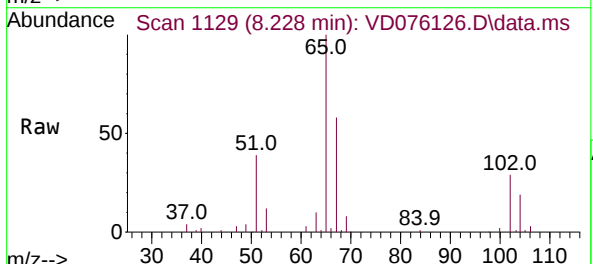
Instrument :
MSVOA_D
ClientSampleId :
WC-1

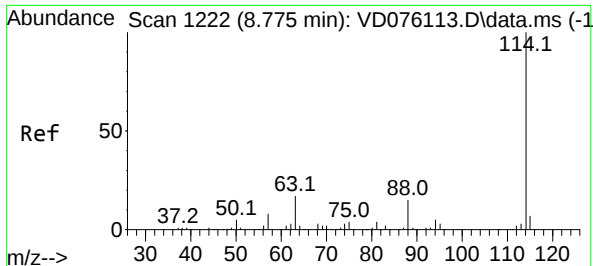
Tgt Ion: 56 Resp: 3608
Ion Ratio Lower Upper
56 100
69 161.8 25.5 38.3#
84 176.0 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 67.300 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 65 Resp: 110788
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076126.D

Acq: 17 May 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

WC-1

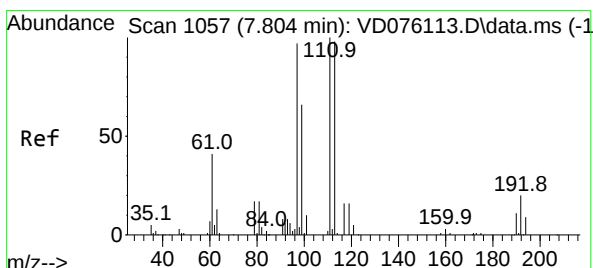
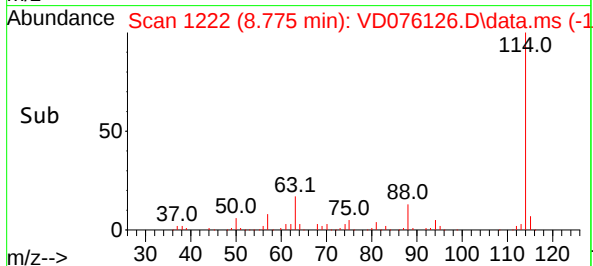
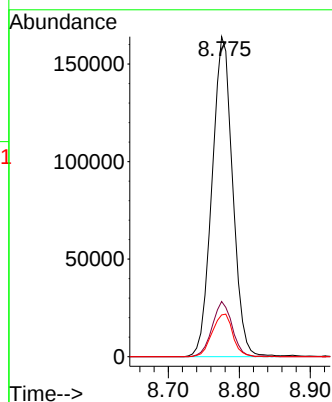
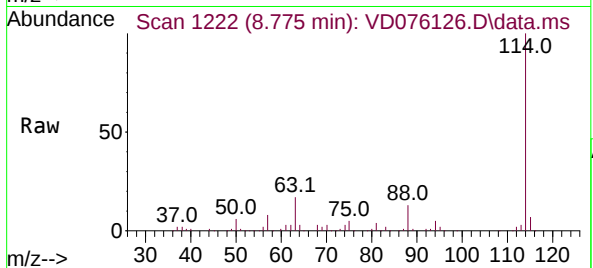
Tgt Ion:114 Resp: 330338

Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.843 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076126.D

Acq: 17 May 2023 16:45

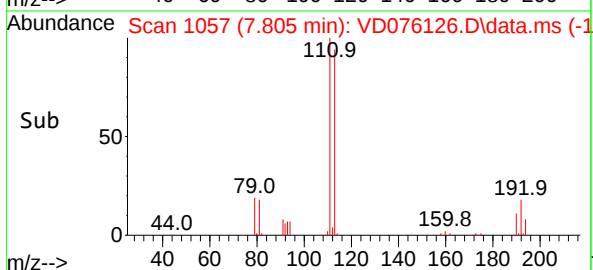
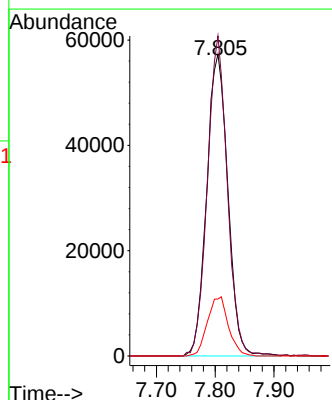
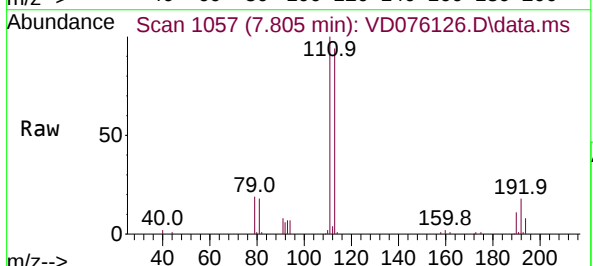
Tgt Ion:113 Resp: 143492

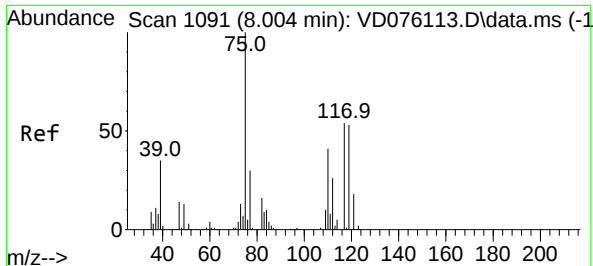
Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

192 19.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.408 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076126.D

Acq: 17 May 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

WC-1

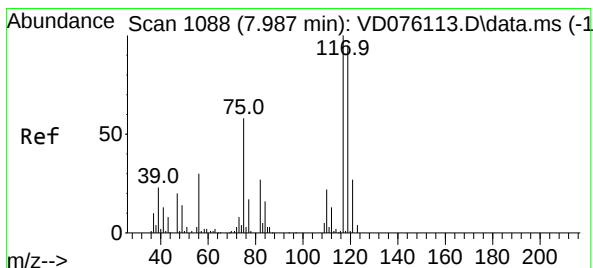
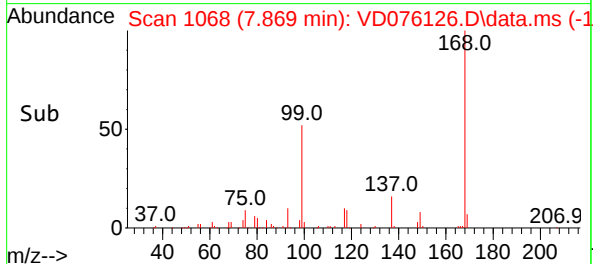
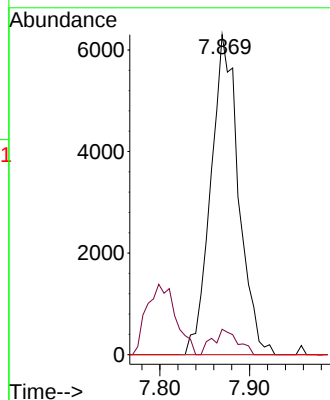
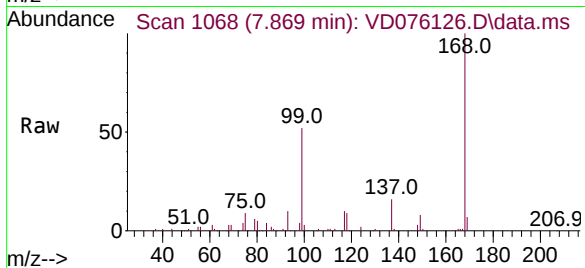
Tgt Ion: 75 Resp: 13592

Ion Ratio Lower Upper

75 100

110 7.1 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.731 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076126.D

Acq: 17 May 2023 16:45

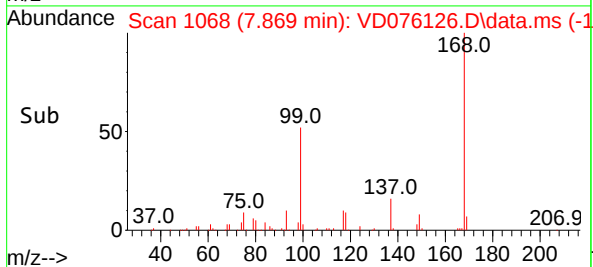
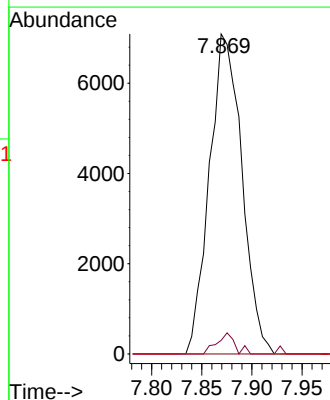
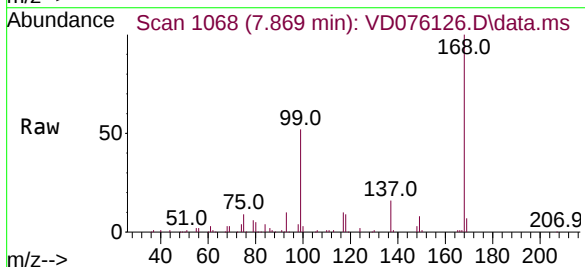
Tgt Ion: 117 Resp: 15964

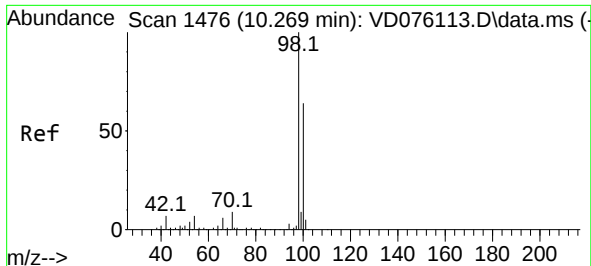
Ion Ratio Lower Upper

117 100

119 4.2 74.7 112.1#

121 0.0 25.9 38.9#

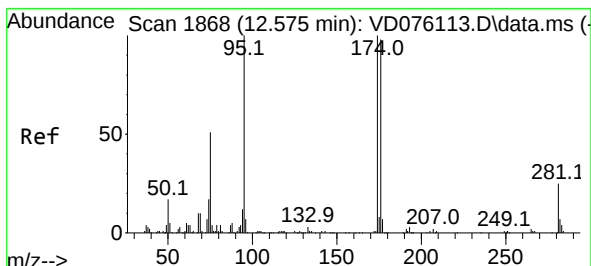
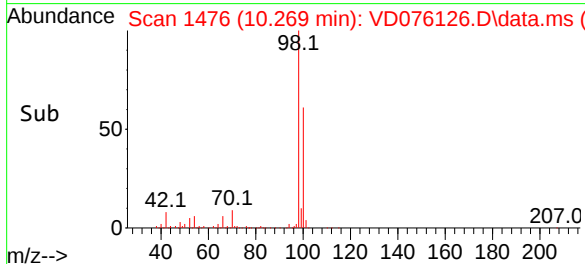
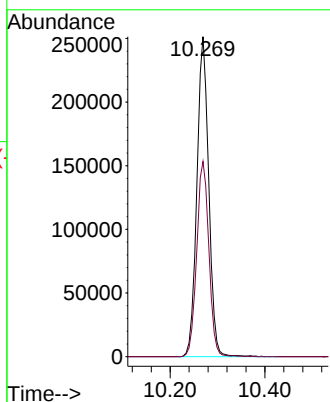
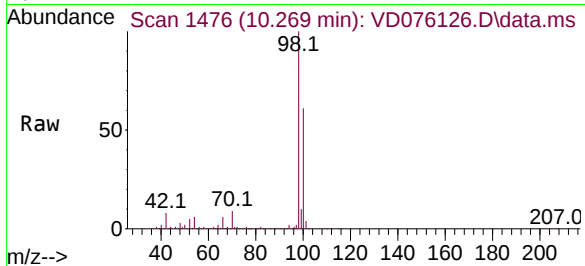




#50
Toluene-d8
Concen: 48.958 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

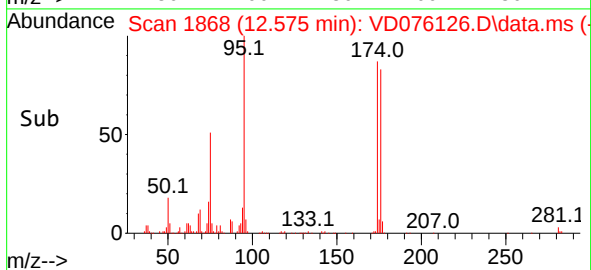
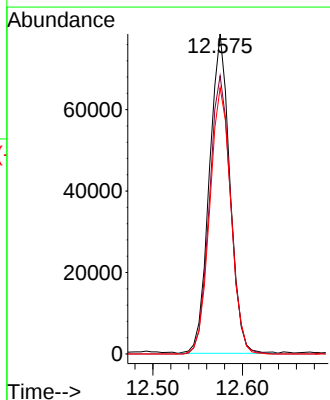
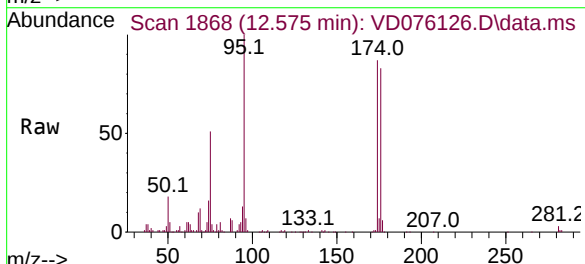
Instrument :
MSVOA_D
ClientSampleId :
WC-1

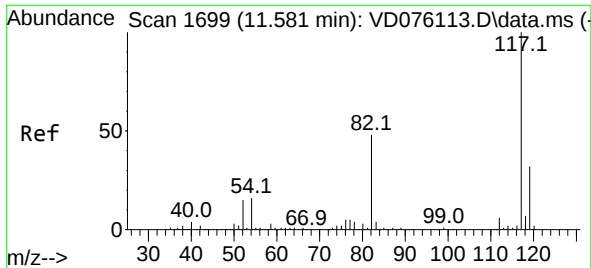
Tgt Ion: 98 Resp: 435778
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.323 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 95 Resp: 124429
Ion Ratio Lower Upper
95 100
174 89.8 0.0 164.0
176 85.9 0.0 156.8

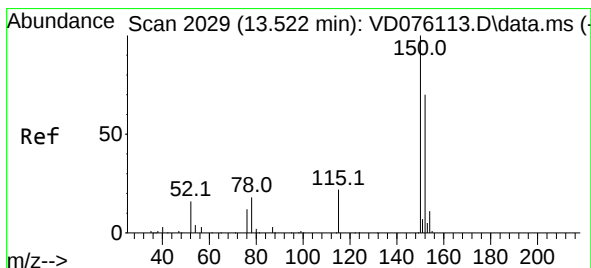
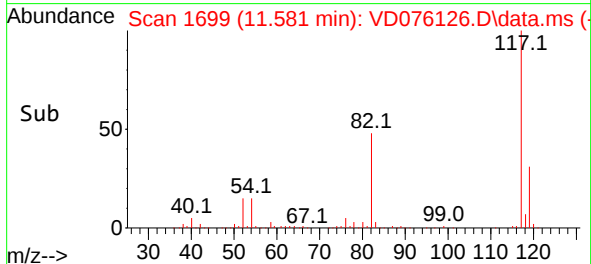
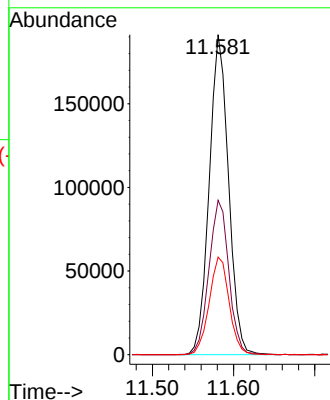
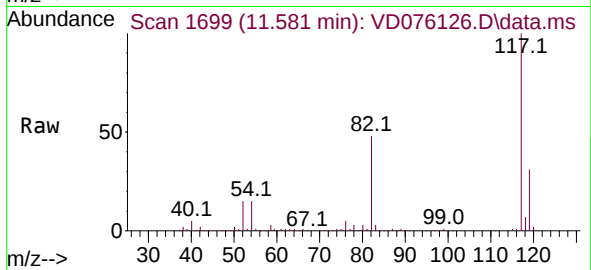




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

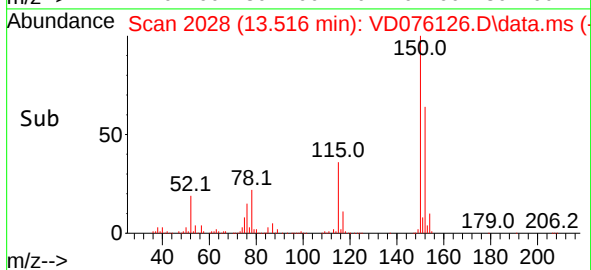
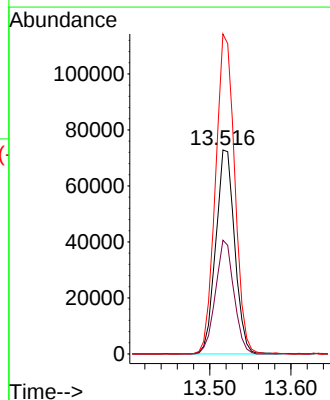
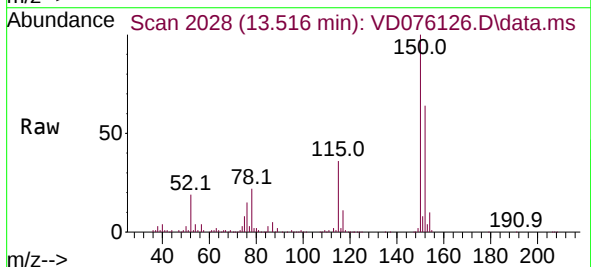
Instrument :
MSVOA_D
ClientSampleId :
WC-1

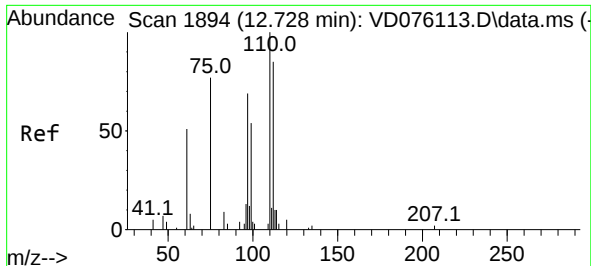
Tgt Ion:117 Resp: 315259
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion:152 Resp: 118218
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 158.7 0.0 364.8

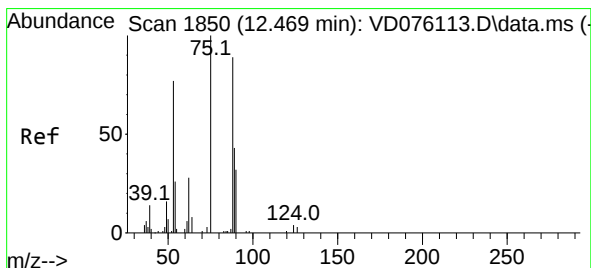
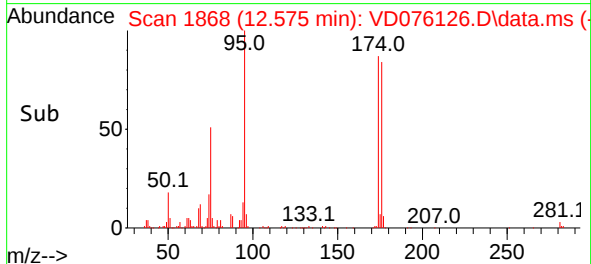
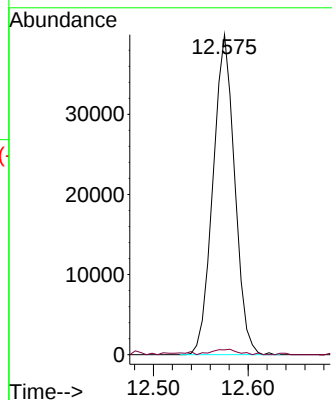
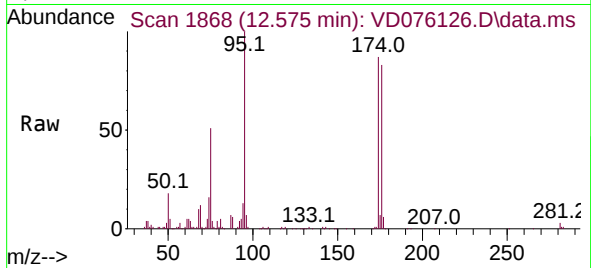




#76
1,2,3-Trichloropropane
Concen: 61.506 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion: 75 Resp: 63628
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.029 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 75 Resp: 63628
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 40.2 60.4#

