

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076178.D
 Acq On : 22 May 2023 16:22
 Operator : KP/SY
 Sample : 02849-31RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10

Quant Time: May 23 01:25:26 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)

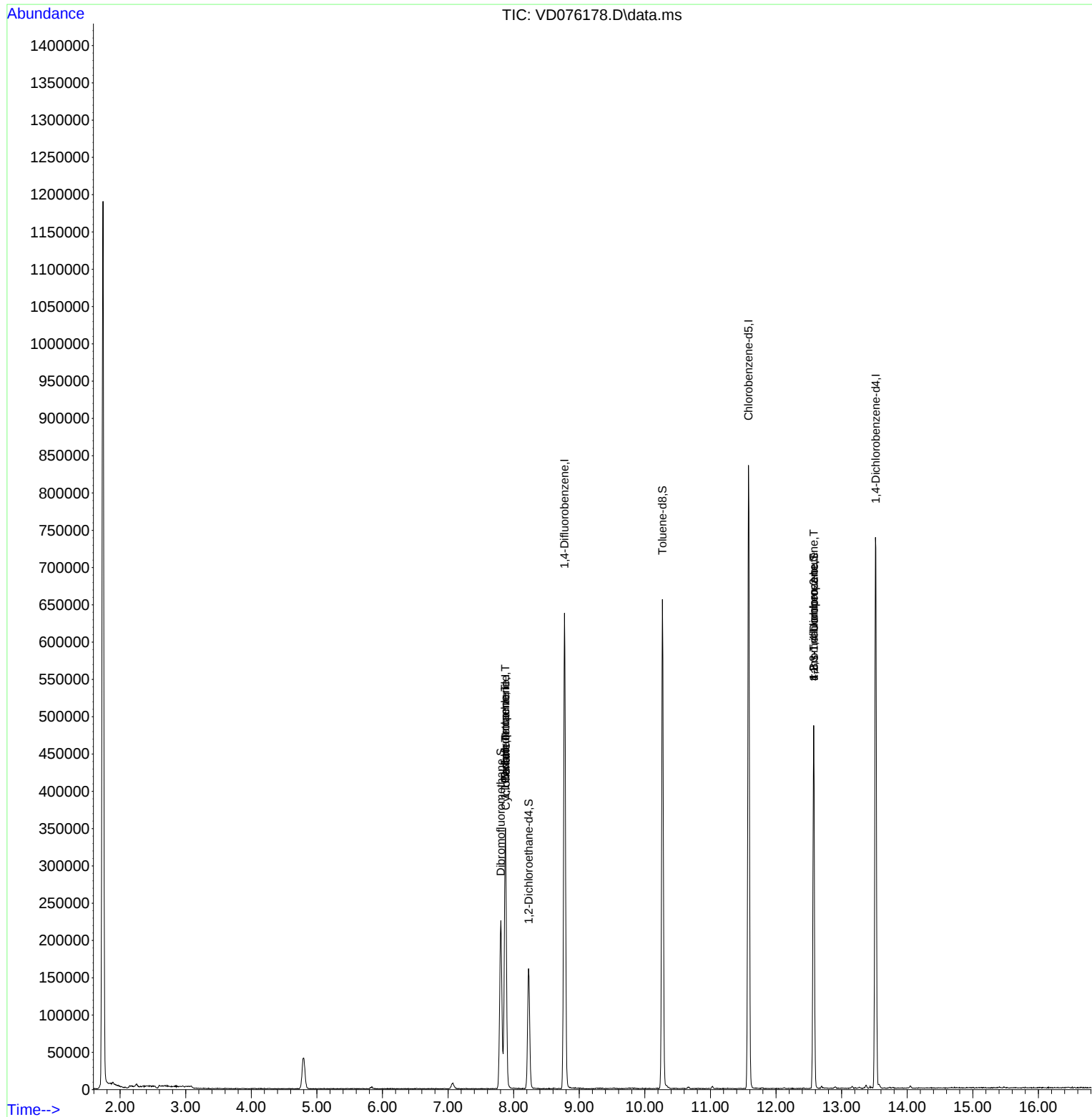
Internal Standards						
1) Pentafluorobenzene	7.875	168	281459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	597041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	513973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	122300	44.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.920%		
35) Dibromofluoromethane	7.804	113	165956	40.214	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.420%		
50) Toluene-d8	10.269	98	476223	29.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	59.200%		
62) 4-Bromofluorobenzene	12.575	95	147672	33.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	66.080%		
Target Compounds						
3) Chloromethane	2.146	50	452	Below Cal	#	78
17) Carbon Disulfide	4.281	76	266	Below Cal	#	73
20) Methylene Chloride	4.799	84	36853	Below Cal	#	72
31) Cyclohexane	7.881	56	5865	1.408	ug/l #	7
36) 1,1-Dichloropropene	7.869	75	21985	3.945	ug/l #	49
38) Carbon Tetrachloride	7.875	117	26209	5.206	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	75407	38.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	75407	81.117	ug/l #	5

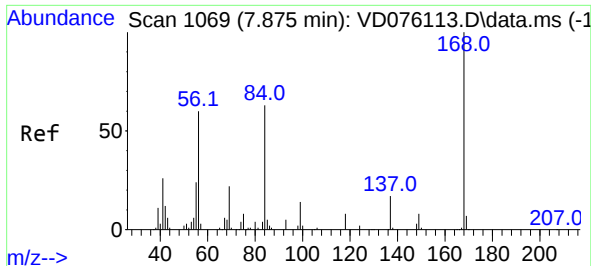
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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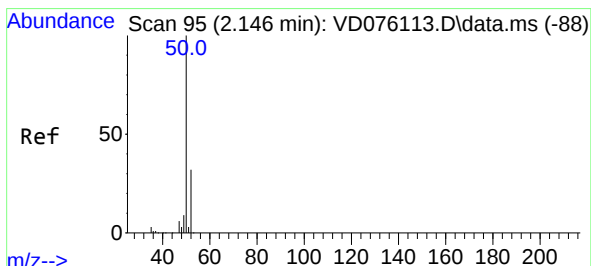
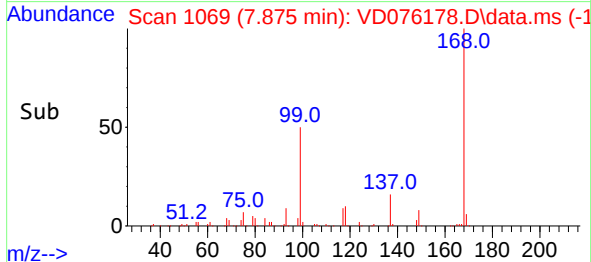
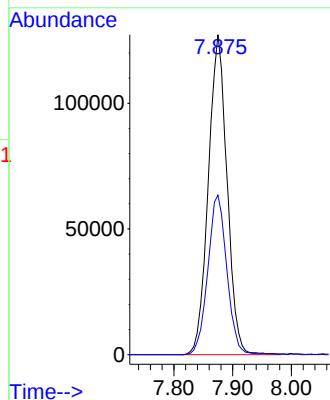
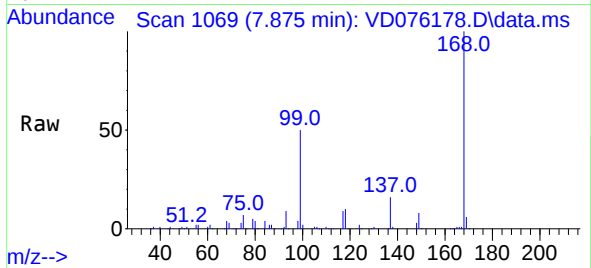




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

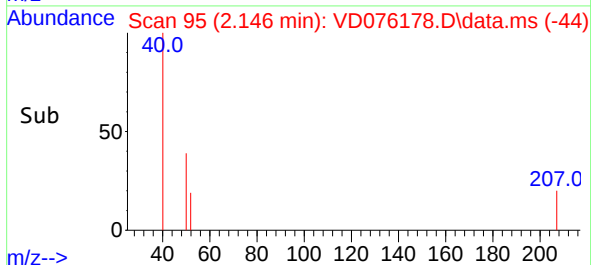
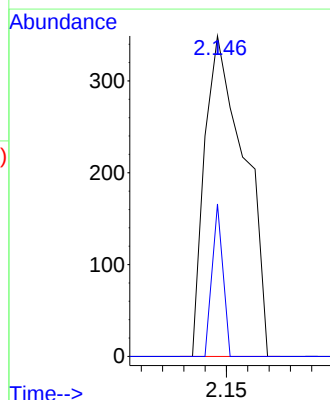
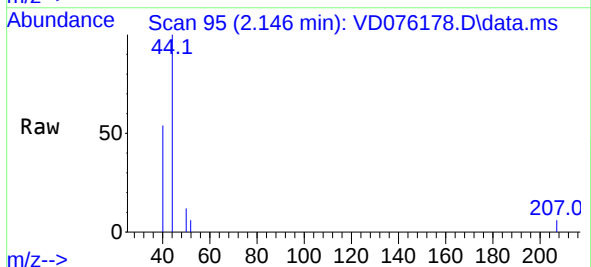
Instrument :
MSVOA_D
ClientSampleId :
TP10

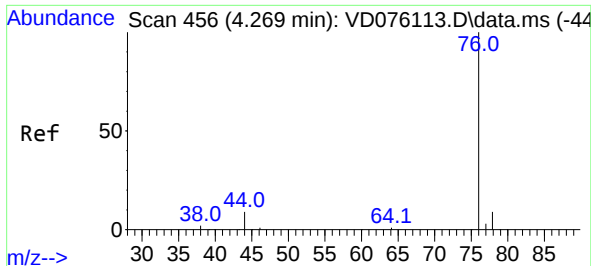
Tgt Ion:168 Resp: 281459
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 47.6 27.8 41.8#

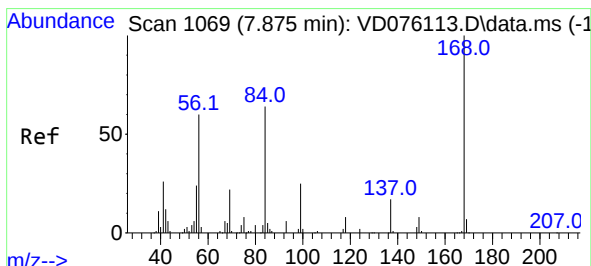
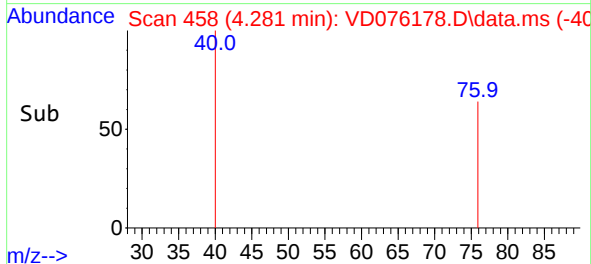
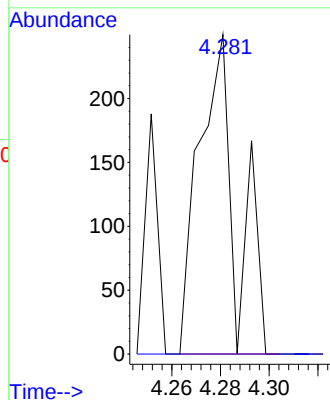
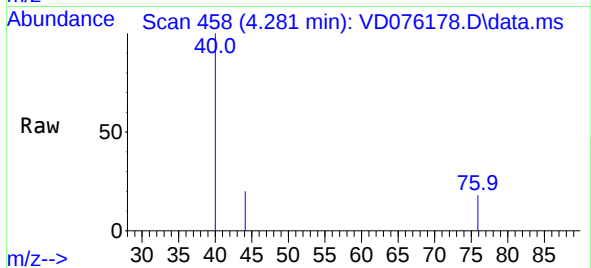




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

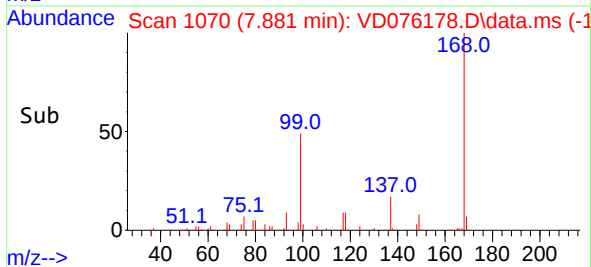
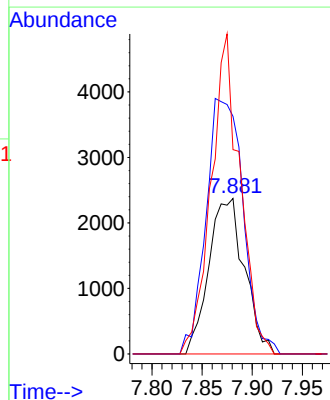
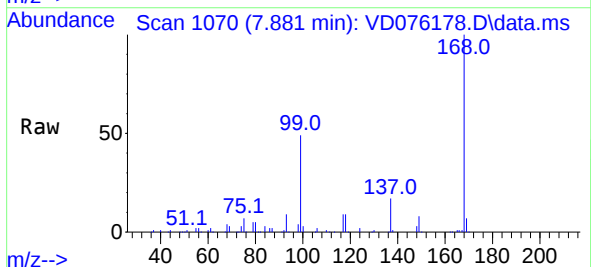
Instrument :
MSVOA_D
ClientSampleId :
TP10

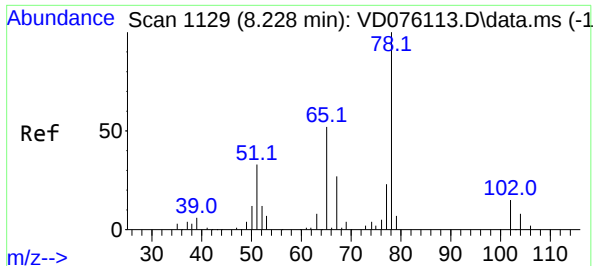
Tgt Ion: 76 Resp: 266
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Tgt Ion: 56 Resp: 5865
Ion Ratio Lower Upper
56 100
69 152.8 25.5 38.3#
84 131.4 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 44.959 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076178.D

Acq: 22 May 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

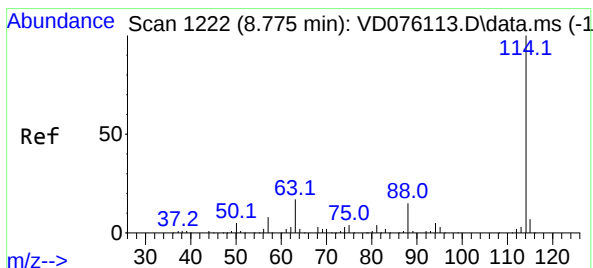
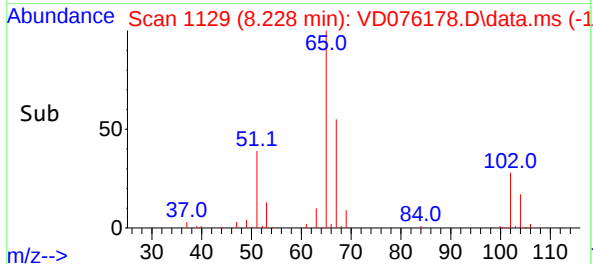
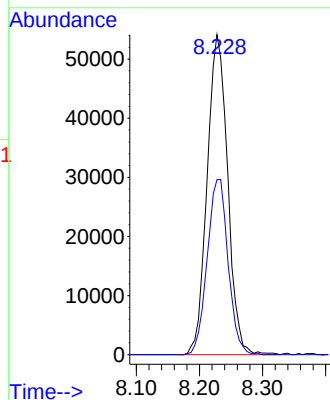
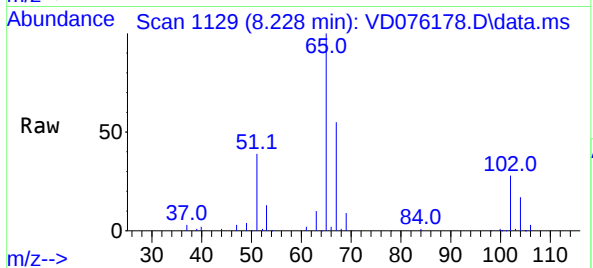
TP10

Tgt Ion: 65 Resp: 122300

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076178.D

Acq: 22 May 2023 16:22

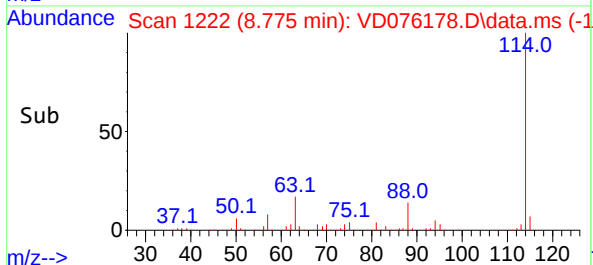
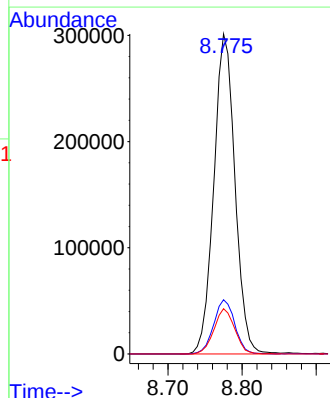
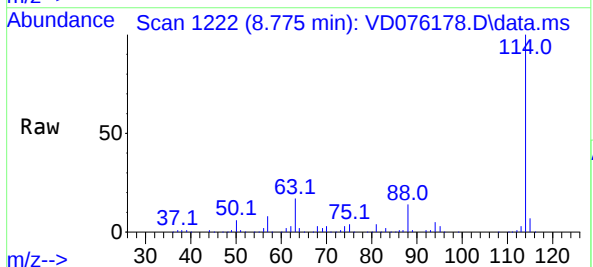
Tgt Ion: 114 Resp: 597041

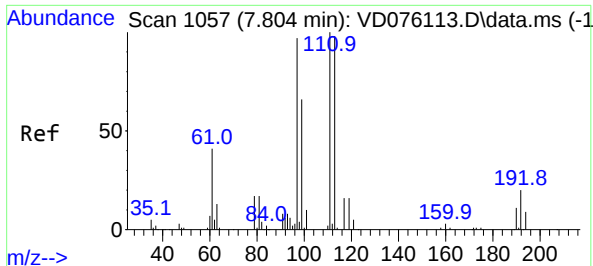
Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 14.2 0.0 30.6



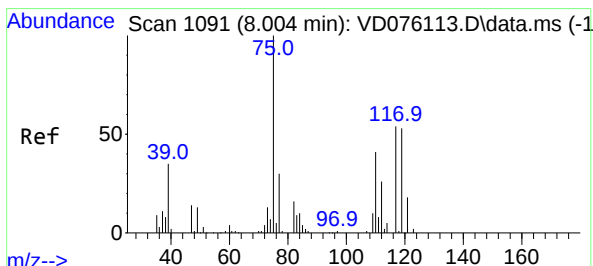
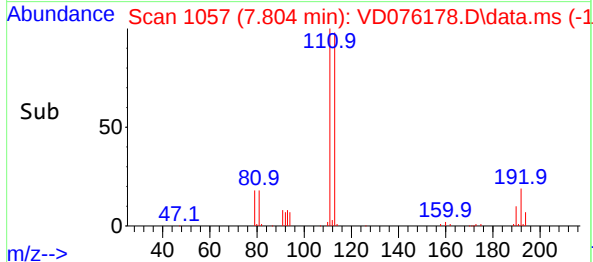
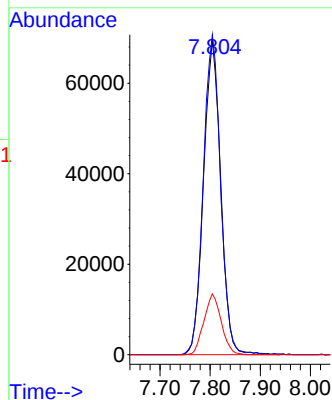
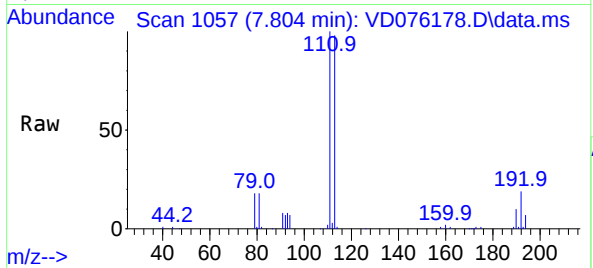


#35
Dibromofluoromethane
Concen: 40.214 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :
TP10

Tgt Ion:113 Resp: 165956

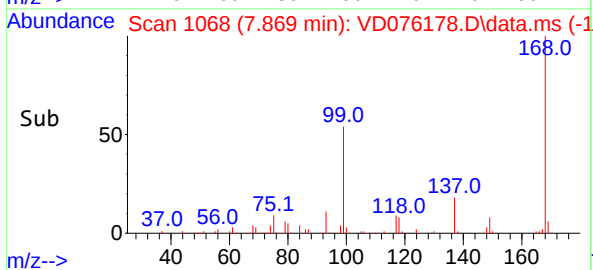
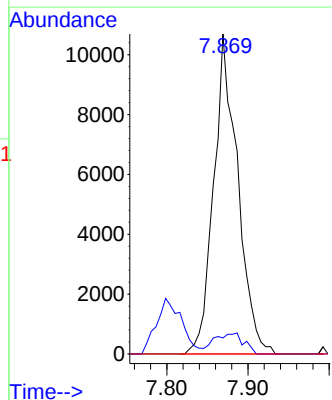
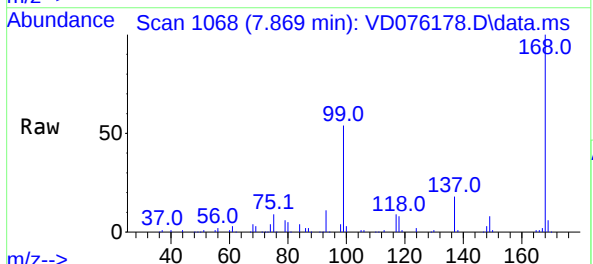
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	19.4	15.2	22.8

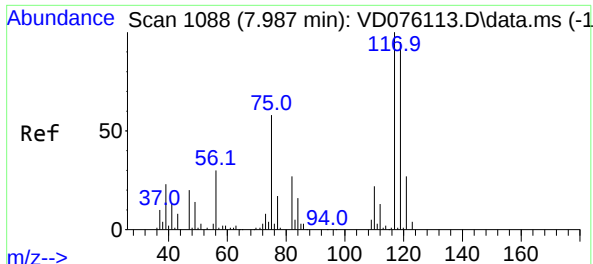


#36
1,1-Dichloropropene
Concen: 3.945 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Tgt Ion: 75 Resp: 21985

Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.1	51.2#
77	0.0	24.6	36.8#

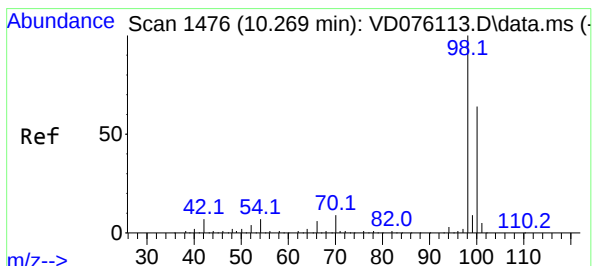
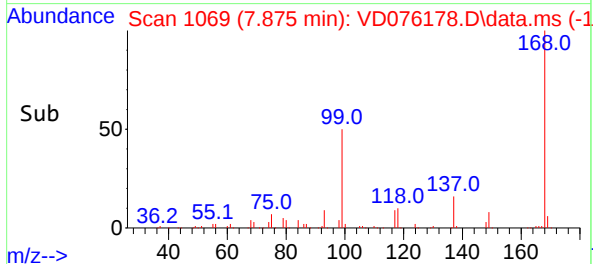
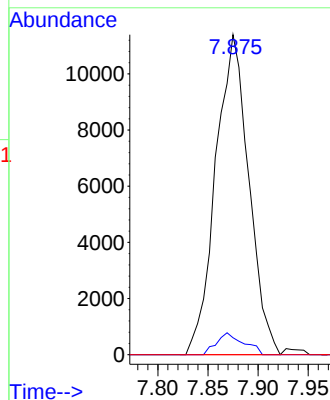
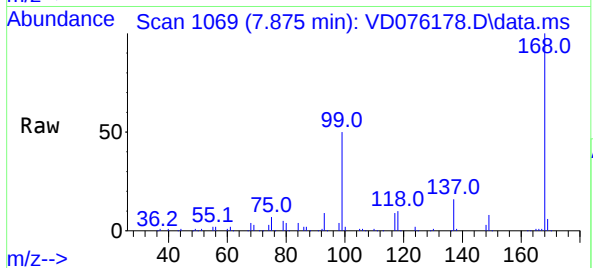




#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

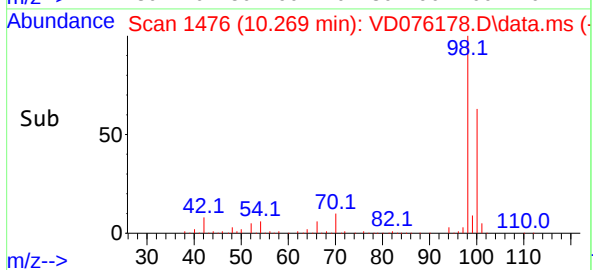
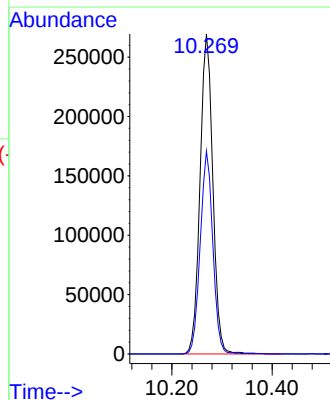
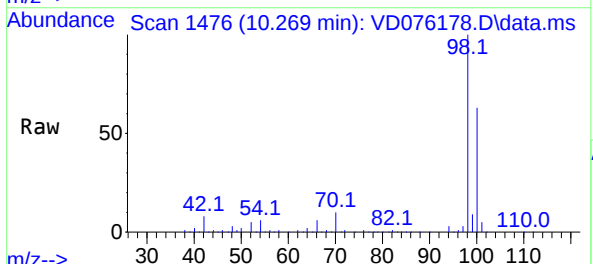
Instrument :
MSVOA_D
ClientSampleId :
TP10

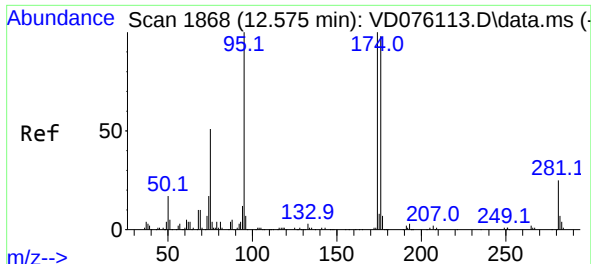
Tgt Ion:117 Resp: 26209
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 29.602 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Tgt Ion: 98 Resp: 476223
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

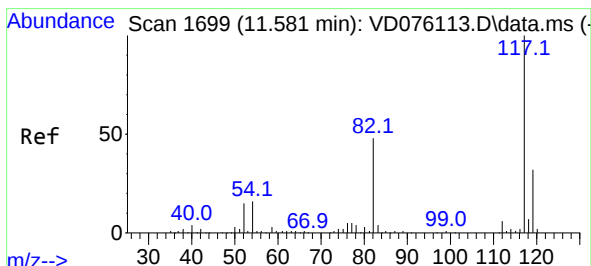
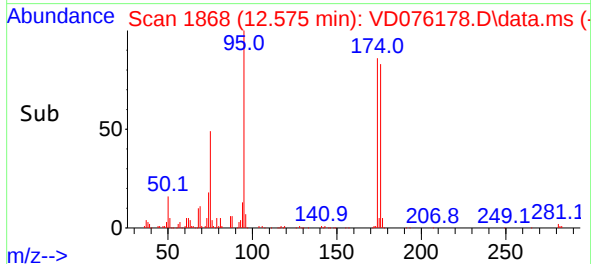
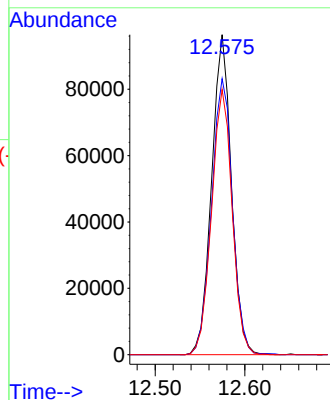
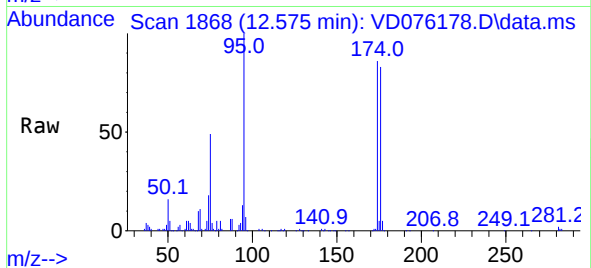




#62
4-Bromofluorobenzene
Concen: 33.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

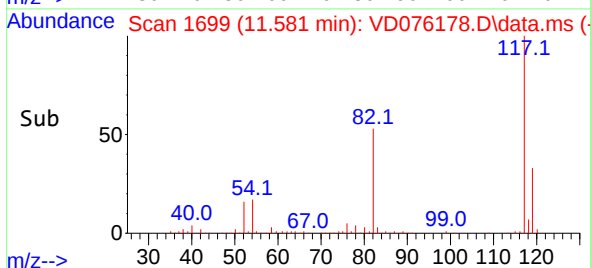
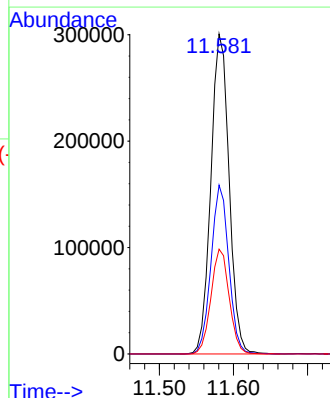
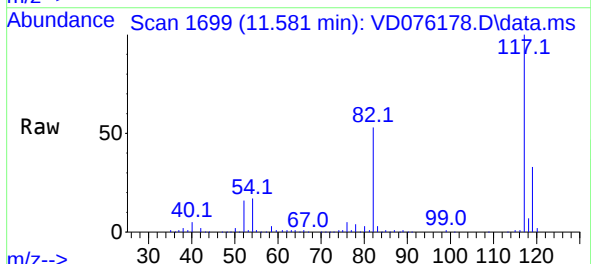
Instrument :
MSVOA_D
ClientSampleId :
TP10

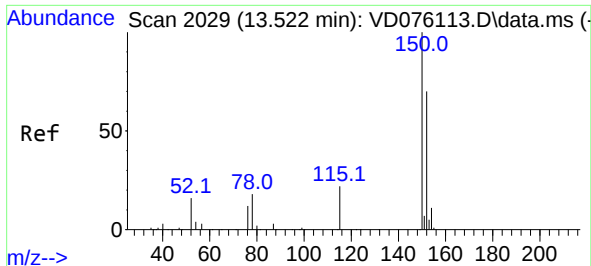
Tgt Ion: 95 Resp: 147672
Ion Ratio Lower Upper
95 100
174 91.3 0.0 164.0
176 86.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

Tgt Ion: 117 Resp: 513973
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 32.7 25.1 37.7

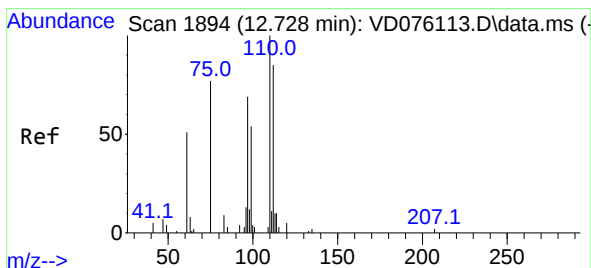
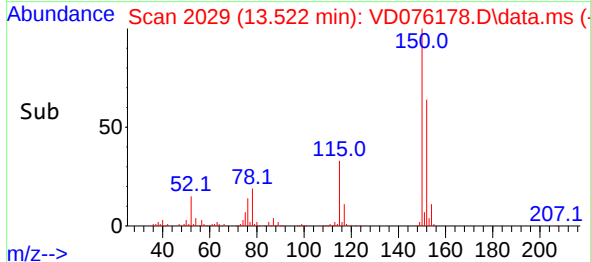
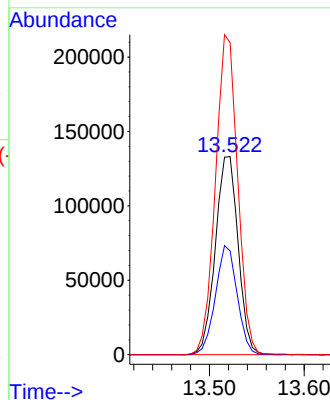
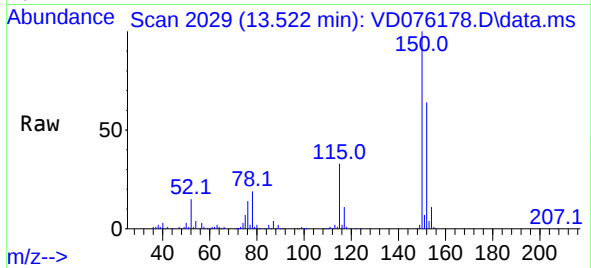




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

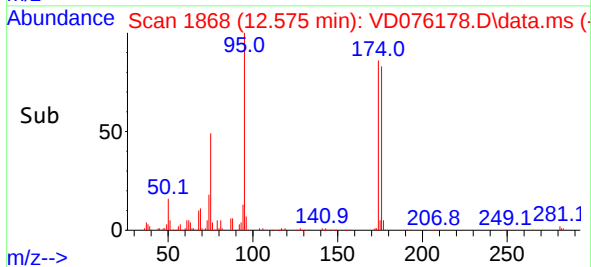
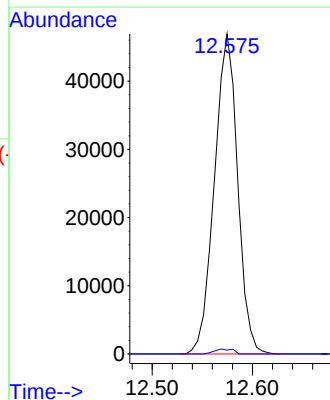
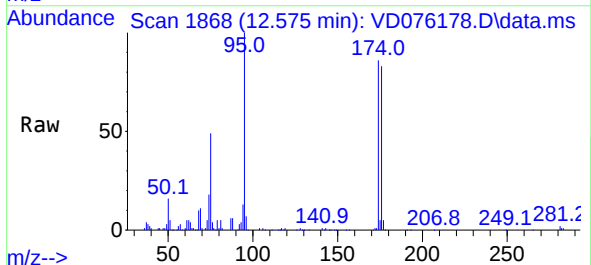
Instrument :
MSVOA_D
ClientSampleId :
TP10

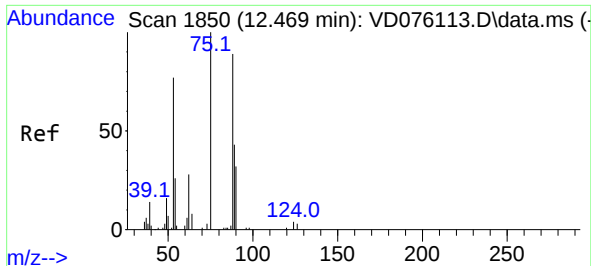
Tgt Ion:152 Resp: 222853
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 157.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 38.667 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076178.D
Acq: 22 May 2023 16:22

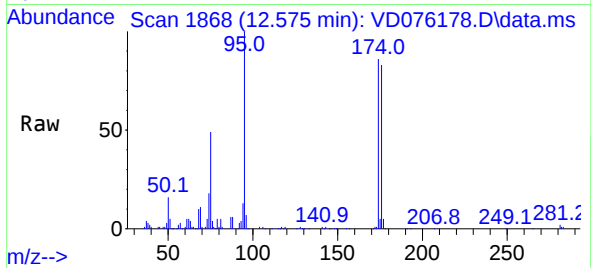
Tgt Ion: 75 Resp: 75407
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.117 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076178.D
 Acq: 22 May 2023 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10



Tgt Ion: 75 Resp: 75407

Ion	Ratio	Lower	Upper
75	100		
53	0.2	90.5	135.7#
89	0.0	40.2	60.4#

