

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076160.D
 Acq On : 19 May 2023 16:40
 Operator : KP/SY
 Sample : 02845-11
 Misc : 5.13G/5.01ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: May 22 01:30:24 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)

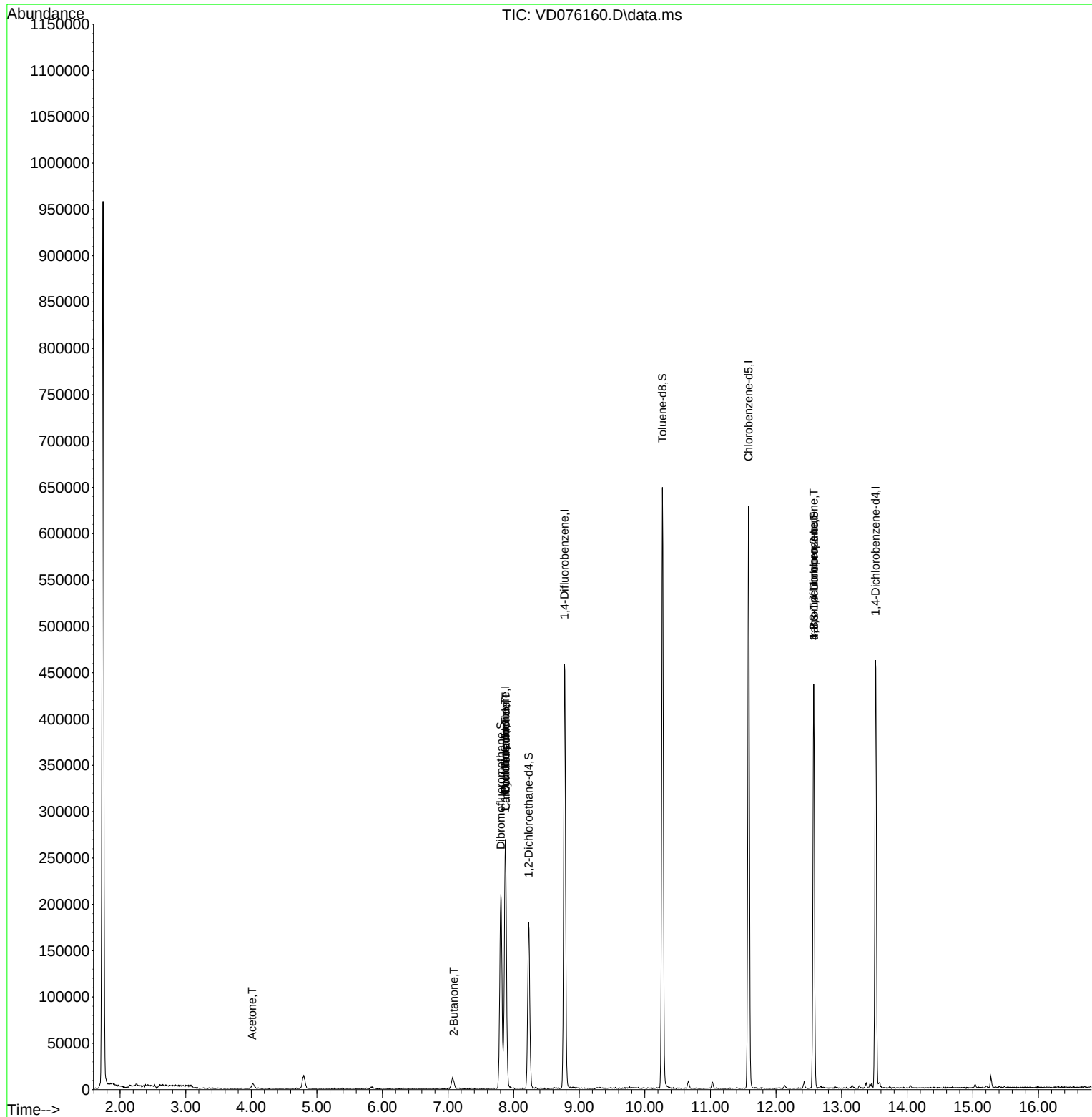
Internal Standards						
1) Pentafluorobenzene	7.875	168	213453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	433027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	135374	65.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.240%	
35) Dibromofluoromethane	7.804	113	156587	52.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.620%	
50) Toluene-d8	10.269	98	465820	39.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.840%	
62) 4-Bromofluorobenzene	12.575	95	133561	41.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.420%	
Target Compounds						Qvalue
3) Chloromethane	2.152	50	255	Below Cal	#	39
16) Acetone	4.016	43	9042	22.029	ug/l #	87
20) Methylene Chloride	4.799	84	11716	Below Cal	#	76
25) 2-Butanone	7.087	43	1408	2.728	ug/l #	50
31) Cyclohexane	7.875	56	4556	1.442	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	16766	4.148	ug/l #	48
38) Carbon Tetrachloride	7.881	117	20801	5.697	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	69316	59.835	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69316	125.524	ug/l #	5

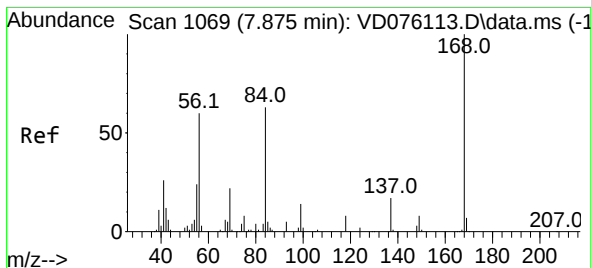
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 10

Delta R.T. 0.000 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

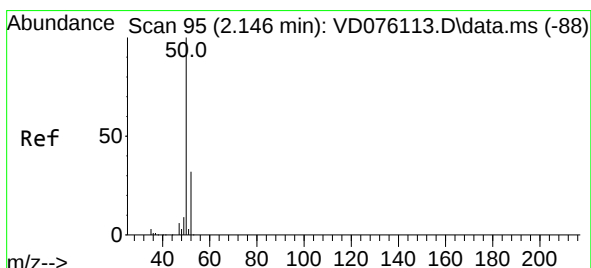
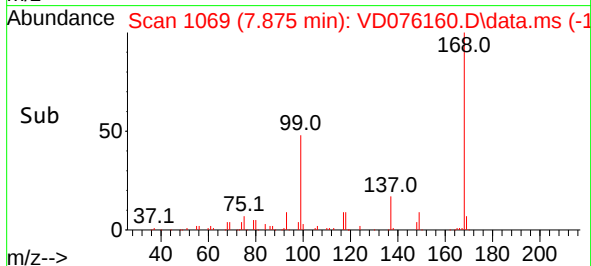
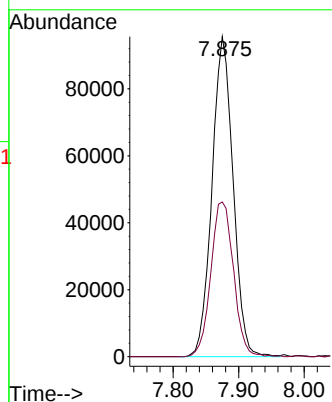
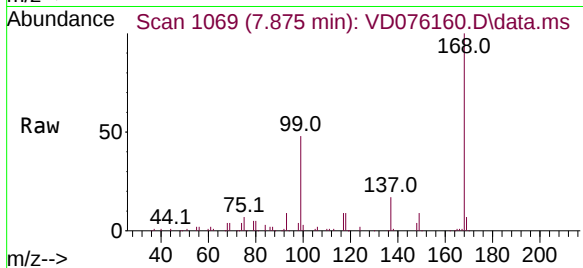
TP2

Tgt Ion:168 Resp: 213453

Ion Ratio Lower Upper

168 100

99 48.3 43.8 65.6



#3

Chloromethane

Concen: Below Cal

RT: 2.152 min Scan# 96

Delta R.T. 0.006 min

Lab File: VD076160.D

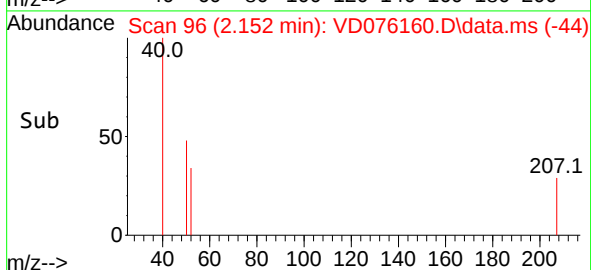
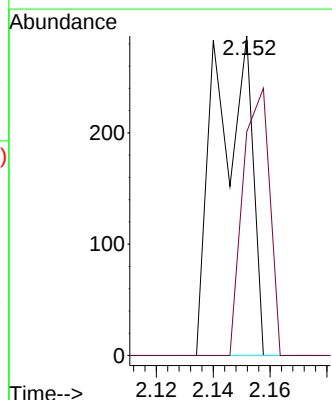
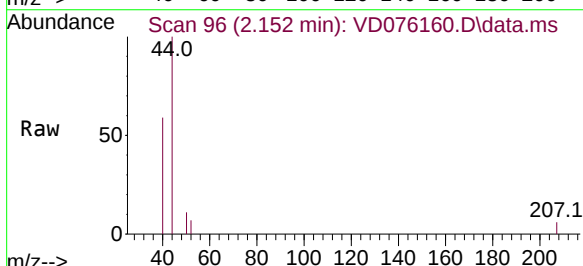
Acq: 19 May 2023 16:40

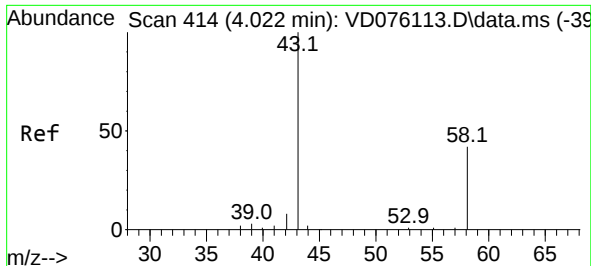
Tgt Ion: 50 Resp: 255

Ion Ratio Lower Upper

50 100

52 70.0 27.8 41.8#

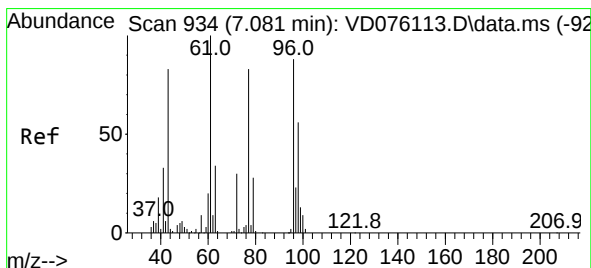
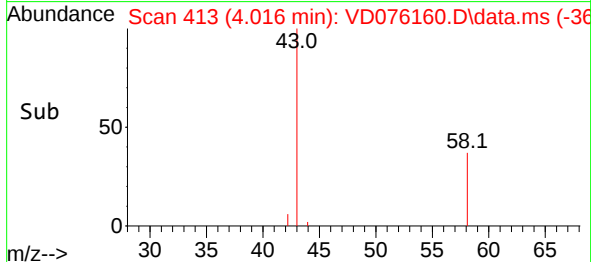
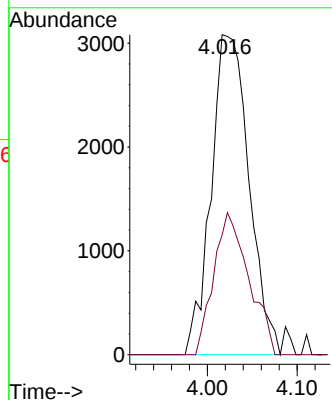
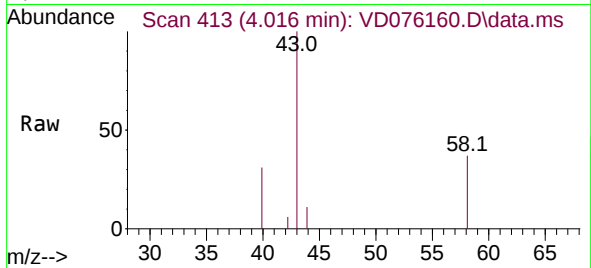




#16
Acetone
Concen: 22.029 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

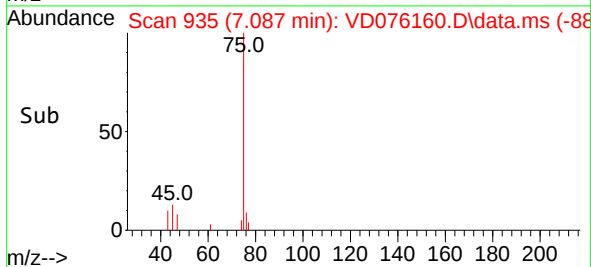
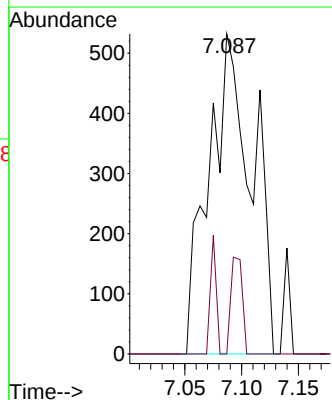
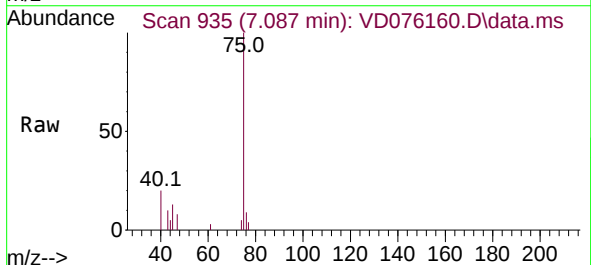
Instrument :
MSVOA_D
ClientSampleId :
TP2

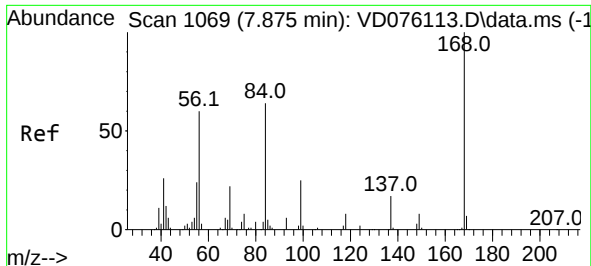
Tgt Ion: 43 Resp: 9042
Ion Ratio Lower Upper
43 100
58 37.4 24.4 36.6#



#25
2-Butanone
Concen: 2.728 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#

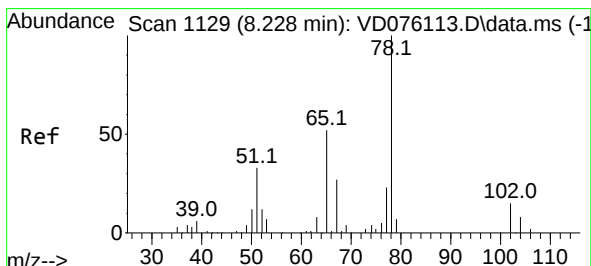
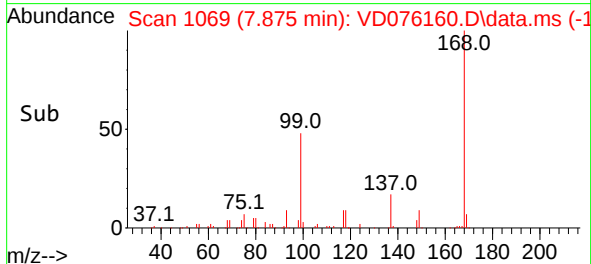
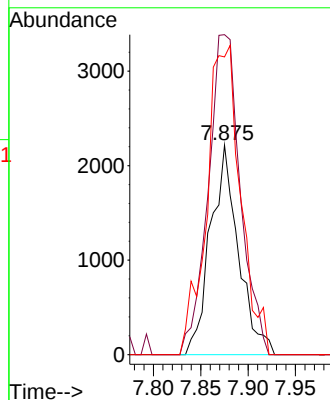
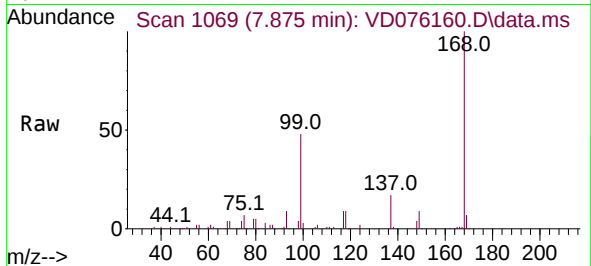




#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

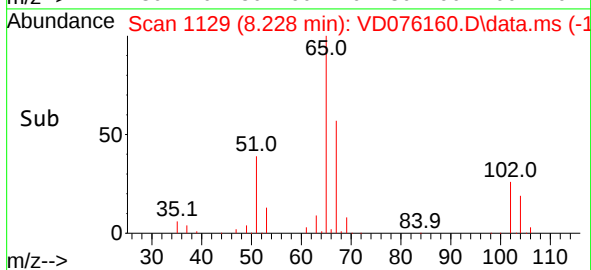
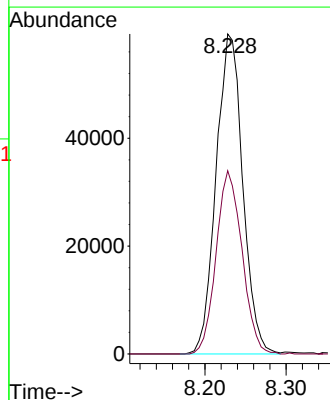
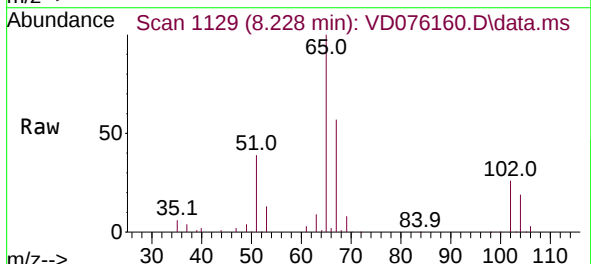
Instrument :
MSVOA_D
ClientSampleId :
TP2

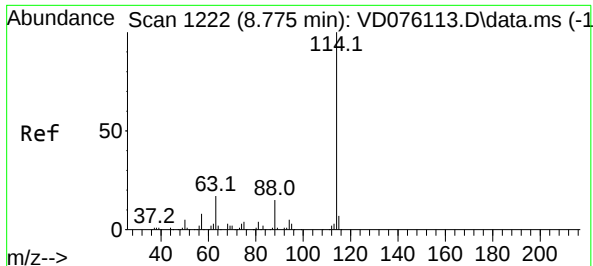
Tgt Ion	Resp	Lower	Upper
56	100		
69	152.7	25.5	38.3#
84	142.1	69.6	104.4#



#33
1,2-Dichloroethane-d4
Concen: 65.621 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion	Resp	Lower	Upper
65	100		
67	55.6	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: VD076160.D

Acq: 19 May 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

TP2

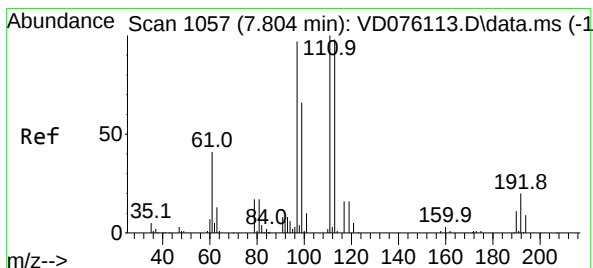
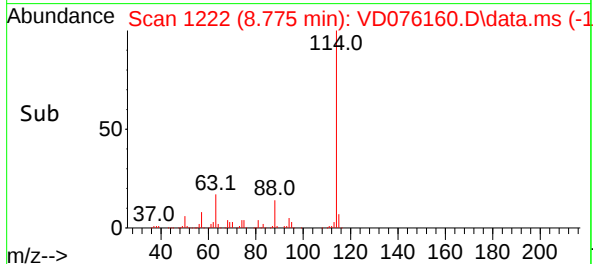
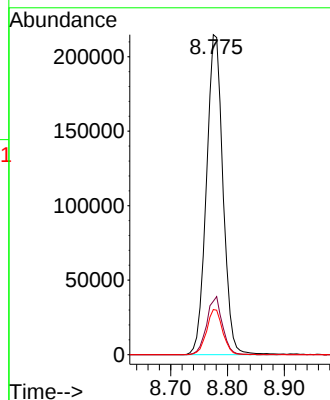
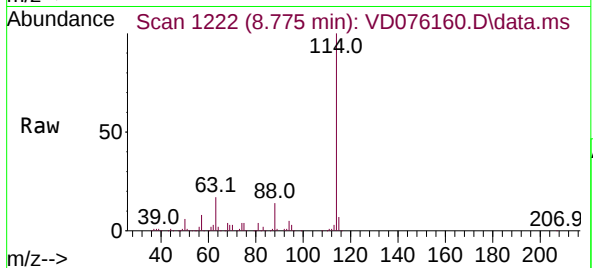
Tgt Ion:114 Resp: 433027

Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.315 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

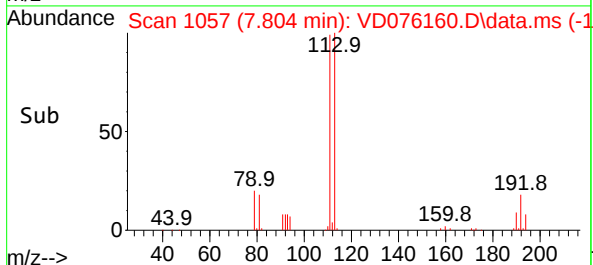
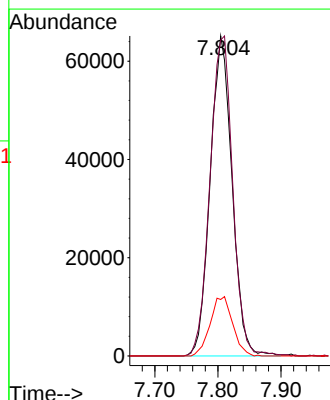
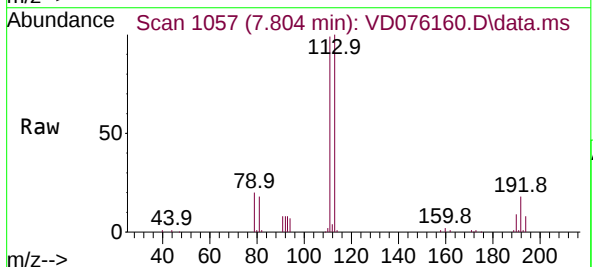
Tgt Ion:113 Resp: 156587

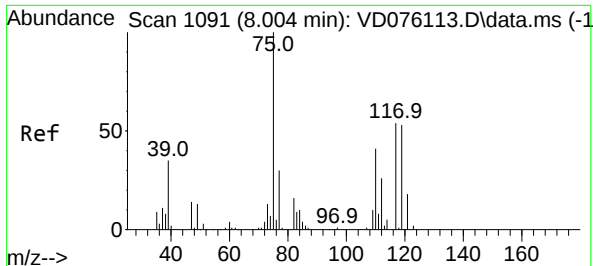
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.148 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

TP2

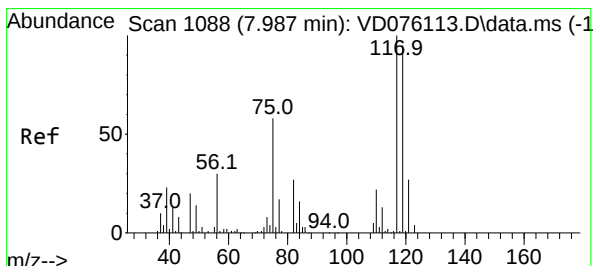
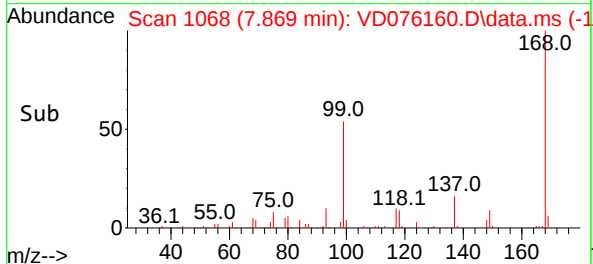
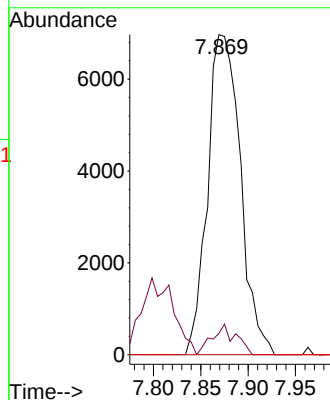
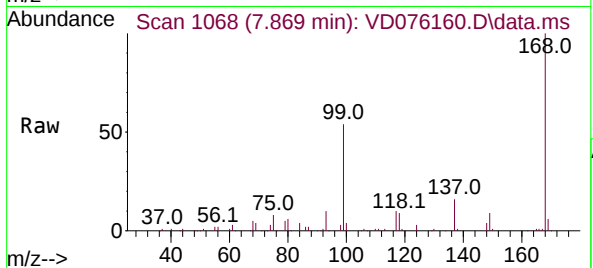
Tgt Ion: 75 Resp: 16766

Ion Ratio Lower Upper

75 100

110 6.9 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

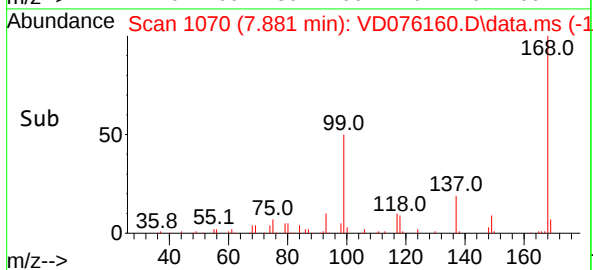
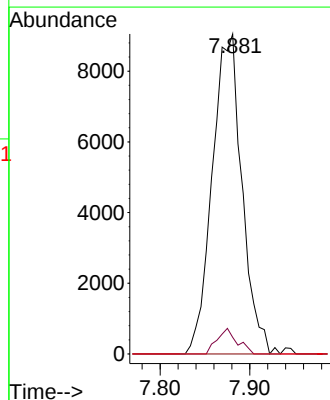
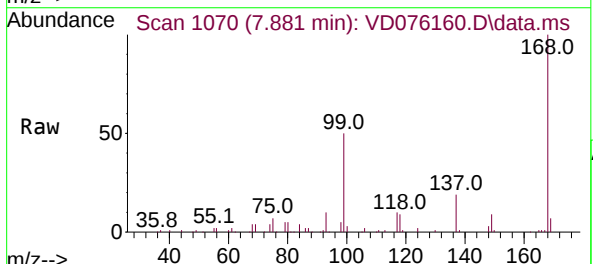
Tgt Ion: 117 Resp: 20801

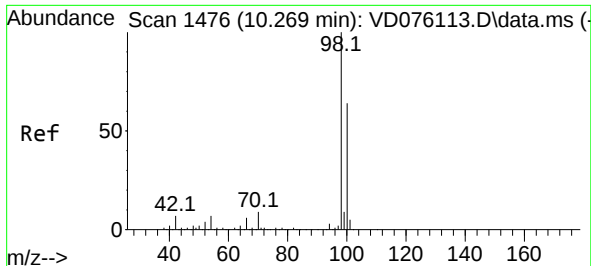
Ion Ratio Lower Upper

117 100

119 5.2 74.7 112.1#

121 0.0 25.9 38.9#

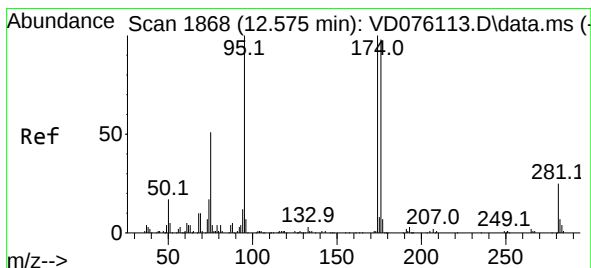
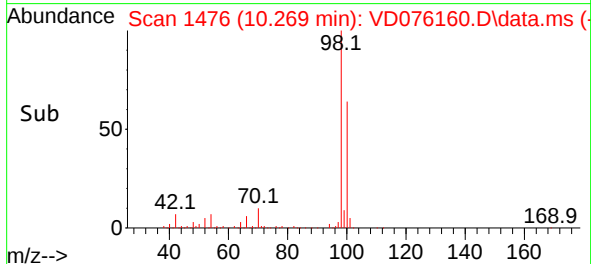
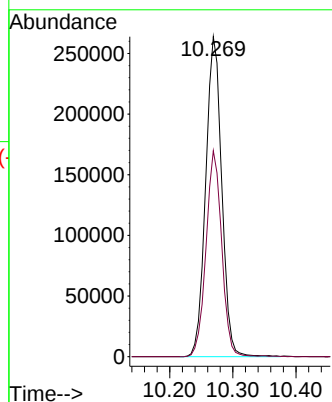
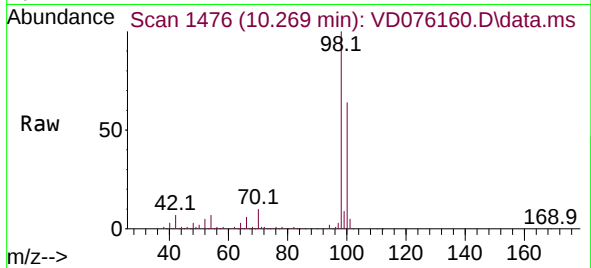




#50
Toluene-d8
Concen: 39.922 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

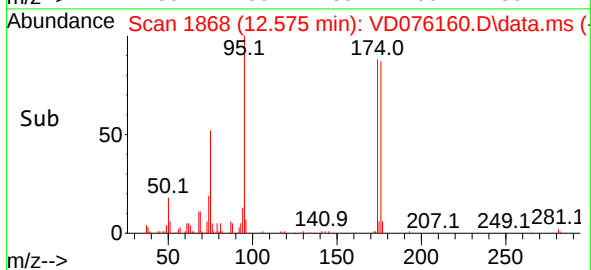
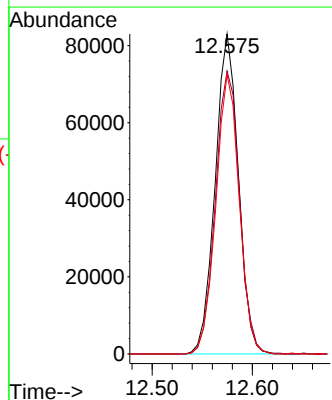
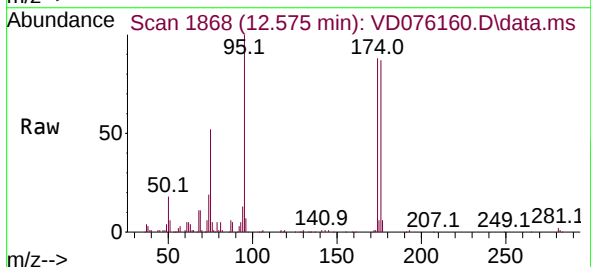
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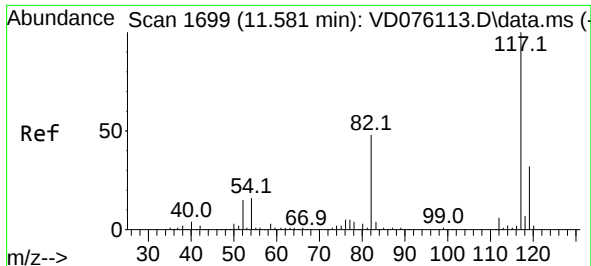
Tgt Ion: 98 Resp: 465820
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.207 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion: 95 Resp: 133561
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 87.8 0.0 156.8

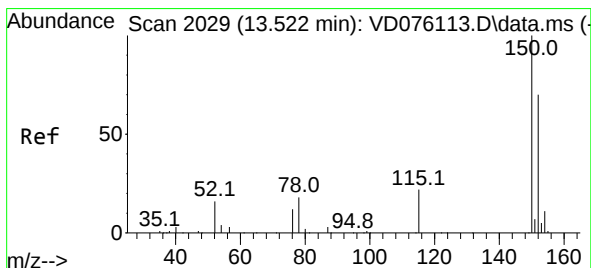
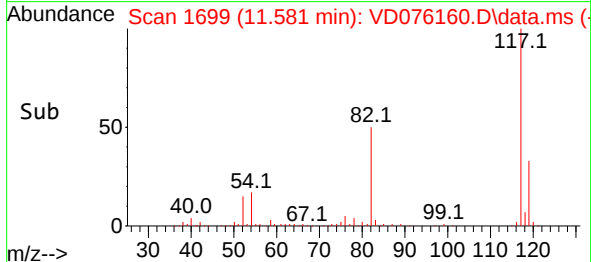
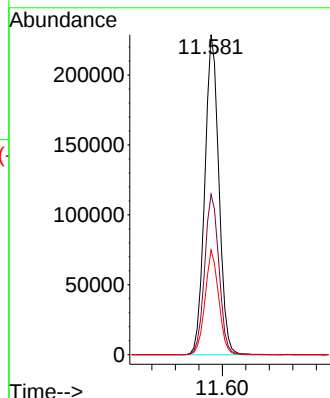
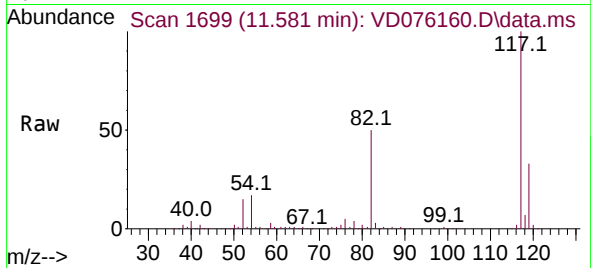




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

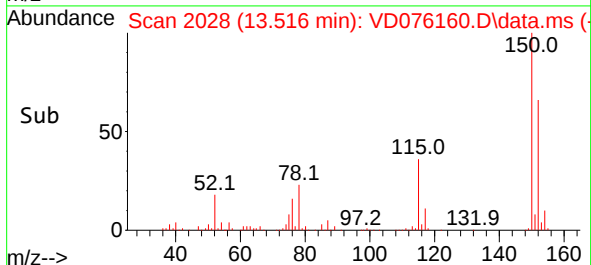
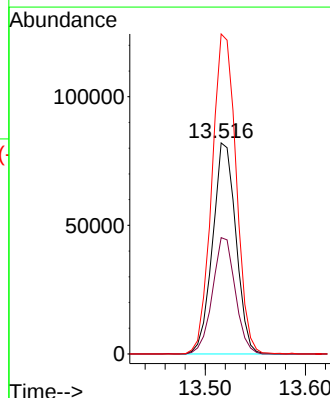
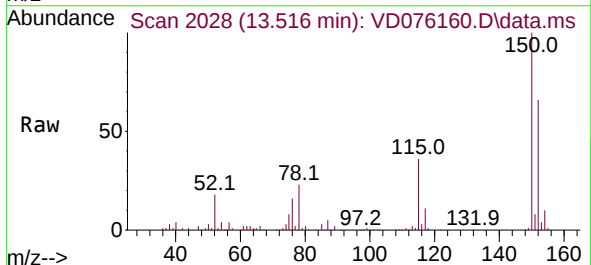
Instrument :
MSVOA_D
ClientSampleId :
TP2

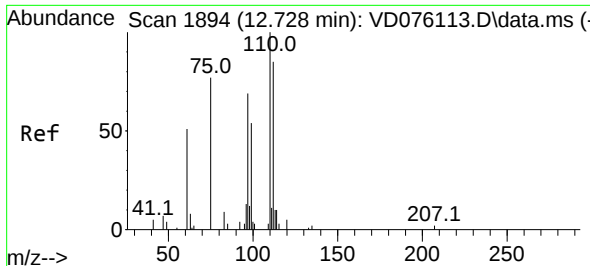
Tgt Ion:117 Resp: 379875
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion:152 Resp: 132382
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 157.7 0.0 364.8

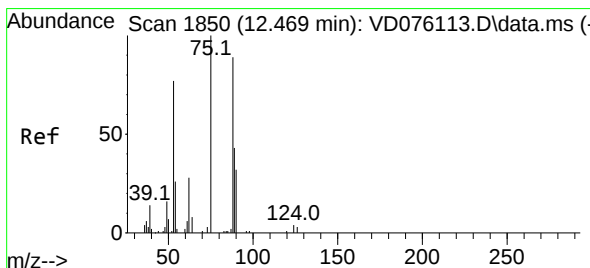
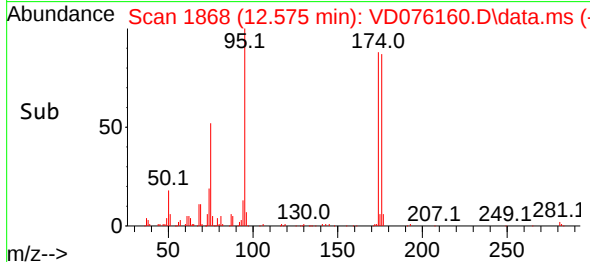
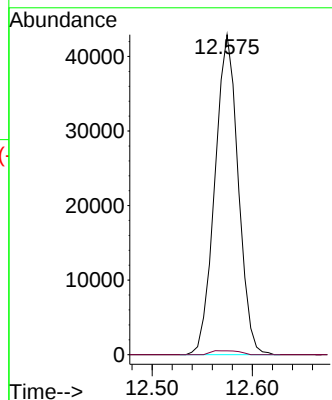
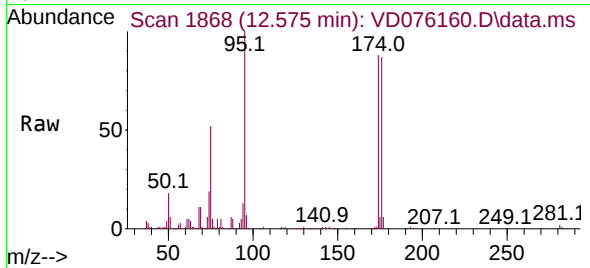




#76
1,2,3-Trichloropropane
Concen: 59.835 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion: 75 Resp: 69316
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion: 75 Resp: 69316
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

