

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076562.D
 Acq On : 23 Jun 2023 17:03
 Operator : KP/SY
 Sample : 03368-01
 Misc : 6.19G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-28

Quant Time: Jun 24 00:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

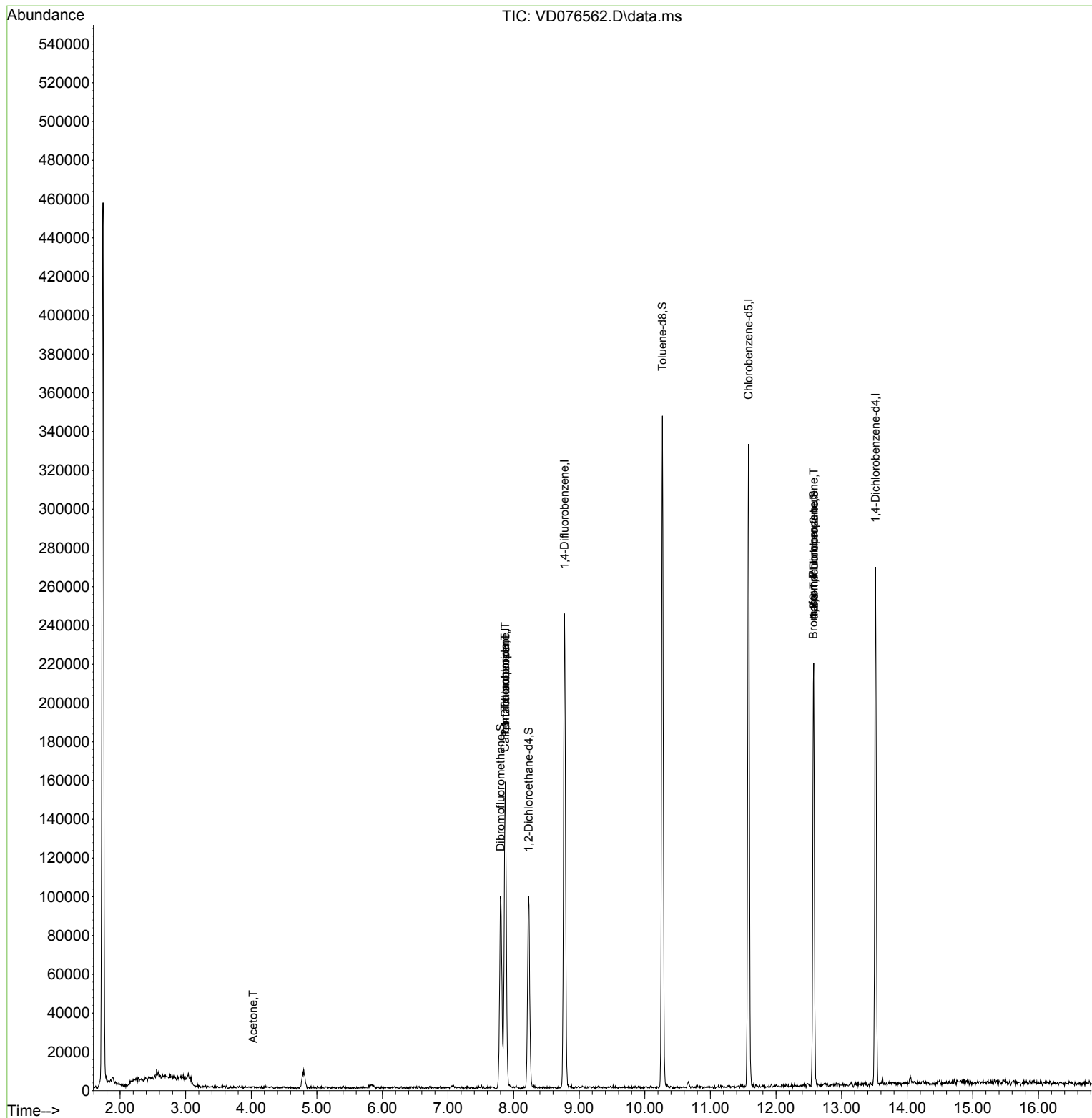
Internal Standards						
1) Pentafluorobenzene	7.875	168	121515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77097	63.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.660%	
35) Dibromofluoromethane	7.799	113	69247	54.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.269	98	233253	48.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.575	95	64208	40.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.500%	
Target Compounds						Qvalue
16) Acetone	4.028	43	306	1.056	ug/l #	32
20) Methylene Chloride	4.799	84	5942	Below Cal	#	68
36) 1,1-Dichloropropene	7.875	75	10181	5.680	ug/l #	42
38) Carbon Tetrachloride	7.869	117	11987	7.482	ug/l #	16
71) Bromoform	12.569	173	934	1.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	35321	52.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35321	114.385	ug/l #	17

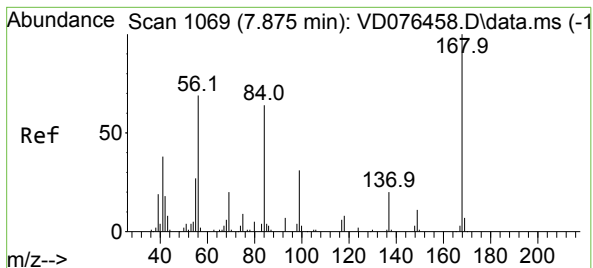
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

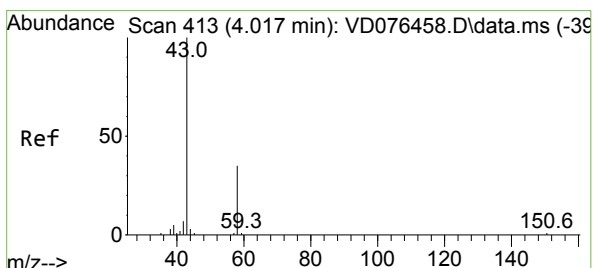
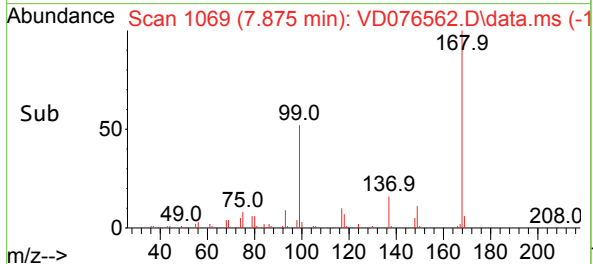
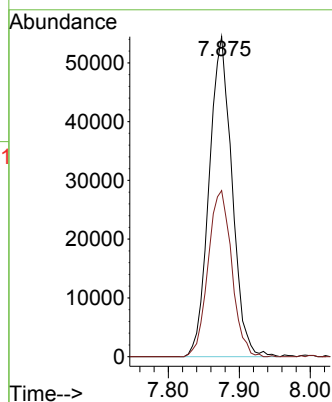
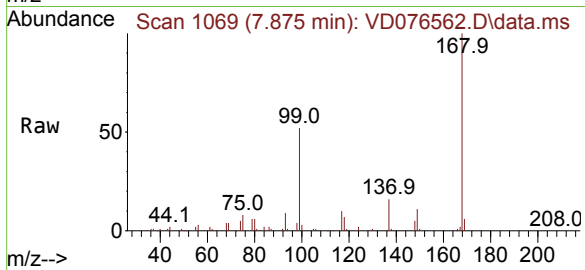
CF-28

Tgt Ion:168 Resp: 121515

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#16

Acetone

Concen: 1.056 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD076562.D

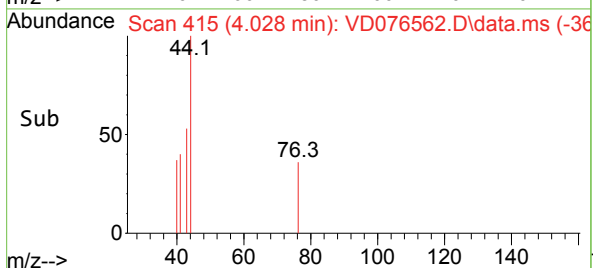
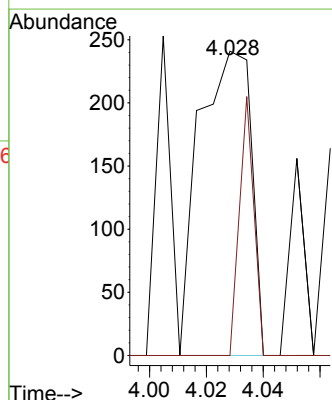
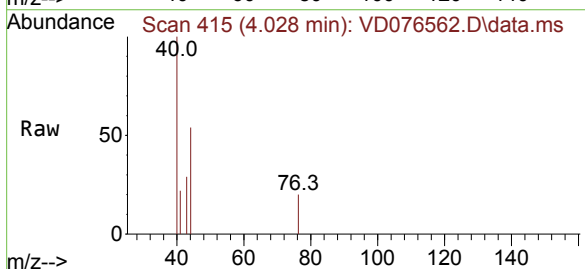
Acq: 23 Jun 2023 17:03

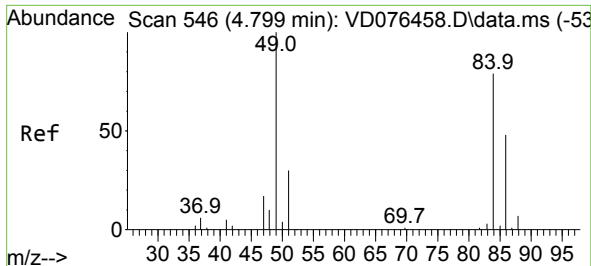
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

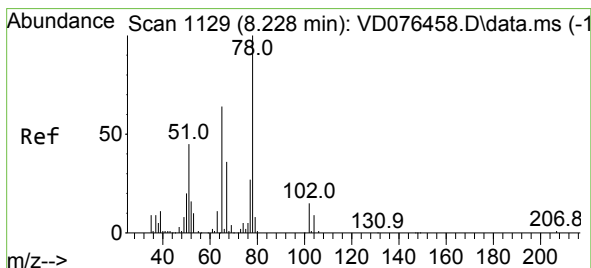
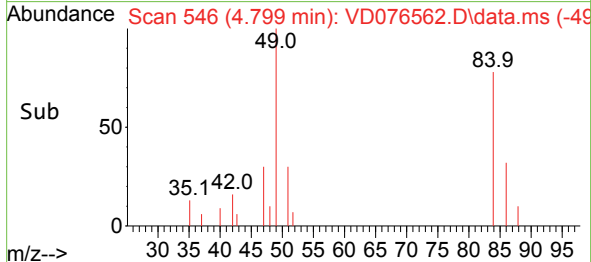
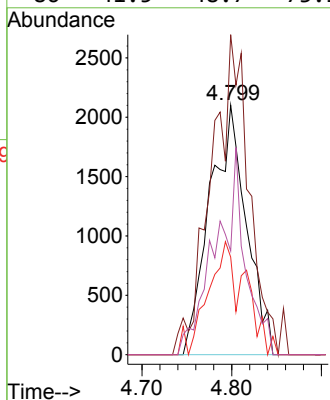
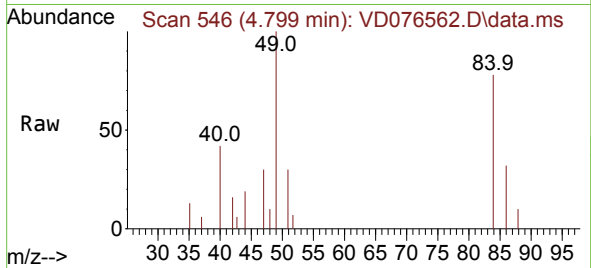




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

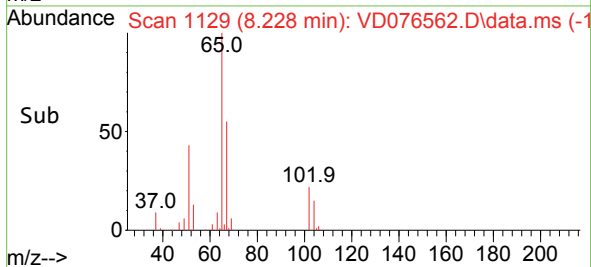
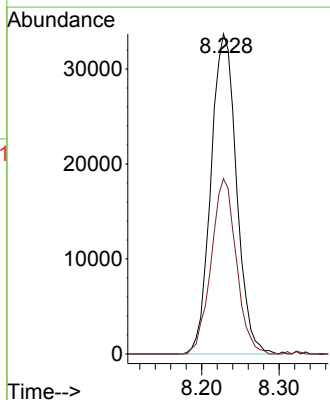
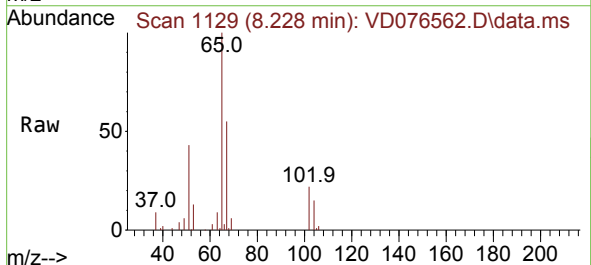
Instrument :
MSVOA_D
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CF-28

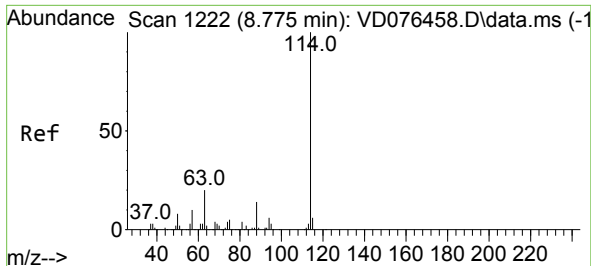
Tgt Ion:	84	Resp:	5942
Ion	Ratio	Lower	Upper
84	100		
49	128.3	71.4	107.2#
51	39.1	24.5	36.7#
86	41.5	48.7	73.1#



#33
1,2-Dichloroethane-d4
Concen: 63.325 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Tgt Ion:	65	Resp:	77097
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

CF-28

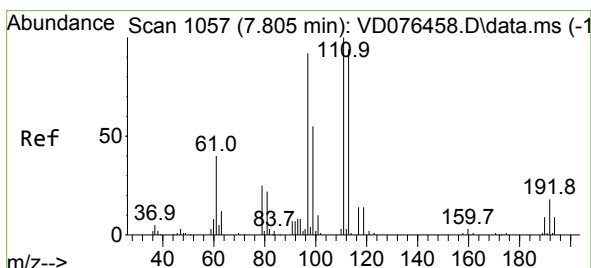
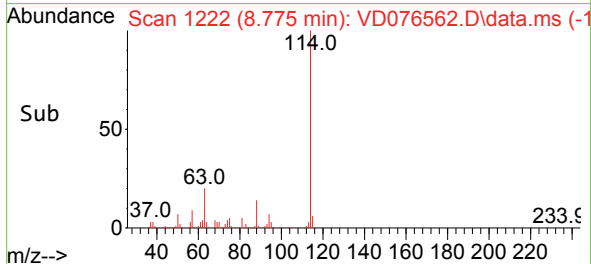
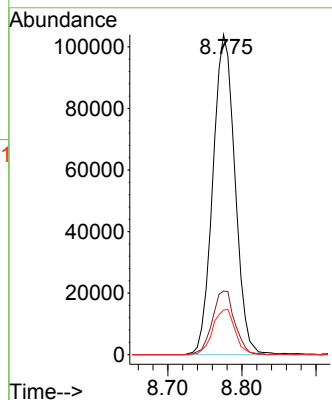
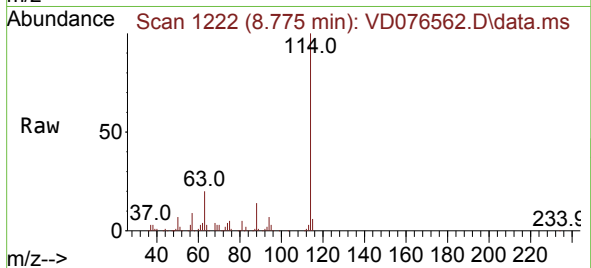
Tgt Ion:114 Resp: 215468

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.098 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

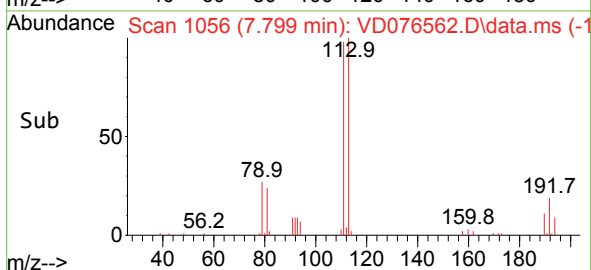
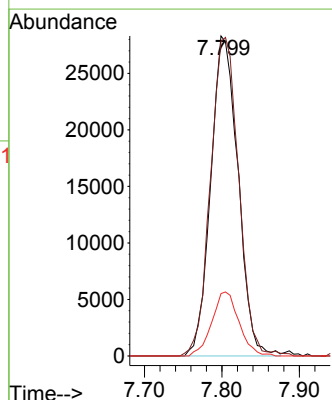
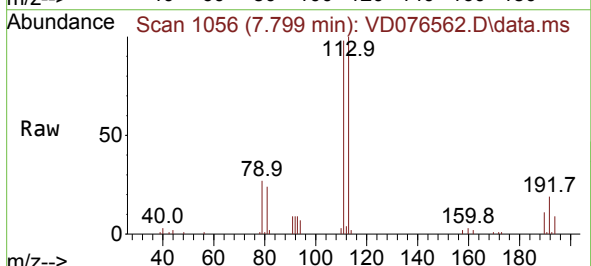
Tgt Ion:113 Resp: 69247

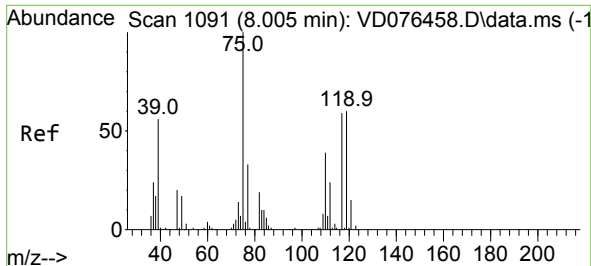
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 19.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.680 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

CF-28

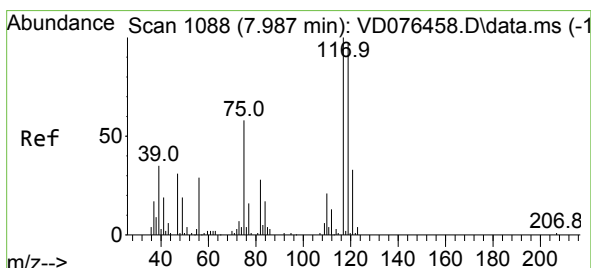
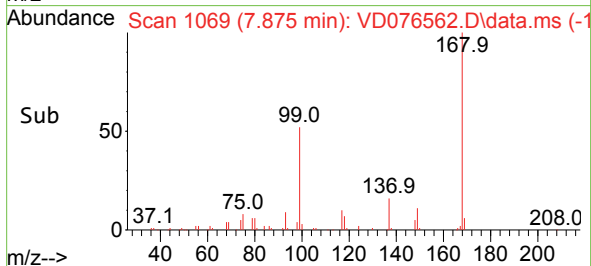
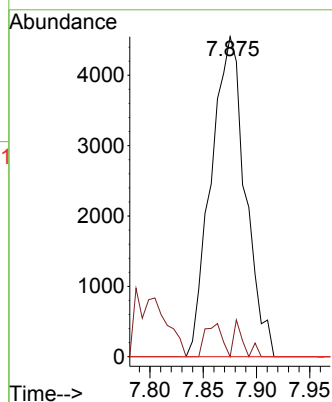
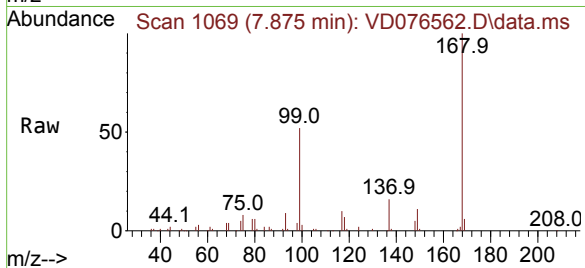
Tgt Ion: 75 Resp: 10181

Ion Ratio Lower Upper

75 100

110 3.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.482 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

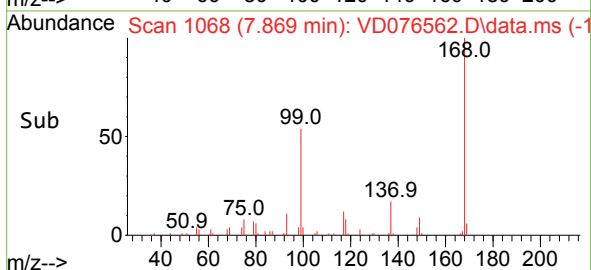
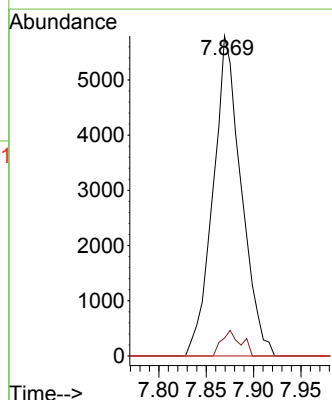
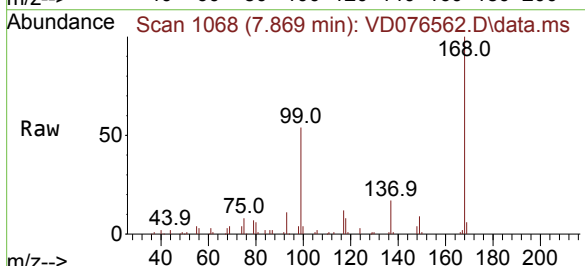
Tgt Ion: 117 Resp: 11987

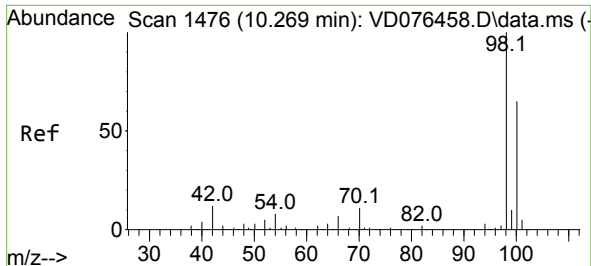
Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

121 0.0 24.2 36.2#

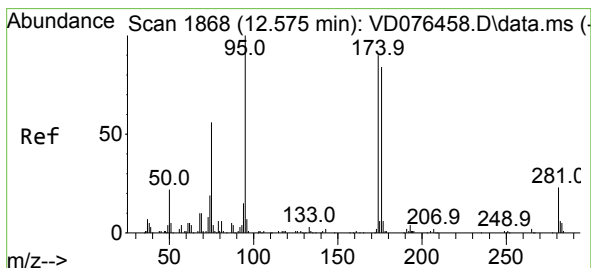
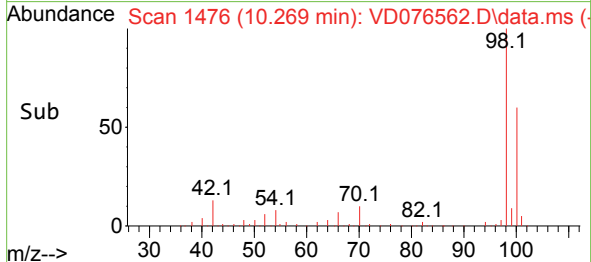
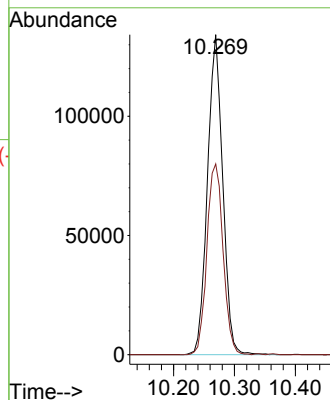
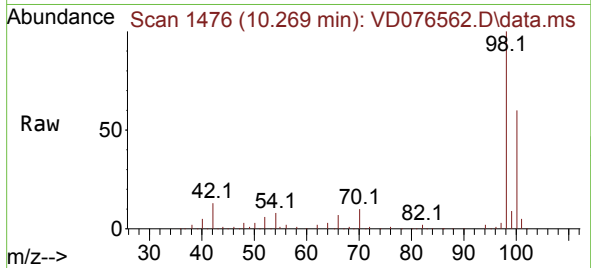




#50
Toluene-d8
Concen: 48.049 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

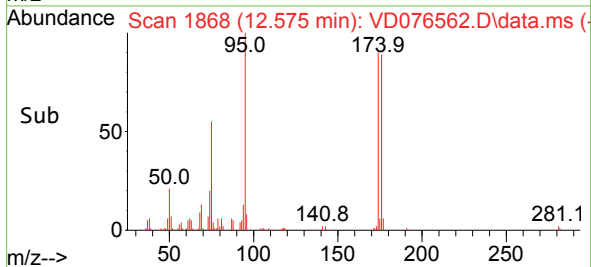
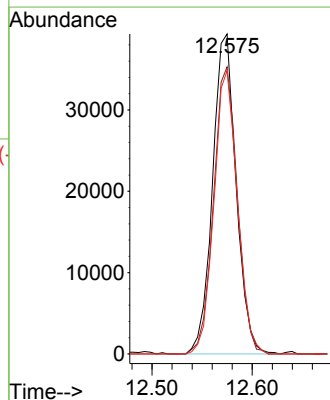
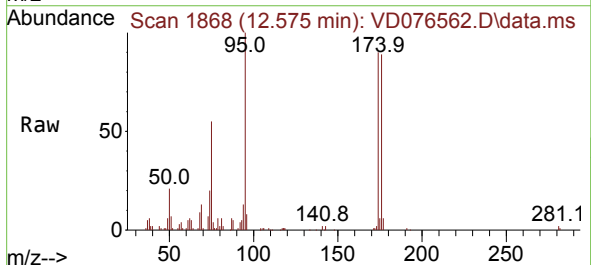
Instrument :
MSVOA_D
ClientSampleId :
CF-28

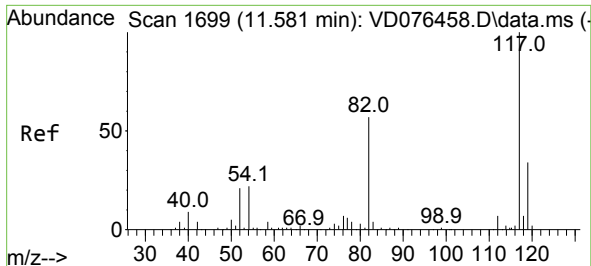
Tgt Ion: 98 Resp: 233253
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.755 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Tgt Ion: 95 Resp: 64208
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 88.0 0.0 191.8

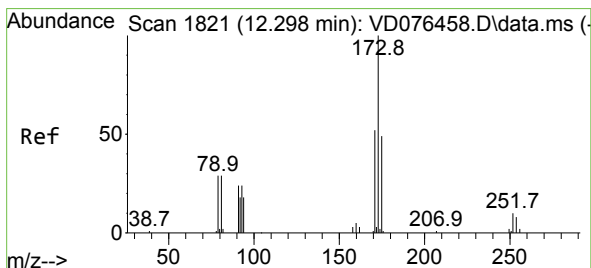
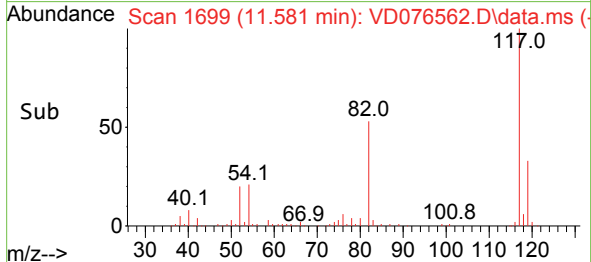
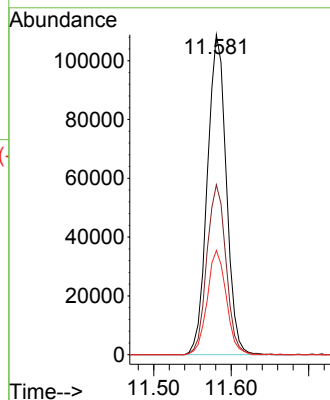
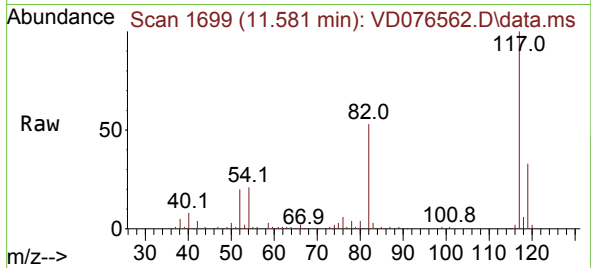




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

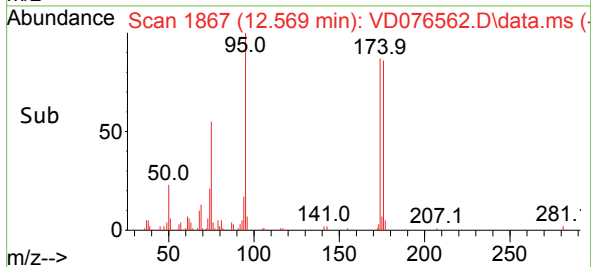
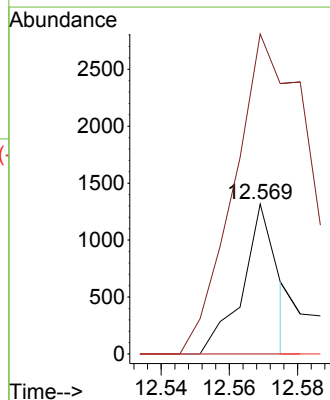
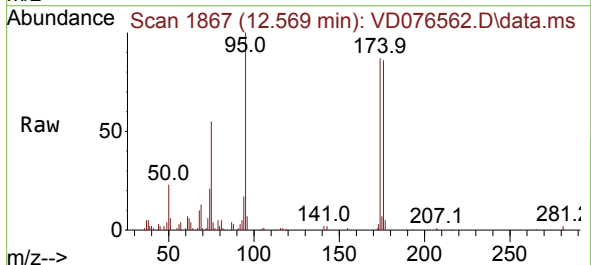
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MSVOA_D
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CF-28

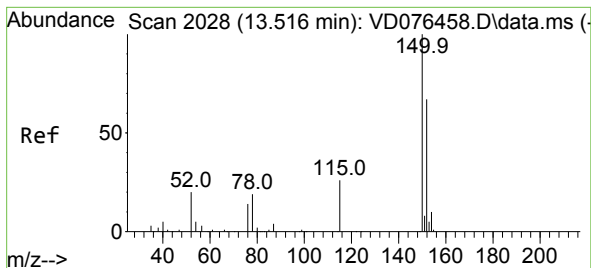
Tgt Ion:117 Resp: 184632
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 32.6 25.0 37.4



#71
Bromoform
Concen: 1.240 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD076562.D
Acq: 23 Jun 2023 17:03

Tgt Ion:173 Resp: 934
Ion Ratio Lower Upper
173 100
175 308.4 24.6 73.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076562.D

Acq: 23 Jun 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

CF-28

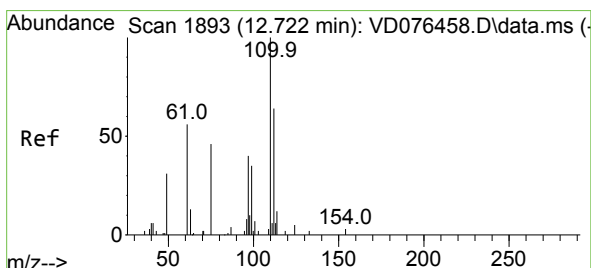
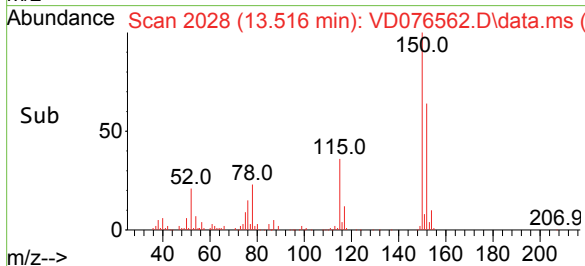
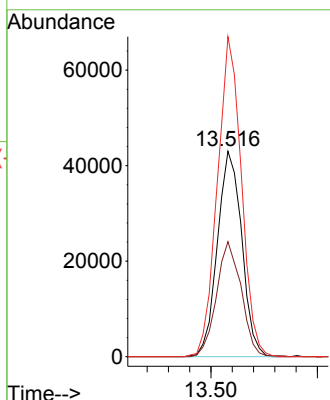
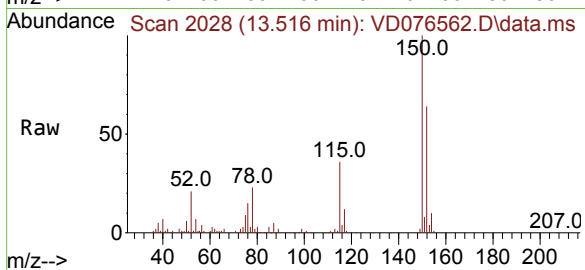
Tgt Ion:152 Resp: 68176

Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 153.6 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 52.201 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076562.D

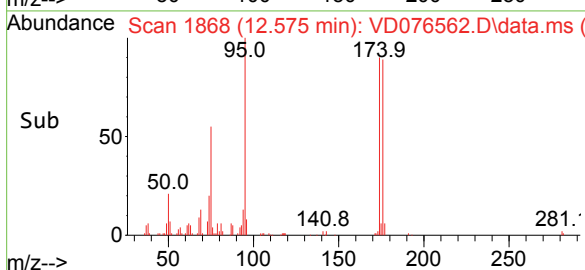
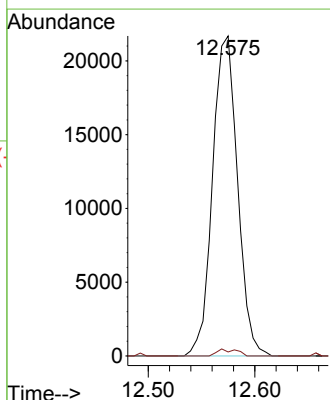
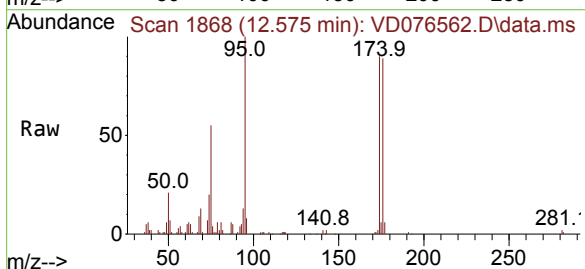
Acq: 23 Jun 2023 17:03

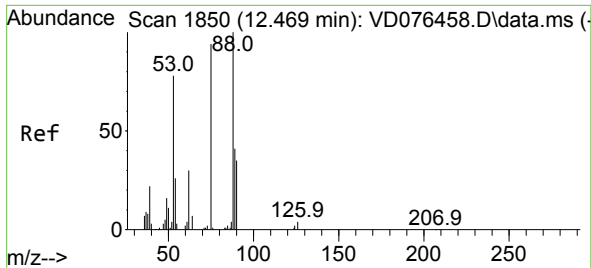
Tgt Ion: 75 Resp: 35321

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.385 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076562.D
 Acq: 23 Jun 2023 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-28

Tgt Ion: 75 Resp: 35321
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

