

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075382.D
 Acq On : 21 Feb 2023 15:55
 Operator : KP/SY
 Sample : IBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IBLK

Quant Time: Feb 21 17:57:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

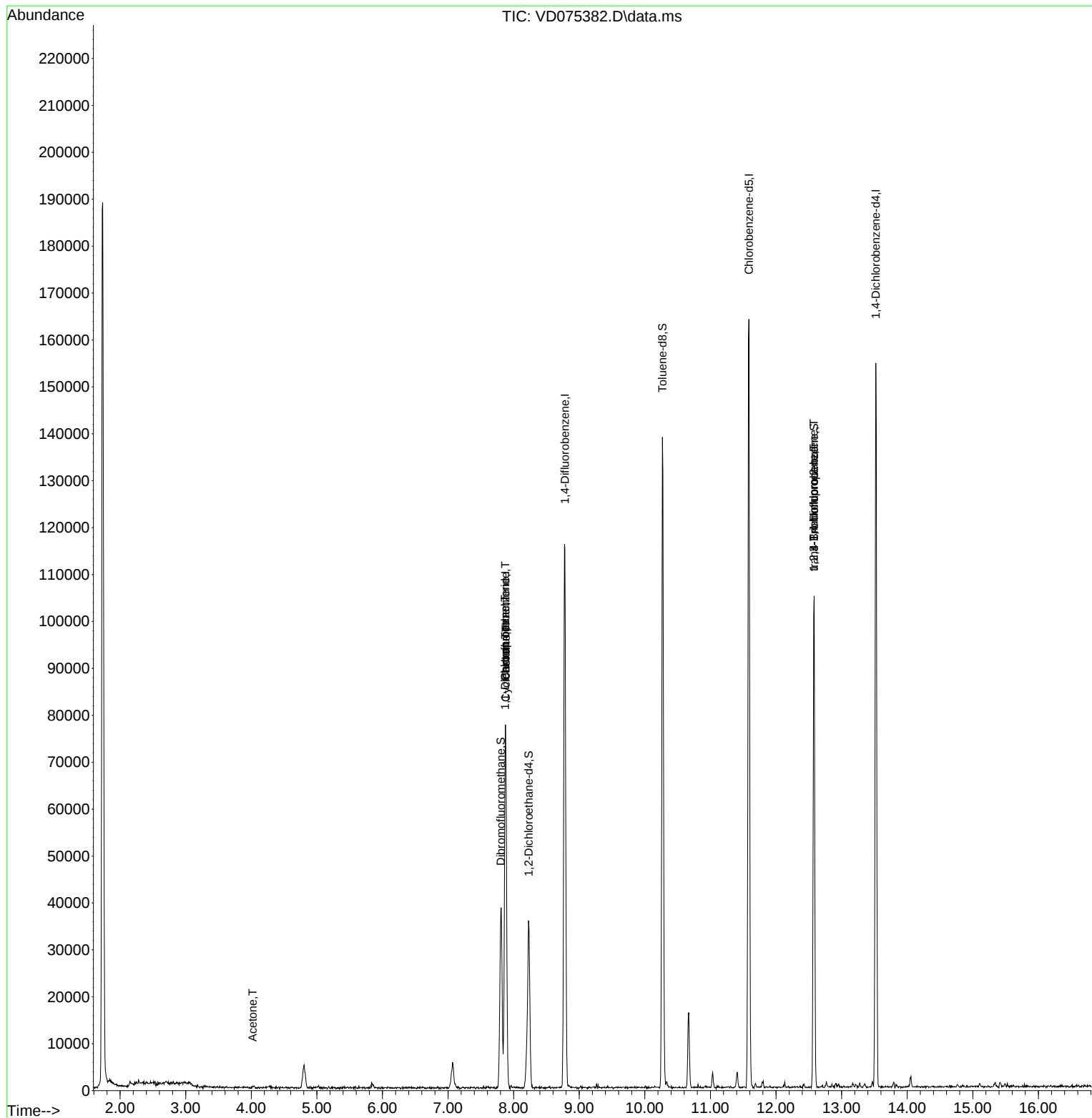
Internal Standards						
1) Pentafluorobenzene	7.875	168	58981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	100945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	89695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26352	52.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.804	113	27443	45.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.600%	
50) Toluene-d8	10.269	98	90509	41.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.700%	
62) 4-Bromofluorobenzene	12.580	95	30153	41.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	192	1.258	ug/l #	44
20) Methylene Chloride	4.787	84	1582	Below Cal	#	87
31) Cyclohexane	7.881	56	1962	1.639	ug/l #	65
36) 1,1-Dichloropropene	7.869	75	5348	4.979	ug/l #	48
38) Carbon Tetrachloride	7.875	117	5918	5.499	ug/l #	19
76) 1,2,3-Trichloropropane	12.574	75	16371	55.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	16371	125.126	ug/l #	5

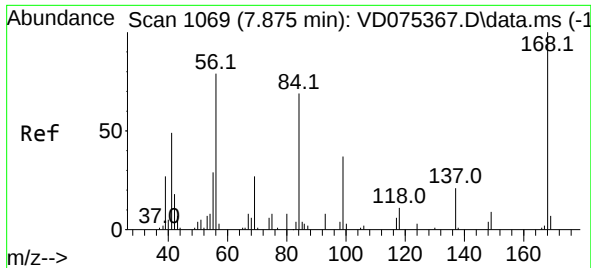
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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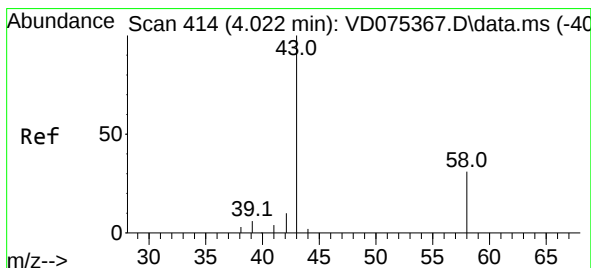
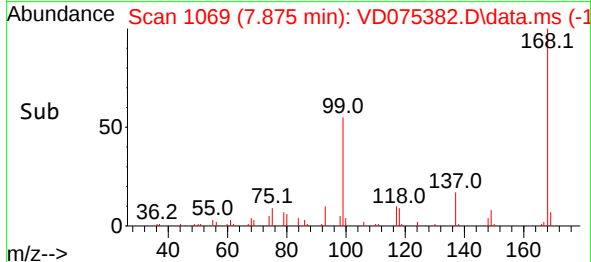
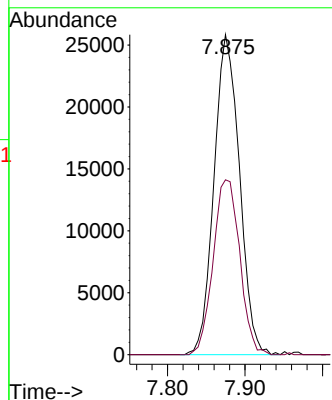
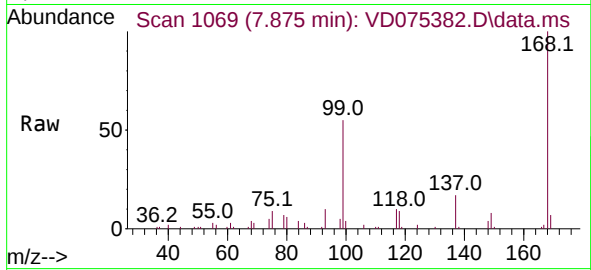




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

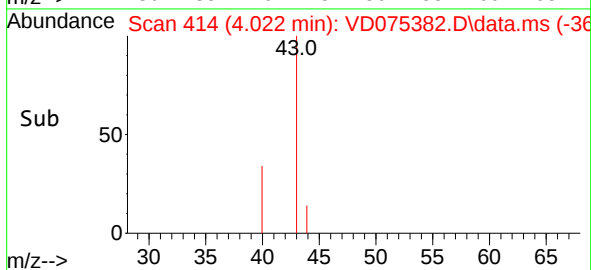
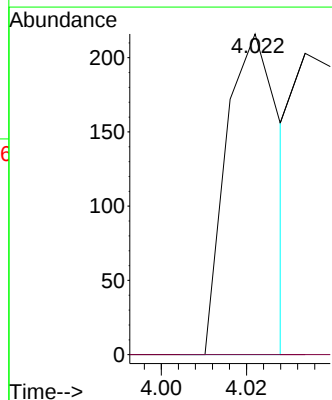
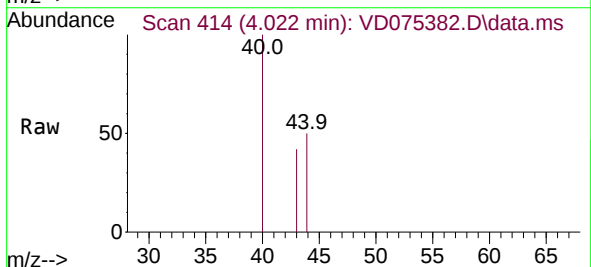
Instrument :
MSVOA_D
ClientSampleId :
IBLK

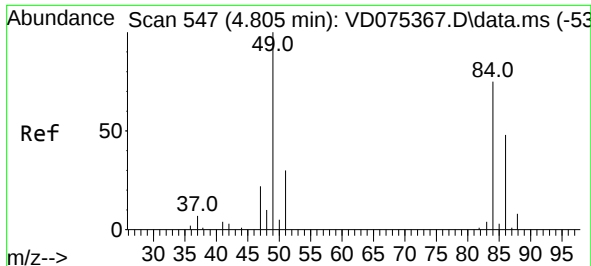
Tgt Ion:168 Resp: 58981
Ion Ratio Lower Upper
168 100
99 54.6 43.8 65.6



#16
Acetone
Concen: 1.258 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

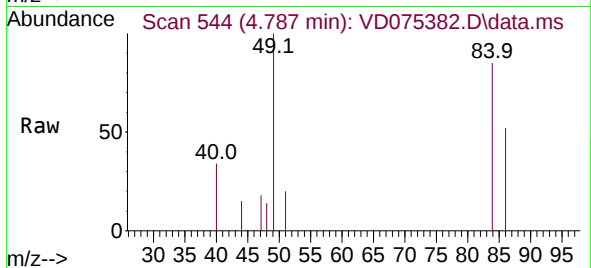
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





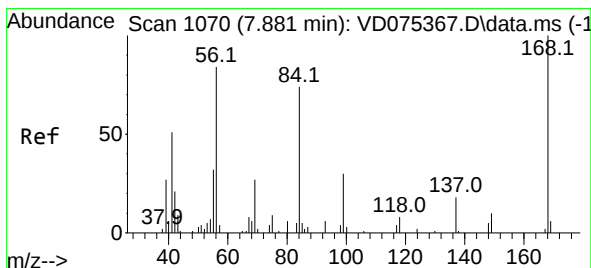
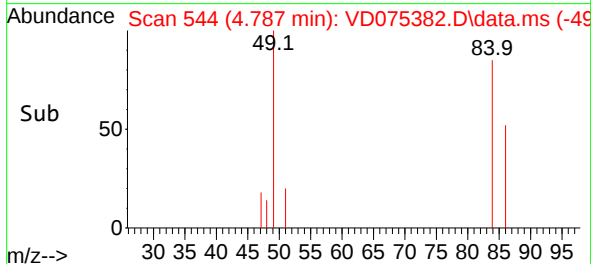
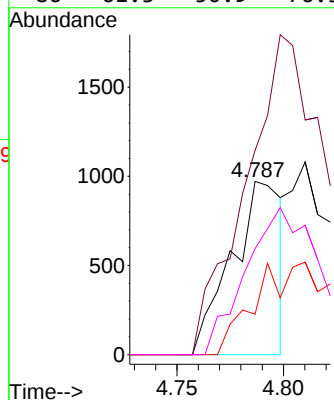
#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

Instrument :
MSVOA_D
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 1582

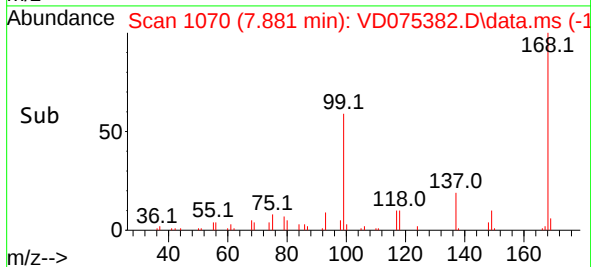
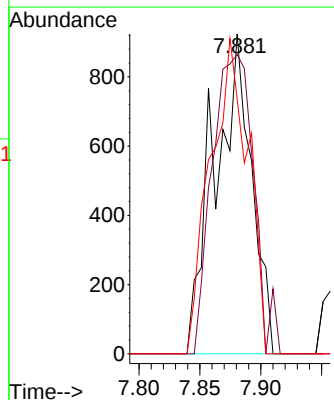
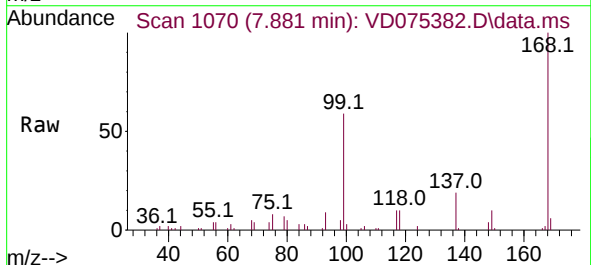
Ion	Ratio	Lower	Upper
84	100		
49	117.9	106.4	159.6
51	23.4	32.4	48.6#
86	61.3	50.9	76.3

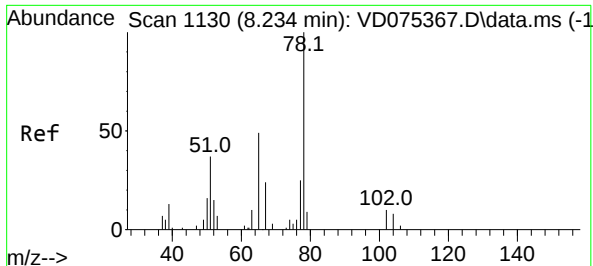


#31
Cyclohexane
Concen: 1.639 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

Tgt Ion: 56 Resp: 1962

Ion	Ratio	Lower	Upper
56	100		
69	93.6	25.5	38.3#
84	79.8	69.6	104.4





#33

1,2-Dichloroethane-d4

Concen: 52.018 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075382.D

Acq: 21 Feb 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

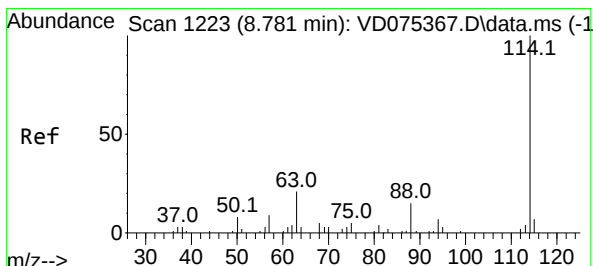
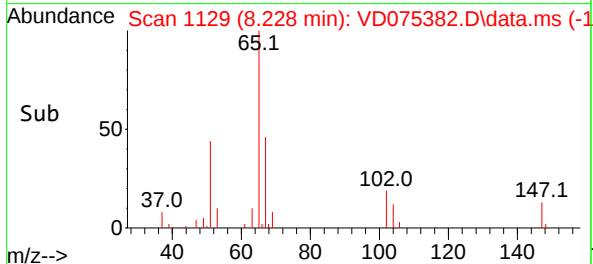
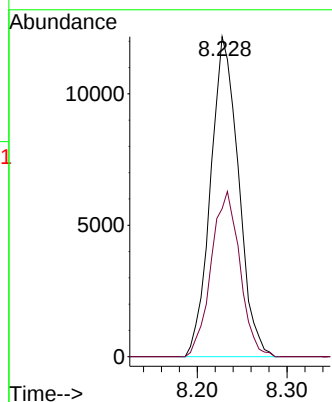
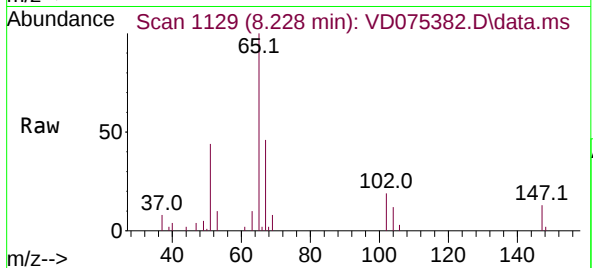
IBLK

Tgt Ion: 65 Resp: 26352

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075382.D

Acq: 21 Feb 2023 15:55

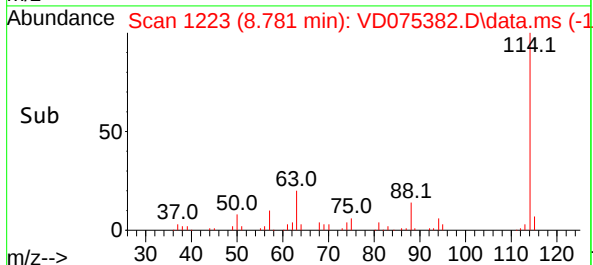
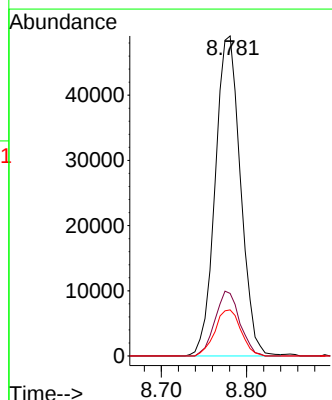
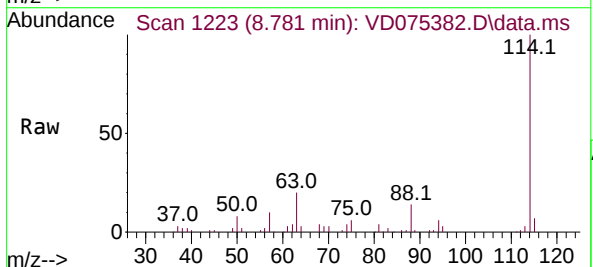
Tgt Ion: 114 Resp: 100945

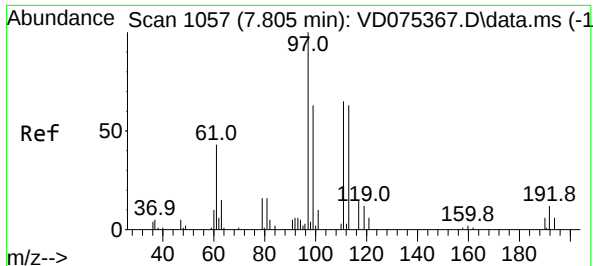
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.795 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075382.D

Acq: 21 Feb 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

IBLK

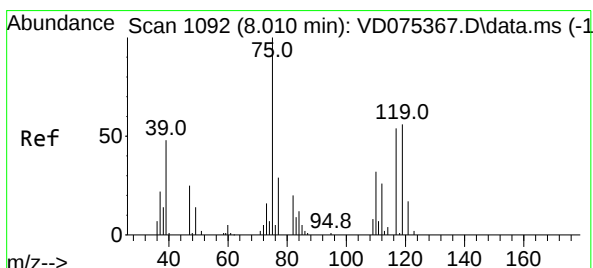
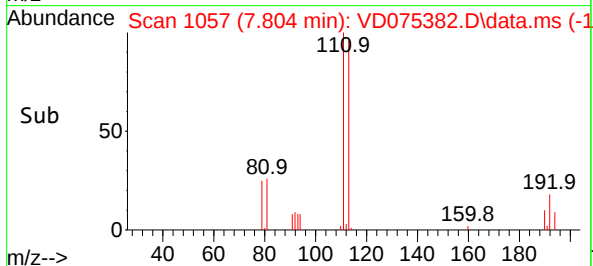
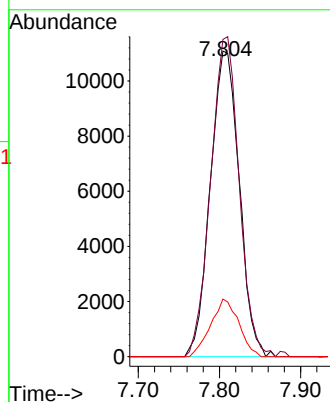
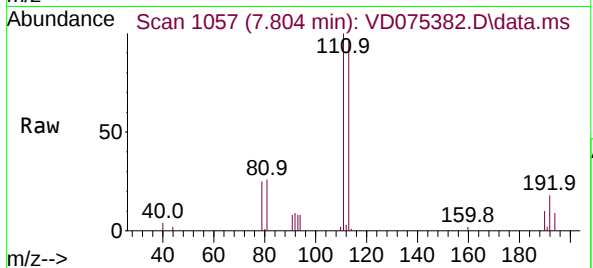
Tgt Ion:113 Resp: 27443

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075382.D

Acq: 21 Feb 2023 15:55

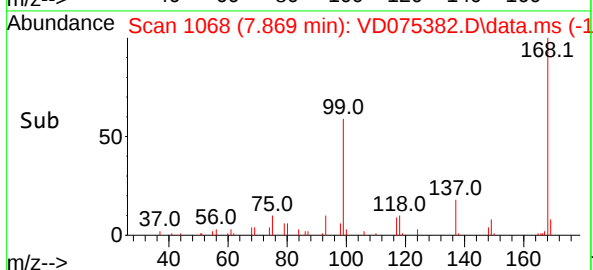
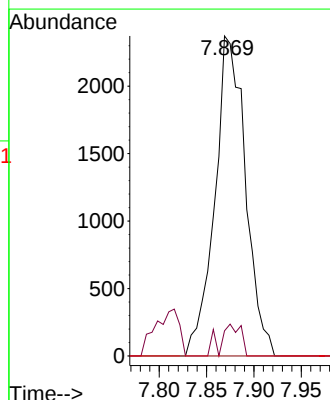
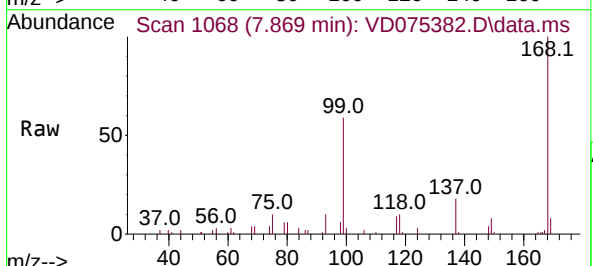
Tgt Ion: 75 Resp: 5348

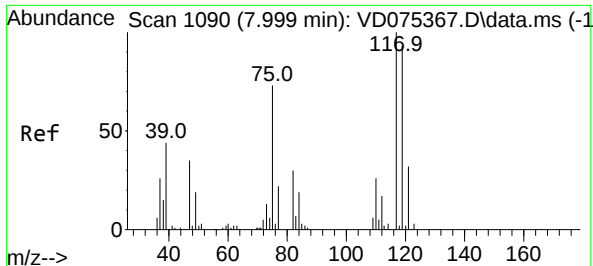
Ion Ratio Lower Upper

75 100

110 6.7 17.1 51.2#

77 0.0 24.6 36.8#

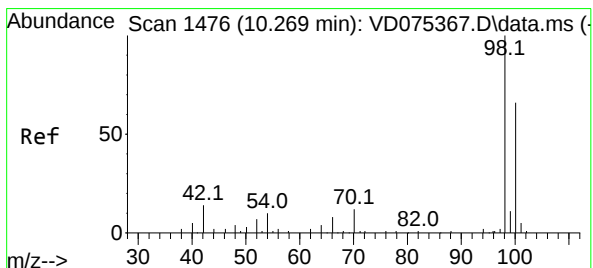
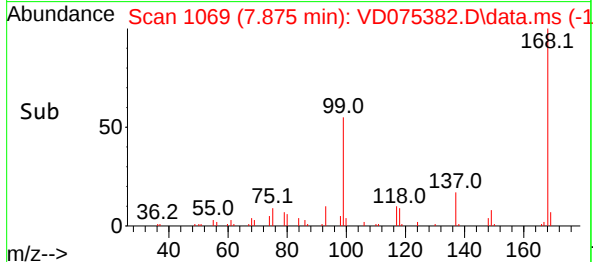
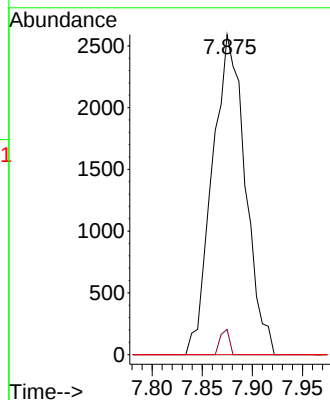
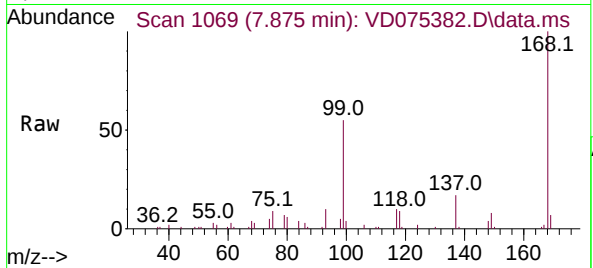




#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

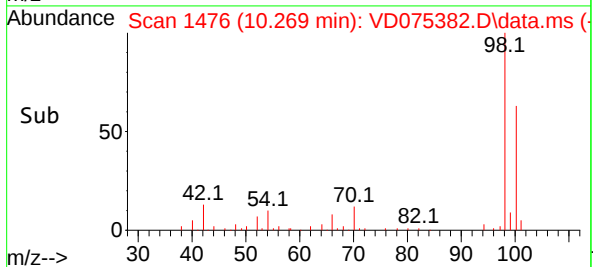
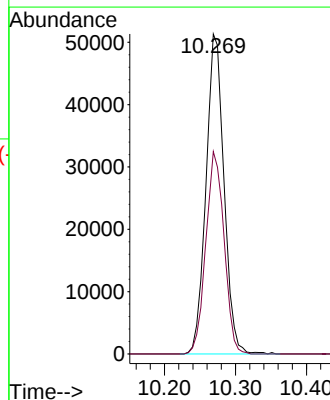
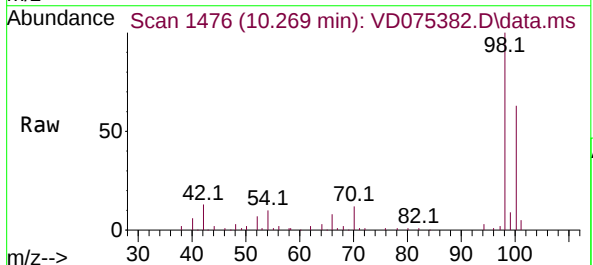
Instrument :
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ClientSampleId :
IBLK

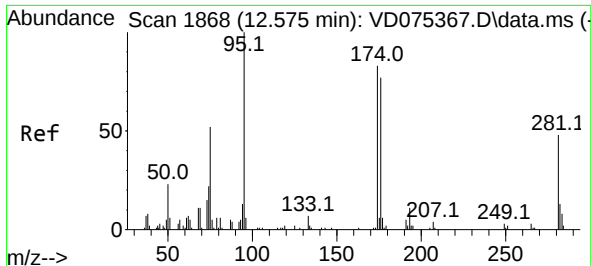
Tgt Ion:117 Resp: 5918
Ion Ratio Lower Upper
117 100
119 7.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.851 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

Tgt Ion: 98 Resp: 90509
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

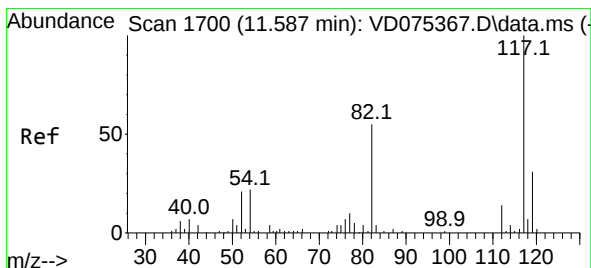
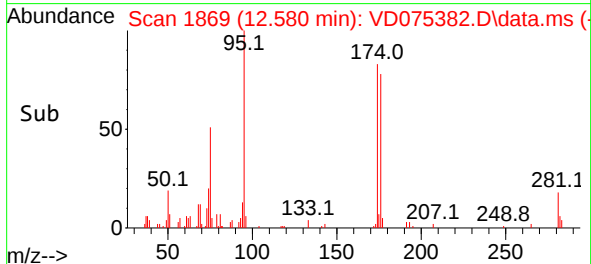
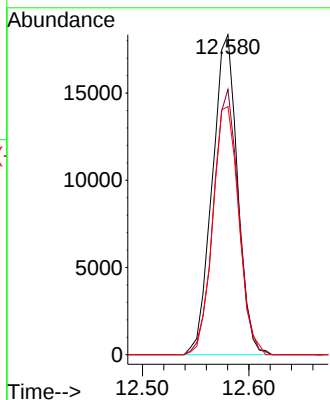
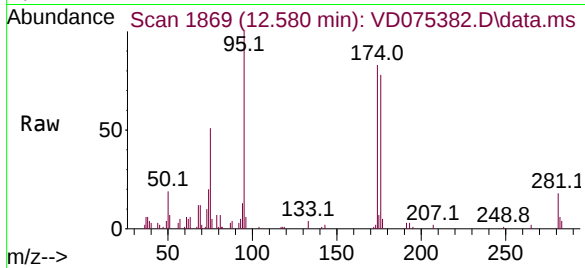




#62
4-Bromofluorobenzene
Concen: 41.522 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.005 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

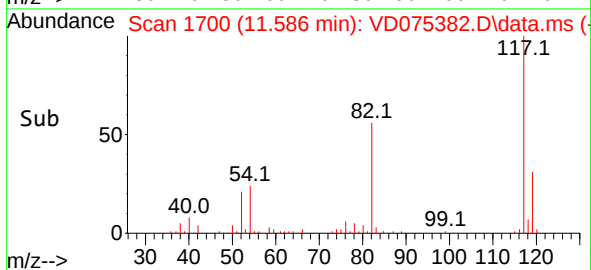
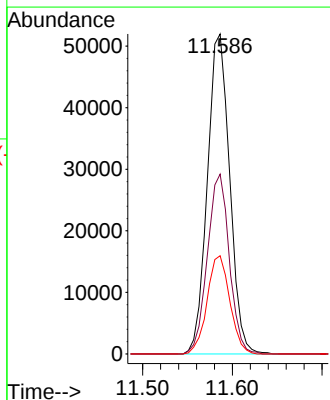
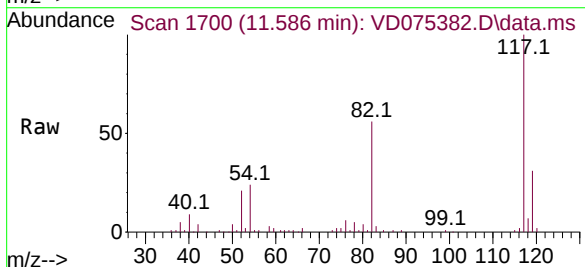
Instrument :
MSVOA_D
ClientSampleId :
IBLK

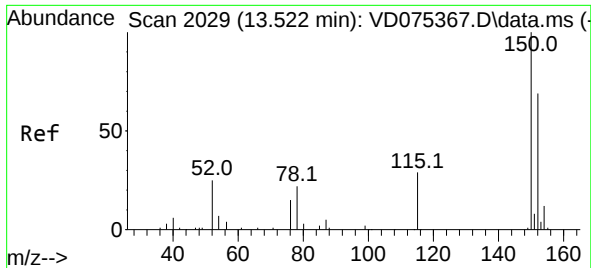
Tgt Ion: 95 Resp: 30153
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075382.D
Acq: 21 Feb 2023 15:55

Tgt Ion: 117 Resp: 89695
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 30.7 25.1 37.7

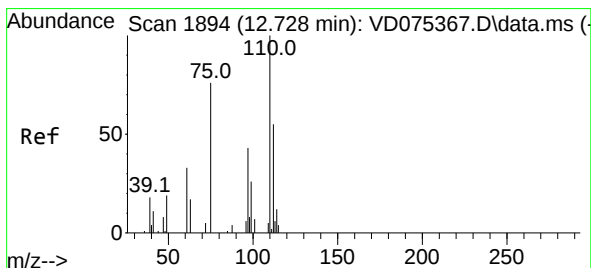
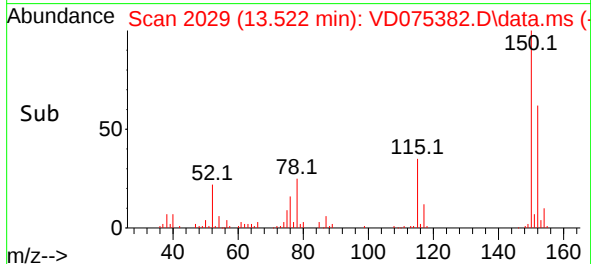
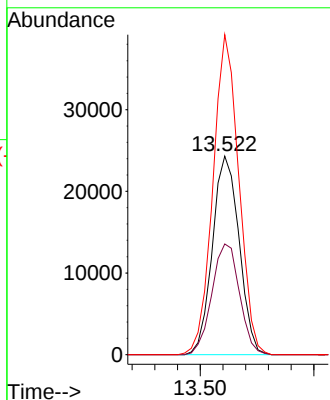
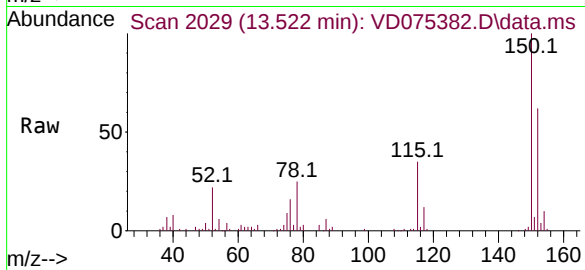




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.001 min
 Lab File: VD075382.D
 Acq: 21 Feb 2023 15:55

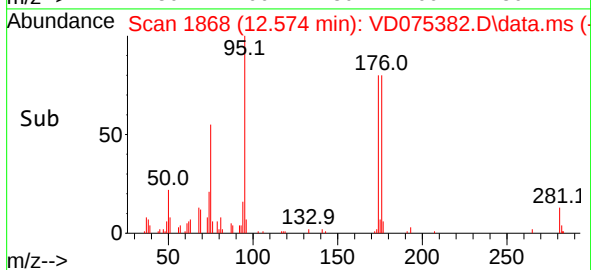
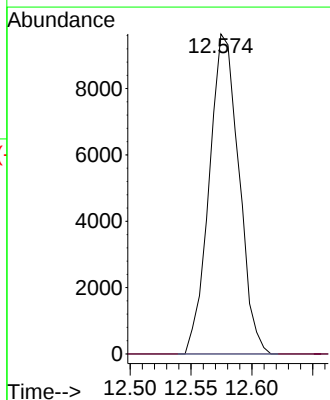
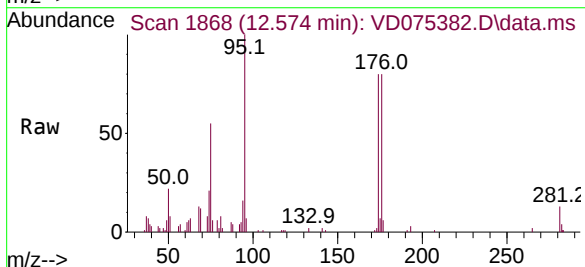
Instrument :
 MSVOA_D
 ClientSampleId :
 IBLK

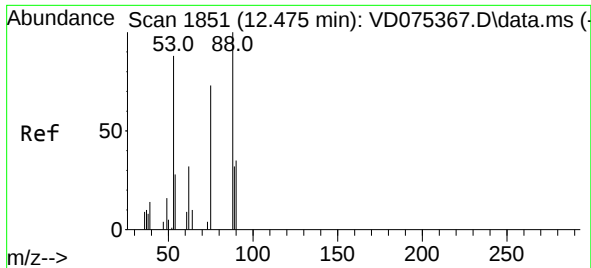
Tgt Ion:152 Resp: 39635
 Ion Ratio Lower Upper
 152 100
 115 57.9 30.1 90.3
 150 155.9 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 55.921 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.154 min
 Lab File: VD075382.D
 Acq: 21 Feb 2023 15:55

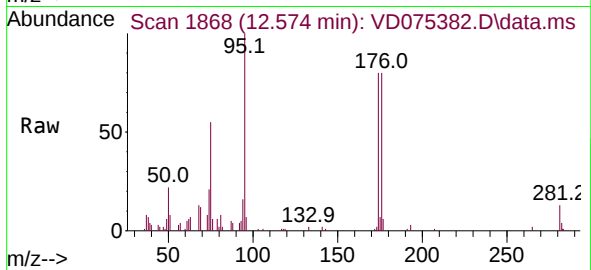
Tgt Ion: 75 Resp: 16371
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.126 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.099 min
 Lab File: VD075382.D
 Acq: 21 Feb 2023 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 16371
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

