

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076145.D
 Acq On : 18 May 2023 17:29
 Operator : KP/SY
 Sample : 02816-07
 Misc : 6.39G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-34-051623

Quant Time: May 19 01:54:27 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)

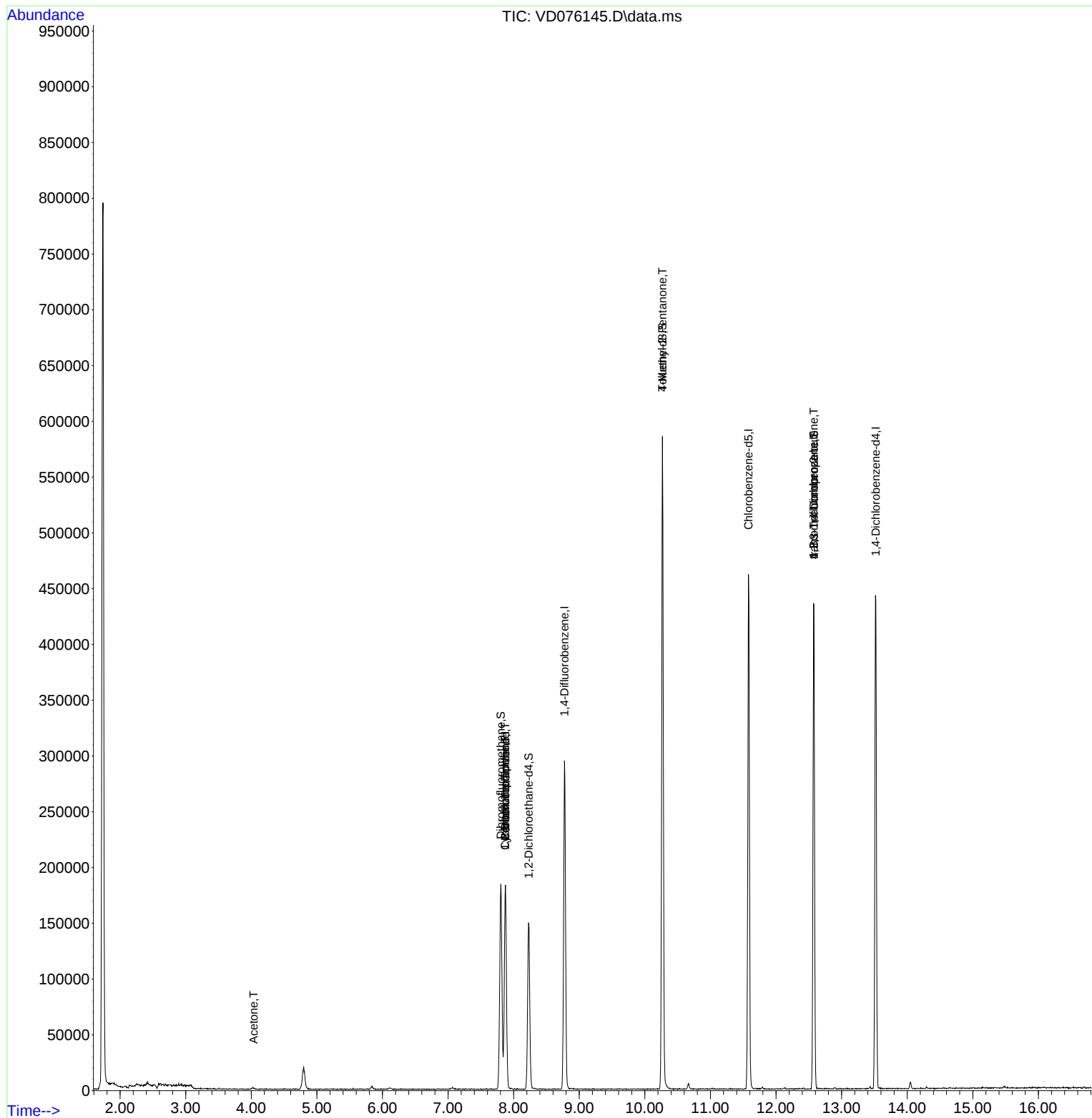
Internal Standards						
1) Pentafluorobenzene	7.875	168	146003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115045	81.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.060%#	
35) Dibromofluoromethane	7.804	113	134837	71.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.340%	
50) Toluene-d8	10.269	98	419115	56.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.500%	
62) 4-Bromofluorobenzene	12.575	95	131983	64.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 128.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	485	Below Cal	#	70
16) Acetone	4.034	43	1805	6.429	ug/l	99
20) Methylene Chloride	4.799	84	15733	Below Cal	#	82
31) Cyclohexane	7.869	56	2916	1.349	ug/l	# 13
36) 1,1-Dichloropropene	7.869	75	11613	4.539	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	13689	5.923	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.269	43	1202	1.365	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	65165	57.483	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	65165	120.590	ug/l	# 5

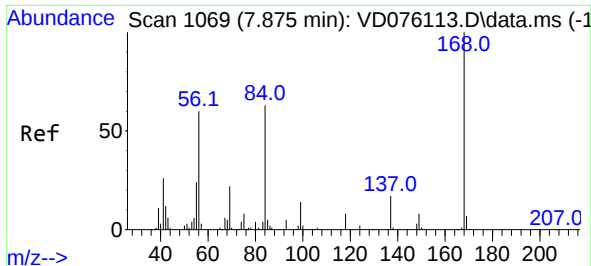
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

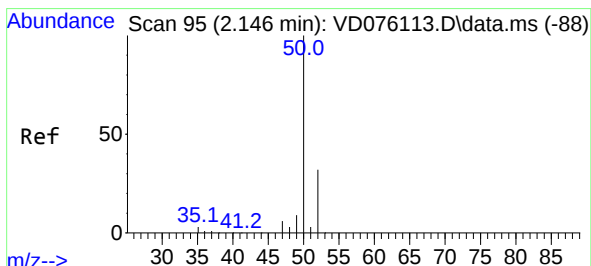
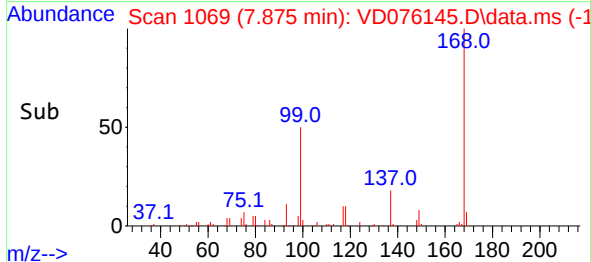
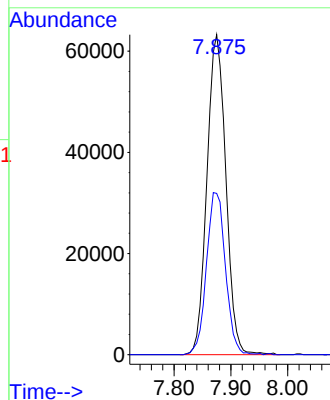
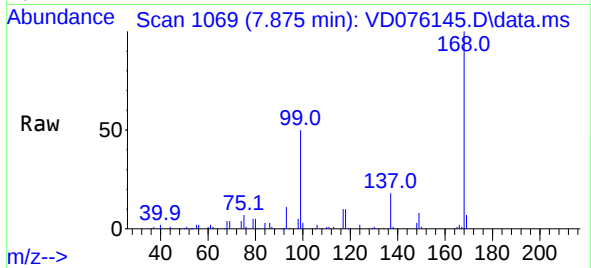




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

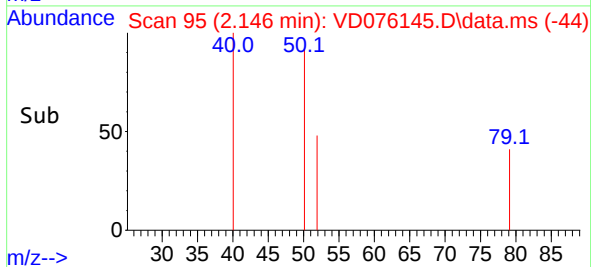
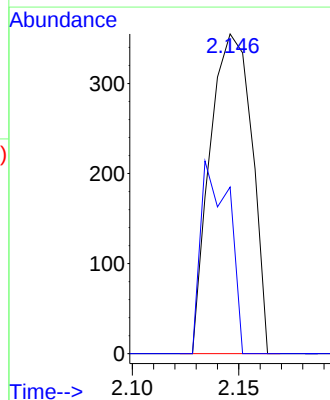
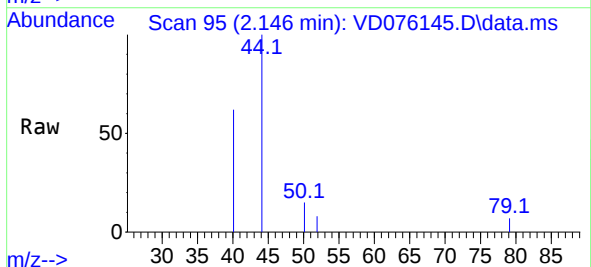
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-34-051623

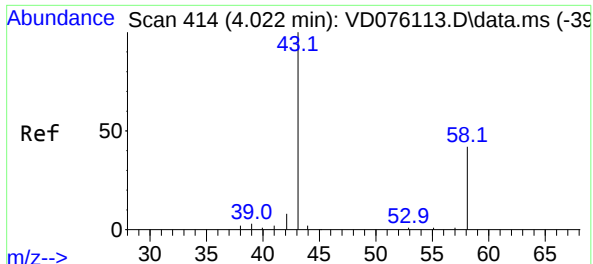
Tgt Ion:168 Resp: 146003
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 50 Resp: 485
Ion Ratio Lower Upper
50 100
52 52.1 27.8 41.8#

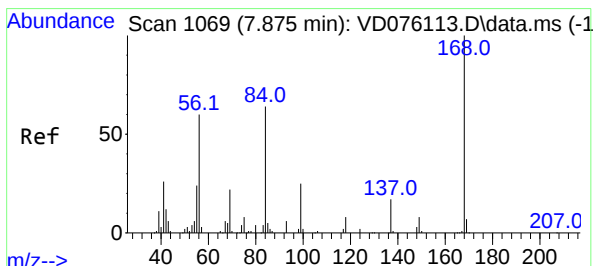
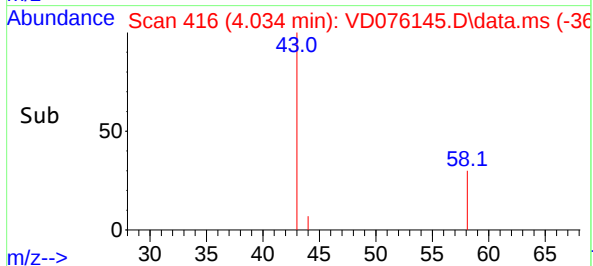
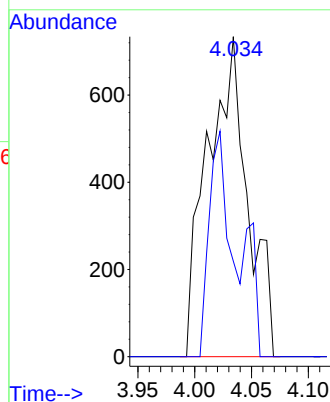
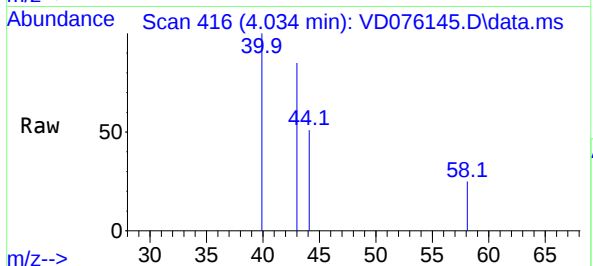




#16
Acetone
Concen: 6.429 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

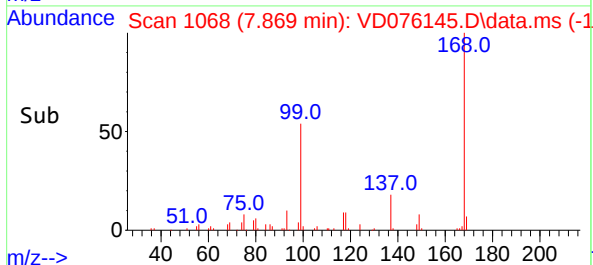
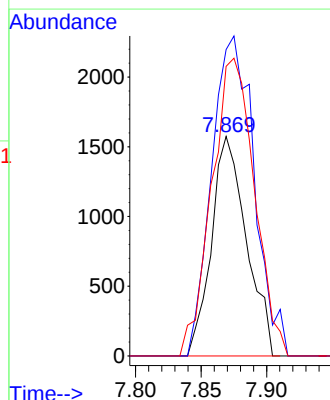
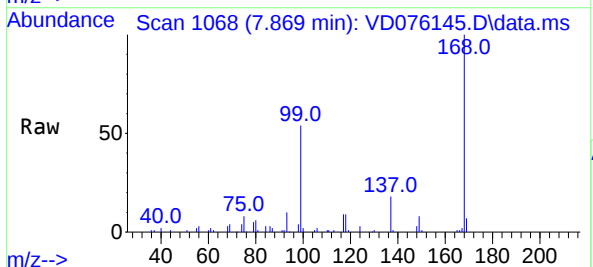
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

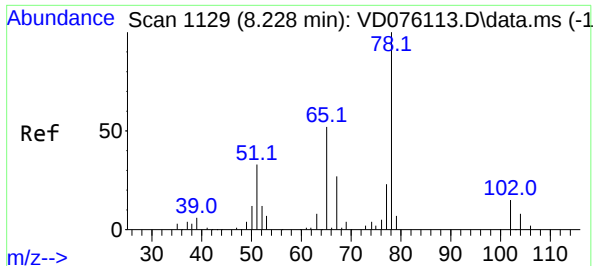
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 29.8 24.4 36.6



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 56 Resp: 2916
Ion Ratio Lower Upper
56 100
69 139.6 25.5 38.3#
84 132.0 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 81.530 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076145.D

Acq: 18 May 2023 17:29

Instrument :

MSVOA_D

ClientSampleId :

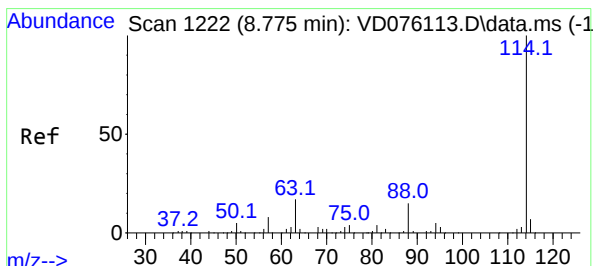
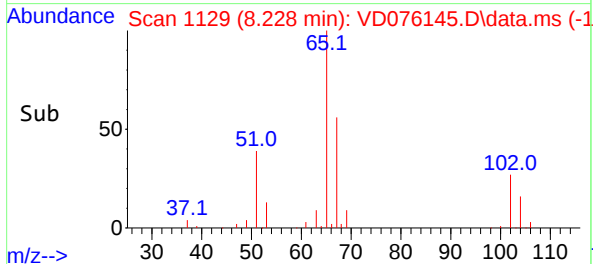
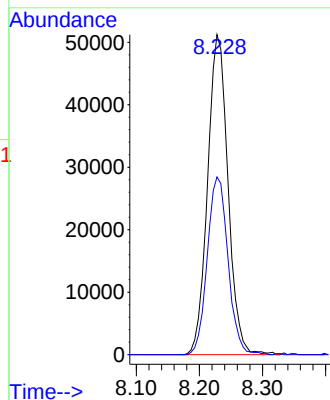
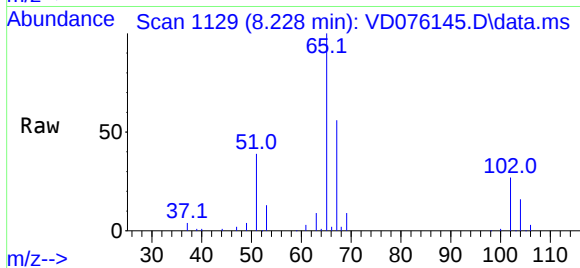
CB-22-K2-SO-34-051623

Tgt Ion: 65 Resp: 115045

Ion Ratio Lower Upper

65 100

67 56.4 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: VD076145.D

Acq: 18 May 2023 17:29

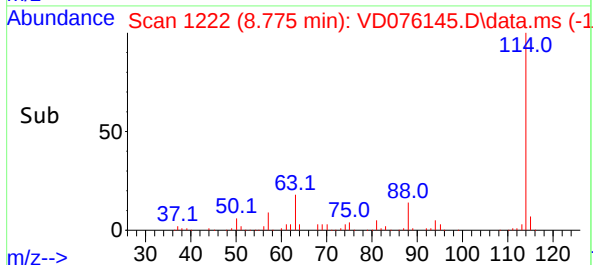
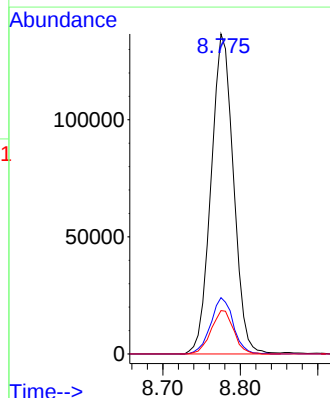
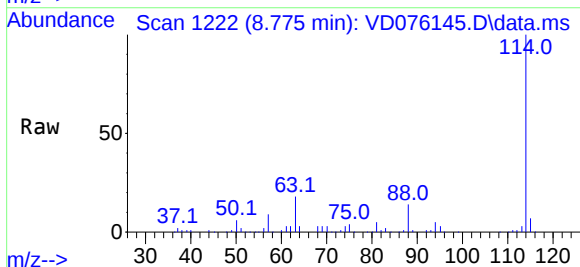
Tgt Ion: 114 Resp: 274095

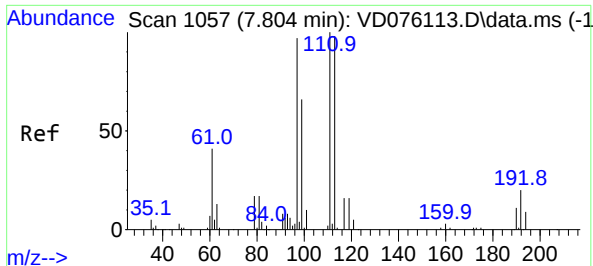
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 13.5 0.0 30.6



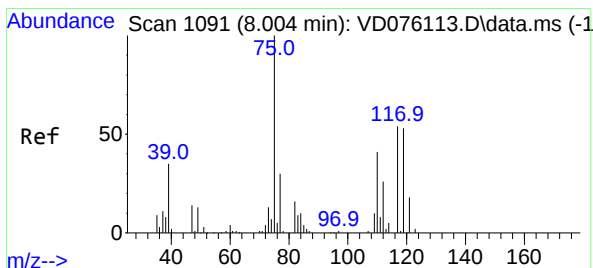
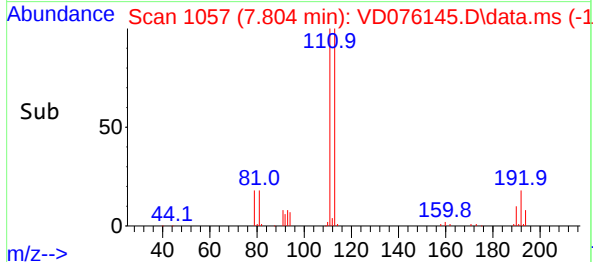
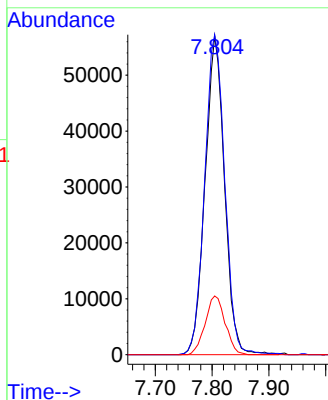
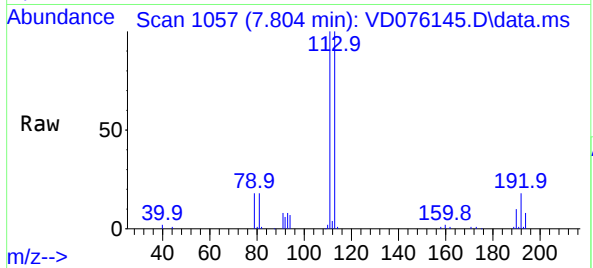


#35
Dibromofluoromethane
Concen: 71.169 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-34-051623

Tgt Ion:113 Resp: 134837

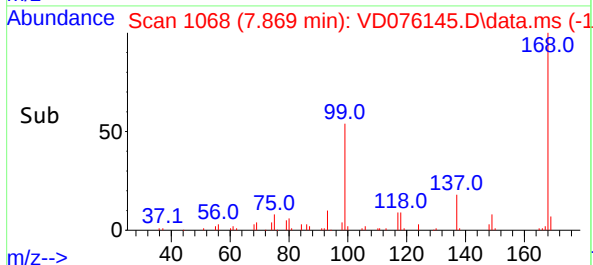
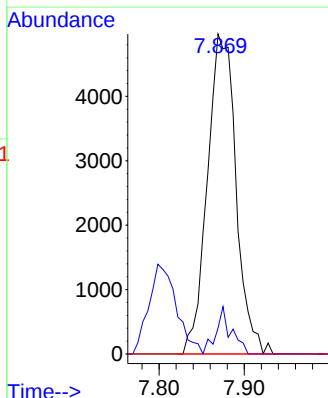
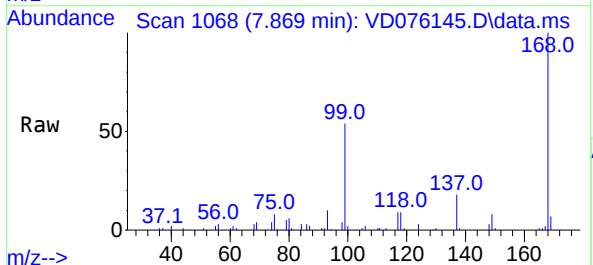
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	18.9	15.2	22.8

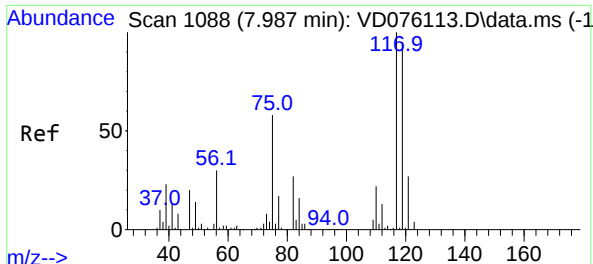


#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 75 Resp: 11613

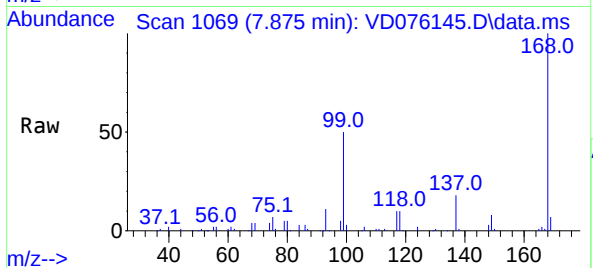
Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.1	51.2#
77	0.0	24.6	36.8#



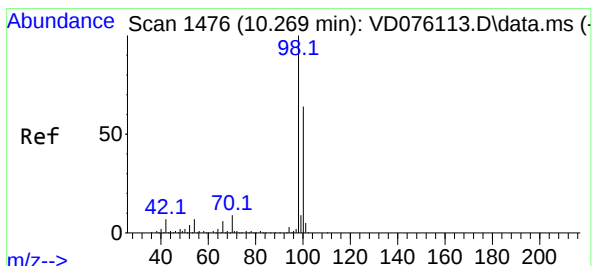
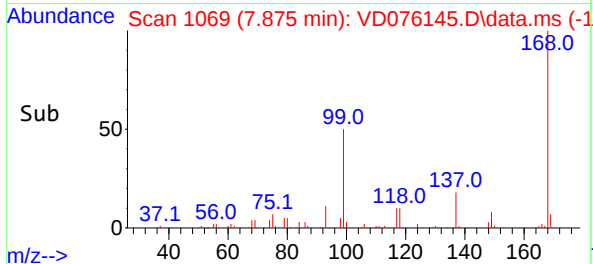
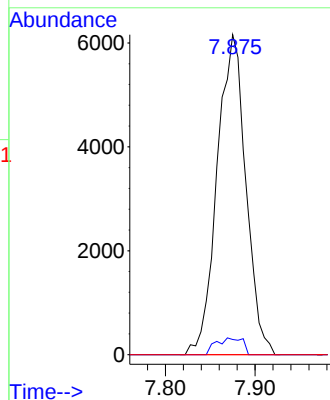


#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

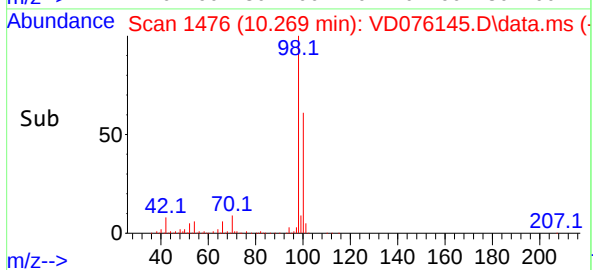
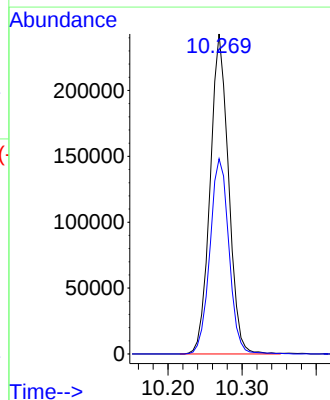
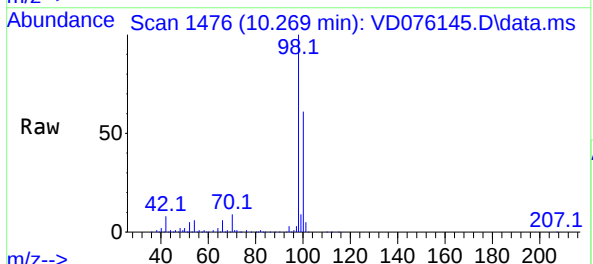


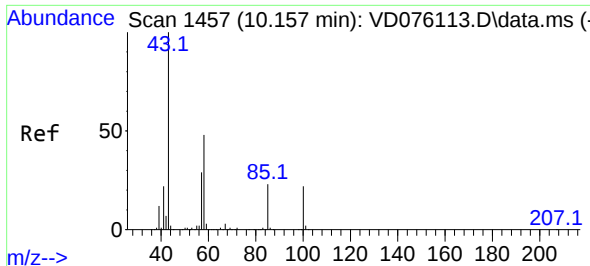
Tgt Ion:117 Resp: 13689
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 56.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 98 Resp: 419115
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

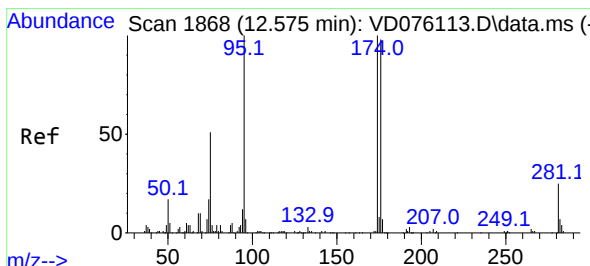
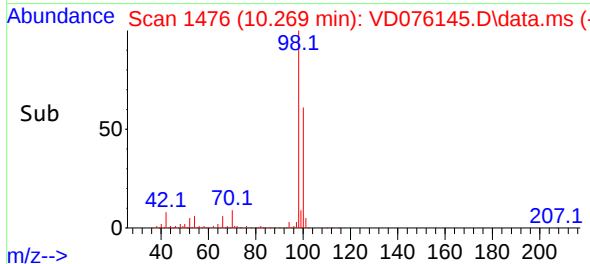
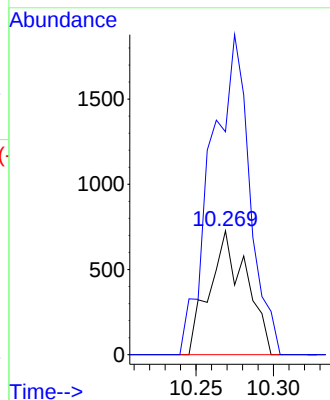
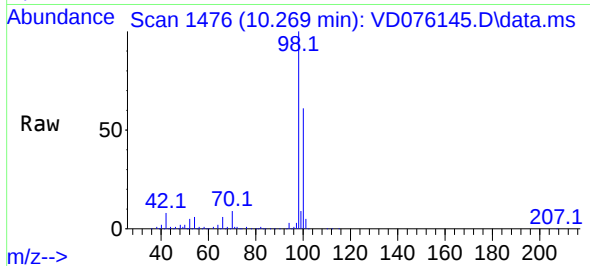




#51
4-Methyl-2-Pentanone
Concen: 1.365 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

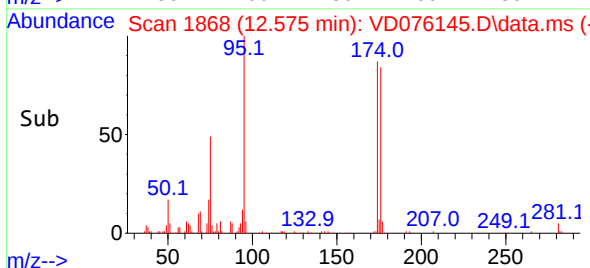
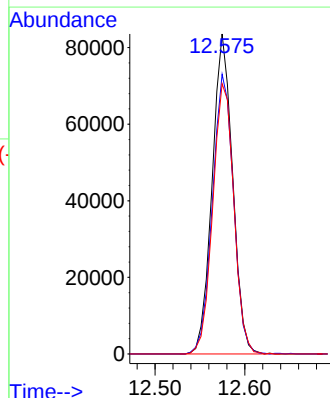
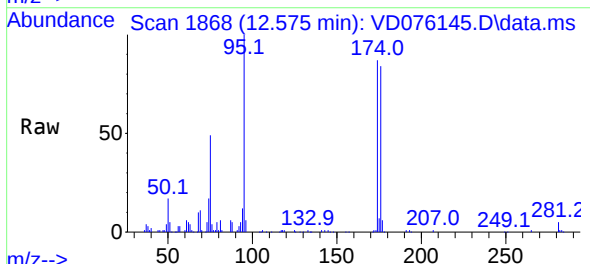
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ClientSampleId :
CB-22-K2-SO-34-051623

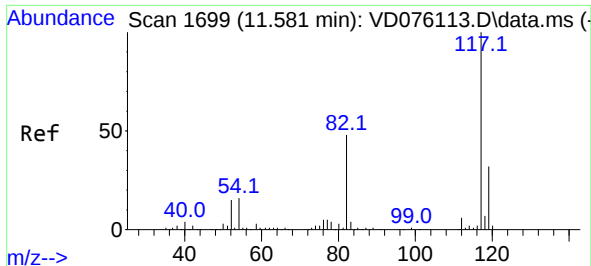
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 270.8 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 64.331 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 95 Resp: 131983
Ion Ratio Lower Upper
95 100
174 90.1 0.0 164.0
176 87.2 0.0 156.8

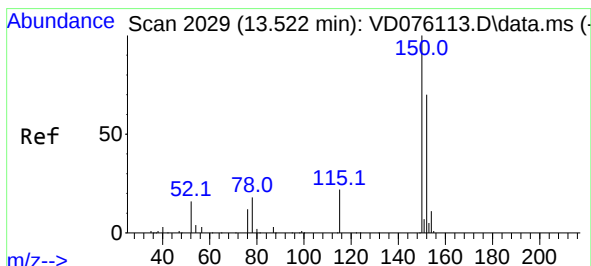
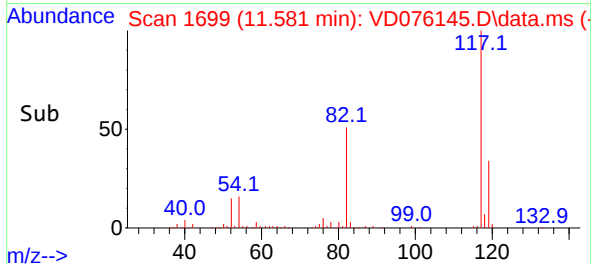
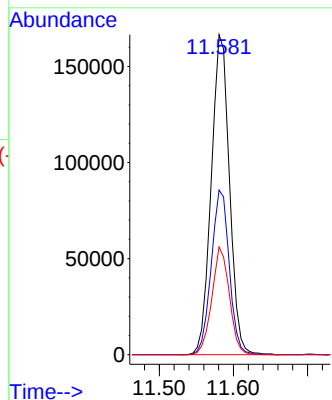
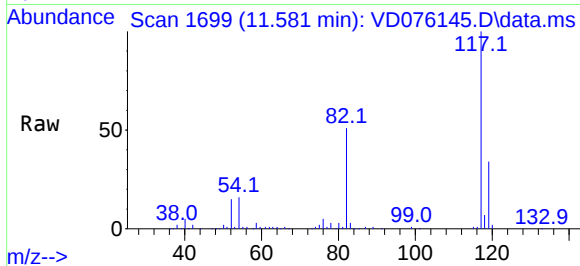




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

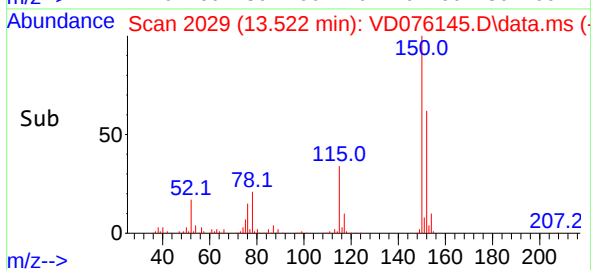
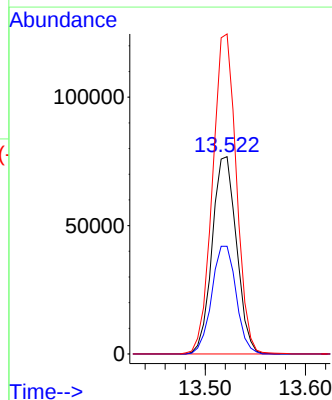
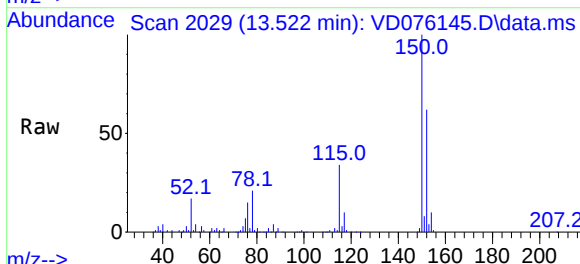
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

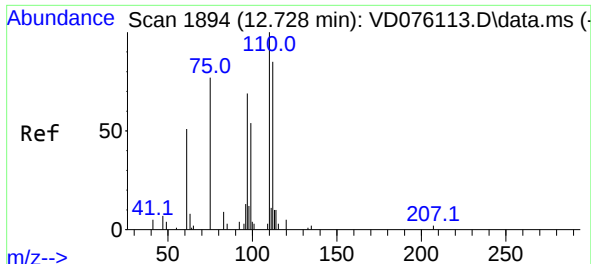
Tgt Ion:117 Resp: 284284
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 33.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion:152 Resp: 129546
Ion Ratio Lower Upper
152 100
115 54.8 30.1 90.3
150 158.6 0.0 364.8

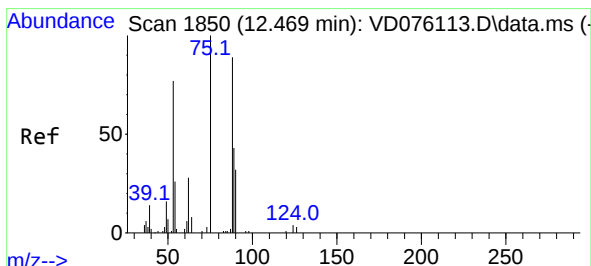
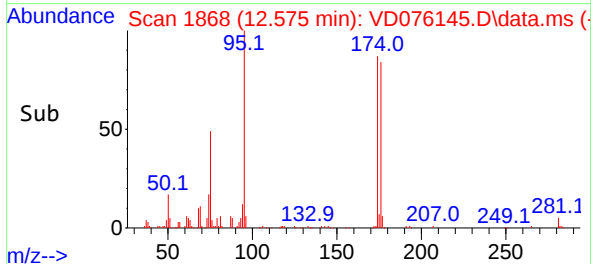
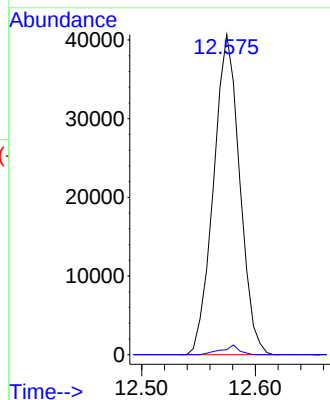
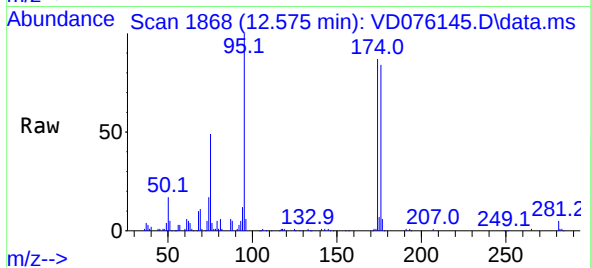




#76
1,2,3-Trichloropropane
Concen: 57.483 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-34-051623

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.590 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076145.D
Acq: 18 May 2023 17:29

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

