

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076141.D
 Acq On : 18 May 2023 15:31
 Operator : KP/SY
 Sample : 02816-05
 Misc : 6.53G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-24-051623

Quant Time: May 19 01:53:41 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)

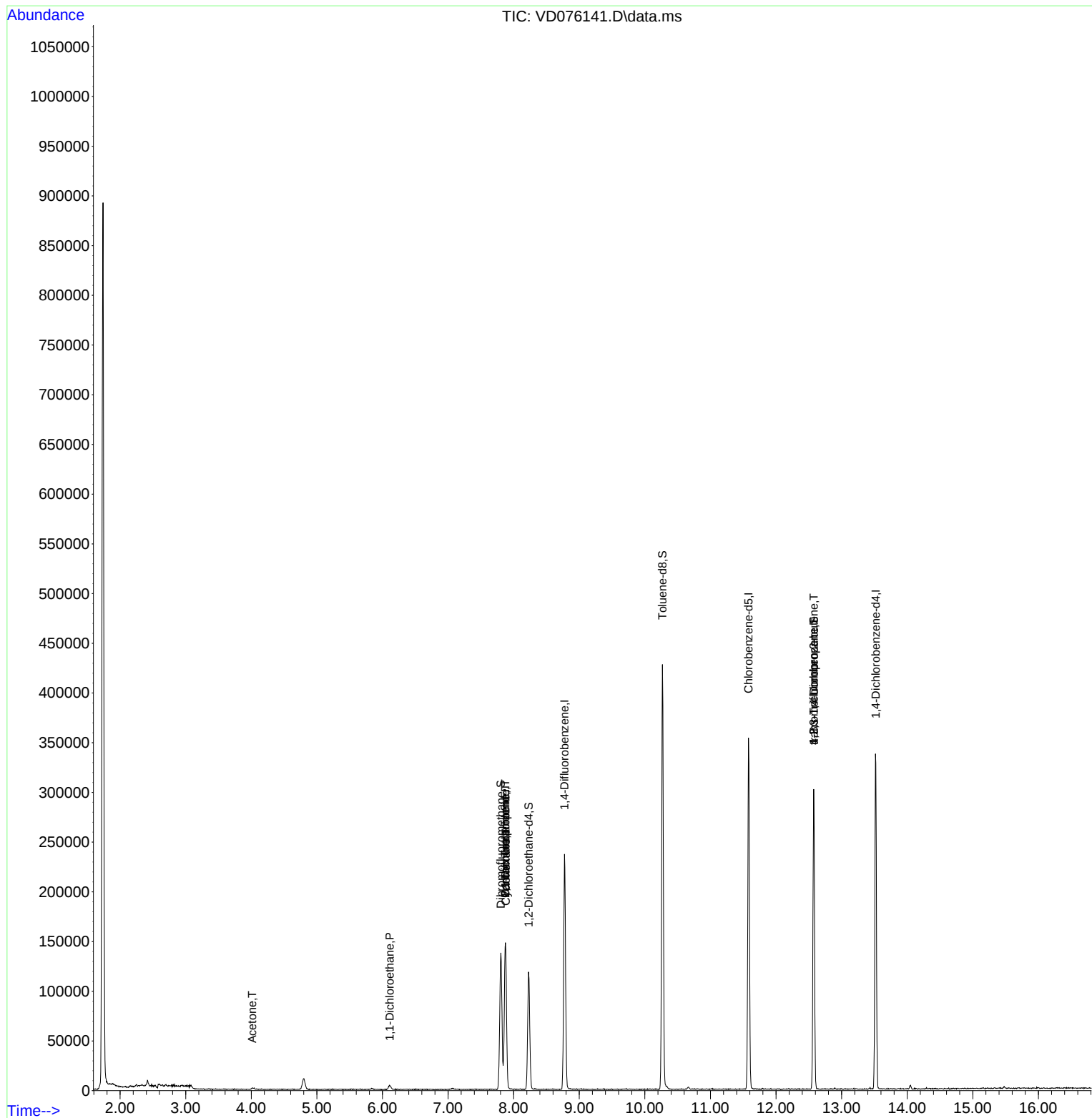
Internal Standards						
1) Pentafluorobenzene	7.875	168	123538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	222418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89037	74.573	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 149.140%		
35) Dibromofluoromethane	7.804	113	100692	65.495	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 131.000%		
50) Toluene-d8	10.269	98	314060	52.403	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 104.800%		
62) 4-Bromofluorobenzene	12.575	95	93148	55.951	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 111.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	333	Below Cal	#	40
16) Acetone	4.016	43	1769	7.447	ug/l	98
20) Methylene Chloride	4.805	84	8868	Below Cal	#	81
24) 1,1-Dichloroethane	6.110	63	6071	2.447	ug/l	# 94
31) Cyclohexane	7.881	56	2787	1.524	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	9636	4.641	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	11320	6.036	ug/l	# 20
76) 1,2,3-Trichloropropane	12.575	75	46338	55.192	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	46338	115.784	ug/l	# 5

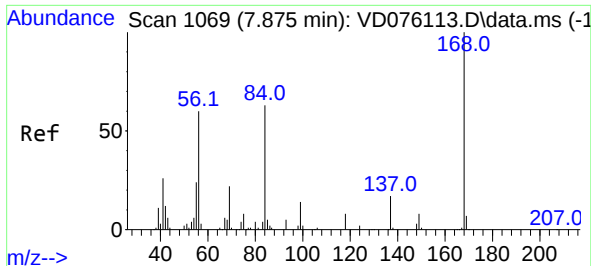
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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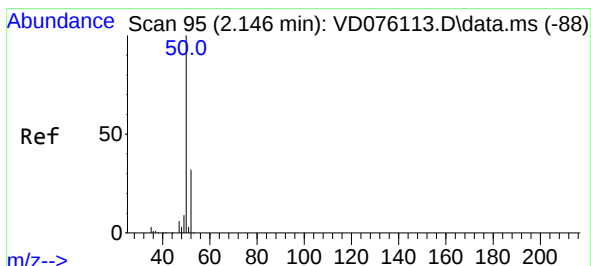
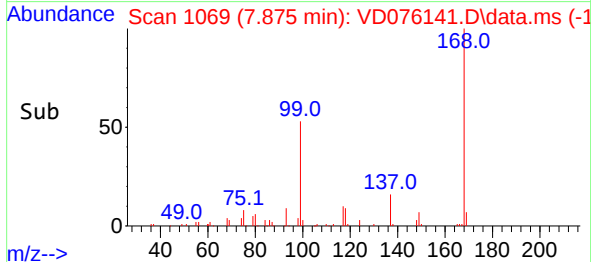
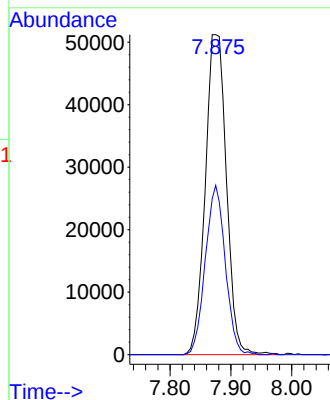
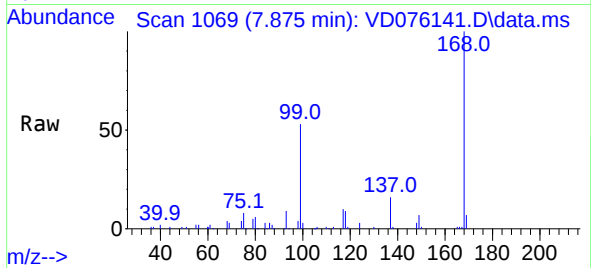




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

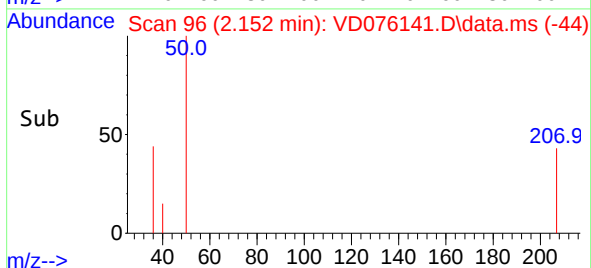
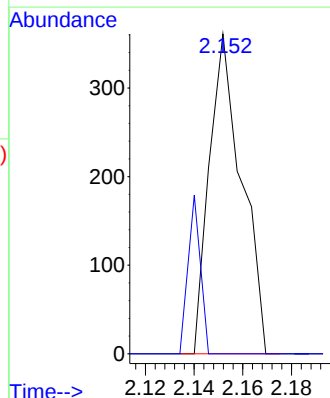
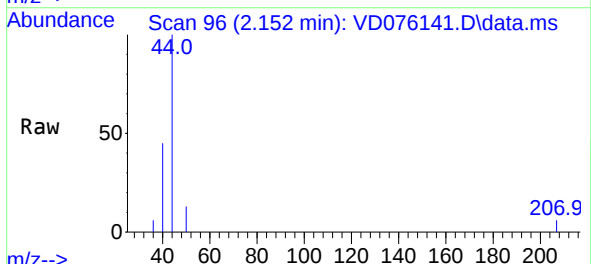
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

Tgt Ion:168 Resp: 123538
Ion Ratio Lower Upper
168 100
99 52.9 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

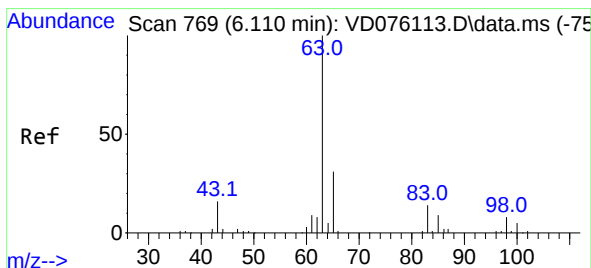
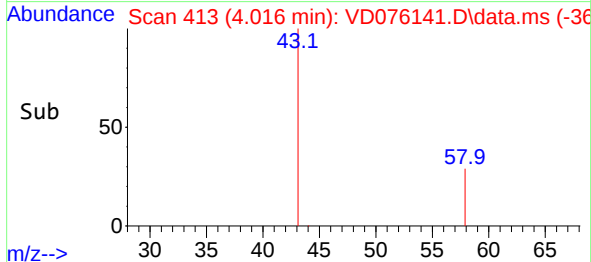
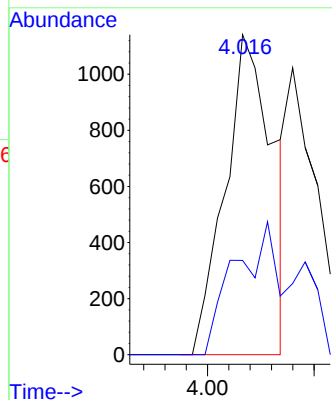
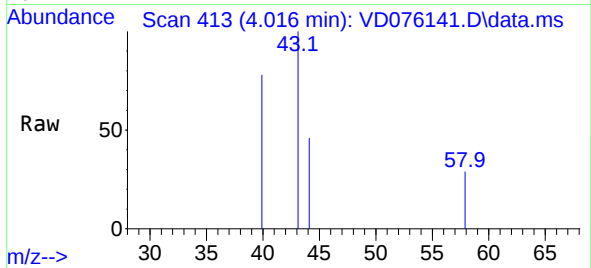




#16
Acetone
Concen: 7.447 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

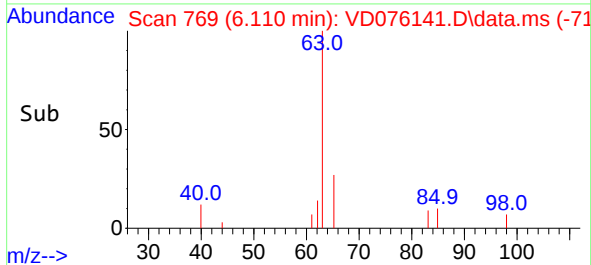
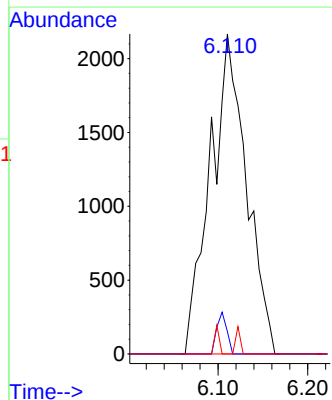
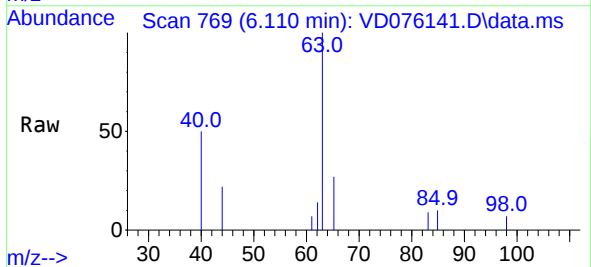
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

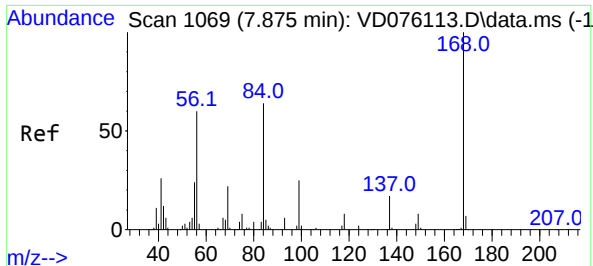
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 29.4 24.4 36.6



#24
1,1-Dichloroethane
Concen: 2.447 ug/l
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

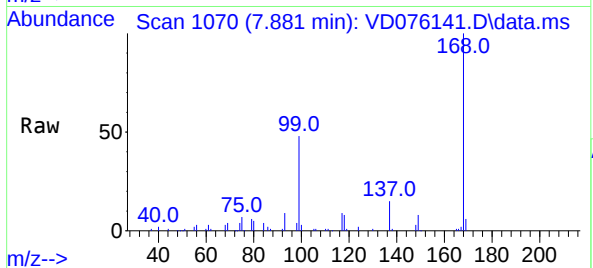
Tgt Ion: 63 Resp: 6071
Ion Ratio Lower Upper
63 100
98 7.0 3.9 11.7
100 0.0 2.0 6.0#



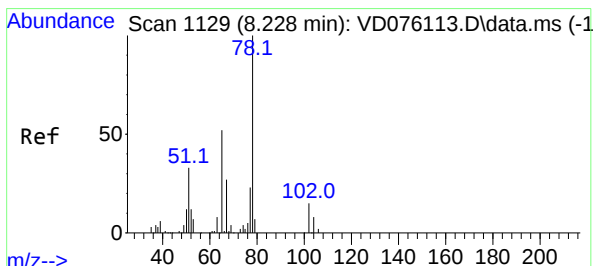
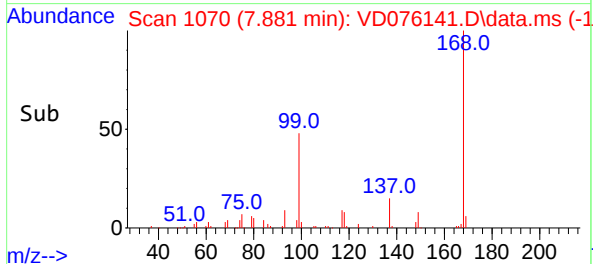
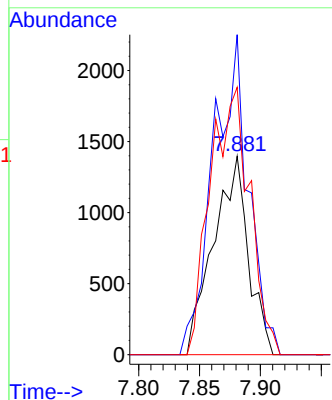


#31
Cyclohexane
Concen: 1.524 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

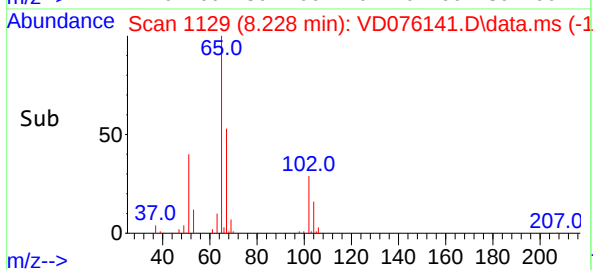
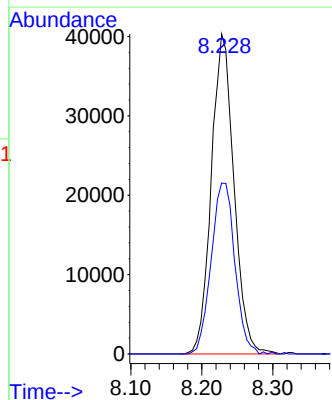
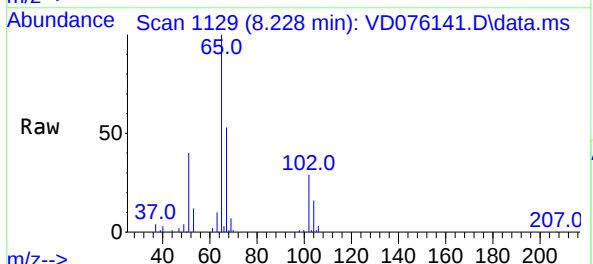


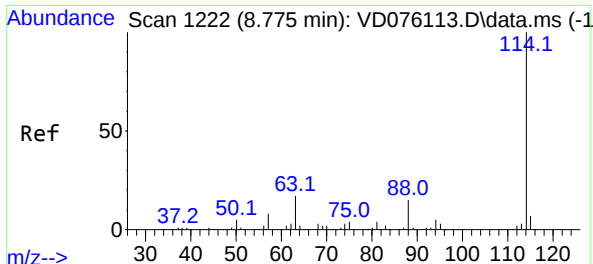
Tgt Ion: 56 Resp: 2787
Ion Ratio Lower Upper
56 100
69 161.3 25.5 38.3#
84 134.8 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 74.573 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 65 Resp: 89037
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.2

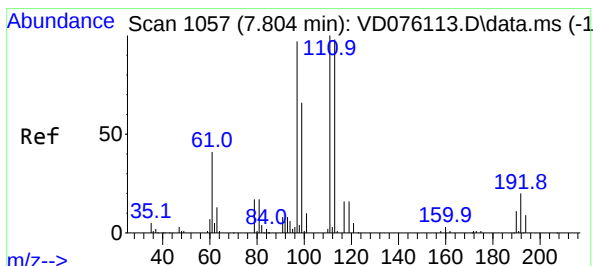
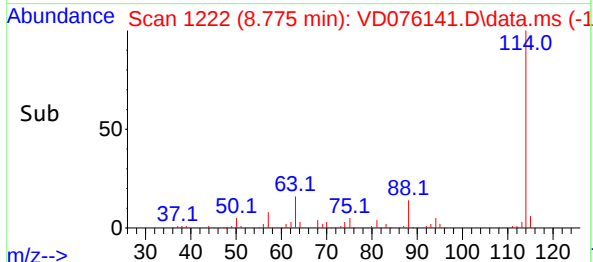
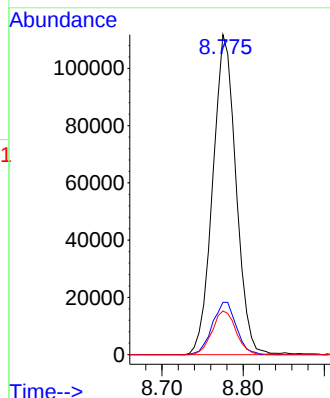
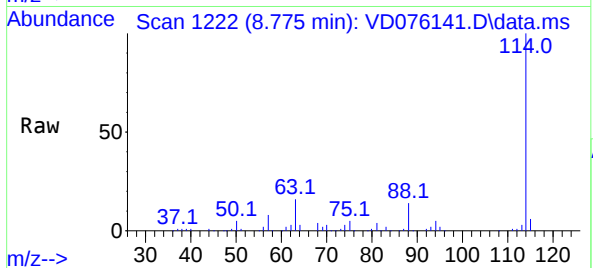




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

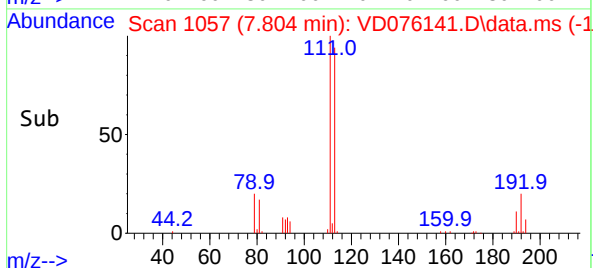
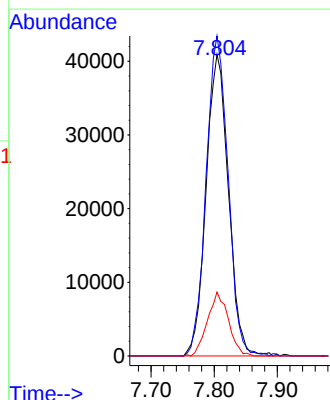
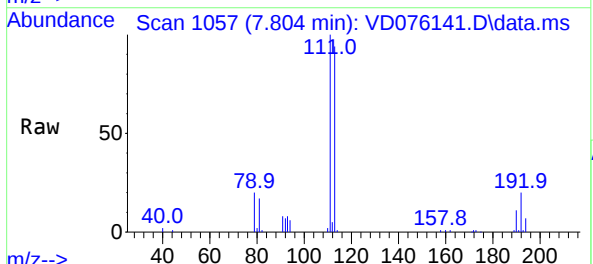
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

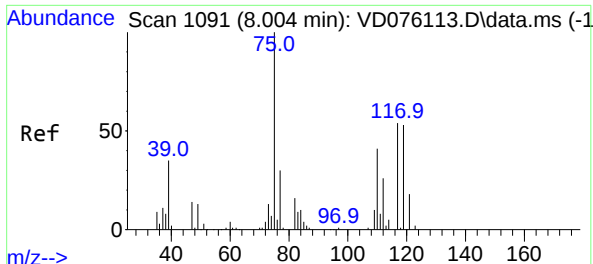
Tgt Ion:114 Resp: 222418
Ion Ratio Lower Upper
114 100
63 16.3 0.0 41.6
88 13.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 65.495 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion:113 Resp: 100692
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 19.8 15.2 22.8

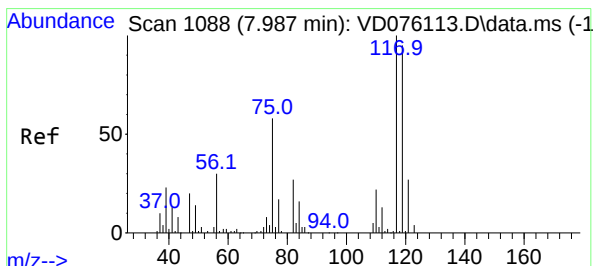
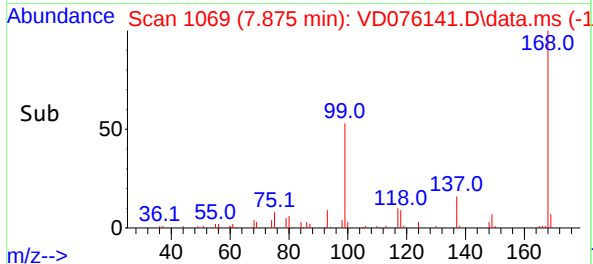
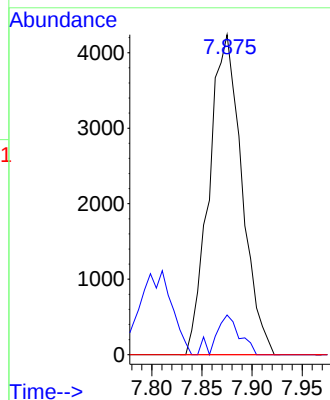
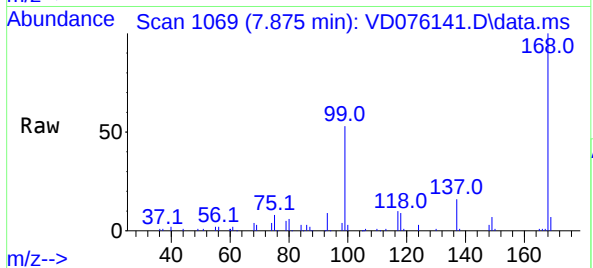




#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

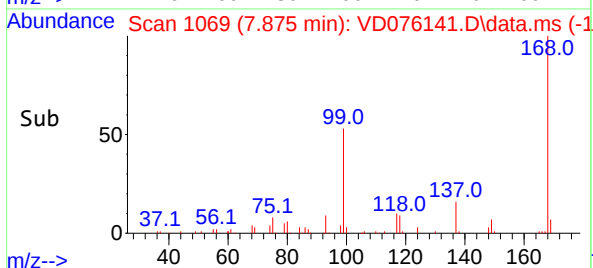
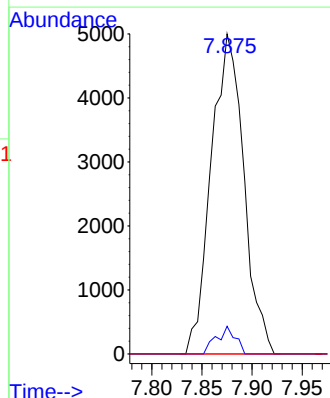
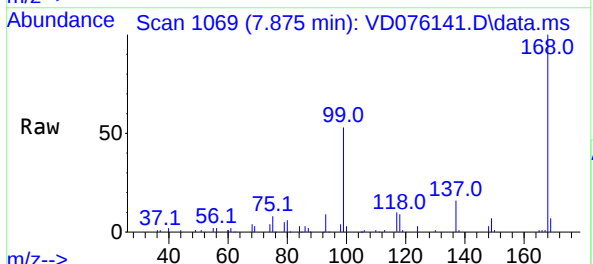
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ClientSampleId :
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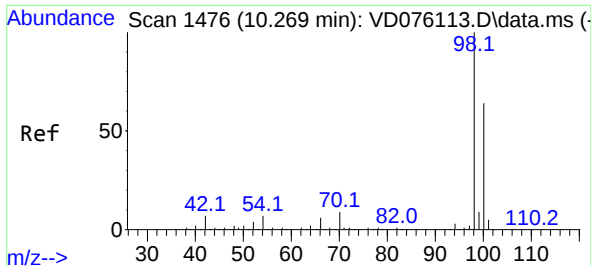
Tgt Ion: 75 Resp: 9636
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 117 Resp: 11320
Ion Ratio Lower Upper
117 100
119 8.6 74.7 112.1#
121 0.0 25.9 38.9#

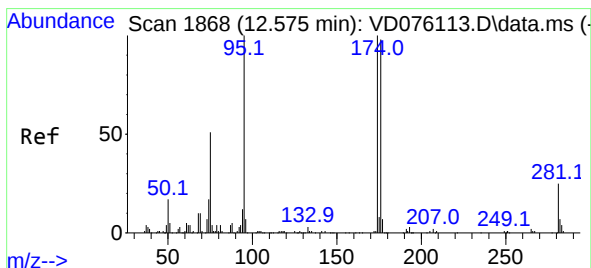
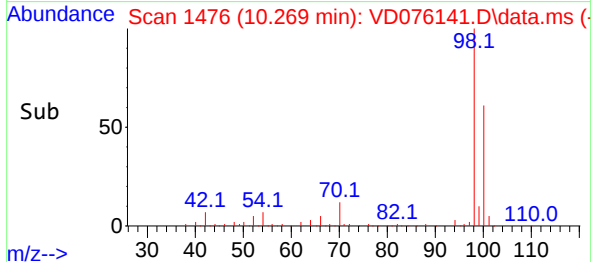
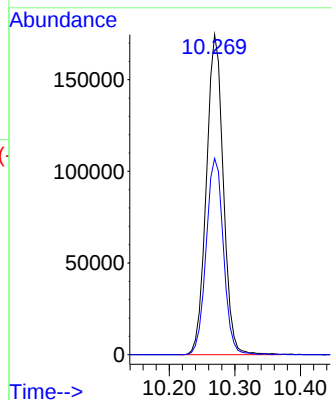
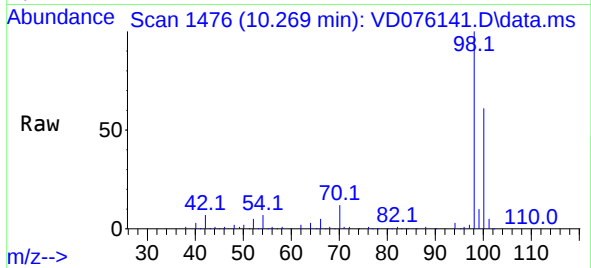




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

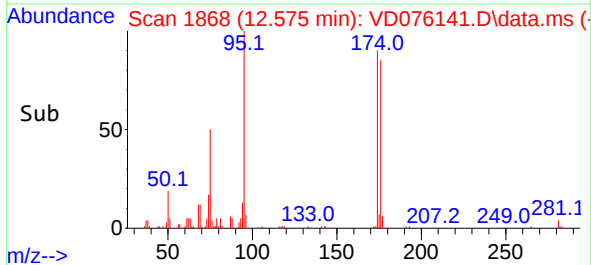
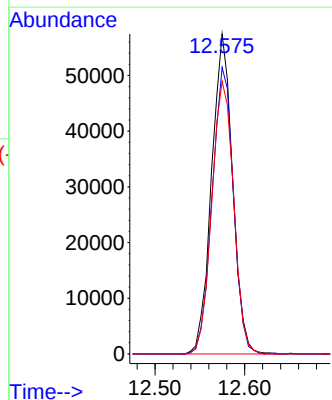
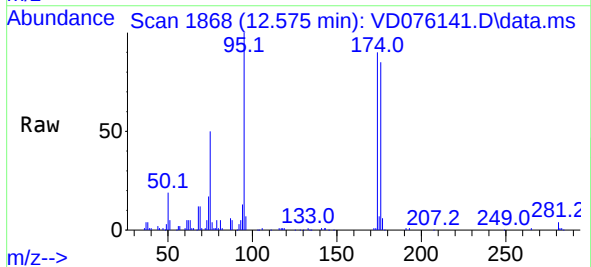
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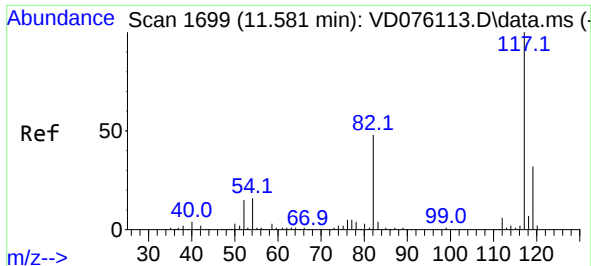
Tgt Ion: 98 Resp: 314060
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.951 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 95 Resp: 93148
Ion Ratio Lower Upper
95 100
174 90.5 0.0 164.0
176 88.8 0.0 156.8

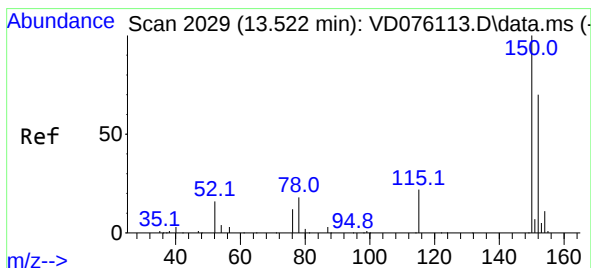
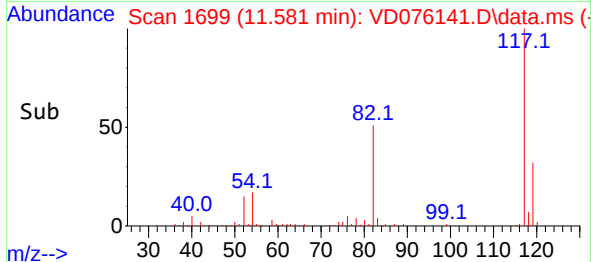
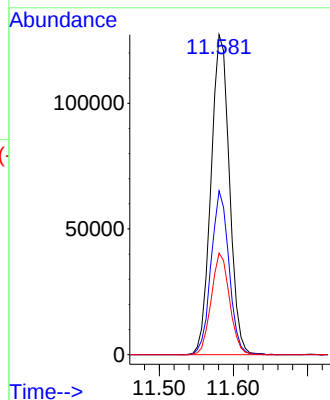
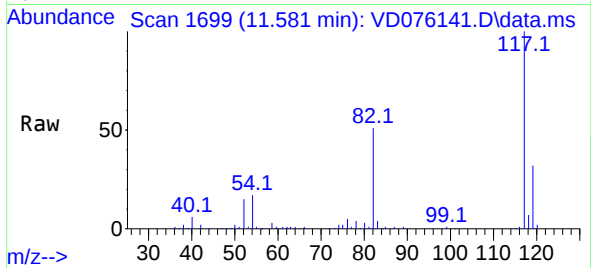




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

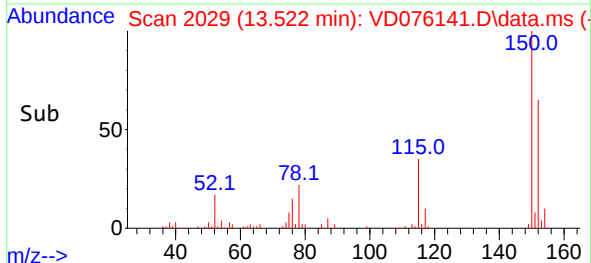
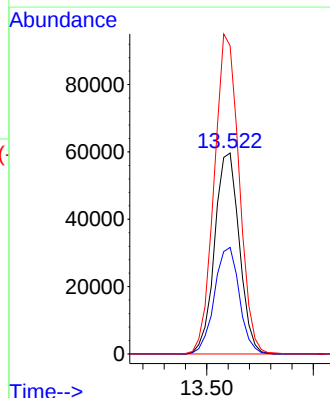
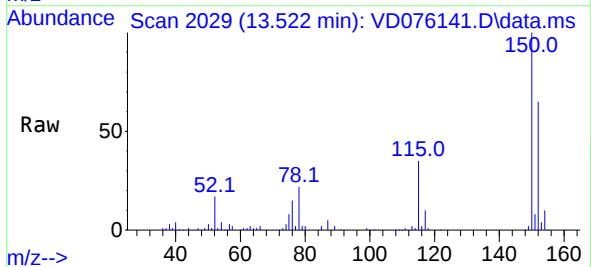
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

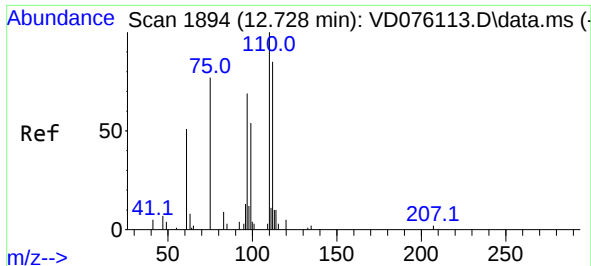
Tgt Ion:117 Resp: 220111
Ion Ratio Lower Upper
117 100
82 51.2 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion:152 Resp: 95942
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 160.7 0.0 364.8

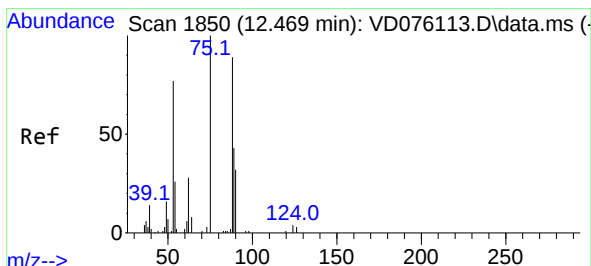
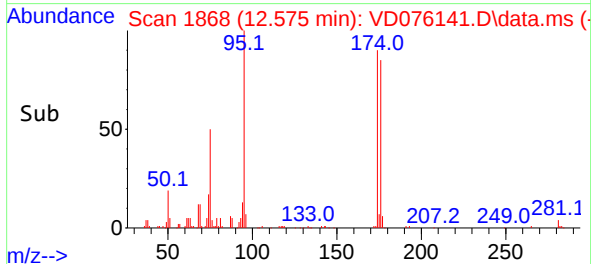
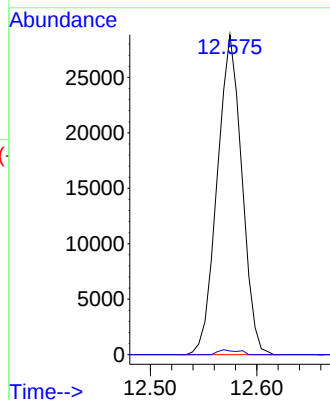
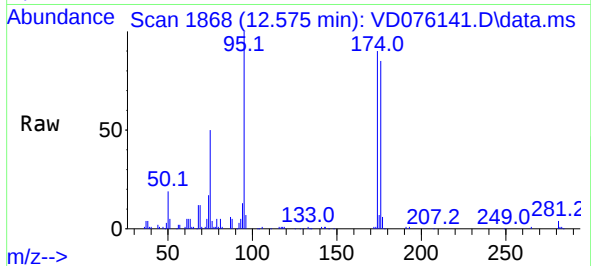




#76
1,2,3-Trichloropropane
Concen: 55.192 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

Tgt Ion: 75 Resp: 46338
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.784 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 75 Resp: 46338
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 40.2 60.4#

