

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076997.D
 Acq On : 14 Aug 2023 13:21
 Operator : JC/SY
 Sample : 03971-06
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04B

Quant Time: Aug 14 13:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

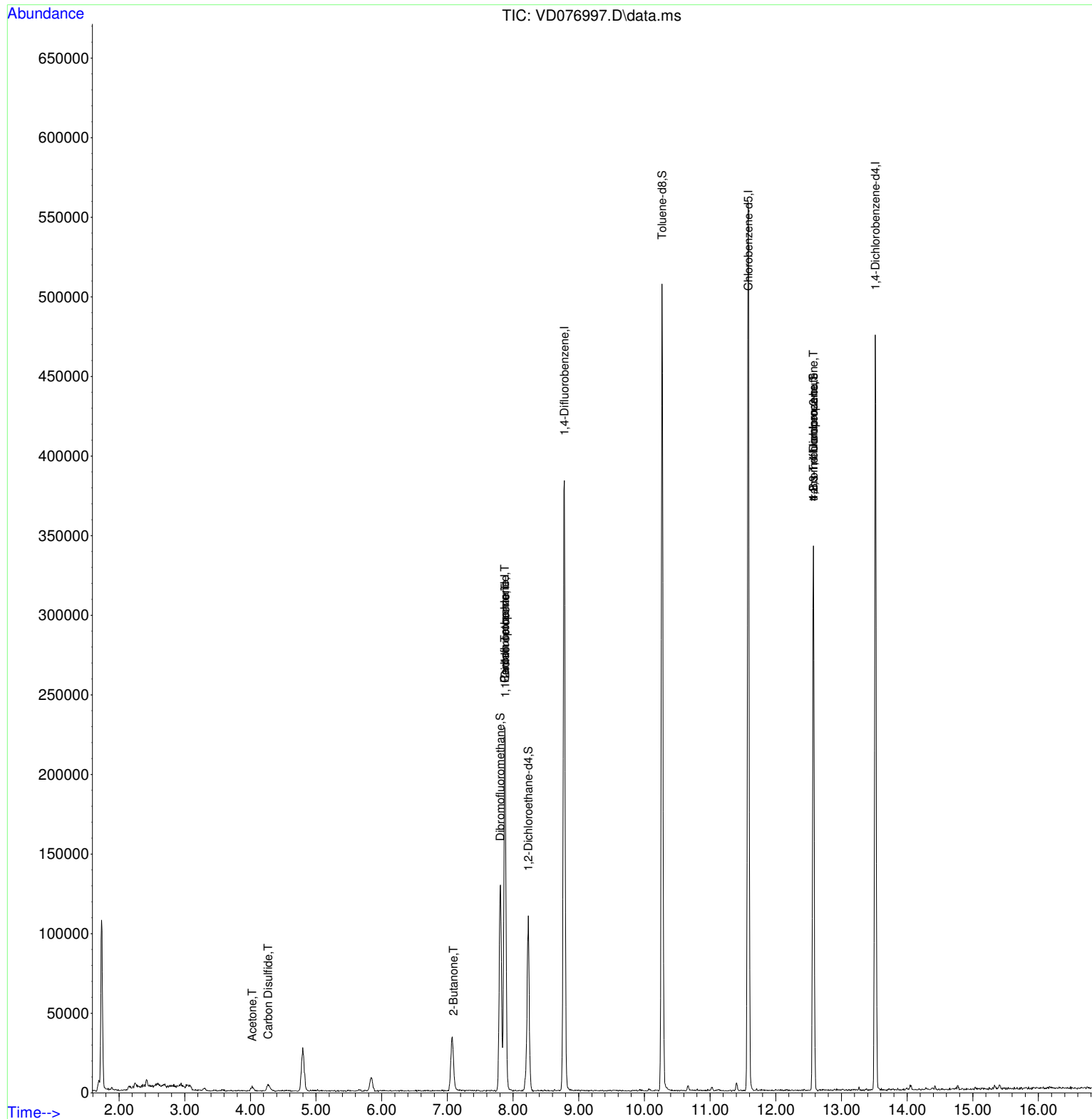
Internal Standards						
1) Pentafluorobenzene	7.875	168	181126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	361000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78358	54.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.68%			
35) Dibromofluoromethane	7.804	113	95905	49.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.84%			
50) Toluene-d8	10.269	98	353669	56.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.48%			
62) 4-Bromofluorobenzene	12.575	95	99910	45.85	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.70%			
Target Compounds						
						Qvalue
16) Acetone	4.028	43	4294	2.55	ug/l #	83
17) Carbon Disulfide	4.269	76	8081	3.44	ug/l	96
20) Methylene Chloride	4.799	84	21321	Below Cal		93
25) 2-Butanone	7.093	43	939	1.96	ug/l #	73
31) Cyclohexane	7.863	56	1834	Below Cal	#	65
36) 1,1-Dichloropropene	7.881	75	13764	5.74	ug/l #	48
38) Carbon Tetrachloride	7.875	117	16994	6.62	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	51064	41.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51064	97.99	ug/l #	17

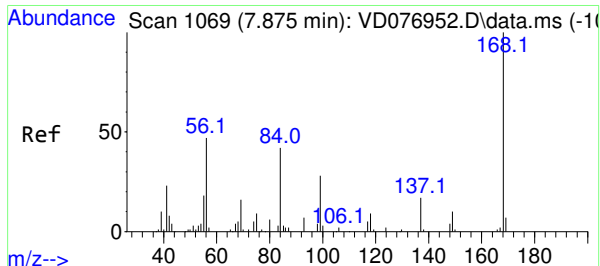
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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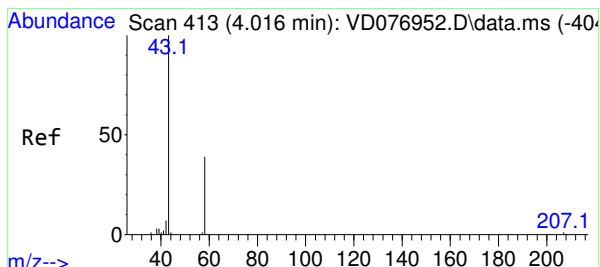
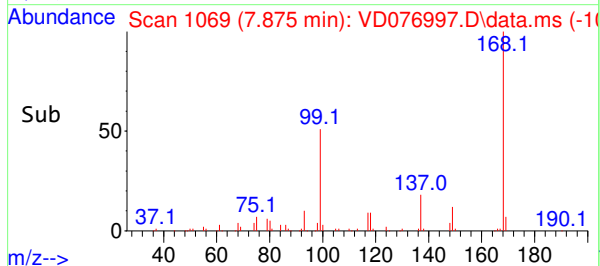
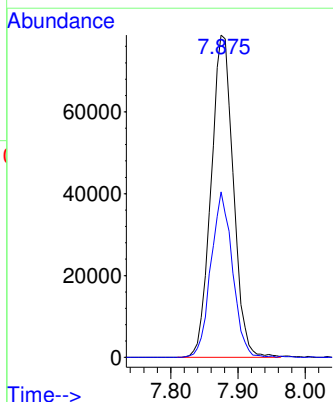
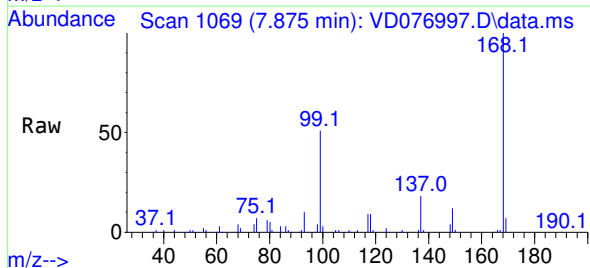




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

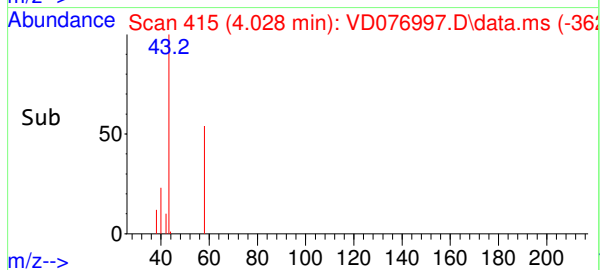
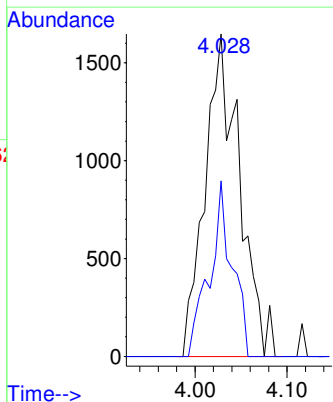
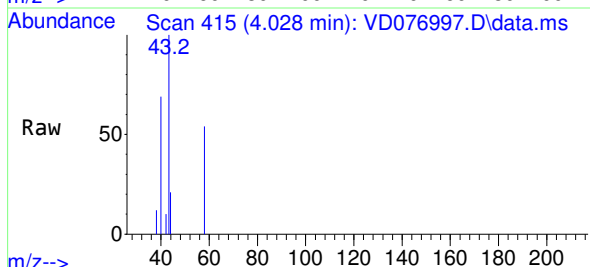
Instrument :
MSVOA_D
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B-PP04B

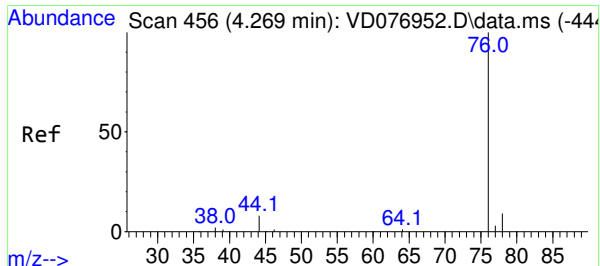
Tgt Ion:168 Resp: 181126
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#16
Acetone
Concen: 2.55 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
58 54.4 34.7 52.1#

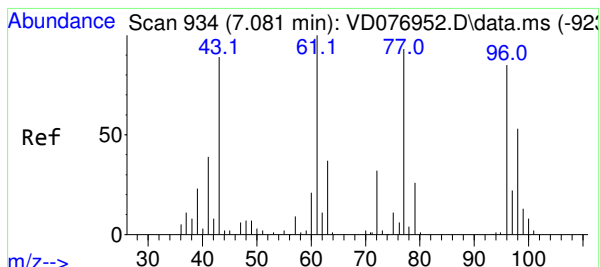
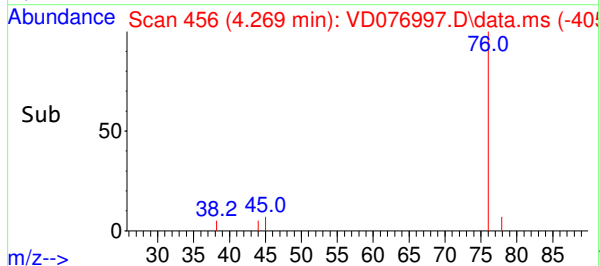
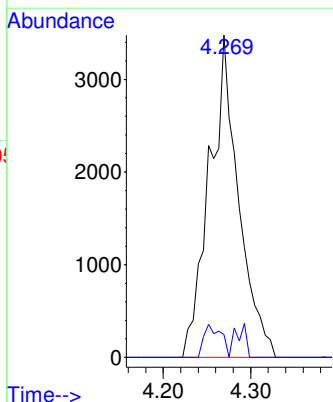
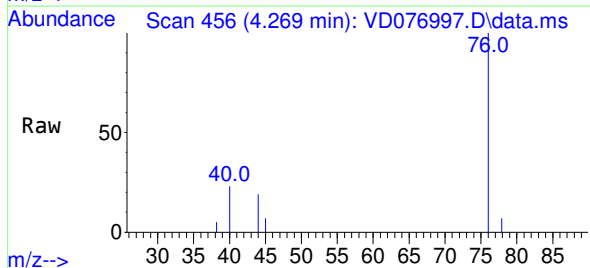




#17
Carbon Disulfide
Concen: 3.44 ug/l
RT: 4.269 min Scan# 4
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

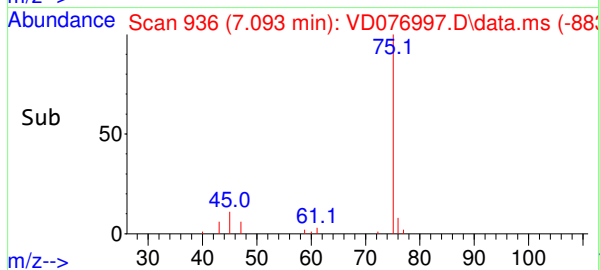
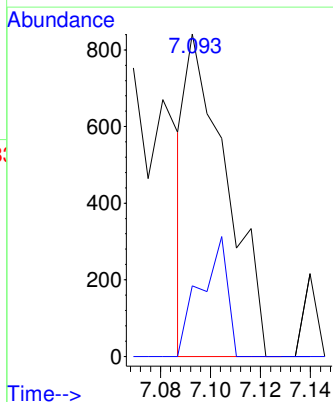
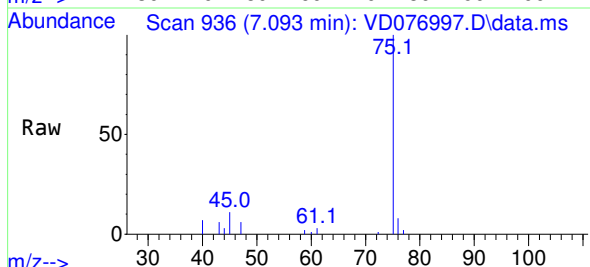
Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

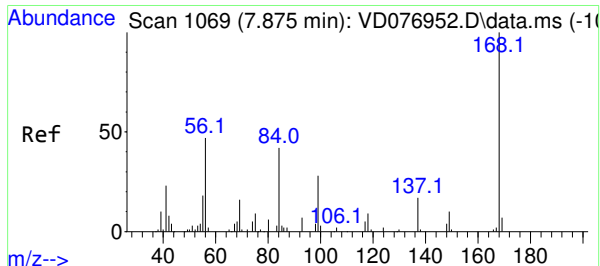
Tgt Ion: 76 Resp: 8081
Ion Ratio Lower Upper
76 100
78 7.0 6.8 10.2



#25
2-Butanone
Concen: 1.96 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
72 21.9 30.7 46.1#

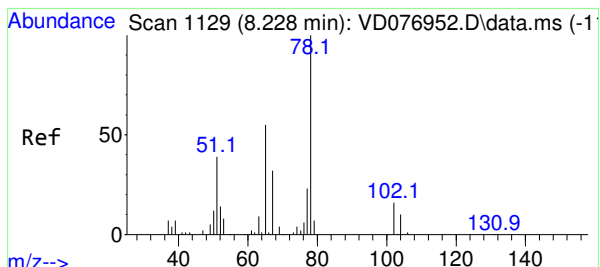
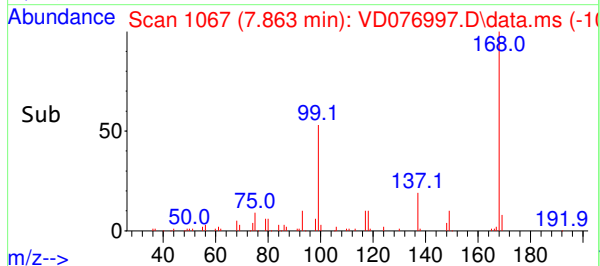
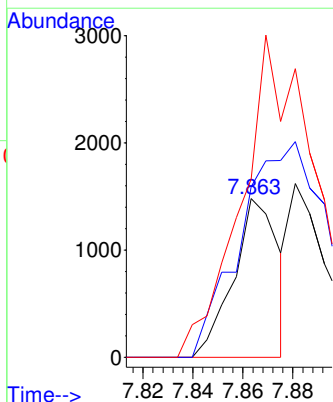
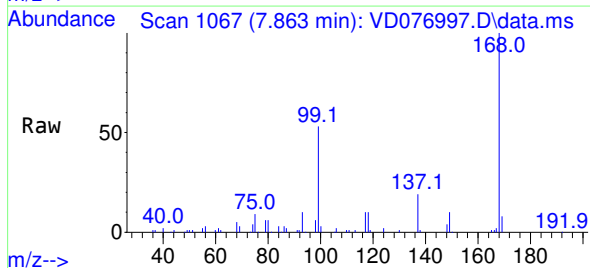




#31
Cyclohexane
Concen: Below Cal
RT: 7.863 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

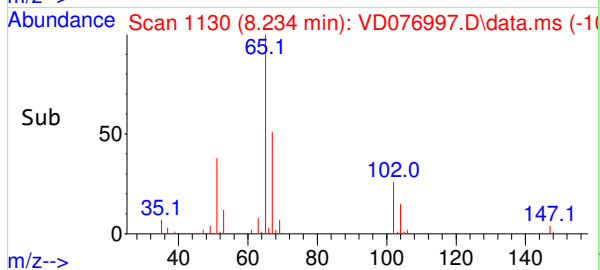
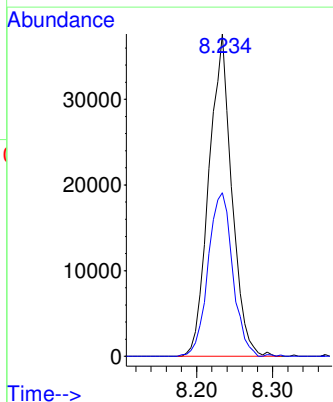
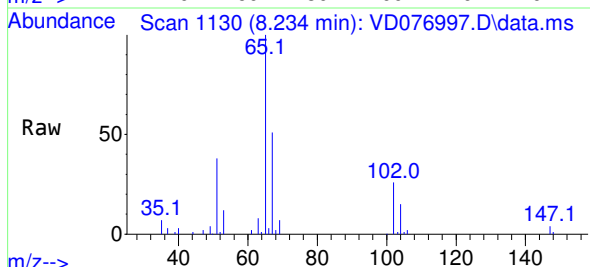
Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

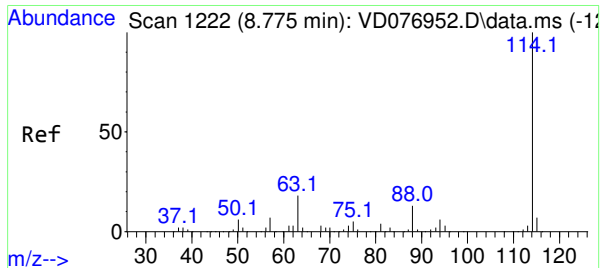
Tgt Ion: 56 Resp: 1834
Ion Ratio Lower Upper
56 100
69 107.5 28.6 43.0#
84 112.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 54.84 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 65 Resp: 78358
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0

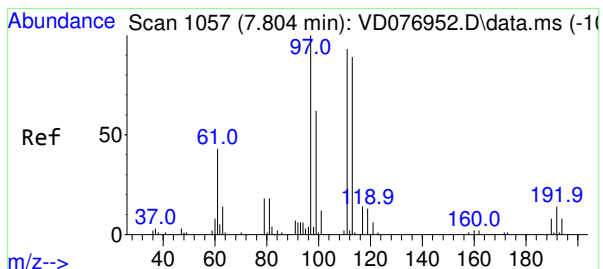
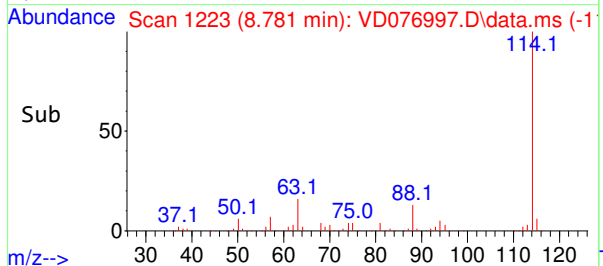
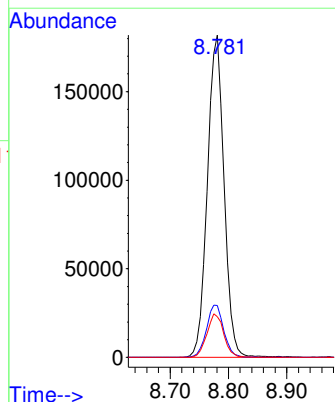
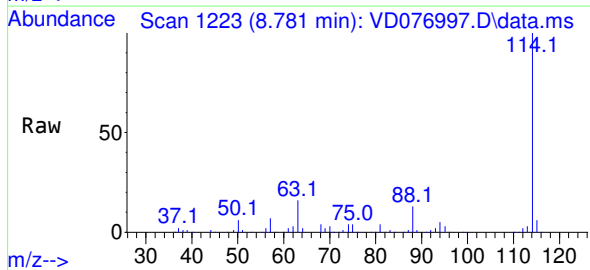




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

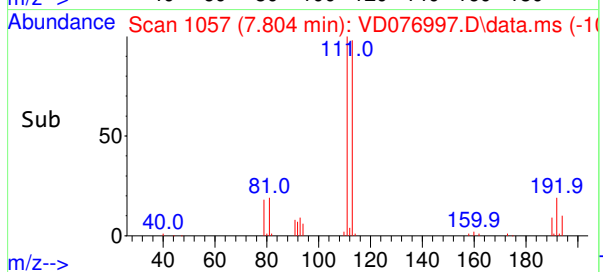
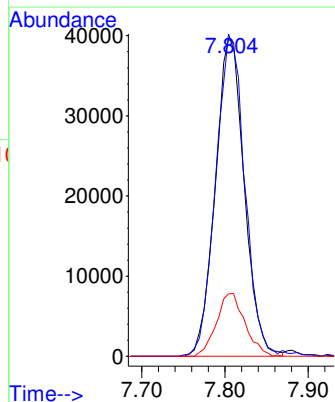
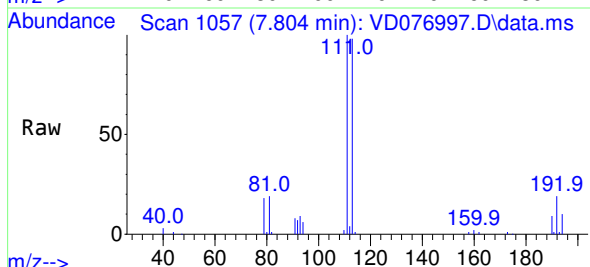
Instrument :
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ClientSampleId :
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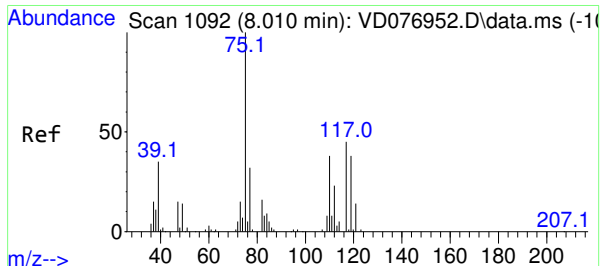
Tgt Ion:114	Resp:	361000
Ion	Ratio	Lower Upper
114	100	
63	16.2	0.0 33.4
88	12.6	0.0 26.2



#35
Dibromofluoromethane
Concen: 49.42 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion:113	Resp:	95905
Ion	Ratio	Lower Upper
113	100	
111	101.8	84.7 127.1
192	19.5	16.8 25.2

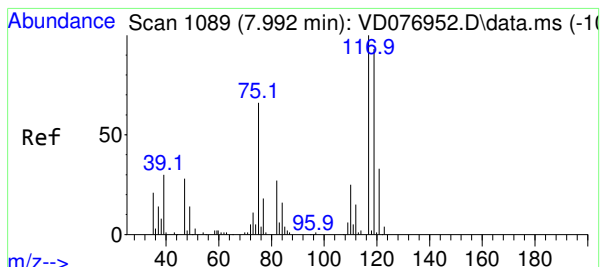
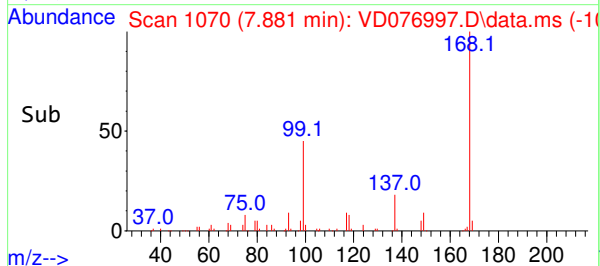
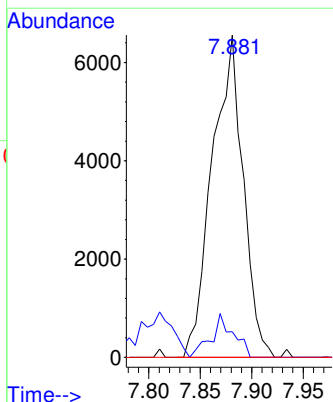
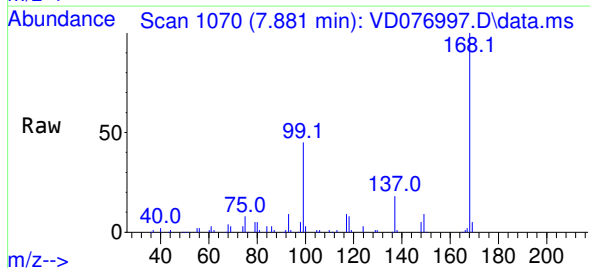




#36
1,1-Dichloropropene
Concen: 5.74 ug/l
RT: 7.881 min Scan# 1
Delta R.T. -0.129 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

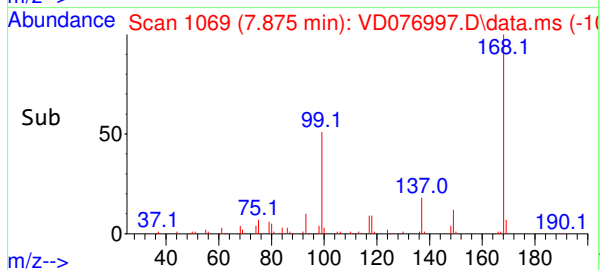
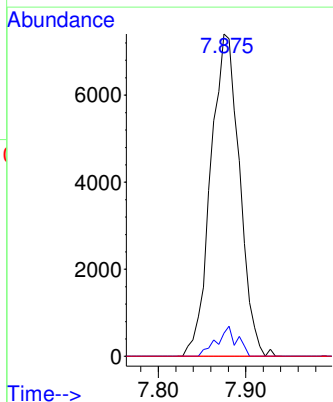
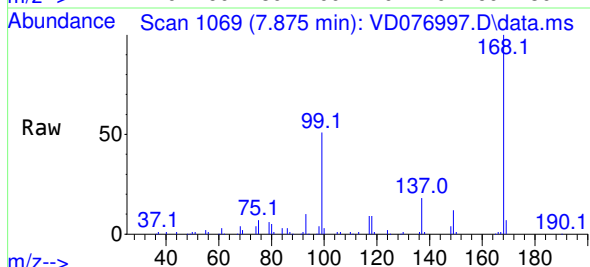
Instrument :
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ClientSampleId :
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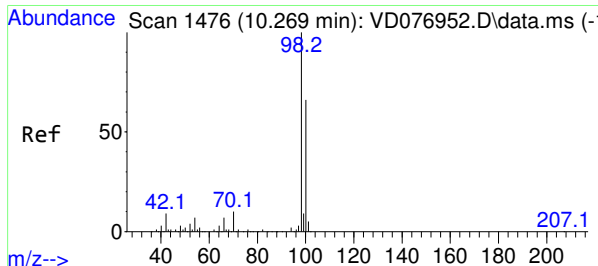
Tgt Ion: 75 Resp: 13764
Ion Ratio Lower Upper
75 100
110 9.7 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 117 Resp: 16994
Ion Ratio Lower Upper
117 100
119 7.1 78.0 117.0#
121 0.0 24.2 36.2#

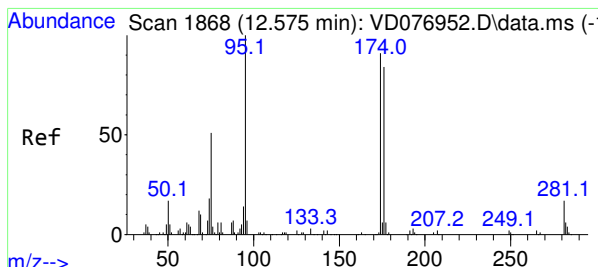
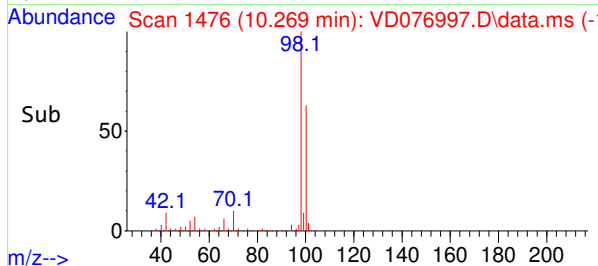
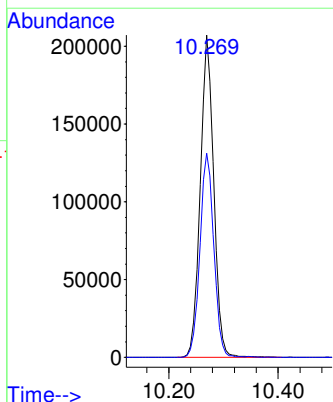
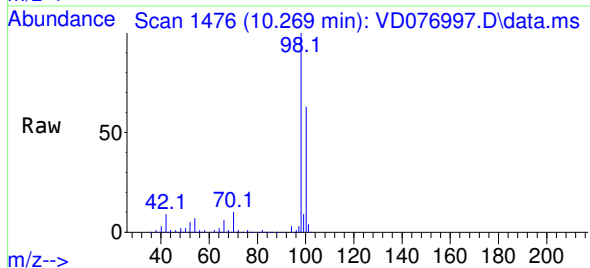




#50
Toluene-d8
Concen: 56.74 ug/l
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

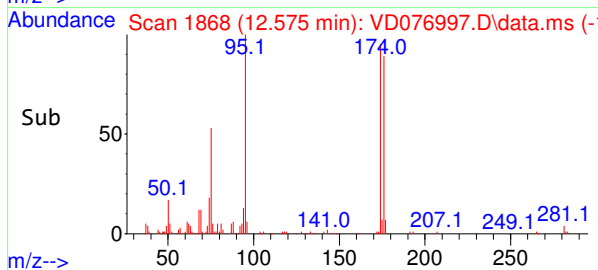
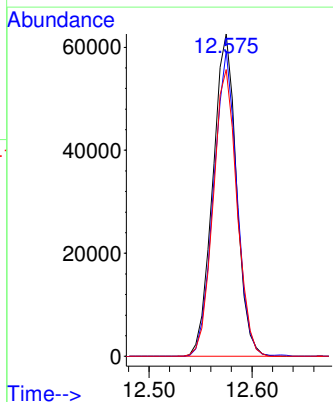
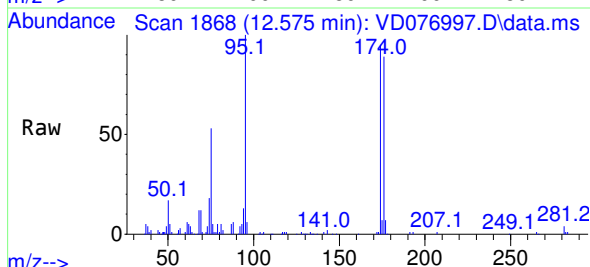
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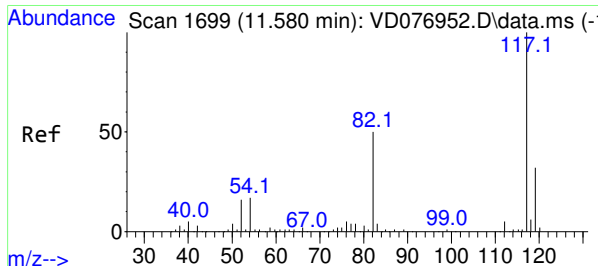
Tgt Ion: 98 Resp: 353669
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.85 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 95 Resp: 99910
Ion Ratio Lower Upper
95 100
174 93.4 0.0 201.8
176 89.8 0.0 191.8

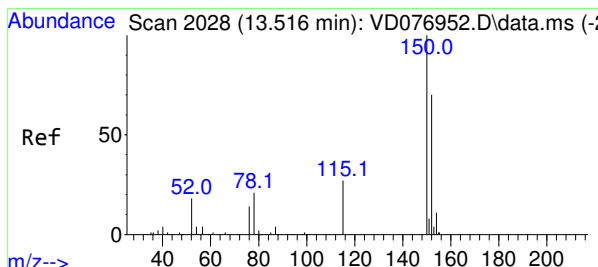
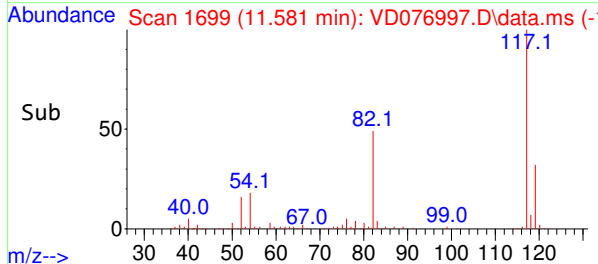
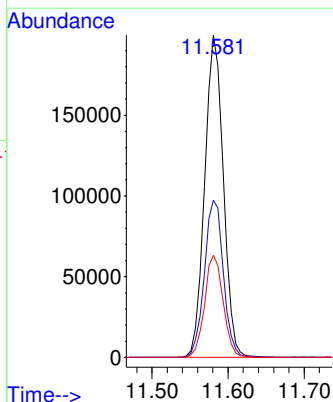
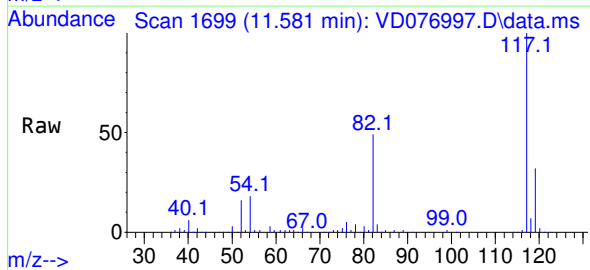




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

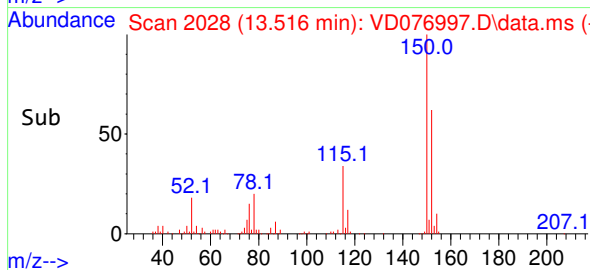
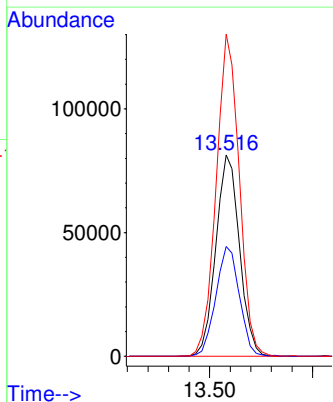
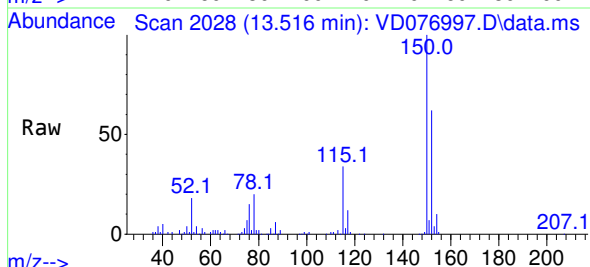
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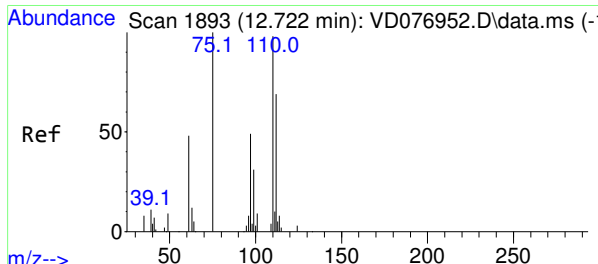
Tgt Ion:117 Resp: 339138
Ion Ratio Lower Upper
117 100
82 48.8 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion:152 Resp: 130514
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 156.3 0.0 353.6

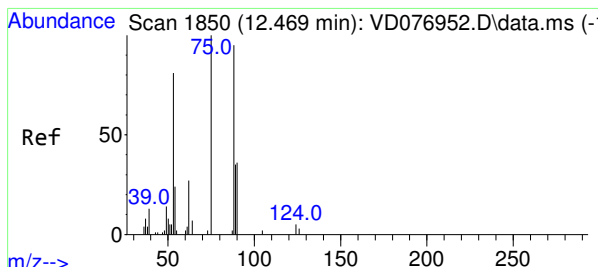
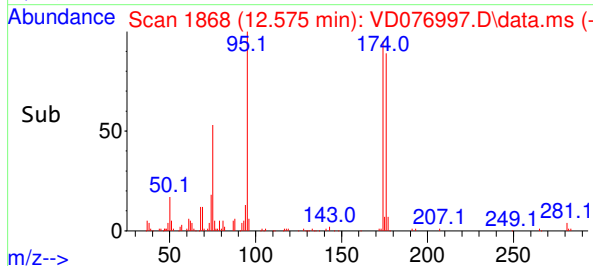
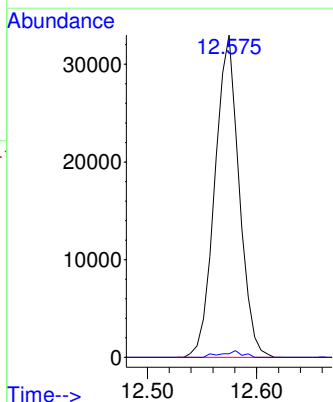
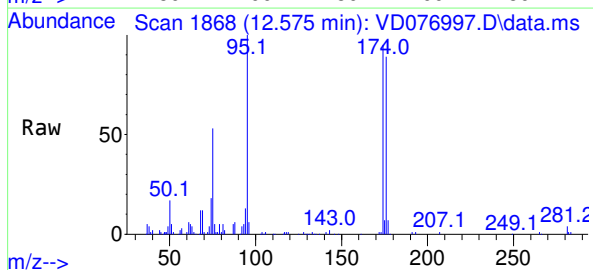




#76
1,2,3-Trichloropropane
Concen: 41.71 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

Tgt Ion: 75 Resp: 51064
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.99 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 75 Resp: 51064
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

