

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076905.D
 Acq On : 02 Aug 2023 18:34
 Operator : KP/SY
 Sample : 03864-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Aug 03 01:25:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

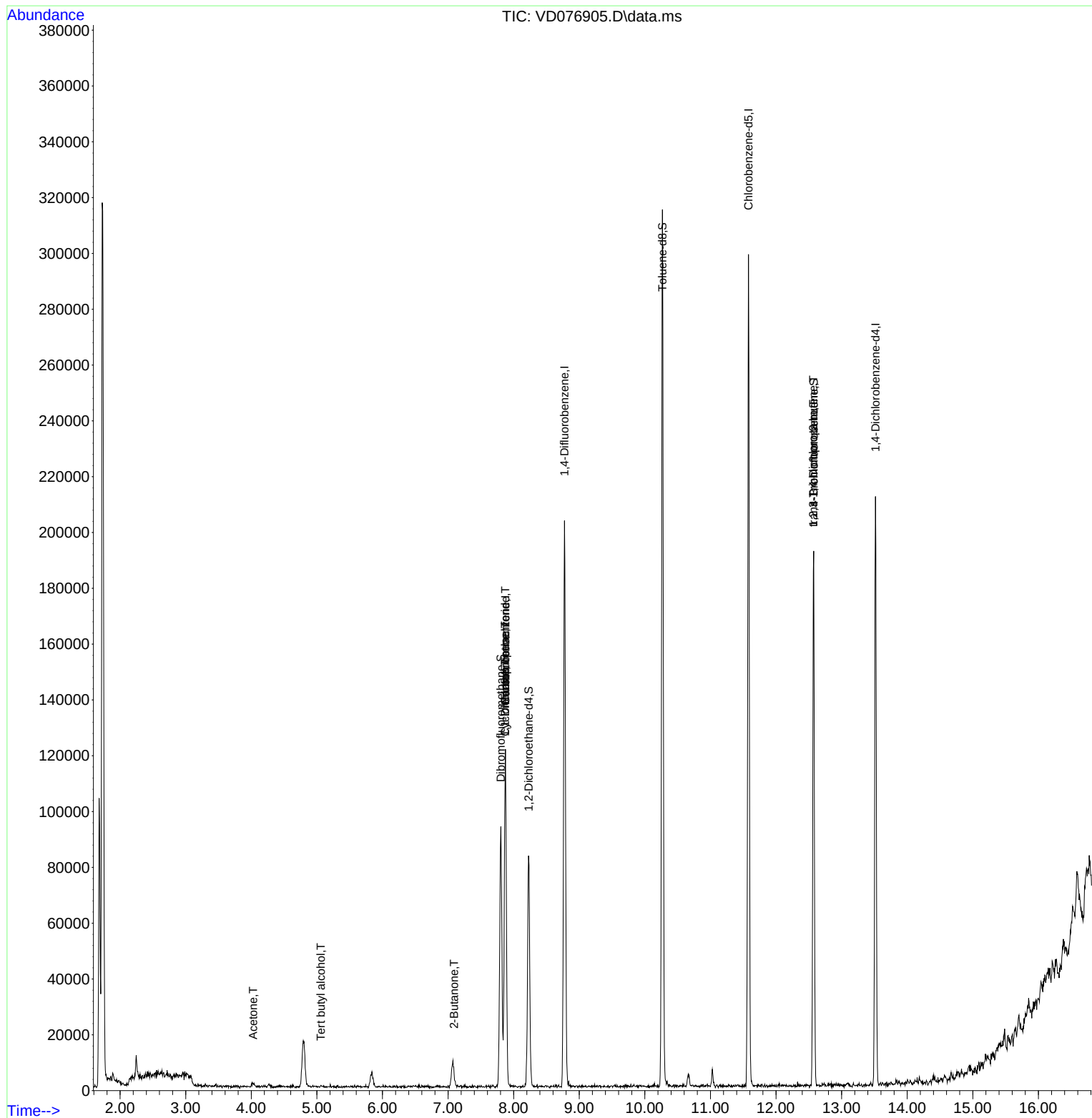
Internal Standards						
1) Pentafluorobenzene	7.875	168	91250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62971	69.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.560%	
35) Dibromofluoromethane	7.804	113	66846	57.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.380%	
50) Toluene-d8	10.269	98	220909	53.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.575	95	60101	44.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.640%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.058	59	316	4.659	ug/l #	73
16) Acetone	4.028	43	803	3.699	ug/l #	32
25) 2-Butanone	7.093	43	381	1.312	ug/l #	37
31) Cyclohexane	7.869	56	2050	1.533	ug/l #	70
36) 1,1-Dichloropropene	7.869	75	7552	4.988	ug/l #	45
38) Carbon Tetrachloride	7.875	117	9678	6.675	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	32300	58.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	32300	125.272	ug/l #	17

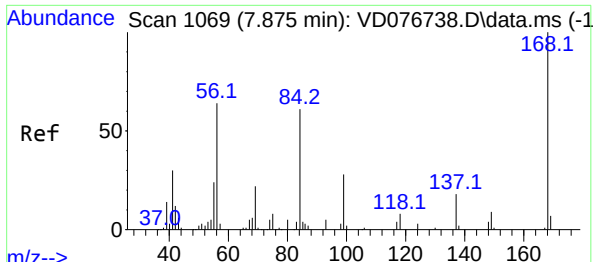
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

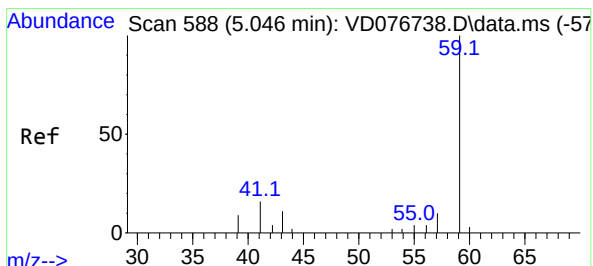
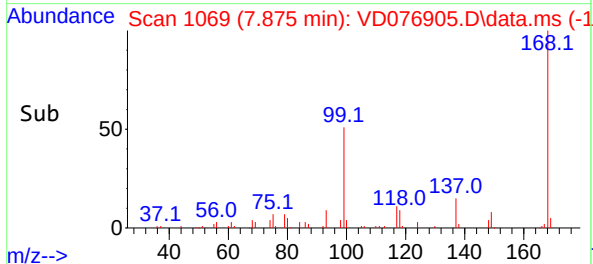
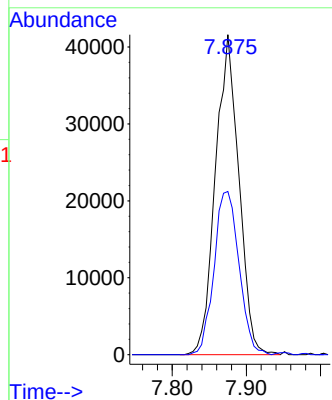
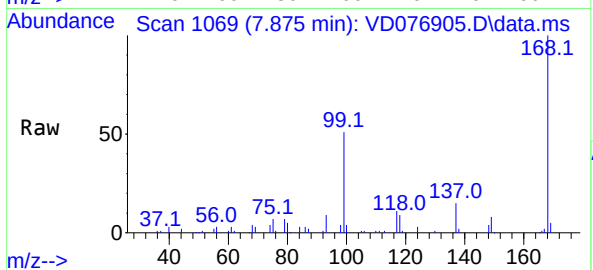




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

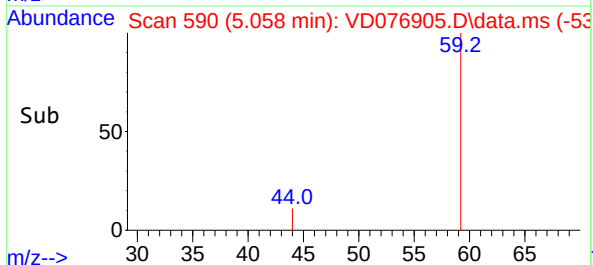
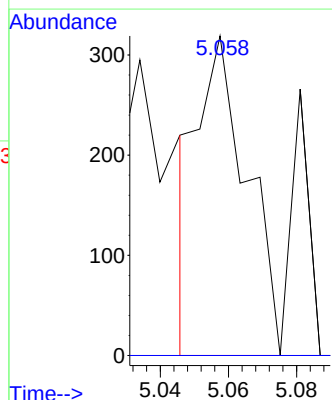
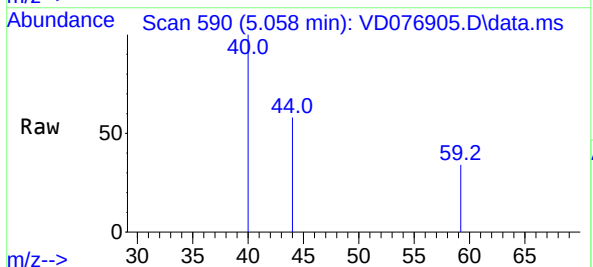
Instrument :
MSVOA_D
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WC-1

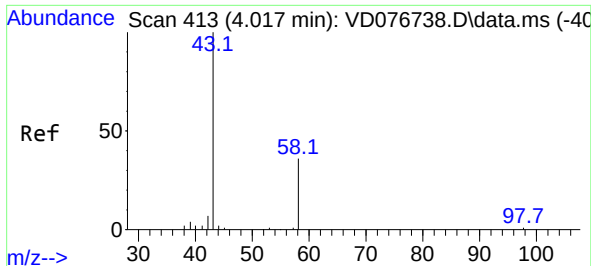
Tgt Ion:168 Resp: 91250
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#11
Tert butyl alcohol
Concen: 4.659 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

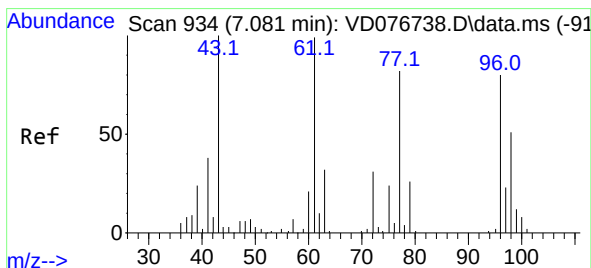
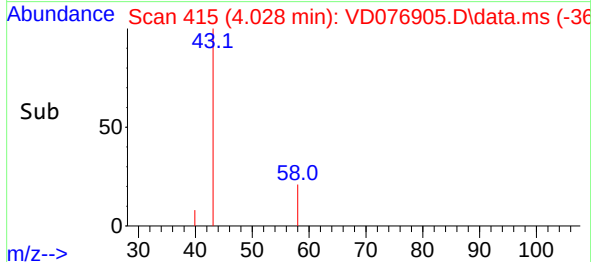
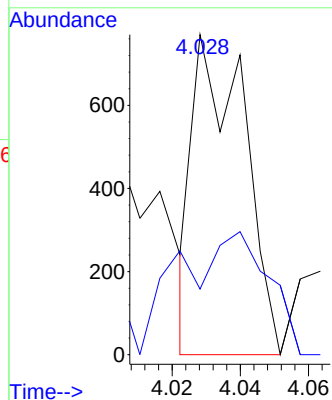
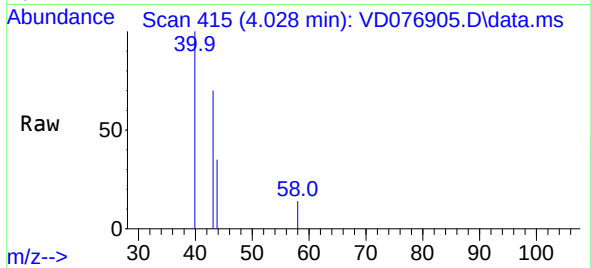




#16
Acetone
Concen: 3.699 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

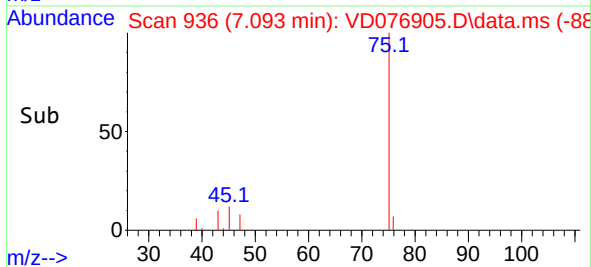
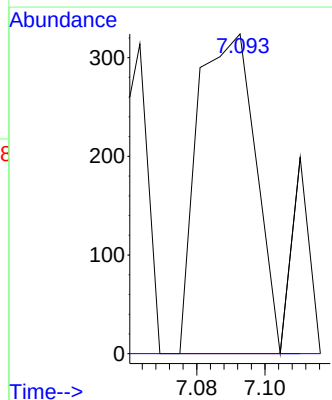
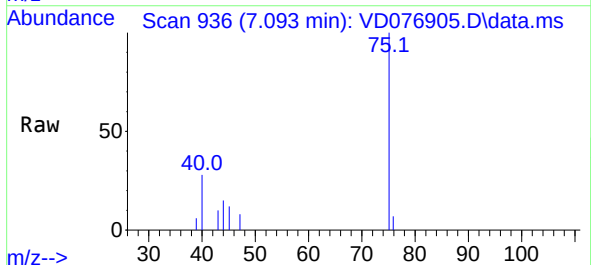
Instrument :
MSVOA_D
ClientSampleId :
WC-1

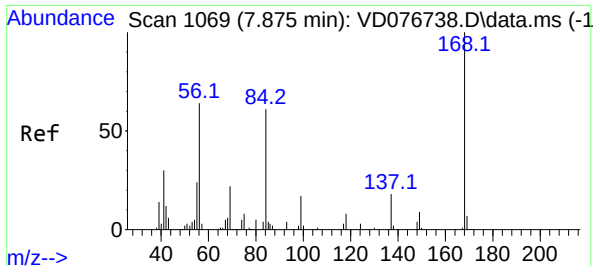
Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#25
2-Butanone
Concen: 1.312 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

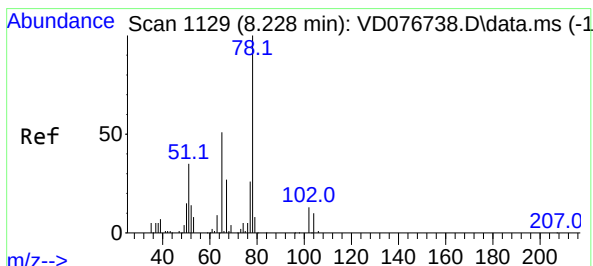
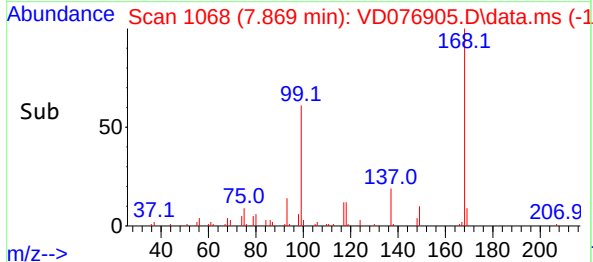
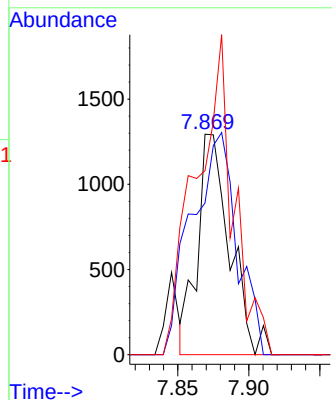
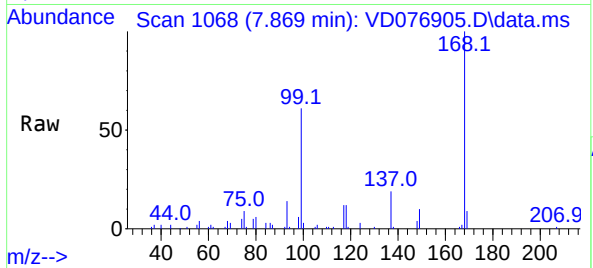




#31
Cyclohexane
Concen: 1.533 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

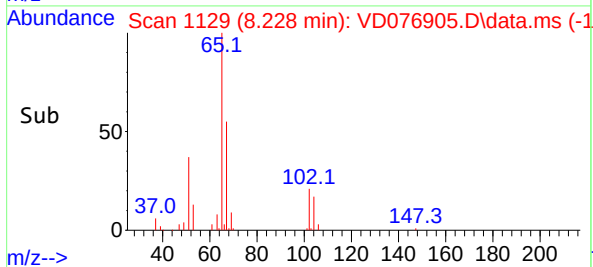
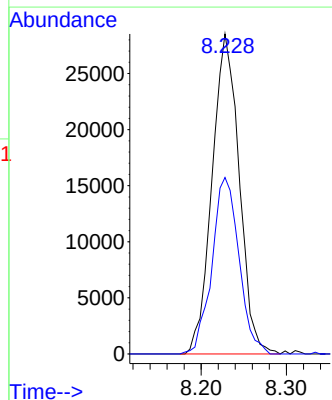
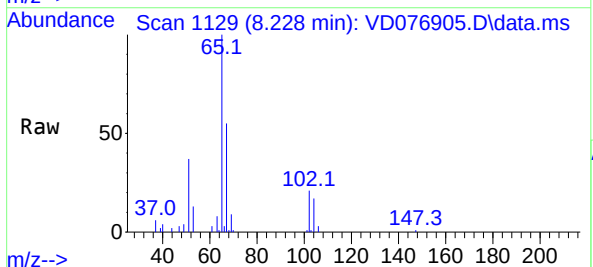
Instrument :
MSVOA_D
ClientSampleId :
WC-1

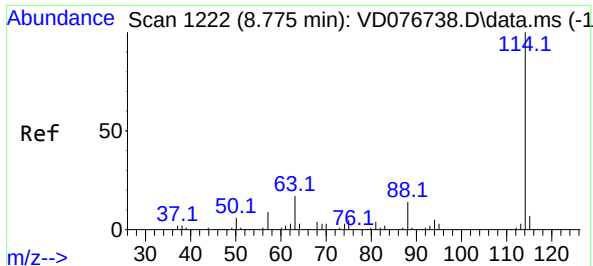
Tgt Ion: 56 Resp: 2050
Ion Ratio Lower Upper
56 100
69 68.8 28.6 43.0#
84 83.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 69.284 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion: 65 Resp: 62971
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0

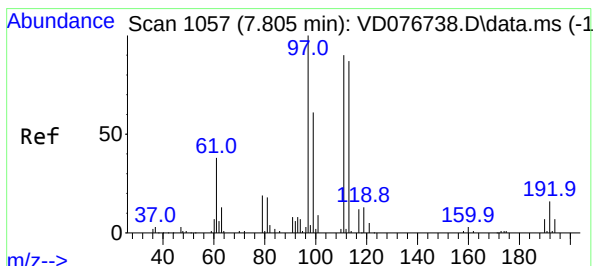
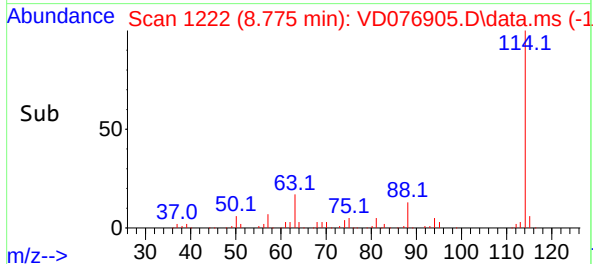
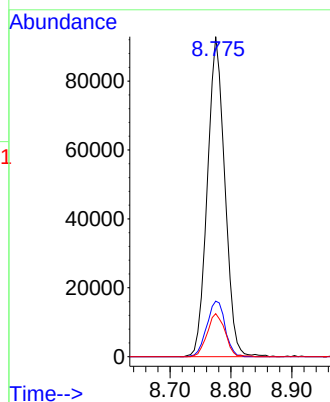
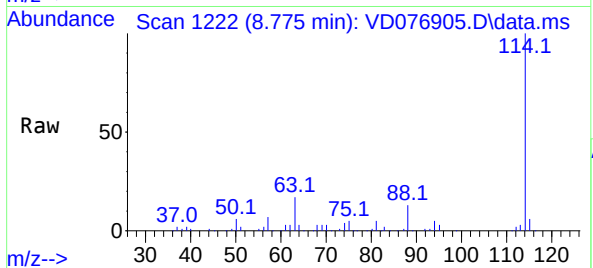




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

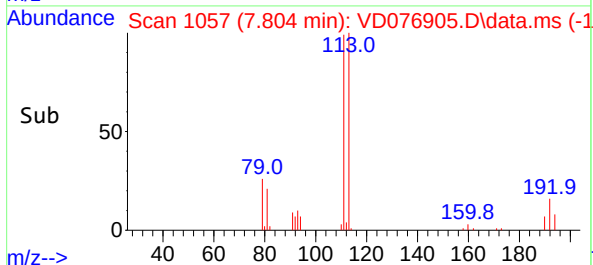
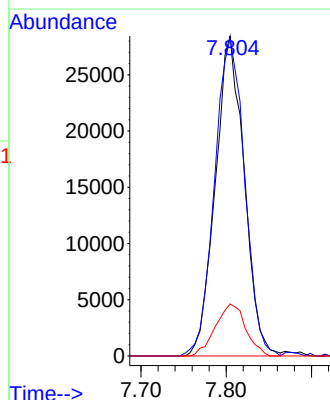
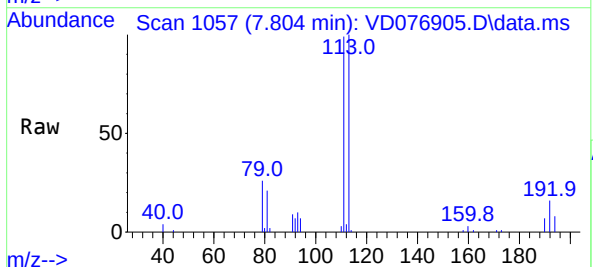
Instrument :
MSVOA_D
ClientSampleId :
WC-1

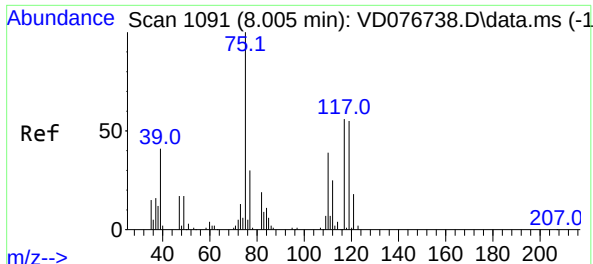
Tgt Ion:114 Resp: 184393
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 57.689 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion:113 Resp: 66846
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 17.1 16.8 25.2

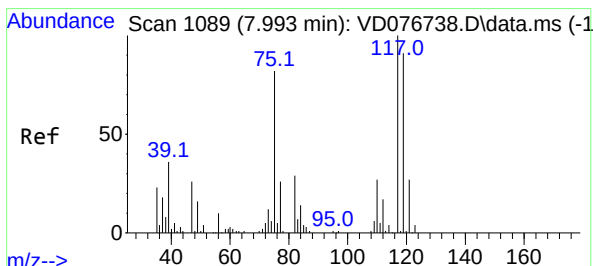
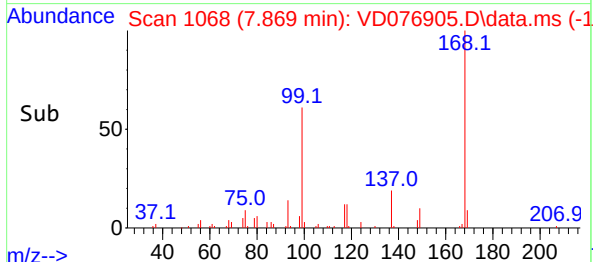
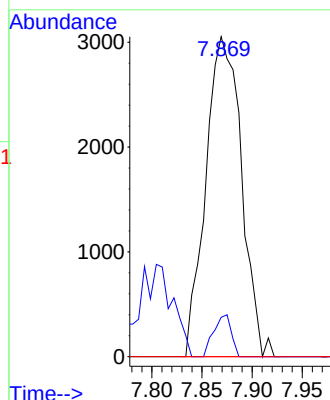
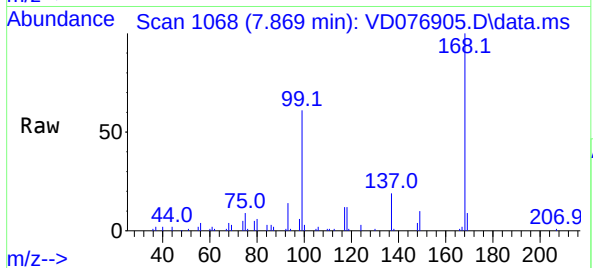




#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

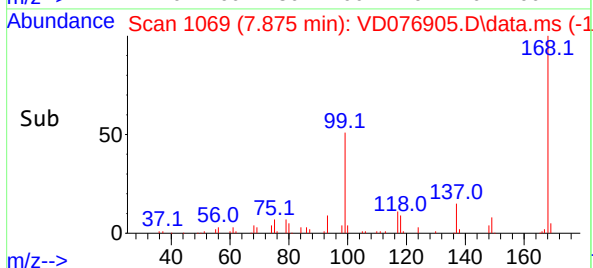
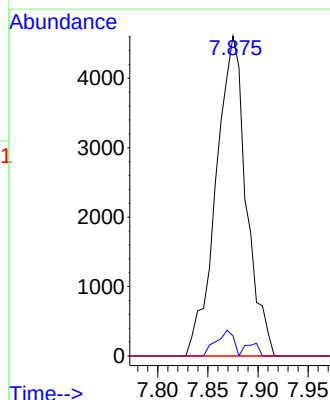
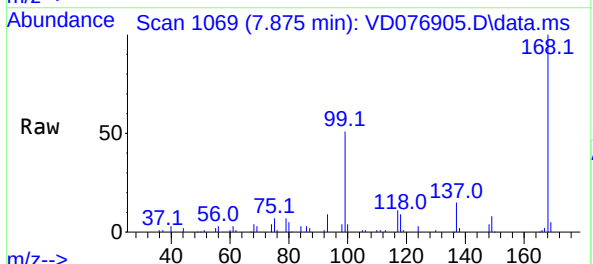
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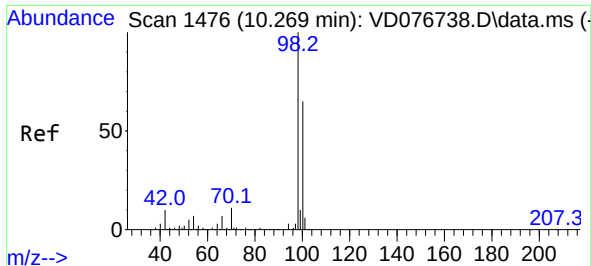
Tgt Ion:	75	Resp:	7552
Ion	Ratio	Lower	Upper
75	100		
110	6.5	19.9	59.6#
77	0.0	24.7	37.1#



#38
Carbon Tetrachloride
Concen: 6.675 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion:	117	Resp:	9678
Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.0	117.0#
121	0.0	24.2	36.2#

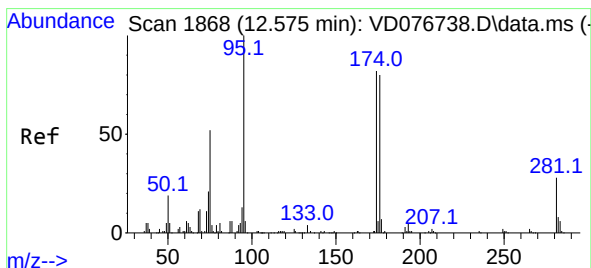
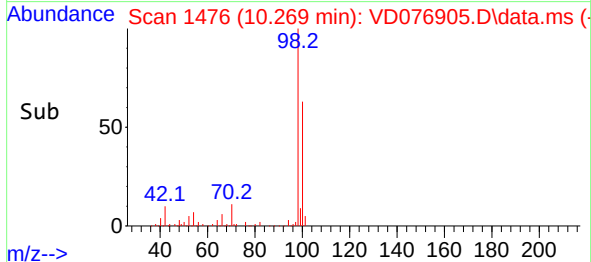
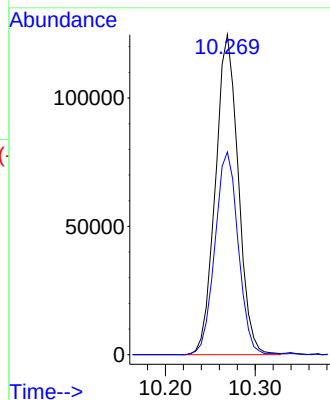
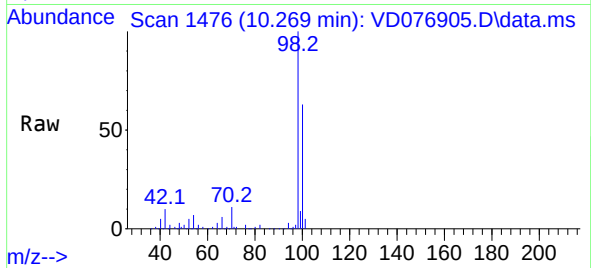




#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

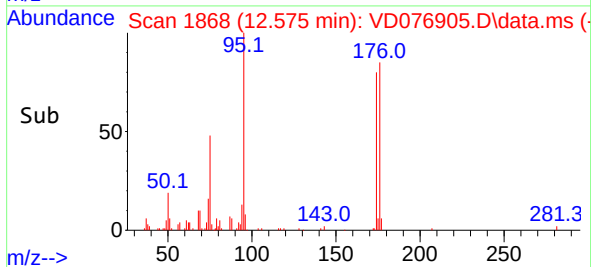
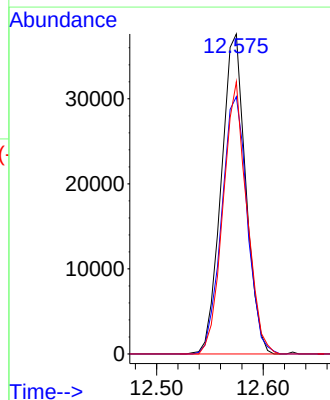
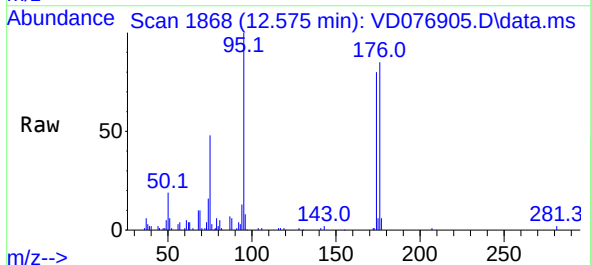
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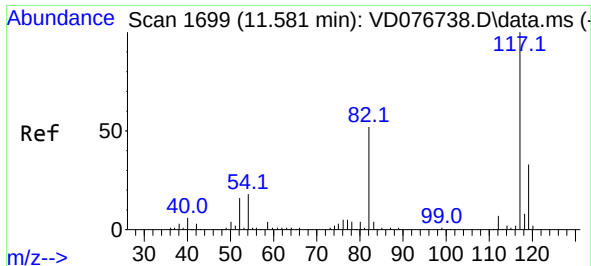
Tgt Ion: 98 Resp: 220909
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.818 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion: 95 Resp: 60101
Ion Ratio Lower Upper
95 100
174 83.8 0.0 201.8
176 82.4 0.0 191.8

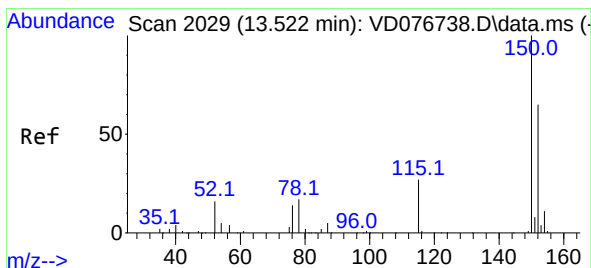
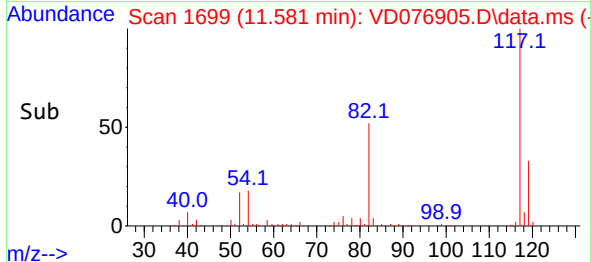
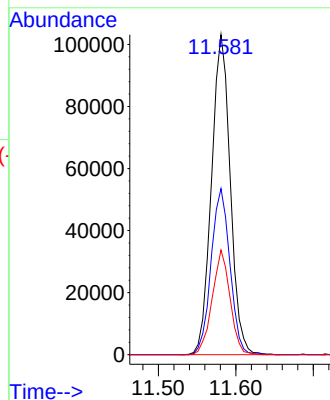
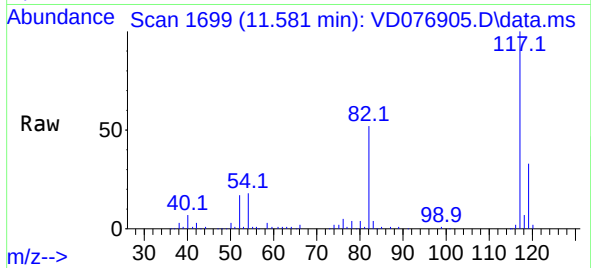




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

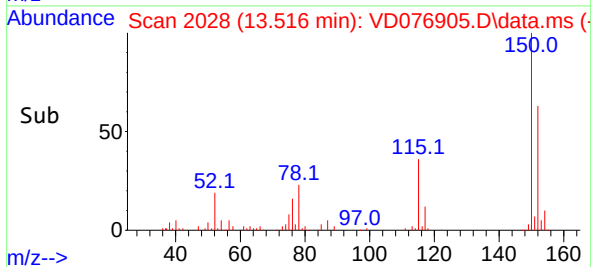
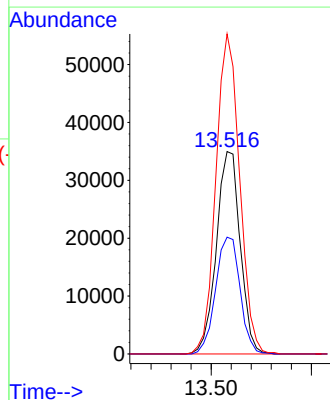
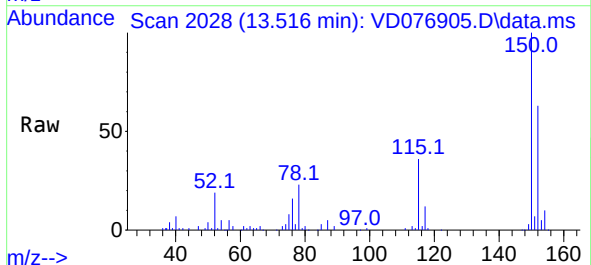
Instrument :
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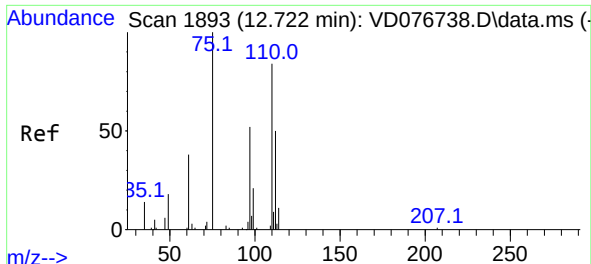
Tgt Ion:117 Resp: 173598
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion:152 Resp: 57703
Ion Ratio Lower Upper
152 100
115 59.2 27.1 81.3
150 157.1 0.0 353.6

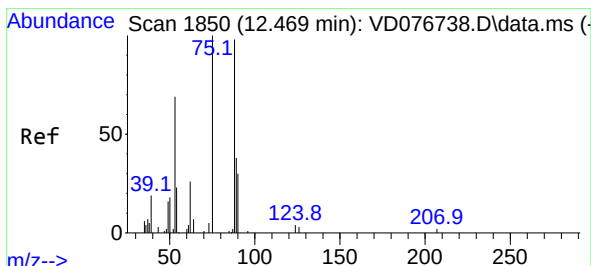
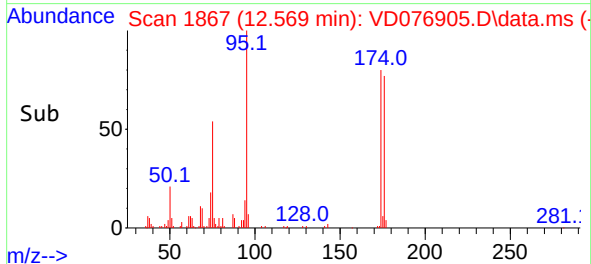
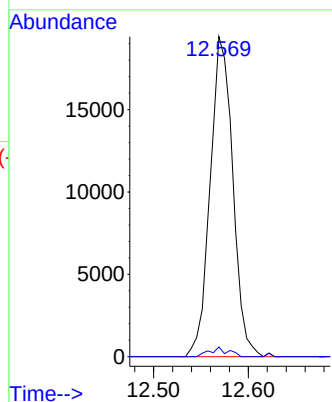
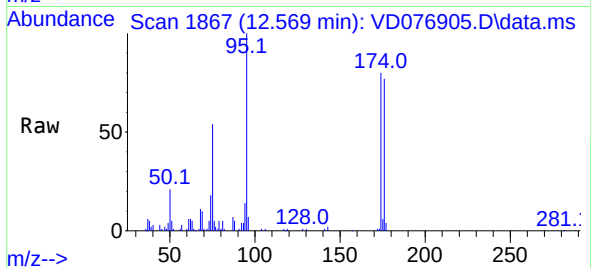




#76
1,2,3-Trichloropropane
Concen: 58.861 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion: 75 Resp: 32300
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.272 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076905.D
Acq: 02 Aug 2023 18:34

Tgt Ion: 75 Resp: 32300
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

