

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075384.D
 Acq On : 21 Feb 2023 16:50
 Operator : KP/SY
 Sample : 01613-06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-838-840

Quant Time: Feb 21 17:59:03 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)

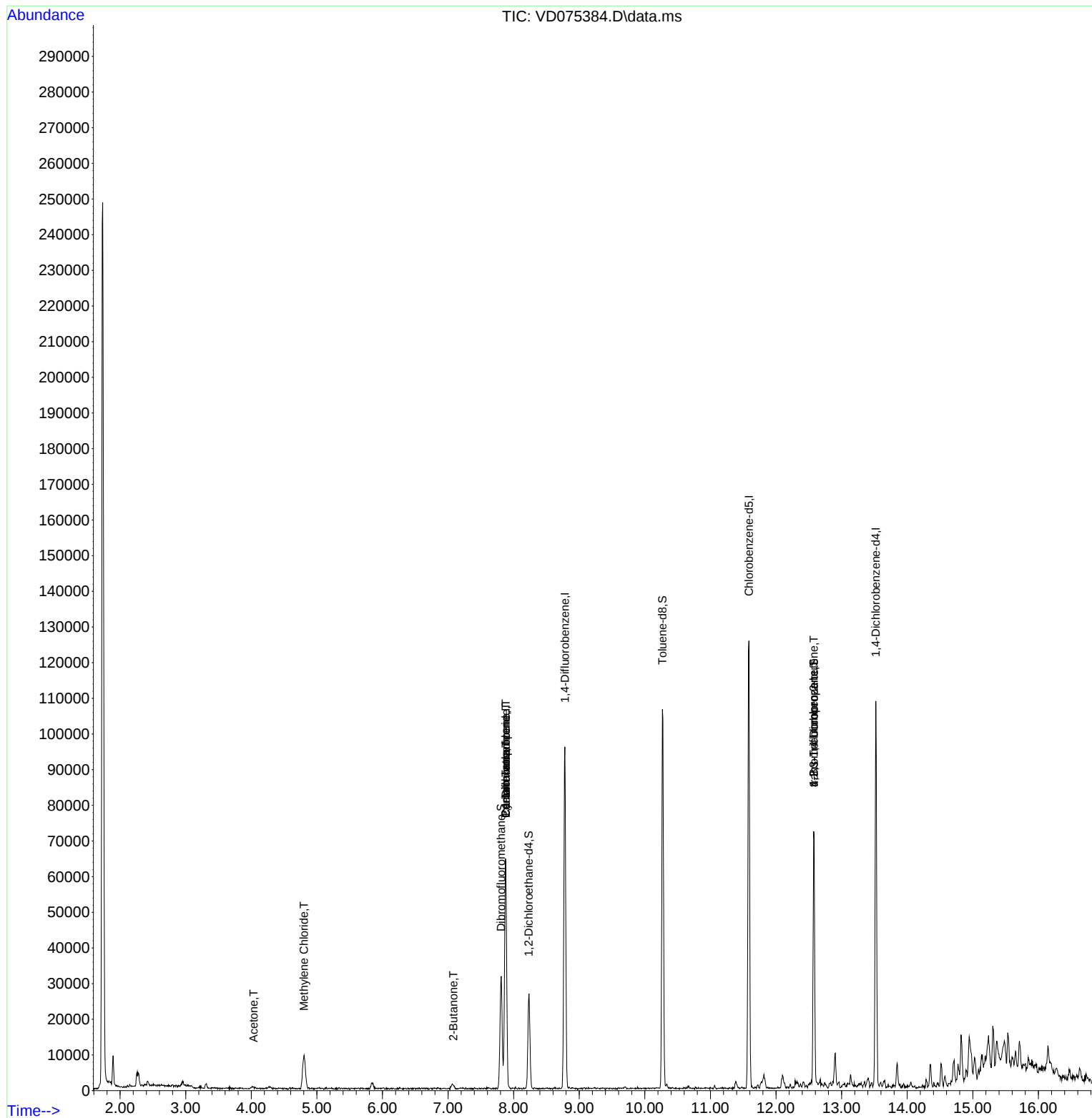
Internal Standards						
1) Pentafluorobenzene	7.881	168	47384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	80197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	68642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20342	49.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.700%
35) Dibromofluoromethane	7.810	113	22018	46.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.500%
50) Toluene-d8	10.269	98	70737	41.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.340%
62) 4-Bromofluorobenzene	12.575	95	21586	37.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.840%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1555	12.680	ug/l #	44
20) Methylene Chloride	4.805	84	6799	6.079	ug/l #	88
23) Vinyl Acetate	5.881	43	63	Below Cal	#	70
25) 2-Butanone	7.081	43	256	1.674	ug/l #	50
31) Cyclohexane	7.881	56	1477	1.536	ug/l #	37
36) 1,1-Dichloropropene	7.881	75	4120	4.828	ug/l #	45
38) Carbon Tetrachloride	7.881	117	4890	5.719	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	12319	62.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	12319	141.943	ug/l #	5

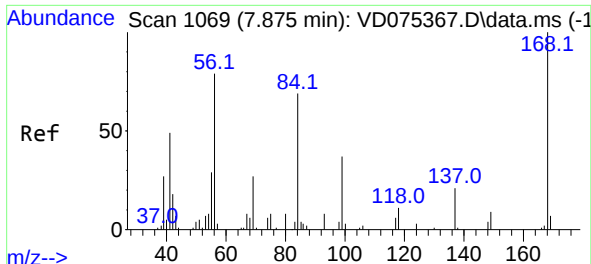
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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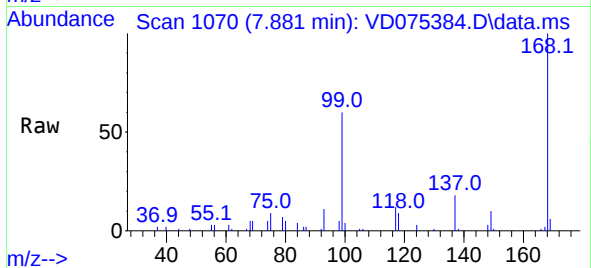
Quant Time: Feb 21 17:59:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
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QLast Update : Tue Feb 21 16:26:04 2023
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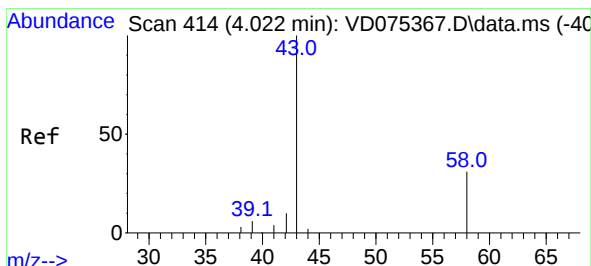
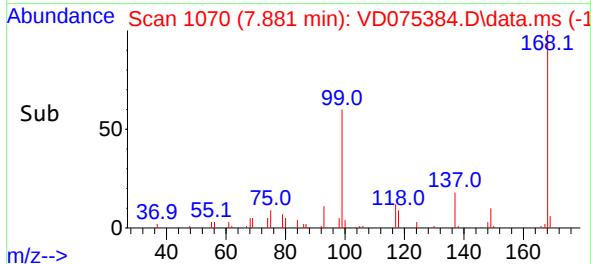
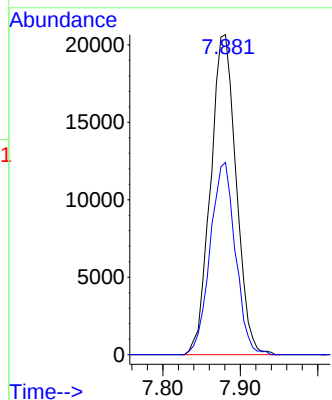


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-838-840

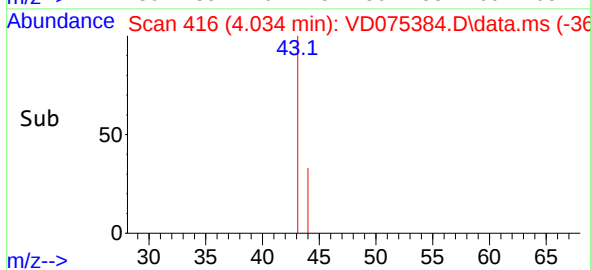
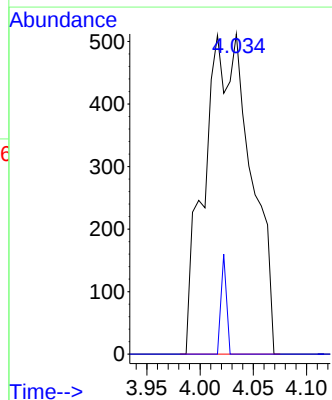
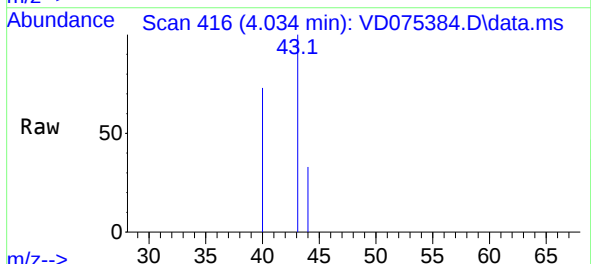


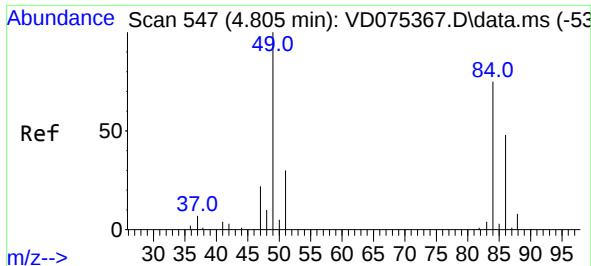
Tgt Ion:168 Resp: 47384
Ion Ratio Lower Upper
168 100
99 60.1 43.8 65.6



#16
Acetone
Concen: 12.680 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

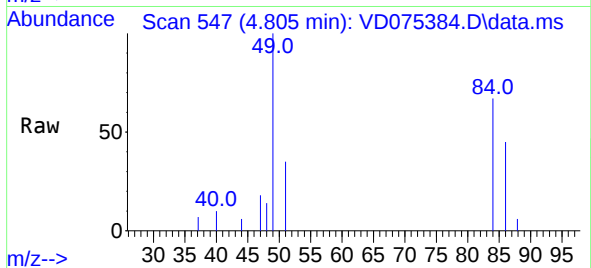
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





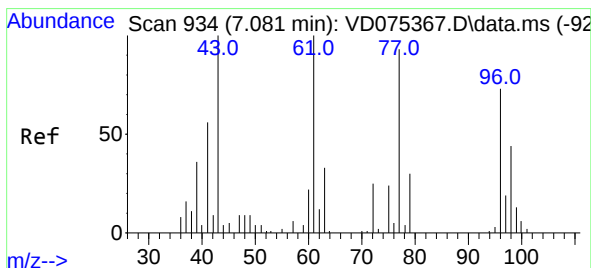
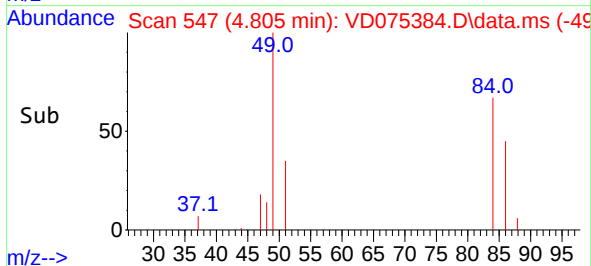
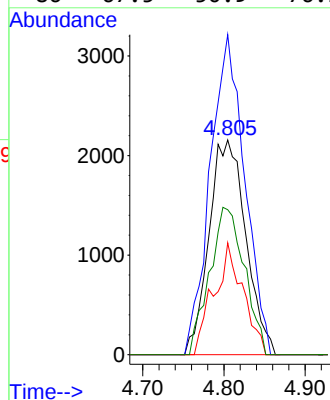
#20
Methylene Chloride
Concen: 6.079 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-838-840



Tgt Ion: 84 Resp: 6799

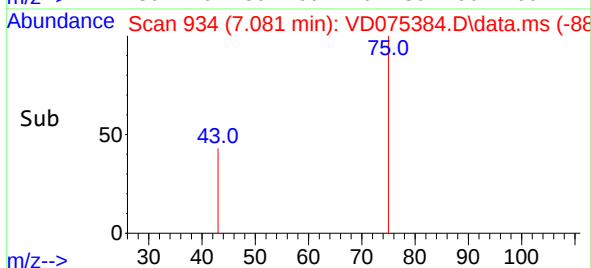
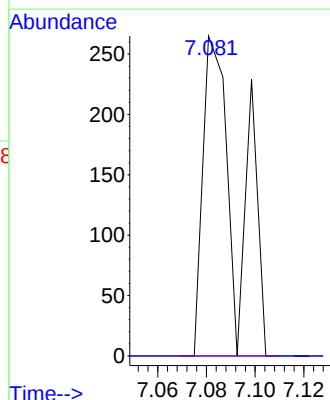
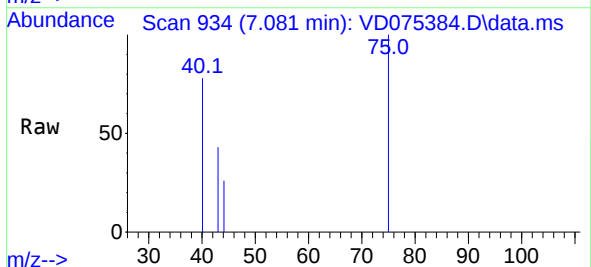
Ion	Ratio	Lower	Upper
84	100		
49	149.1	106.4	159.6
51	52.1	32.4	48.6#
86	67.5	50.9	76.3

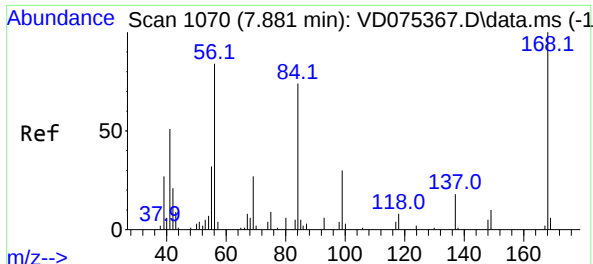


#25
2-Butanone
Concen: 1.674 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion: 43 Resp: 256

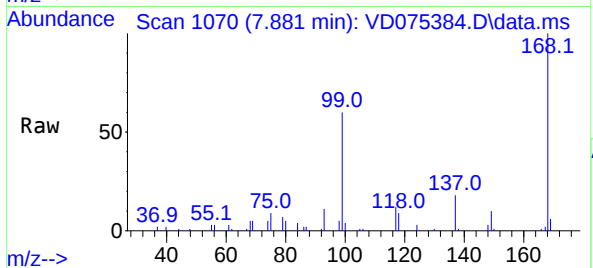
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



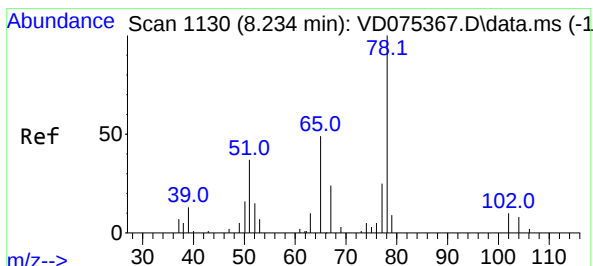
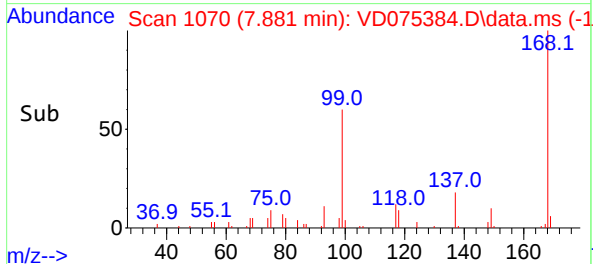
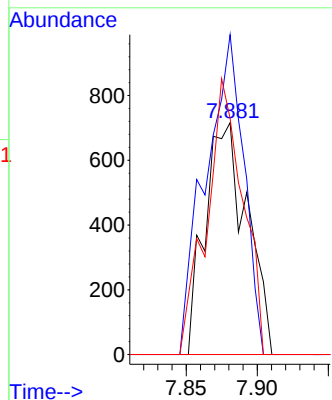


#31
Cyclohexane
Concen: 1.536 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-838-840

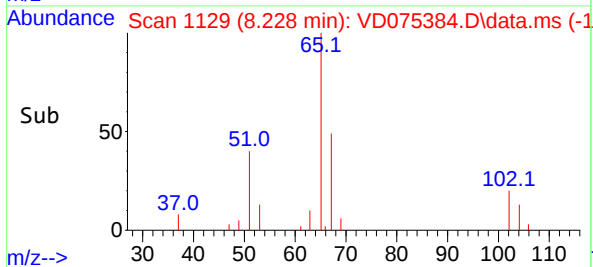
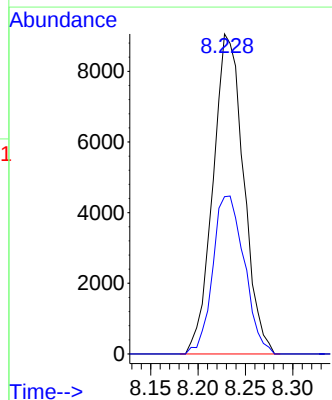
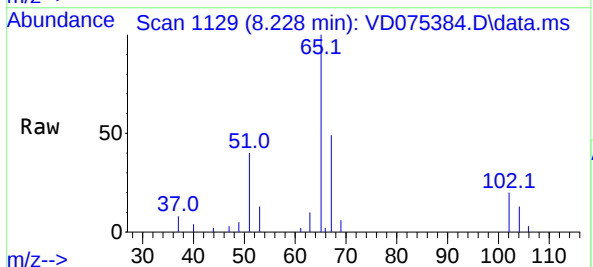


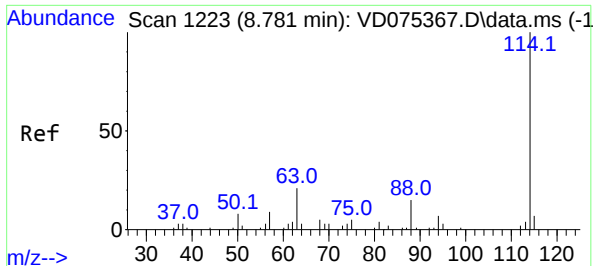
Tgt Ion: 56 Resp: 1477
Ion Ratio Lower Upper
56 100
69 138.0 25.5 38.3#
84 101.8 69.6 104.4



#33
1,2-Dichloroethane-d4
Concen: 49.849 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion: 65 Resp: 20342
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

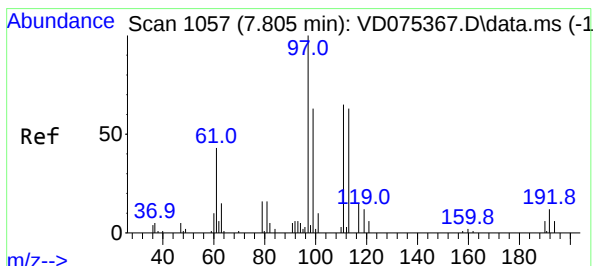
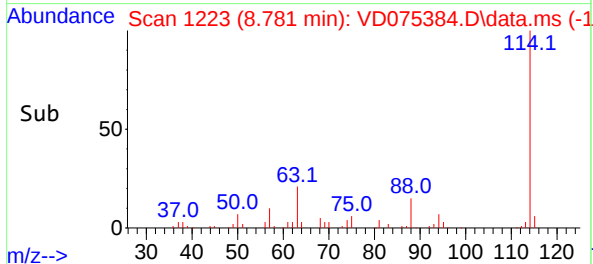
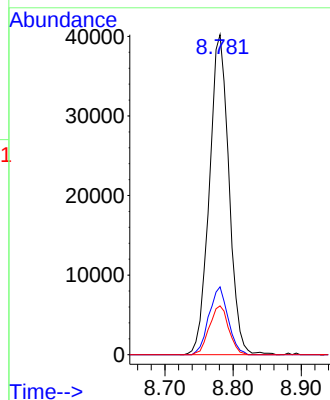
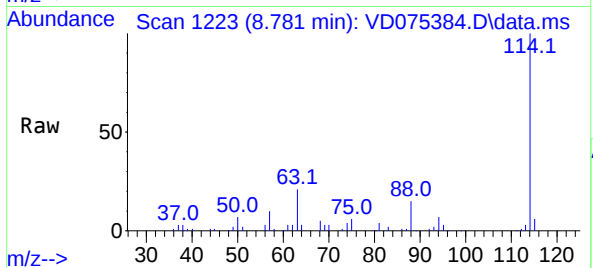




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

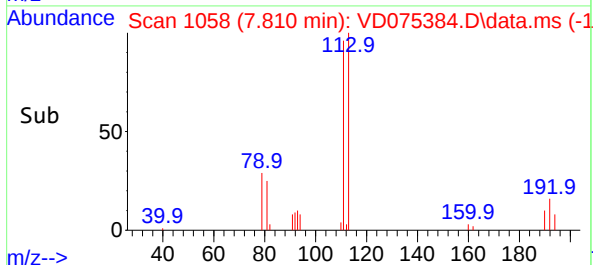
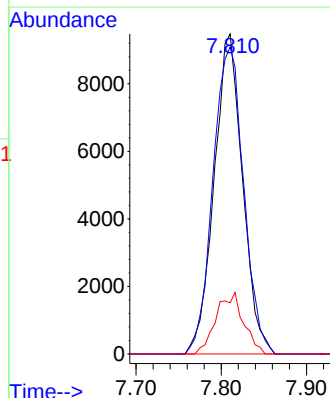
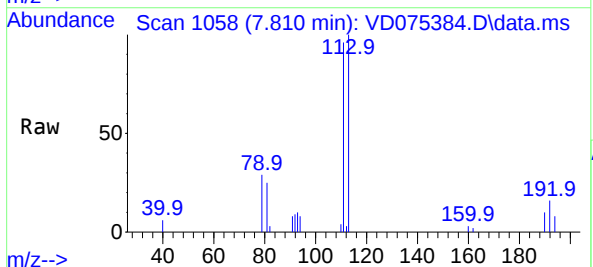
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-838-840

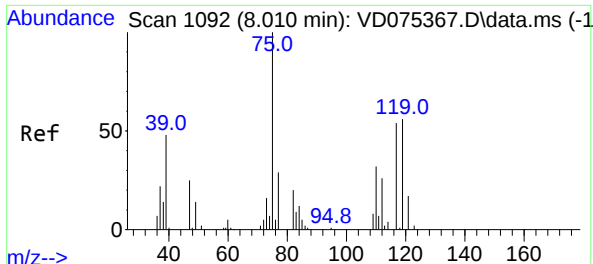
Tgt Ion:114 Resp: 80197
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.248 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion:113 Resp: 22018
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.5 15.2 22.8

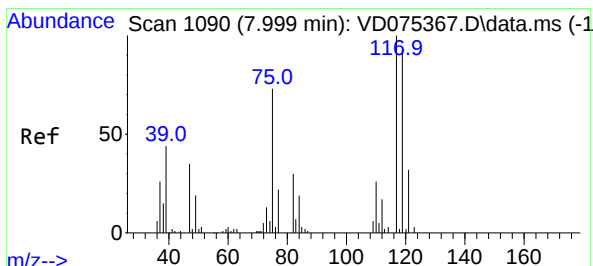
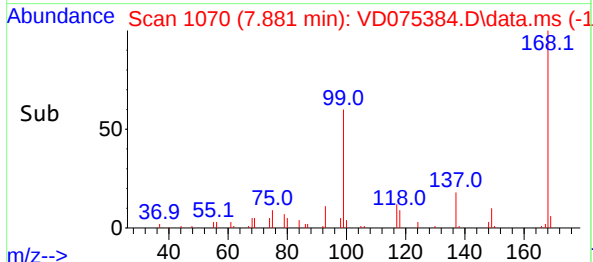
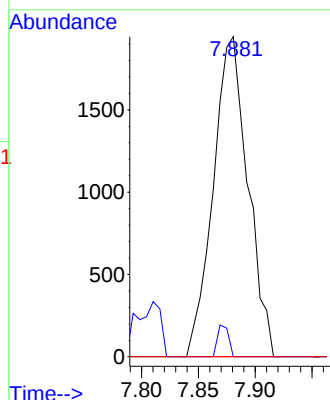
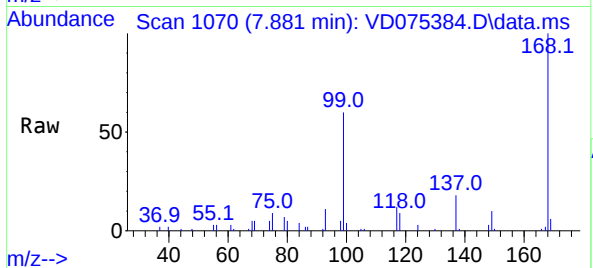




#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

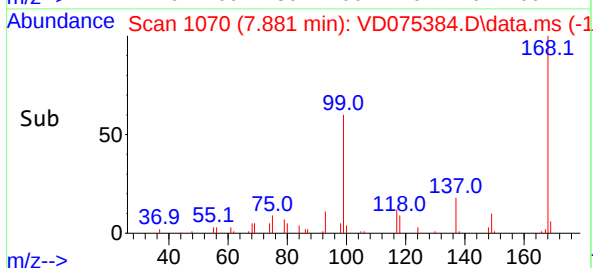
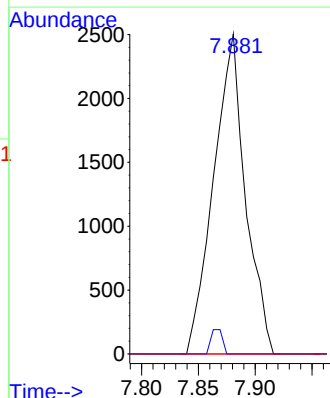
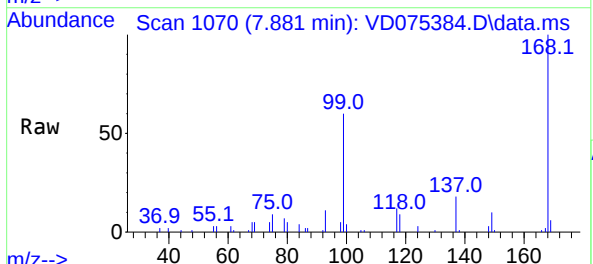
Instrument :
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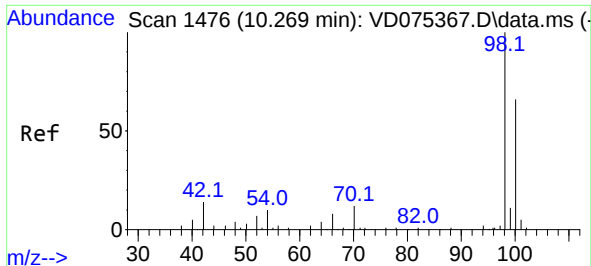
Tgt Ion: 75 Resp: 4120
Ion Ratio Lower Upper
75 100
110 3.1 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion: 117 Resp: 4890
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#

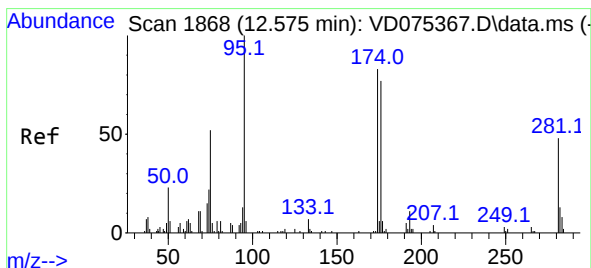
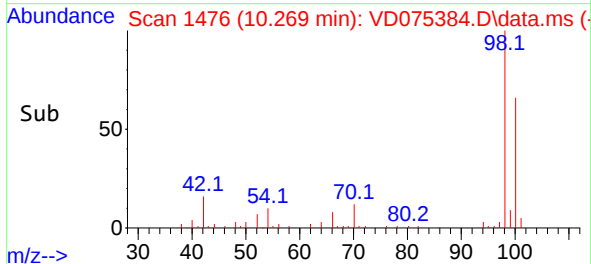
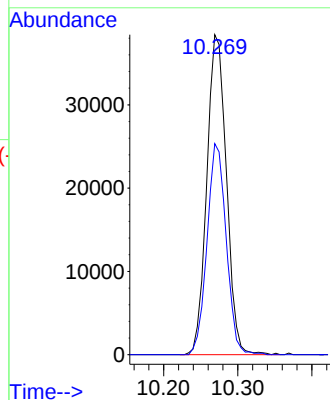
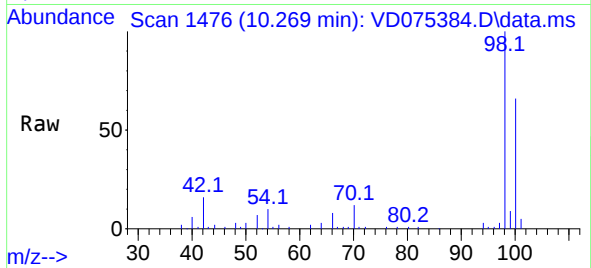




#50
Toluene-d8
Concen: 41.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

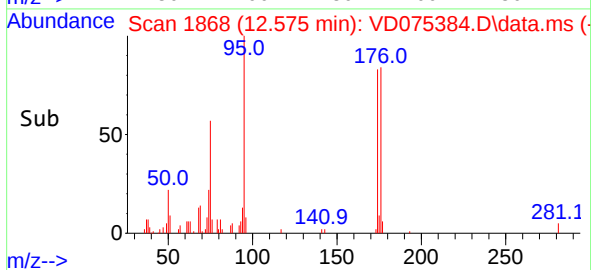
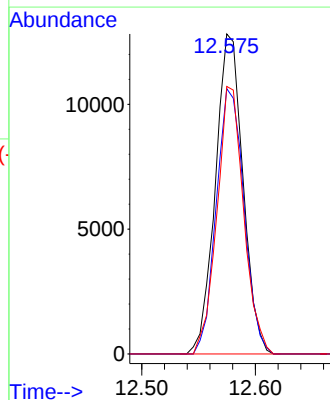
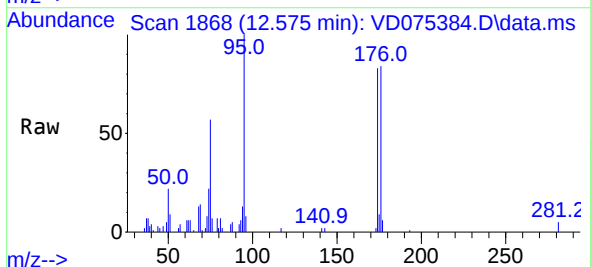
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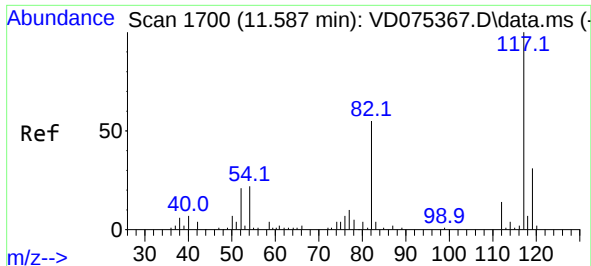
Tgt Ion: 98 Resp: 70737
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.415 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion: 95 Resp: 21586
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 81.1 0.0 156.8

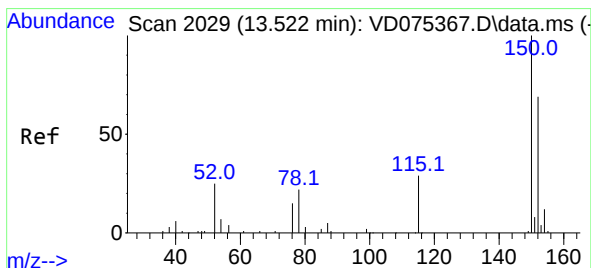
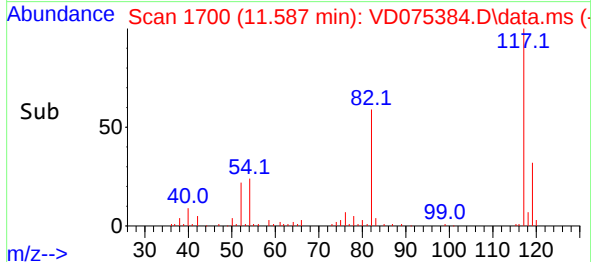
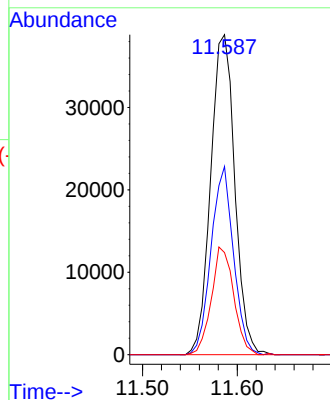
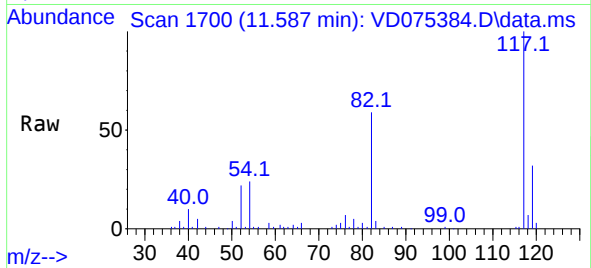




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

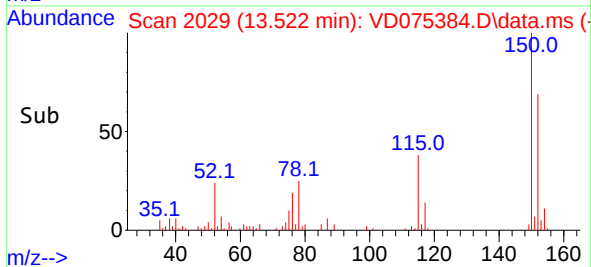
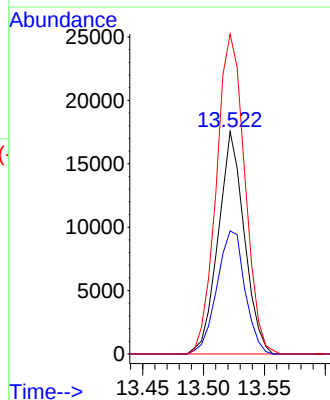
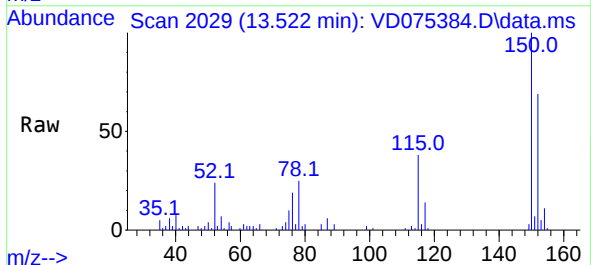
Instrument :
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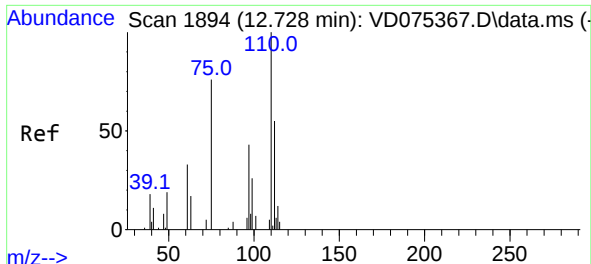
Tgt Ion:117 Resp: 68642
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion:152 Resp: 26146
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.3
150 156.5 0.0 364.8

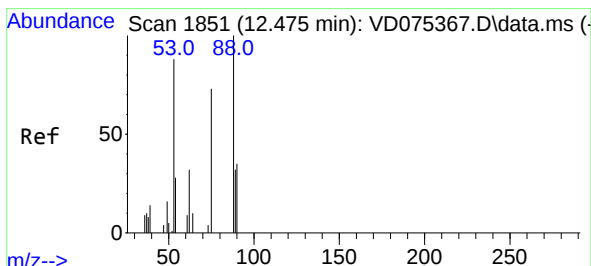
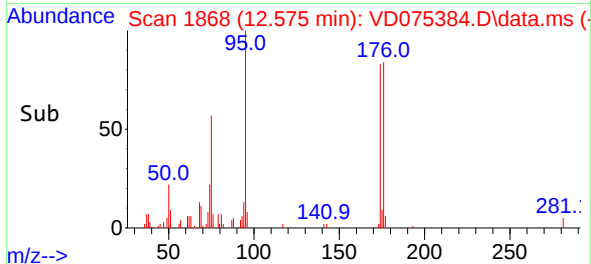
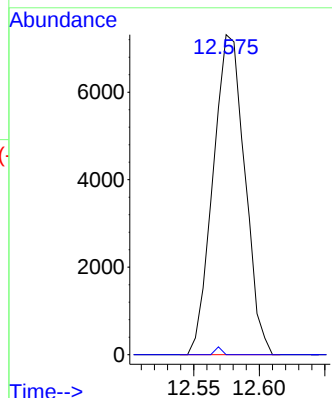
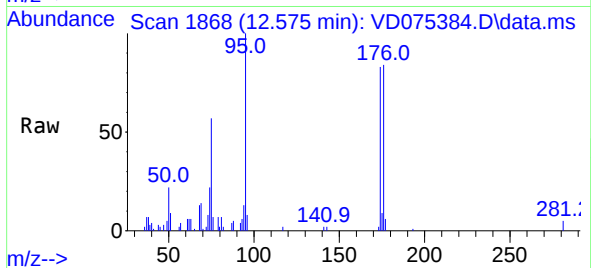




#76
1,2,3-Trichloropropane
Concen: 62.602 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-838-840

Tgt Ion: 75 Resp: 12319
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.943 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075384.D
Acq: 21 Feb 2023 16:50

Tgt Ion: 75 Resp: 12319
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

