

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075234.D
 Acq On : 30 Jan 2023 13:29
 Operator : KP/SY
 Sample : 01348-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-H5(32-34)

Quant Time: Jan 31 00:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

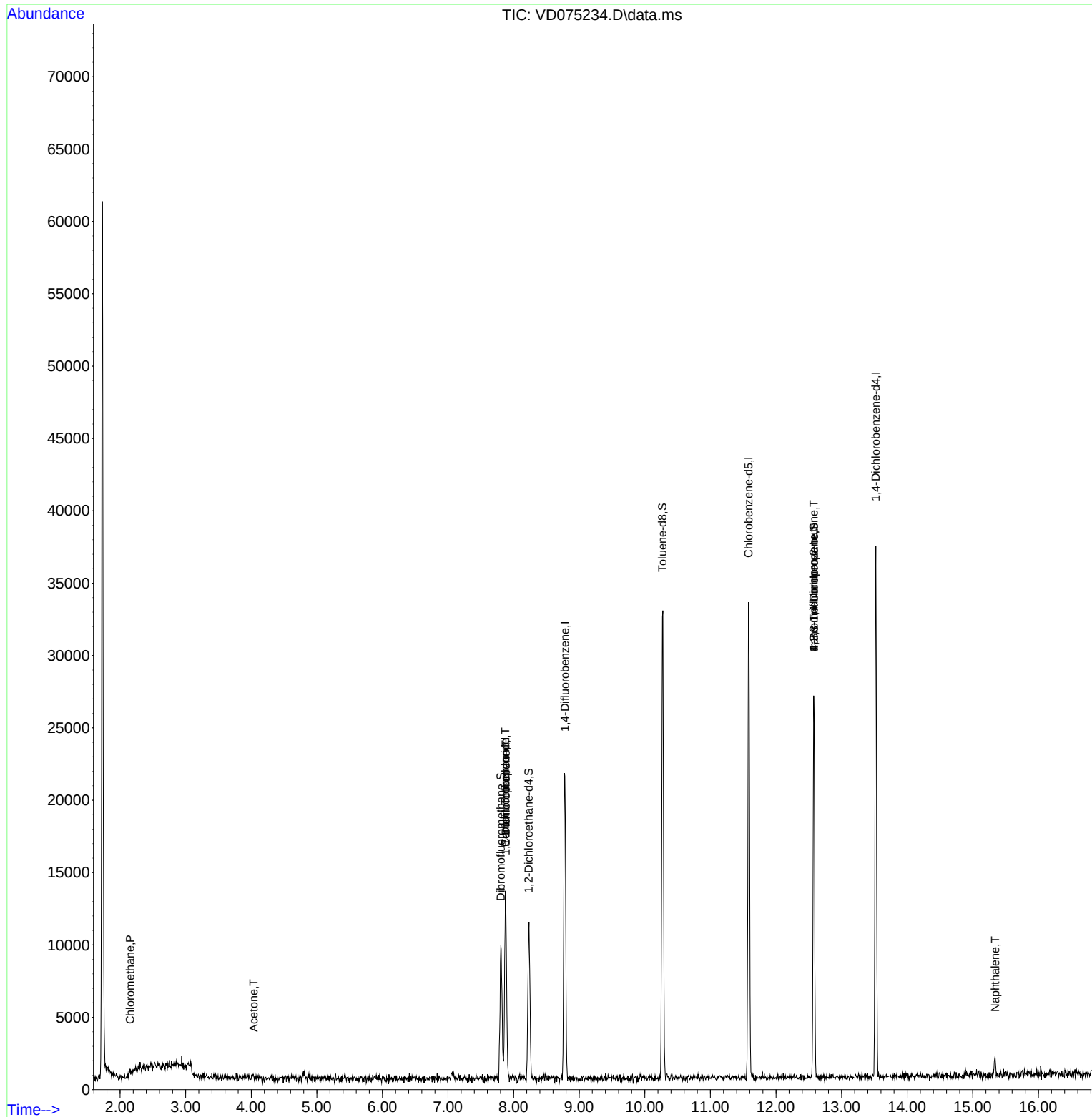
Internal Standards						
1) Pentafluorobenzene	7.875	168	10384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	19008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8576	80.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.880%	
35) Dibromofluoromethane	7.805	113	6673	58.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.269	98	23069	51.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.575	95	8376	58.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.720%	
Target Compounds						Qvalue
3) Chloromethane	2.152	50	153	1.141	ug/l #	41
16) Acetone	4.034	43	424	15.172	ug/l #	42
20) Methylene Chloride	4.787	84	245	Below Cal	#	6
36) 1,1-Dichloropropene	7.881	75	915	4.958	ug/l #	41
38) Carbon Tetrachloride	7.875	117	942	6.063	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	4479	54.286	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	4479	125.920	ug/l #	14
95) Naphthalene	15.339	128	1918	5.033	ug/l #	73

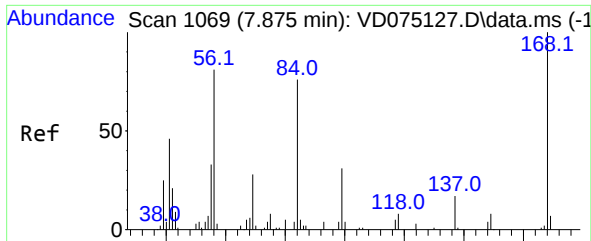
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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N-H5(32-34)

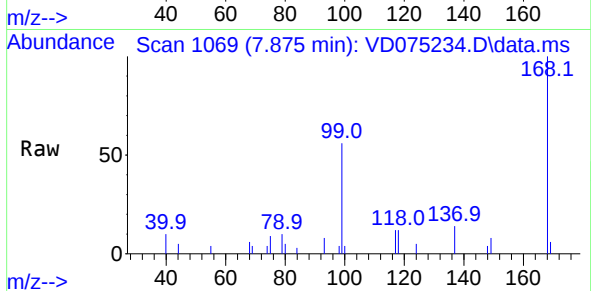
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



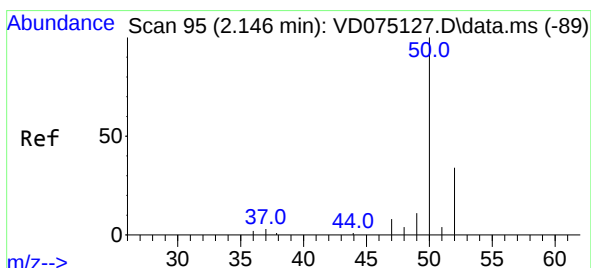
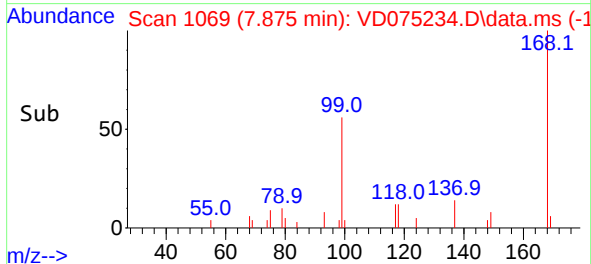
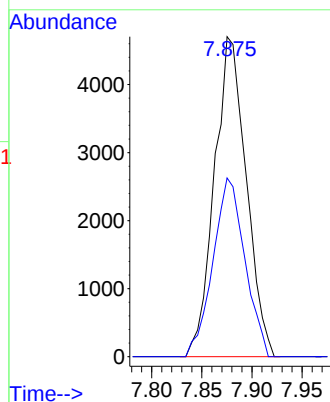


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

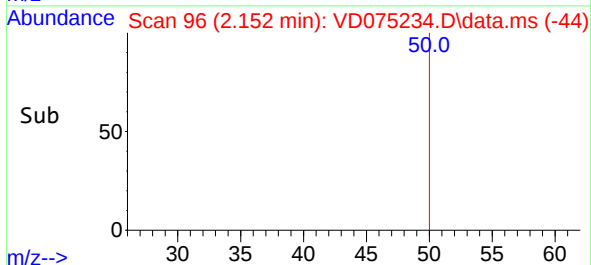
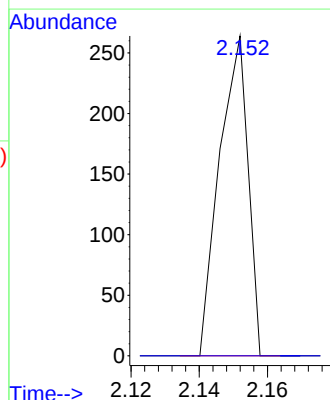
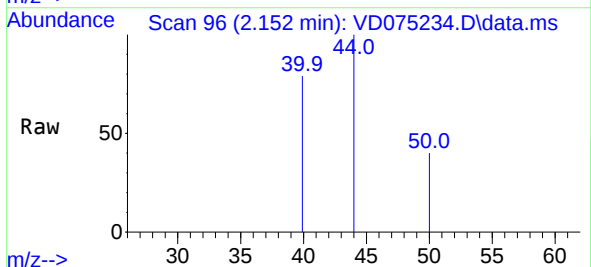


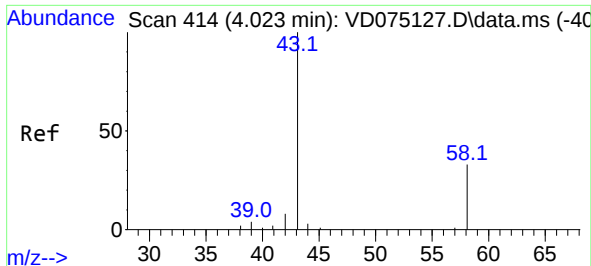
Tgt Ion:168 Resp: 10384
Ion Ratio Lower Upper
168 100
99 55.8 45.2 67.8



#3
Chloromethane
Concen: 1.141 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 50 Resp: 153
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

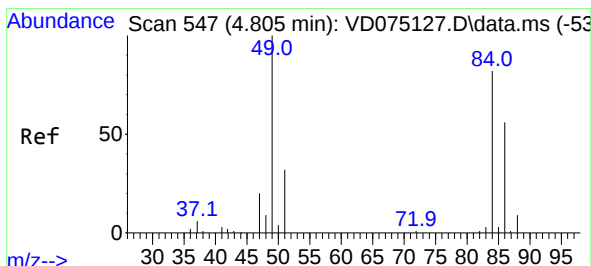
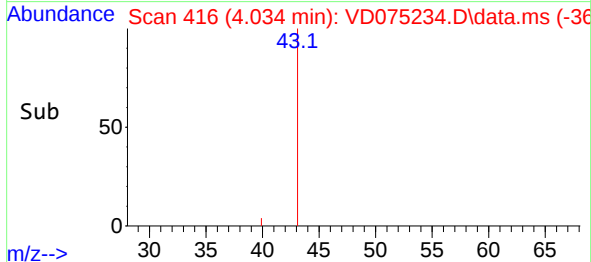
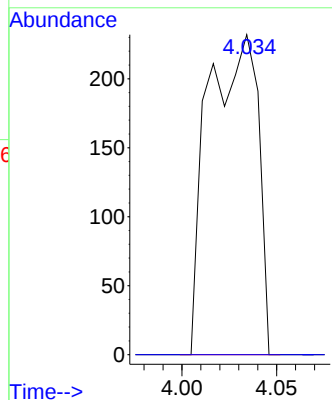
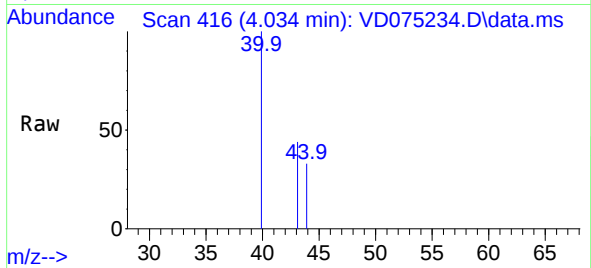




#16
Acetone
Concen: 15.172 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

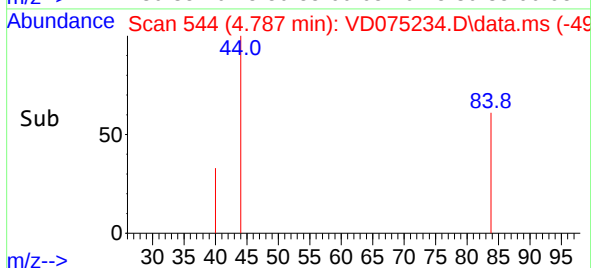
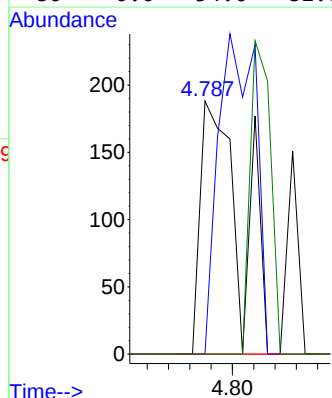
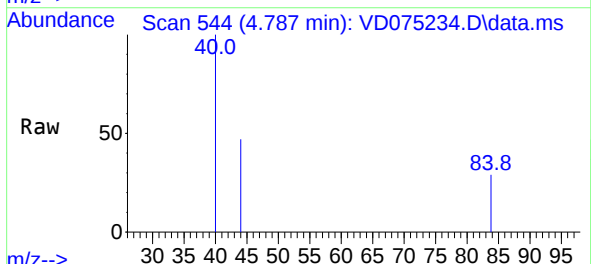
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

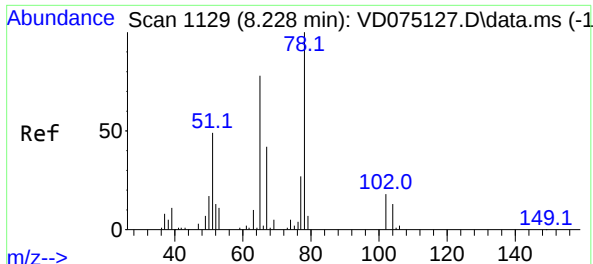
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.018 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 84 Resp: 245
Ion Ratio Lower Upper
84 100
49 0.0 97.0 145.6#
51 0.0 30.9 46.3#
86 0.0 54.0 81.0#

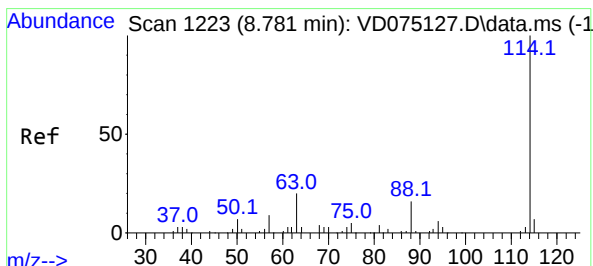
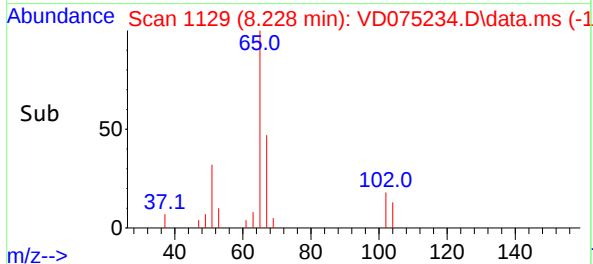
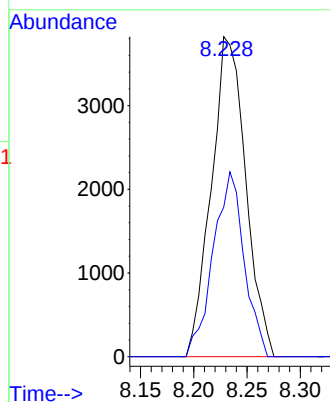
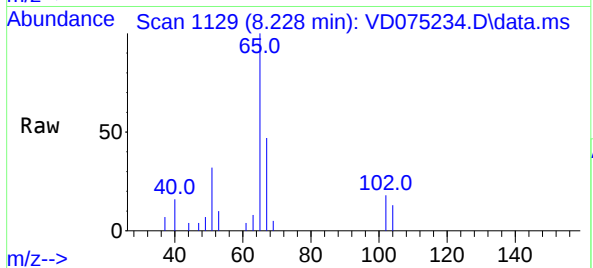




#33
1,2-Dichloroethane-d4
Concen: 80.936 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

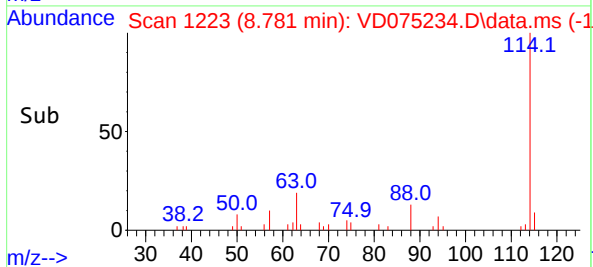
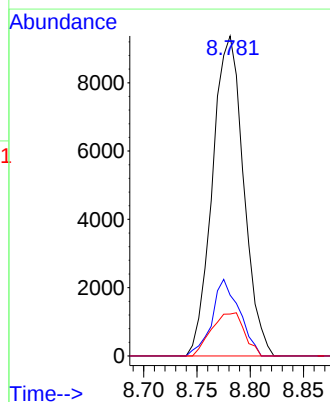
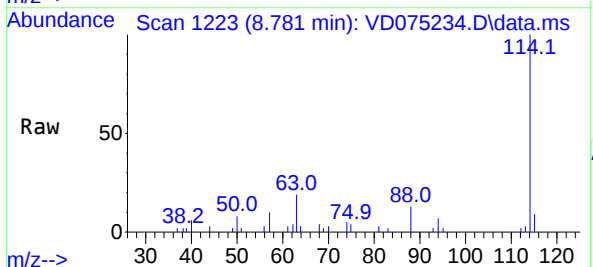
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

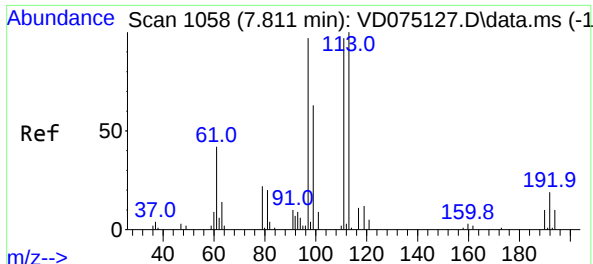
Tgt Ion: 65 Resp: 8576
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 114 Resp: 19008
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.2
88 13.1 0.0 32.2



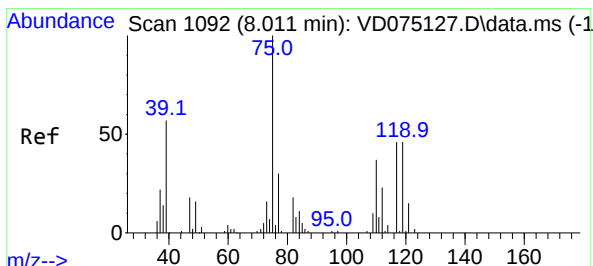
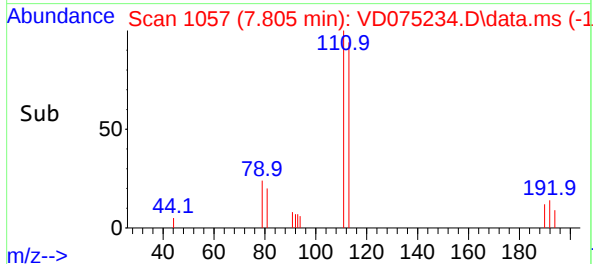
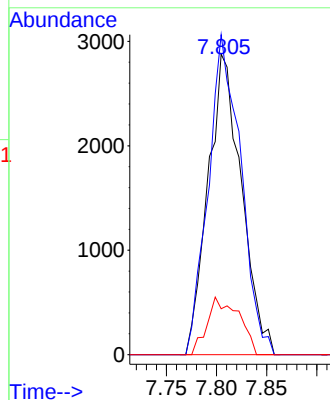
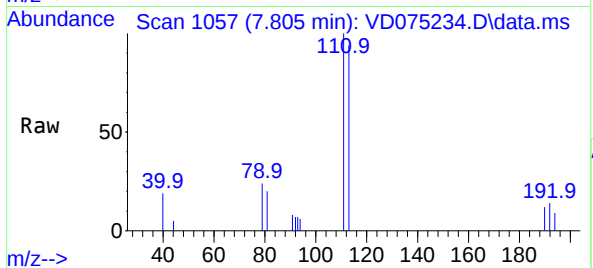


#35
Dibromofluoromethane
Concen: 58.097 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

Tgt Ion:113 Resp: 6673

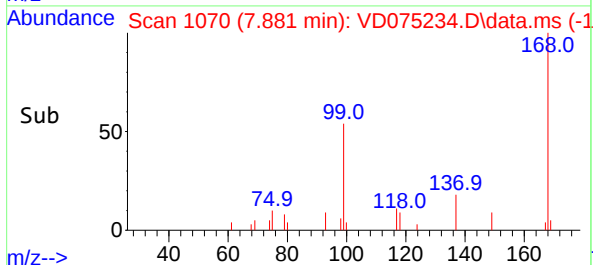
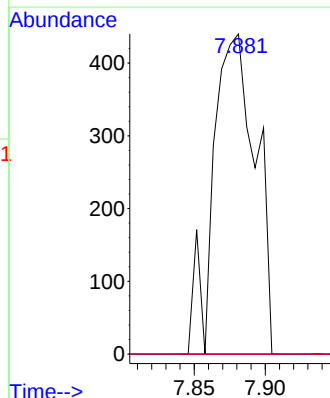
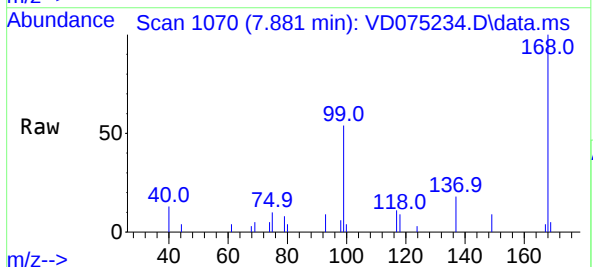
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.1	120.1
192	18.2	15.4	23.0

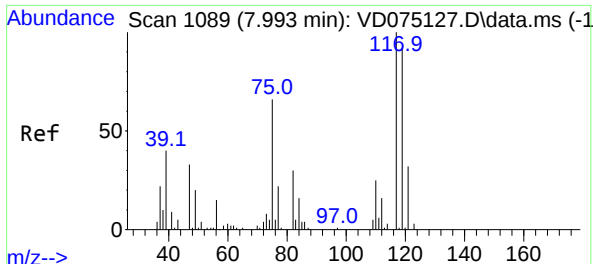


#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 75 Resp: 915

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.1	37.7#

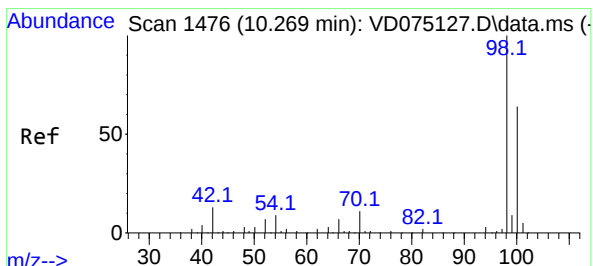
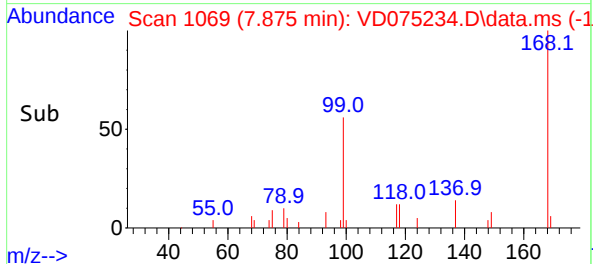
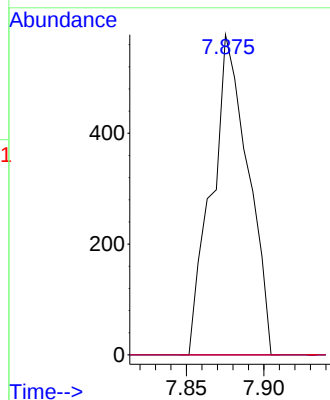
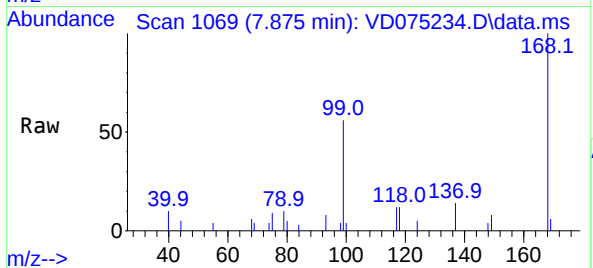




#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

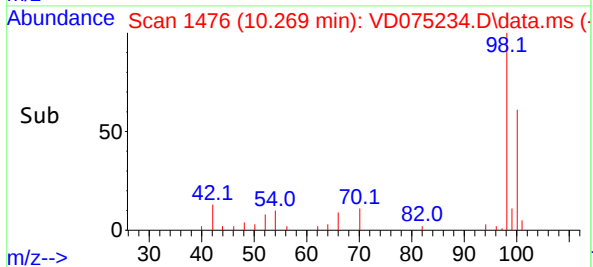
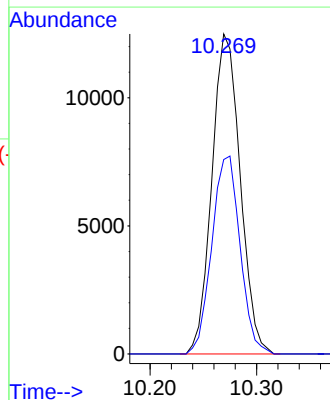
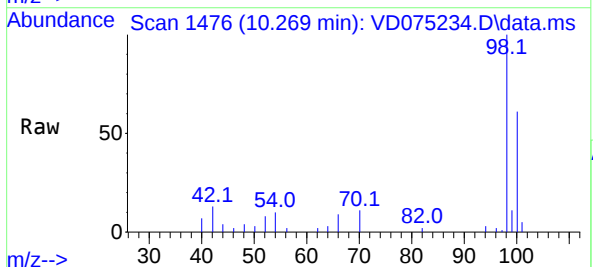
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

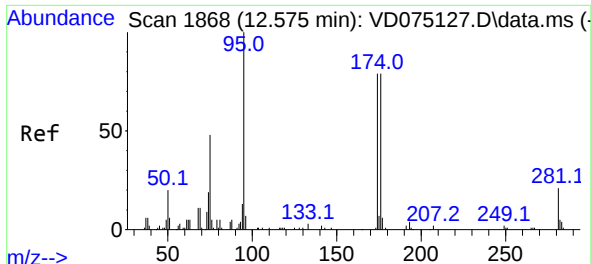
Tgt Ion:117 Resp: 942
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 98 Resp: 23069
Ion Ratio Lower Upper
98 100
100 61.7 52.7 79.1

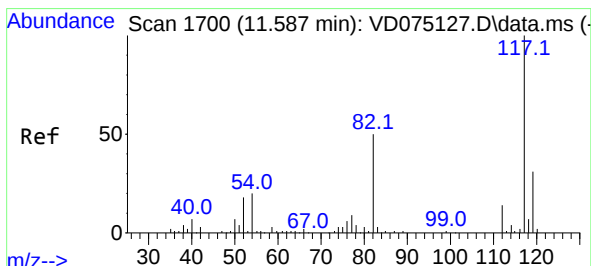
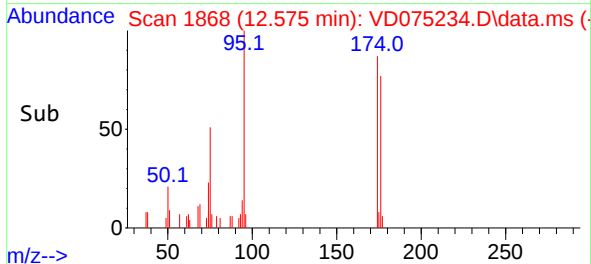
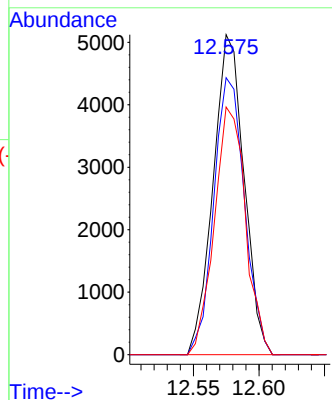
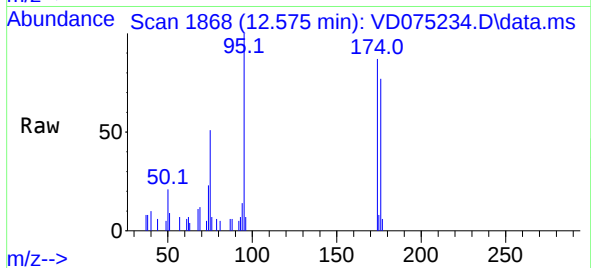




#62
4-Bromofluorobenzene
Concen: 58.358 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

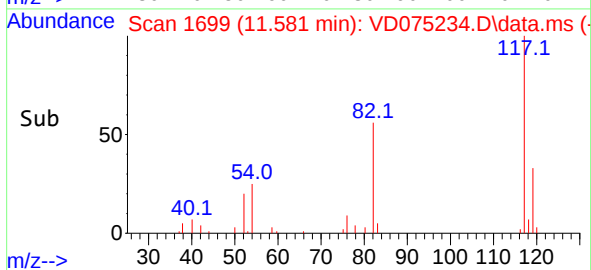
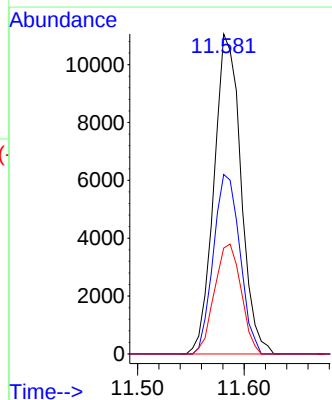
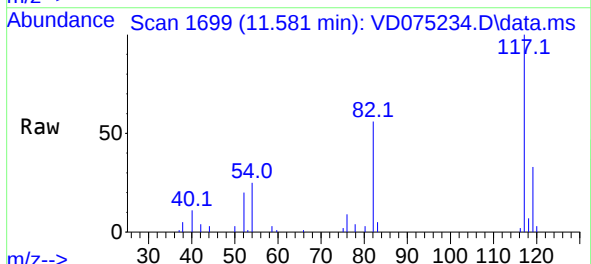
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N-H5(32-34)

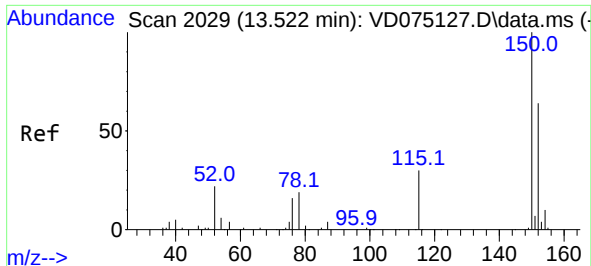
Tgt Ion:	95	Resp:	8376
Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	161.2
176	78.1	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion:	117	Resp:	19382
Ion	Ratio	Lower	Upper
117	100		
82	56.1	39.6	59.4
119	33.1	24.6	37.0

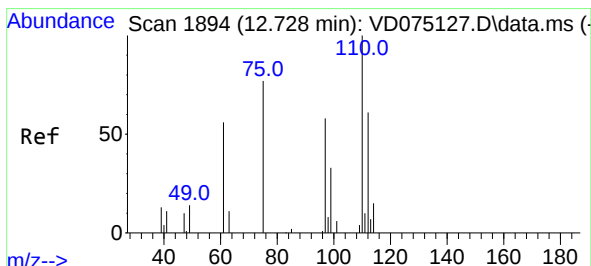
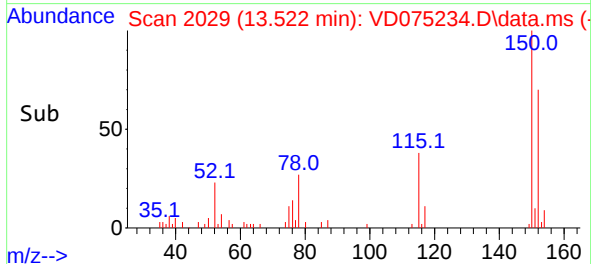
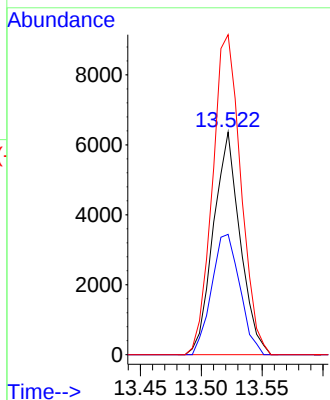
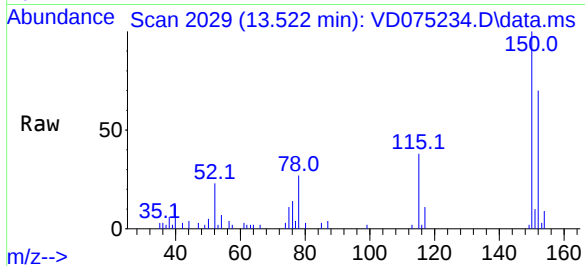




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

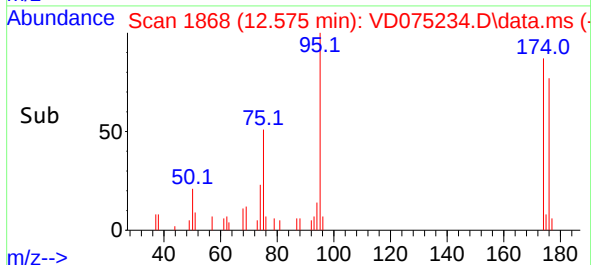
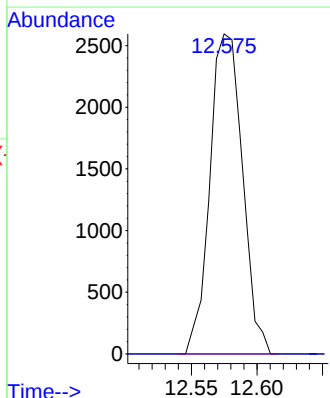
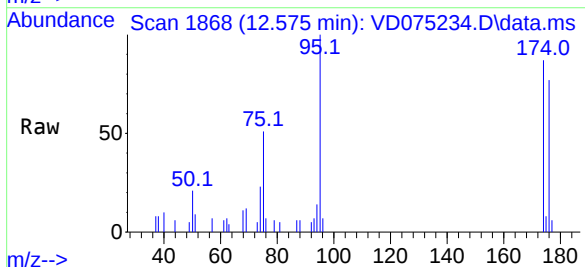
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

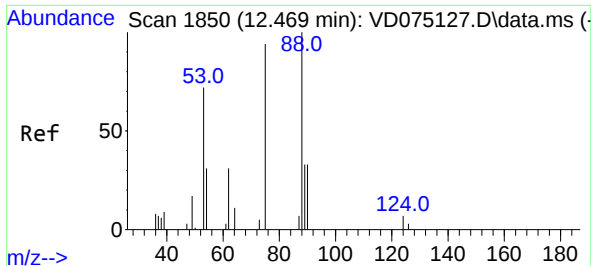
Tgt Ion:152 Resp: 9742
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.4
150 152.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 54.286 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion: 75 Resp: 4479
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

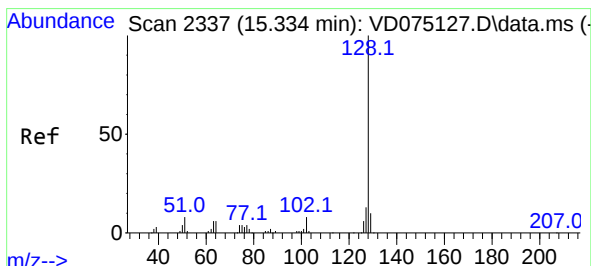
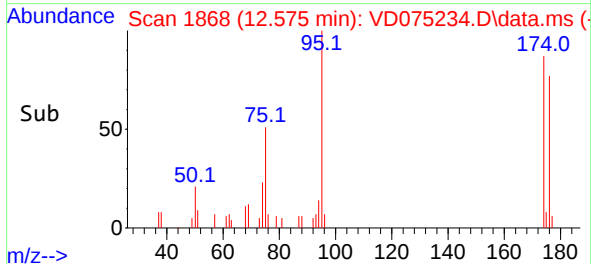
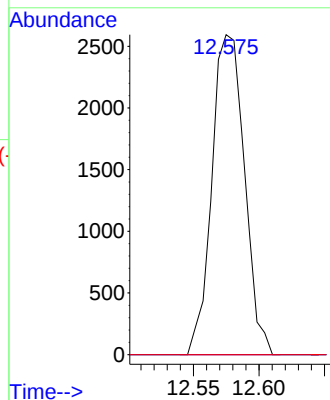
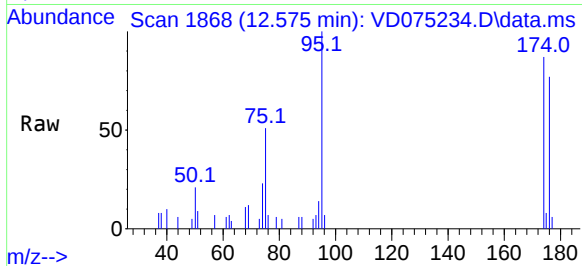




#81
trans-1,4-Dichloro-2-butene
Concen: 125.920 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

Tgt Ion: 75 Resp: 4479
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 5.033 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075234.D
Acq: 30 Jan 2023 13:29

Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
127 2.9 10.6 15.8#
129 0.0 8.7 13.1#

