

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075242.D
 Acq On : 30 Jan 2023 17:11
 Operator : KP/SY
 Sample : 01348-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 31 00:23:00 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)

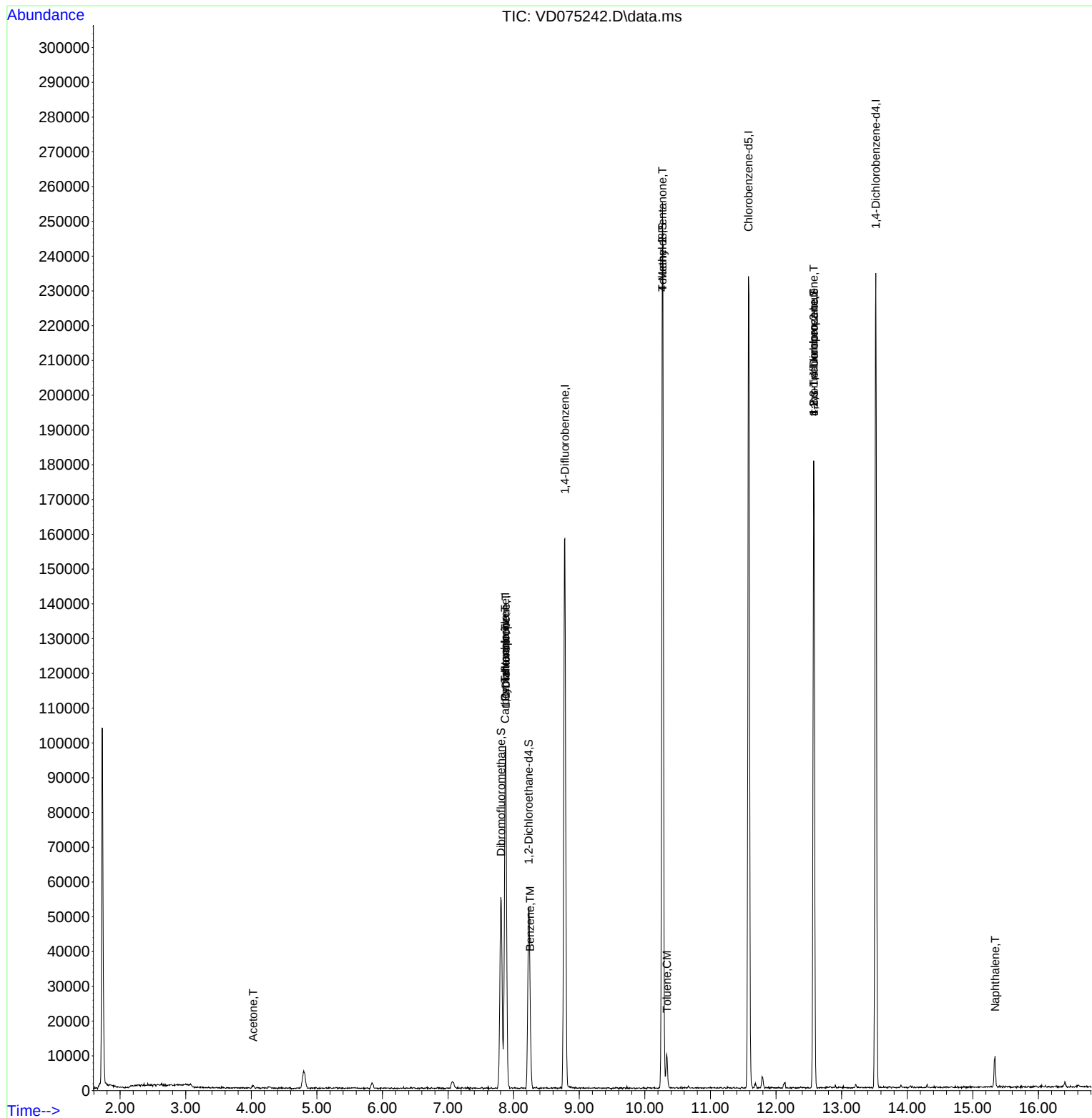
Internal Standards						
1) Pentafluorobenzene	7.875	168	75792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39582	51.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.360%			
35) Dibromofluoromethane	7.810	113	40006	47.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.620%			
50) Toluene-d8	10.269	98	171602	51.537	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.575	95	55451	52.473	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.940%			
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1001	4.907	ug/l #	82
20) Methylene Chloride	4.799	84	3895	Below Cal	#	86
31) Cyclohexane	7.875	56	1892	1.220	ug/l #	22
36) 1,1-Dichloropropene	7.881	75	6201	4.564	ug/l #	48
38) Carbon Tetrachloride	7.869	117	7767	6.789	ug/l #	19
40) Benzene	8.252	78	6702	1.730	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	852	1.666	ug/l #	1
52) Toluene	10.340	92	4234	1.729	ug/l	97
76) 1,2,3-Trichloropropane	12.575	75	30932	60.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30932	140.005	ug/l #	14
95) Naphthalene	15.339	128	8342	3.525	ug/l	99

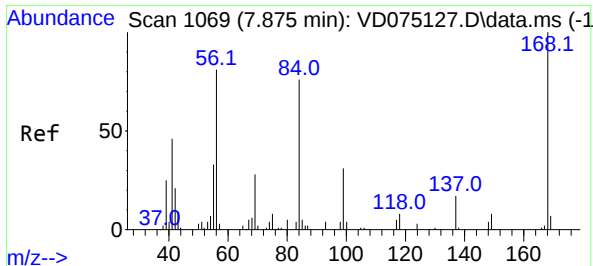
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 00:23:00 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

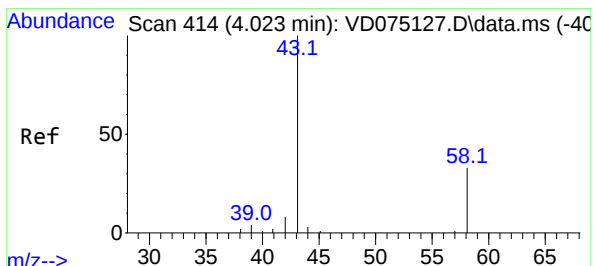
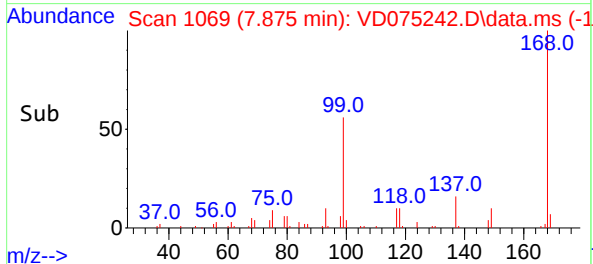
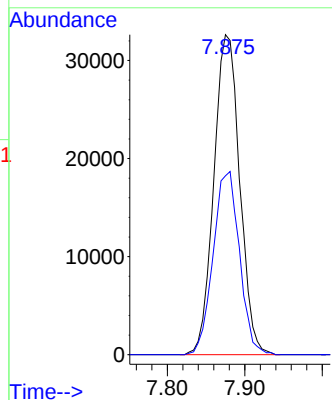
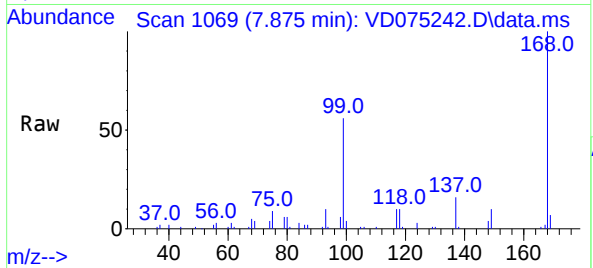




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

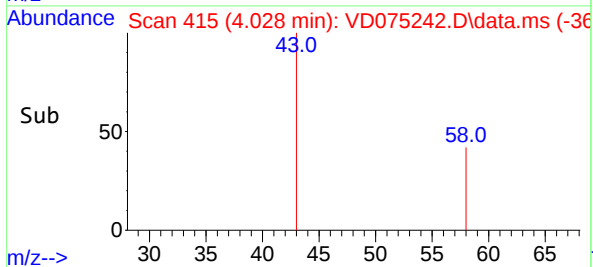
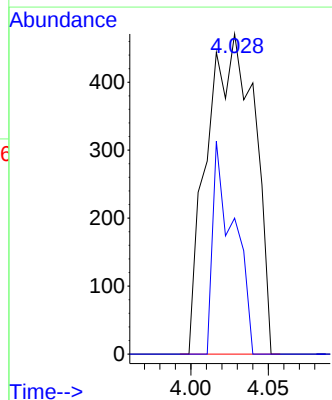
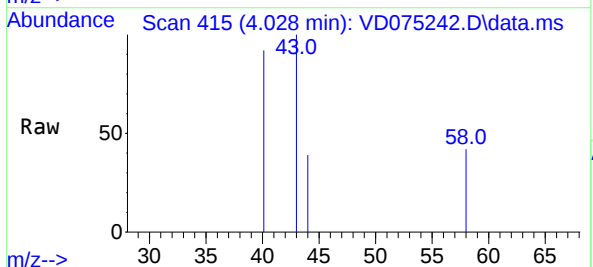
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

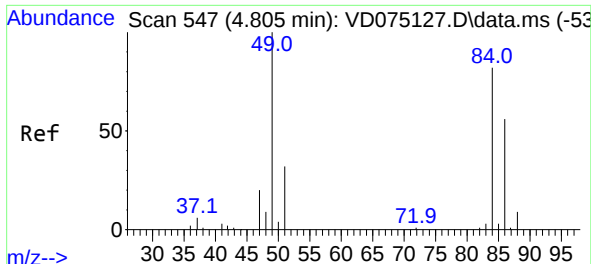
Tgt Ion:168 Resp: 75792
Ion Ratio Lower Upper
168 100
99 55.9 45.2 67.8



#16
Acetone
Concen: 4.907 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 42.5 26.0 39.0#

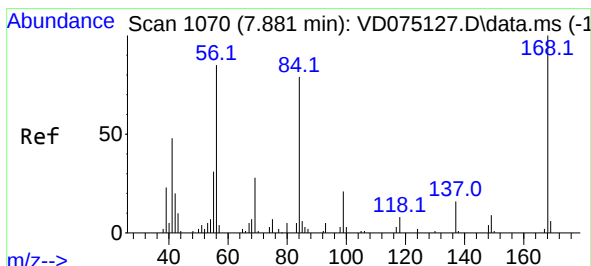
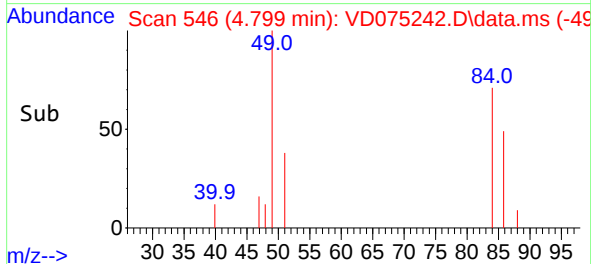
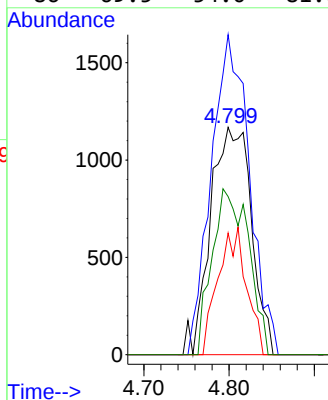
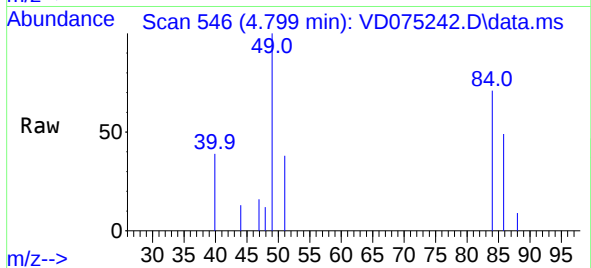




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

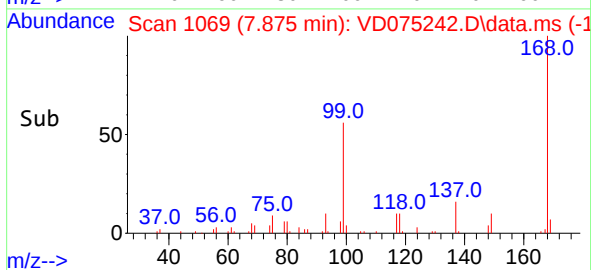
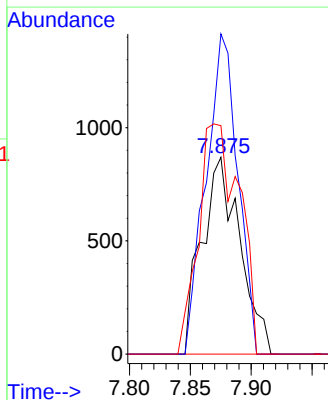
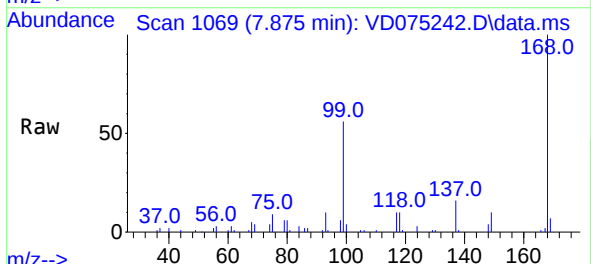
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

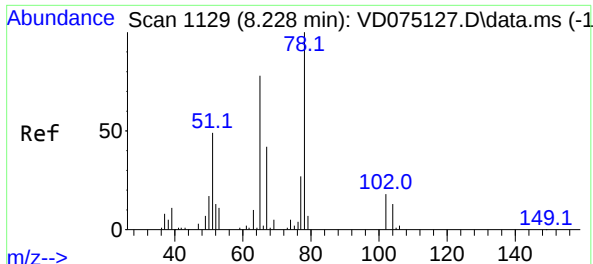
Tgt Ion:	84	Resp:	3895
Ion	Ratio	Lower	Upper
84	100		
49	140.8	97.0	145.6
51	53.5	30.9	46.3#
86	69.5	54.0	81.0



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion:	56	Resp:	1892
Ion	Ratio	Lower	Upper
56	100		
69	162.7	26.6	40.0#
84	116.1	74.1	111.1#

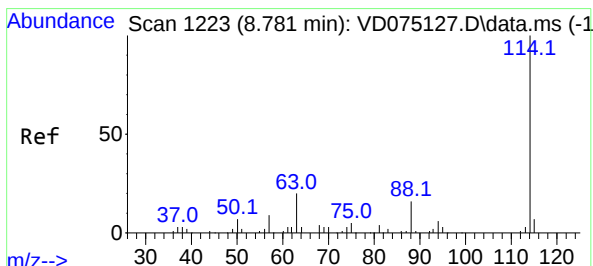
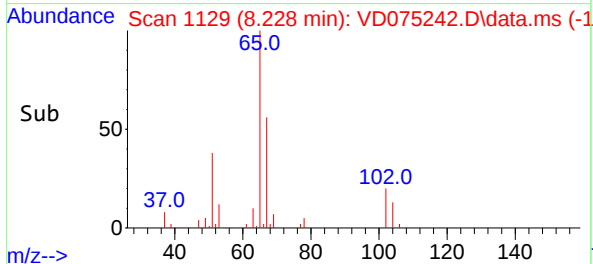
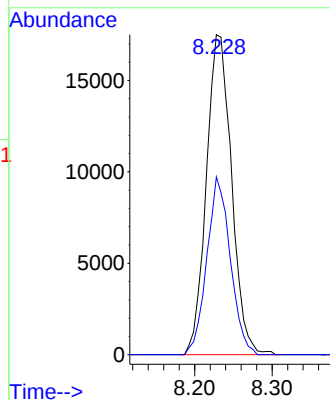
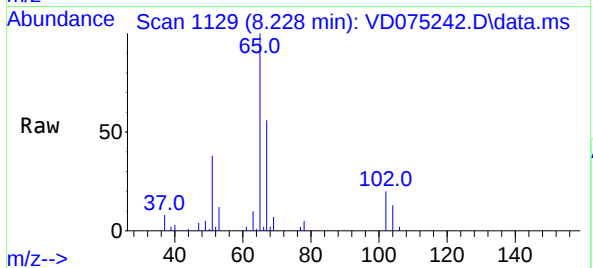




#33
1,2-Dichloroethane-d4
Concen: 51.179 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

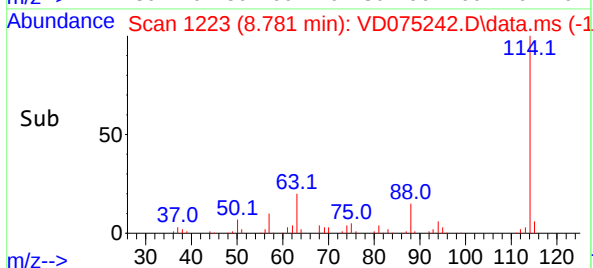
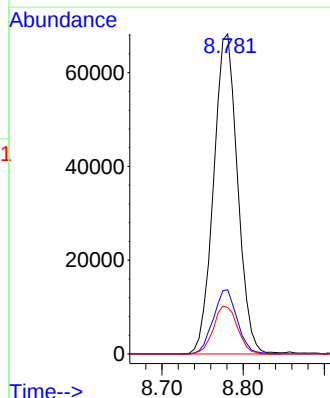
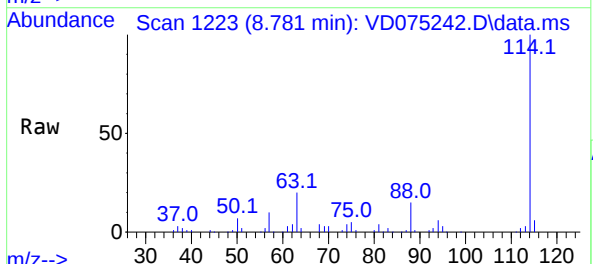
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

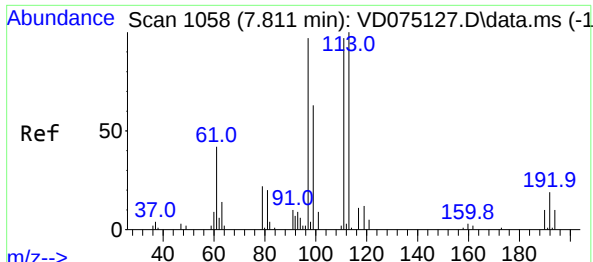
Tgt Ion: 65 Resp: 39582
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion:114 Resp: 139948
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 14.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.810 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

Instrument :

MSVOA_D

ClientSampleId :

N-H5(32-34)

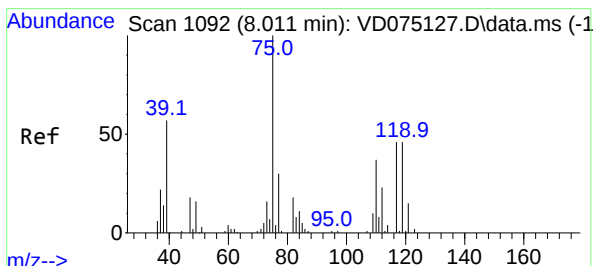
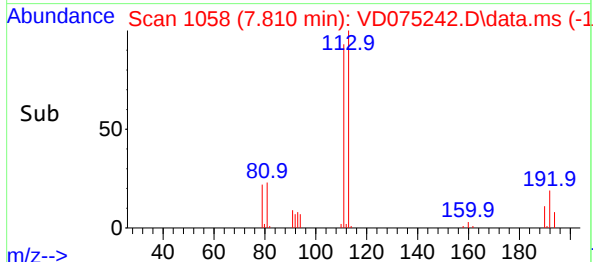
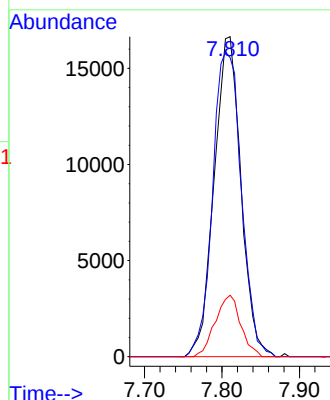
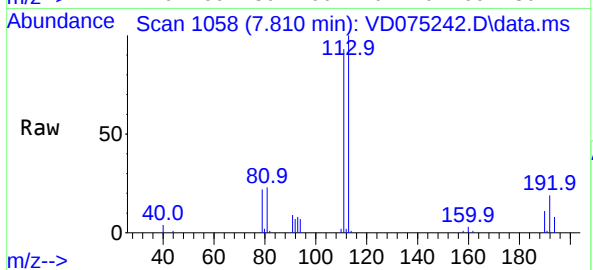
Tgt Ion:113 Resp: 40006

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075242.D

Acq: 30 Jan 2023 17:11

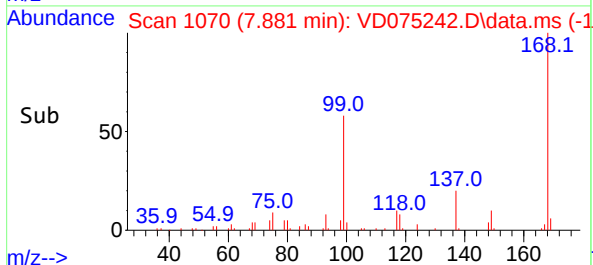
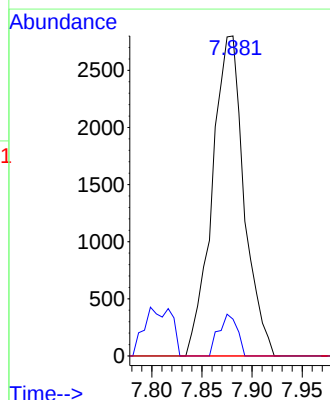
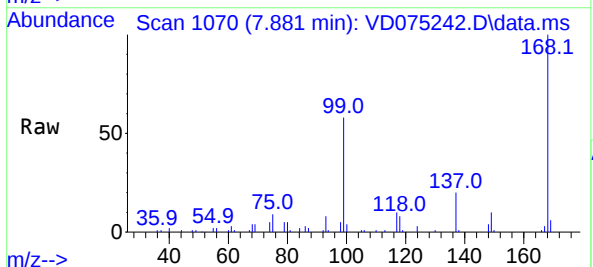
Tgt Ion: 75 Resp: 6201

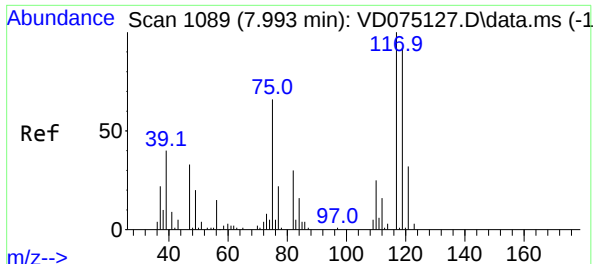
Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

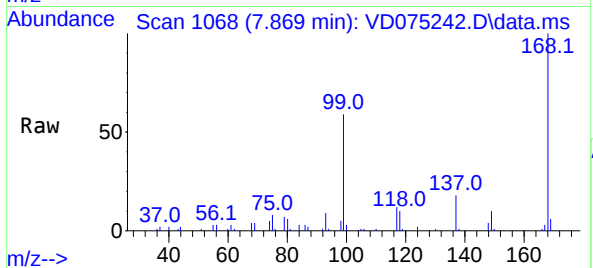
77 0.0 25.1 37.7#



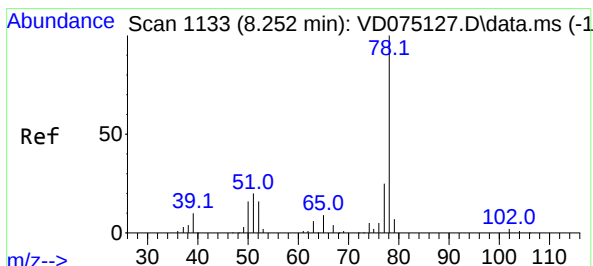
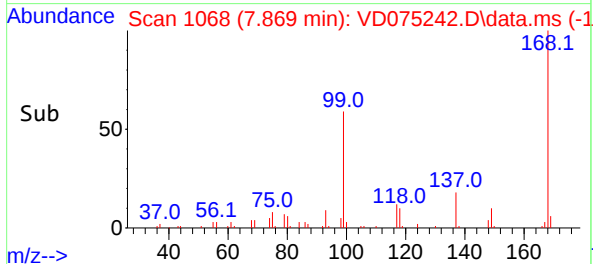
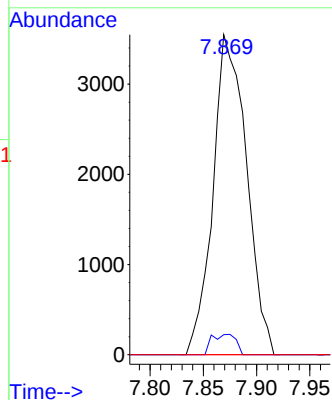


#38
Carbon Tetrachloride
Concen: 6.789 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

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

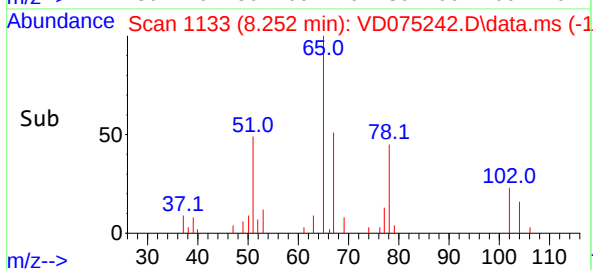
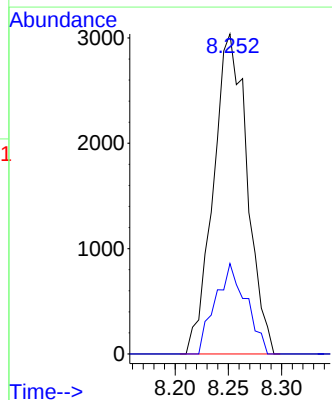
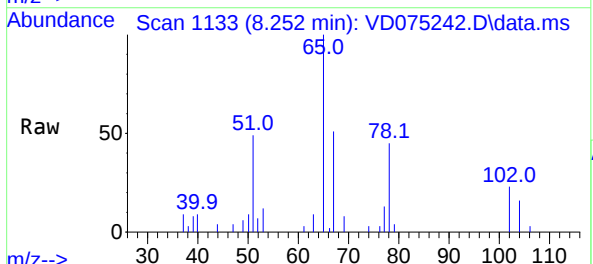


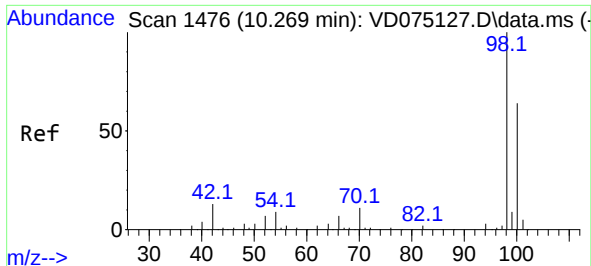
Tgt Ion:117 Resp: 7767
Ion Ratio Lower Upper
117 100
119 6.3 73.6 110.4#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.730 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 78 Resp: 6702
Ion Ratio Lower Upper
78 100
77 28.3 19.8 29.6

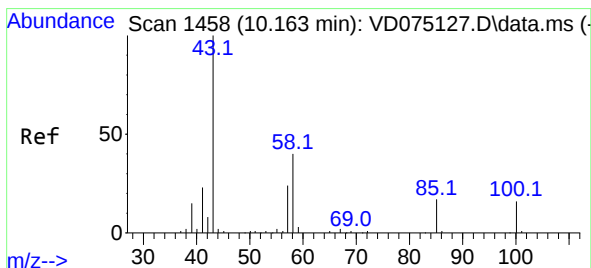
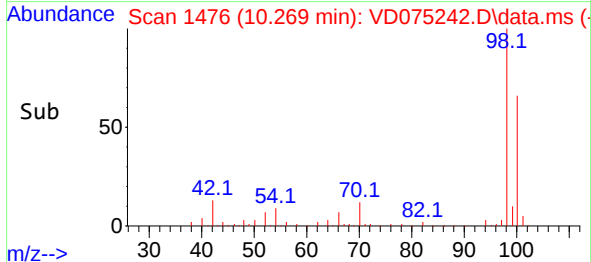
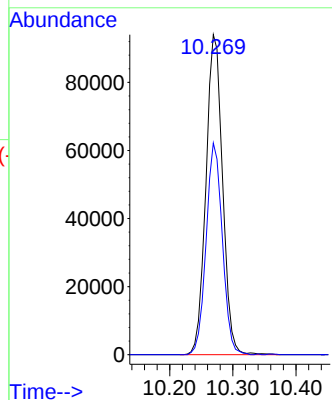
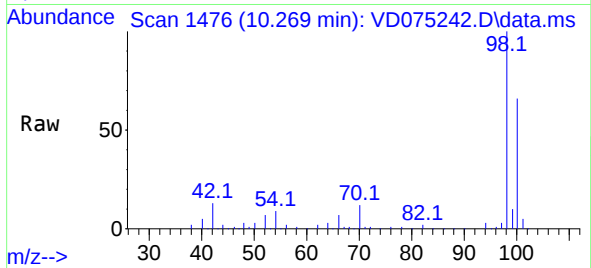




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

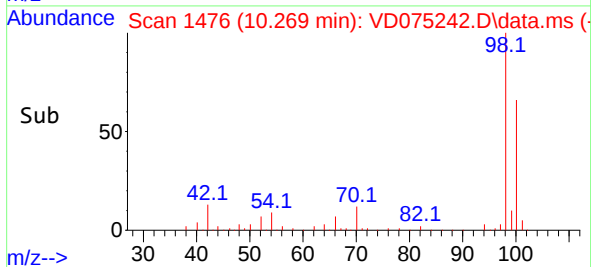
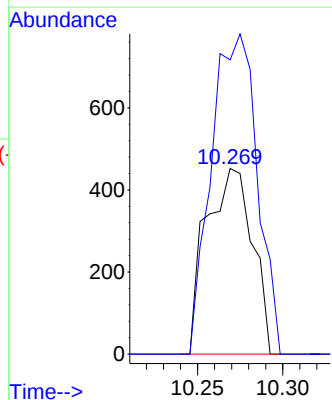
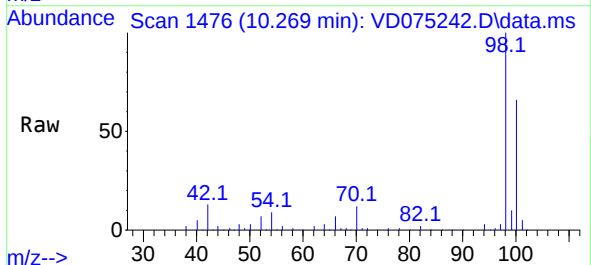
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MSVOA_D
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N-H5(32-34)

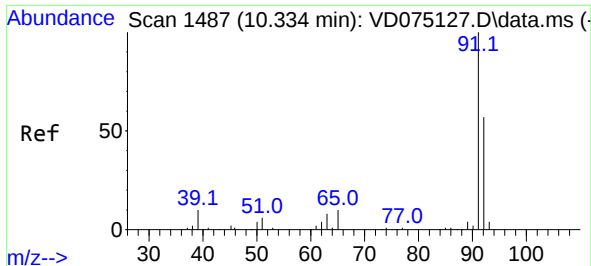
Tgt Ion: 98 Resp: 171602
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.666 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 171.5 31.4 47.0#

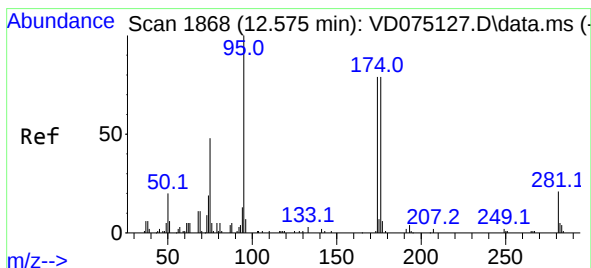
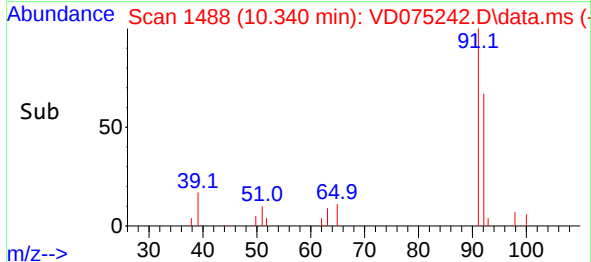
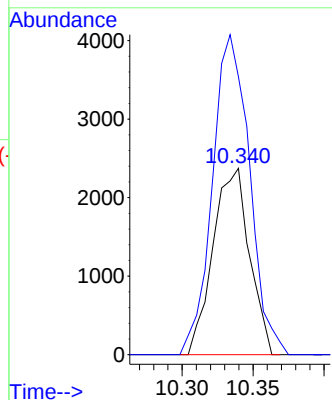
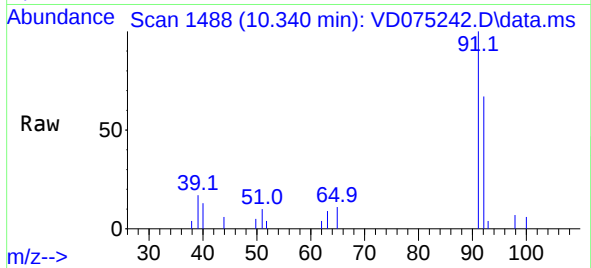




#52
Toluene
Concen: 1.729 ug/l
RT: 10.340 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

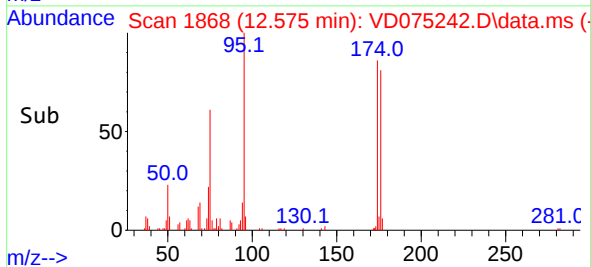
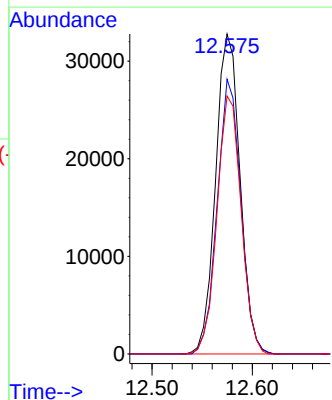
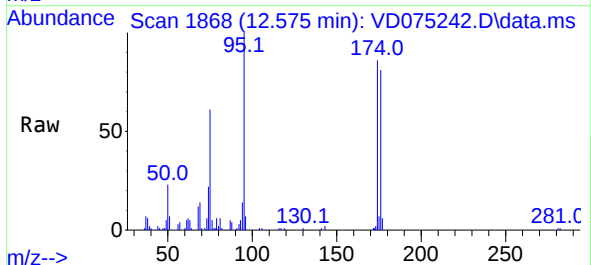
Instrument :
MSVOA_D
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N-H5(32-34)

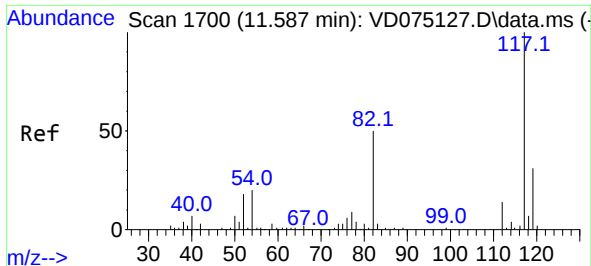
Tgt Ion: 92 Resp: 4234
Ion Ratio Lower Upper
92 100
91 174.9 137.0 205.4



#62
4-Bromofluorobenzene
Concen: 52.473 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion: 95 Resp: 55451
Ion Ratio Lower Upper
95 100
174 83.2 0.0 161.2
176 79.6 0.0 160.2

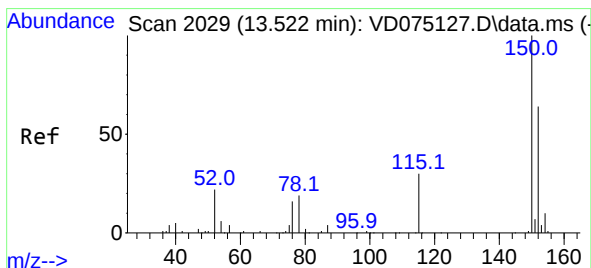
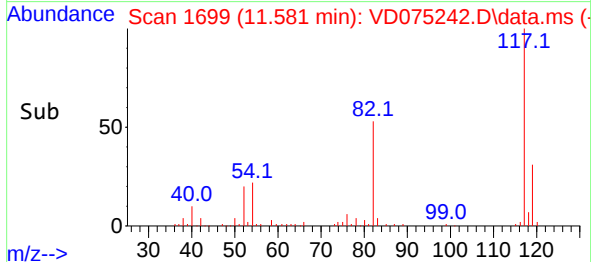
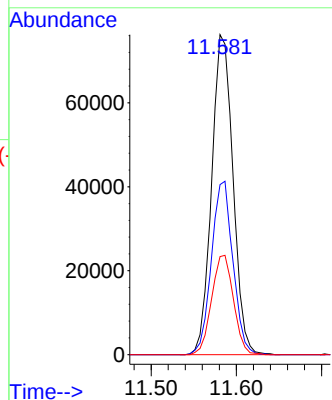
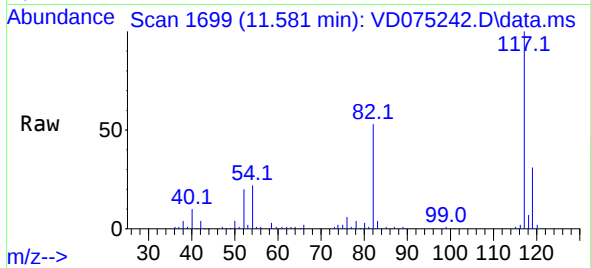




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

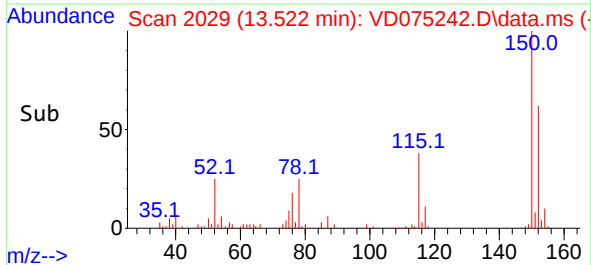
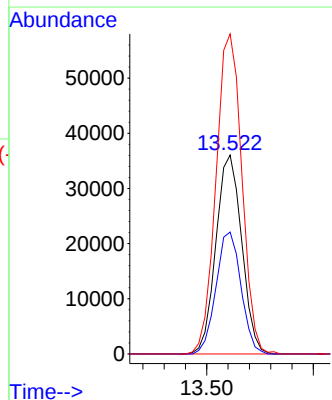
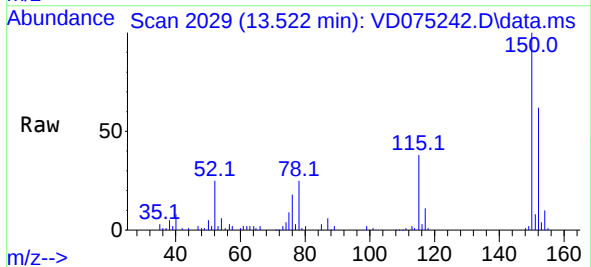
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

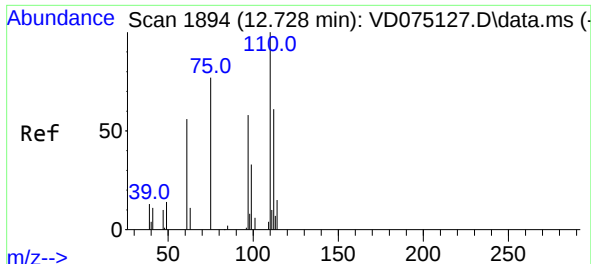
Tgt Ion:117 Resp: 133085
Ion Ratio Lower Upper
117 100
82 53.2 39.6 59.4
119 30.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

Tgt Ion:152 Resp: 60510
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.4
150 161.2 0.0 348.6

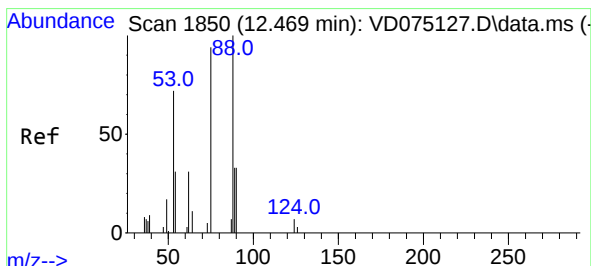
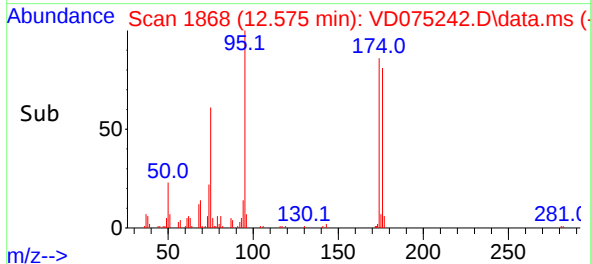
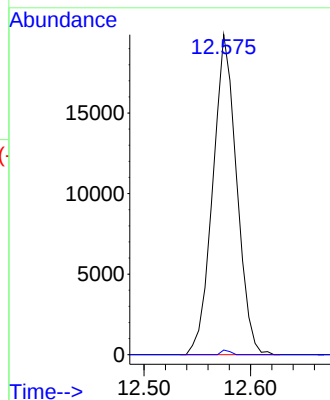
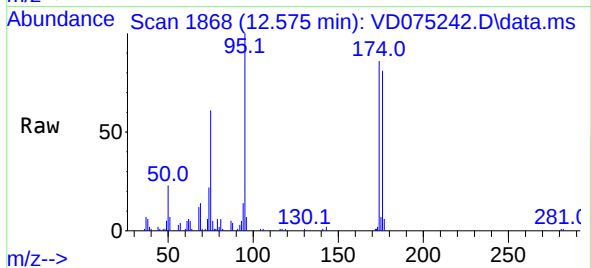




#76
1,2,3-Trichloropropane
Concen: 60.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

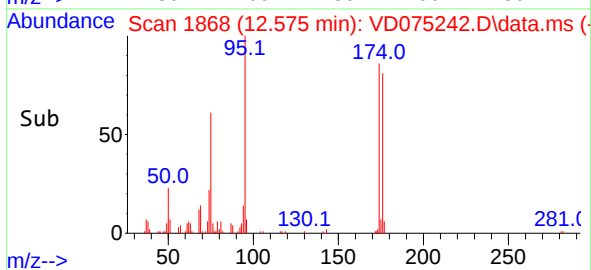
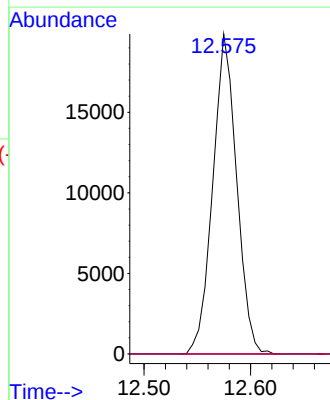
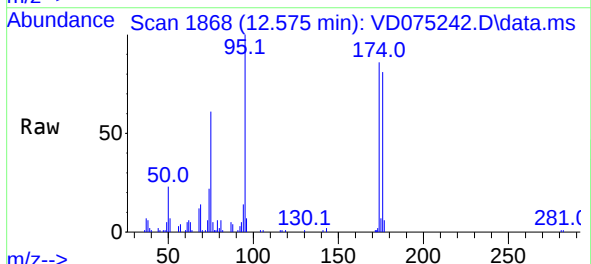
Instrument :
MSVOA_D
ClientSampleId :
N-H5(32-34)

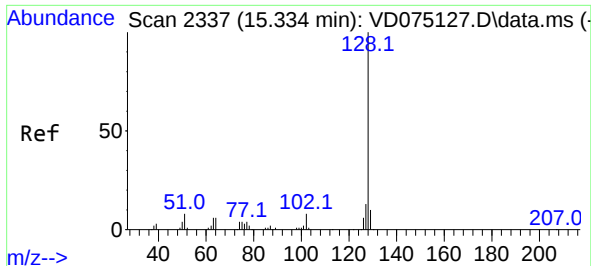
Tgt Ion: 75 Resp: 30932
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.005 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

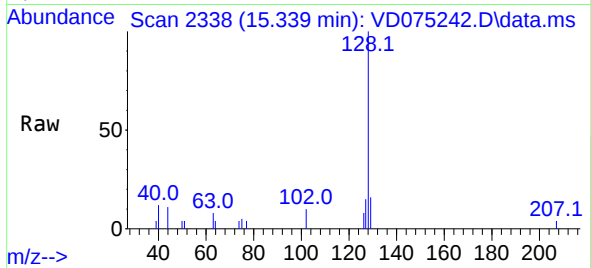
Tgt Ion: 75 Resp: 30932
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#





#95
Naphthalene
Concen: 3.525 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075242.D
Acq: 30 Jan 2023 17:11

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



Tgt Ion:128 Resp: 8342

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.5	8.7	13.1

