

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075164.D
 Acq On : 20 Jan 2023 20:13
 Operator : KP/SY
 Sample : 01240-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923

Quant Time: Jan 23 00:34:46 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)

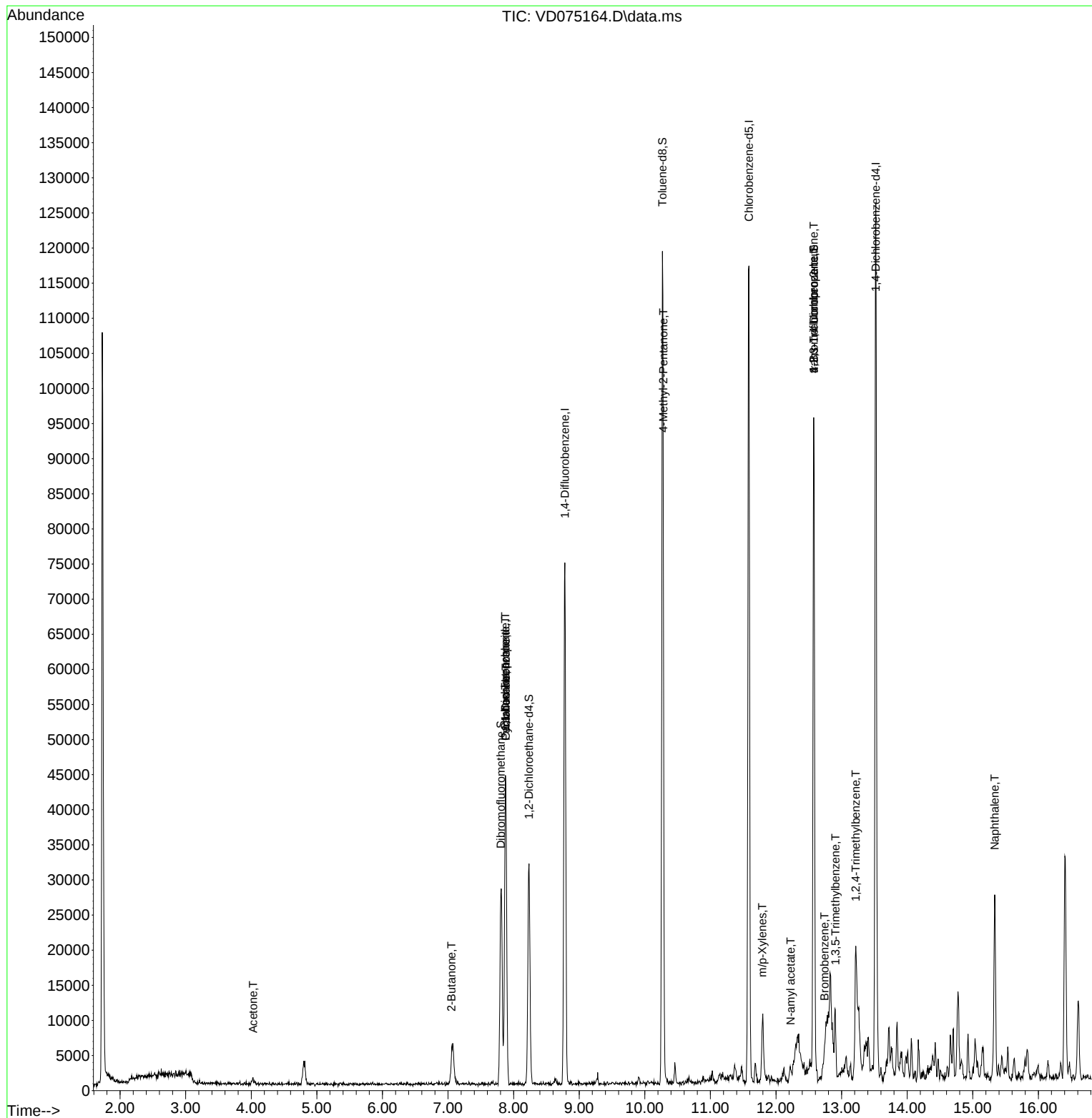
Internal Standards						
1) Pentafluorobenzene	7.881	168	33738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	64955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	67081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	32275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24824	72.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.220%			
35) Dibromofluoromethane	7.805	113	20180	51.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.820%			
50) Toluene-d8	10.269	98	80781	52.271	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.575	95	30324	61.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.660%			
Target Compounds					Qvalue	
16) Acetone	4.028	43	1526	16.806	ug/l #	69
20) Methylene Chloride	4.816	84	2149	Below Cal	#	79
25) 2-Butanone	7.052	43	136	1.239	ug/l #	50
31) Cyclohexane	7.881	56	1038	1.503	ug/l #	15
36) 1,1-Dichloropropene	7.875	75	2950	4.678	ug/l #	43
38) Carbon Tetrachloride	7.875	117	3511	6.612	ug/l #	14
51) 4-Methyl-2-Pentanone	10.281	43	703	2.961	ug/l #	14
68) m/p-Xylenes	11.793	106	2727	2.853	ug/l	86
74) N-amyl acetate	12.222	43	709	1.270	ug/l #	61
76) 1,2,3-Trichloropropane	12.575	75	15951	58.355	ug/l #	100
77) Bromobenzene	12.740	156	3001	5.154	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.904	105	2286	1.094	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.575	75	15951	135.358	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.216	105	8034	3.917	ug/l	95
95) Naphthalene	15.334	128	23689	18.765	ug/l	97

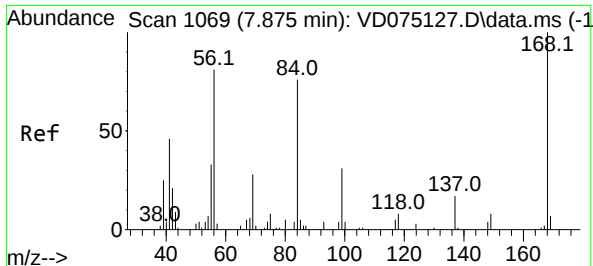
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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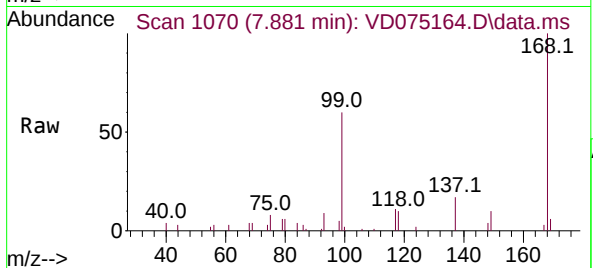
Quant Time: Jan 23 00:34:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
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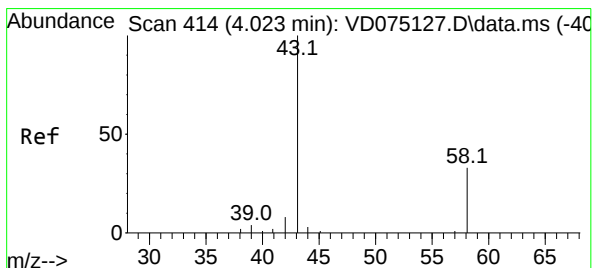
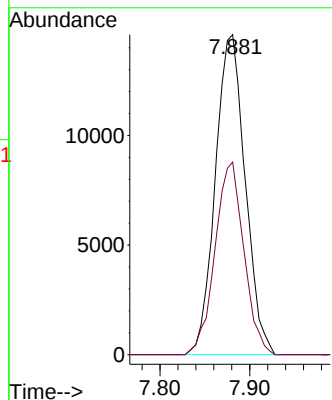
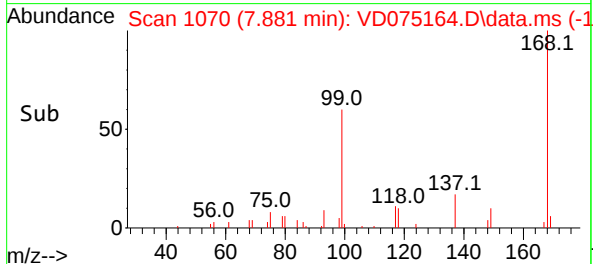


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

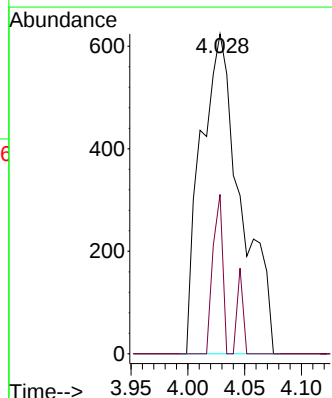
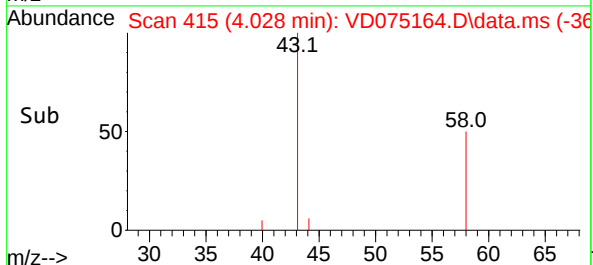
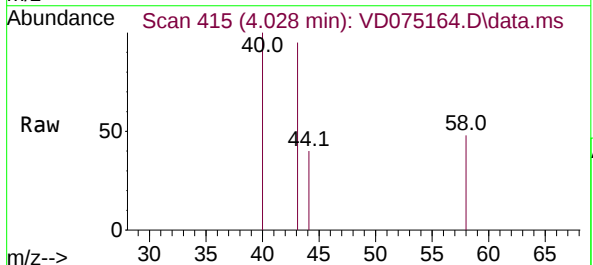


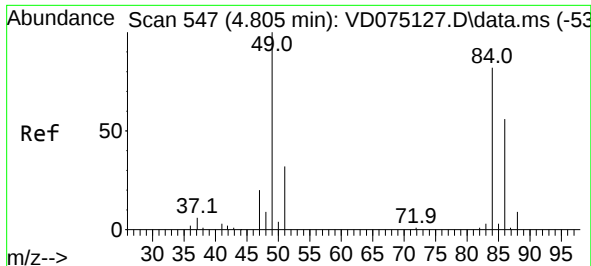
Tgt Ion:168 Resp: 33738
Ion Ratio Lower Upper
168 100
99 60.2 45.2 67.8



#16
Acetone
Concen: 16.806 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

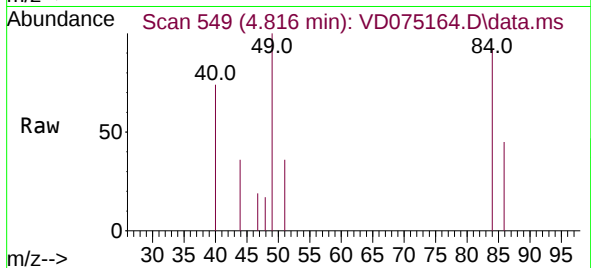
Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 49.8 26.0 39.0#



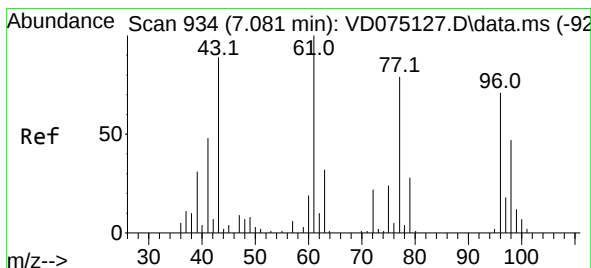
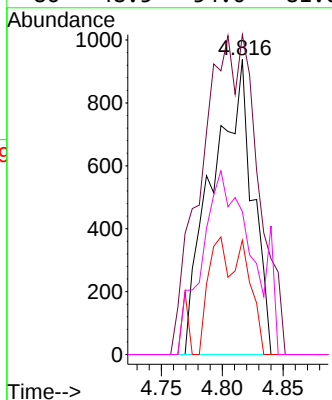
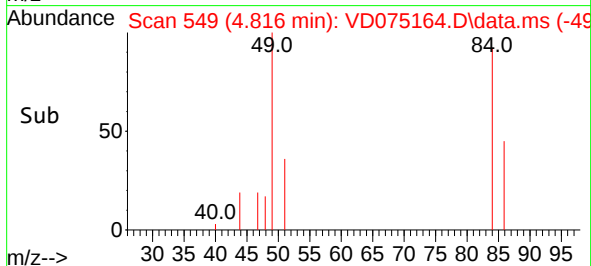


#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

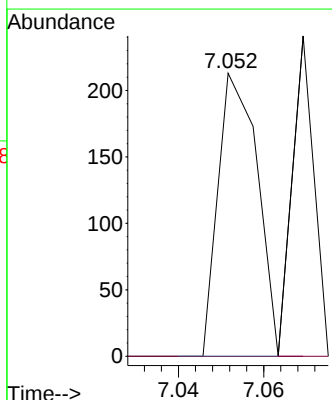
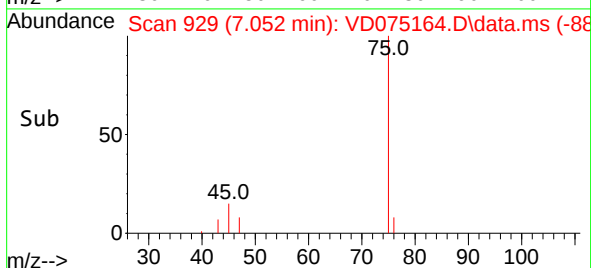
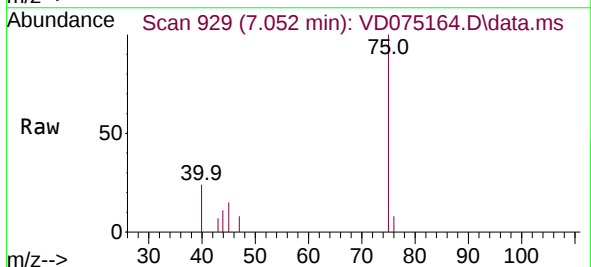


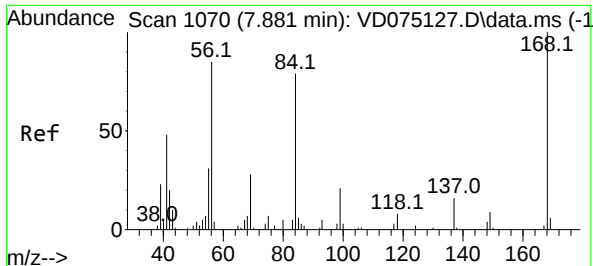
Tgt Ion:	84	Resp:	2149
Ion	Ratio	Lower	Upper
84	100		
49	92.4	97.0	145.6#
51	38.8	30.9	46.3
86	48.5	54.0	81.0#



#25
2-Butanone
Concen: 1.239 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.030 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion:	43	Resp:	136
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#





#31

Cyclohexane

Concen: 1.503 ug/l

RT: 7.881 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075164.D

Acq: 20 Jan 2023 20:13

Instrument :

MSVOA_D

ClientSampleId :

TR-05-011923

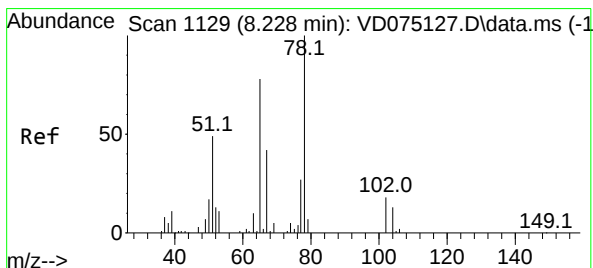
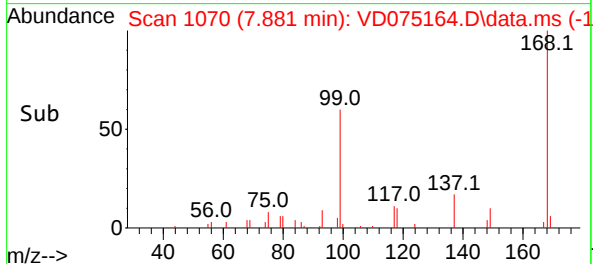
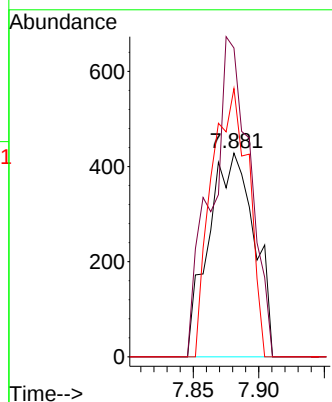
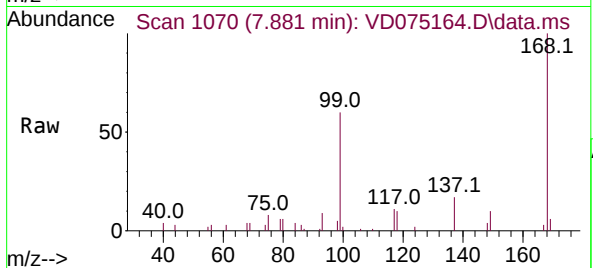
Tgt Ion: 56 Resp: 1038

Ion Ratio Lower Upper

56 100

69 151.6 26.6 40.0#

84 131.8 74.1 111.1#



#33

1,2-Dichloroethane-d4

Concen: 72.106 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075164.D

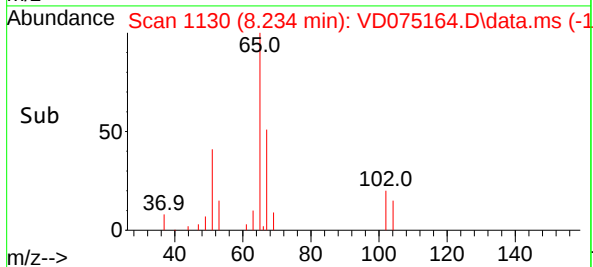
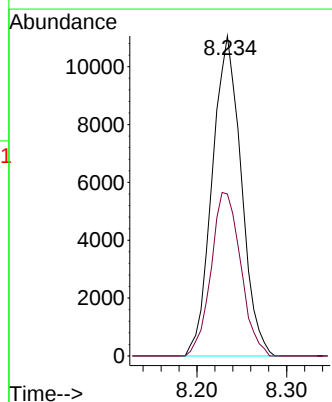
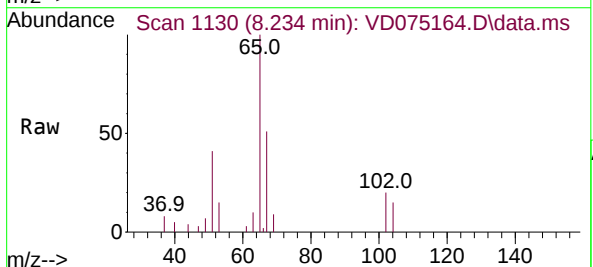
Acq: 20 Jan 2023 20:13

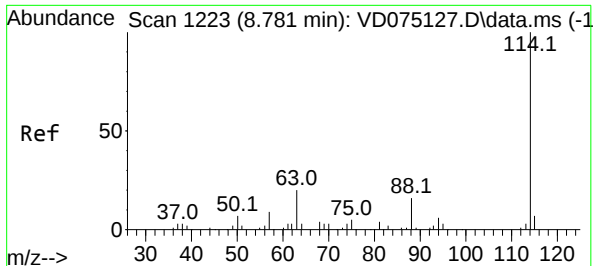
Tgt Ion: 65 Resp: 24824

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2

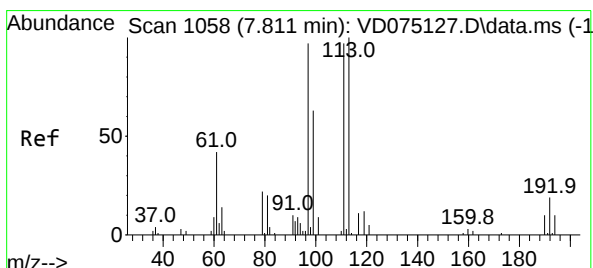
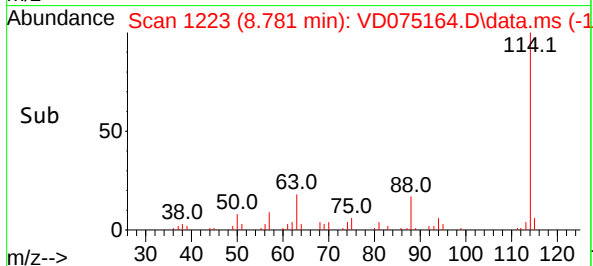
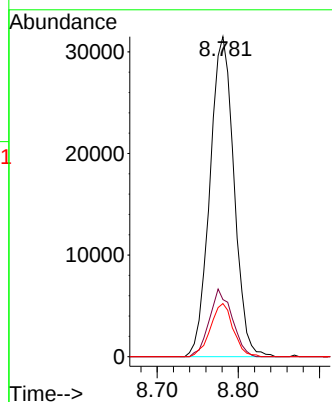
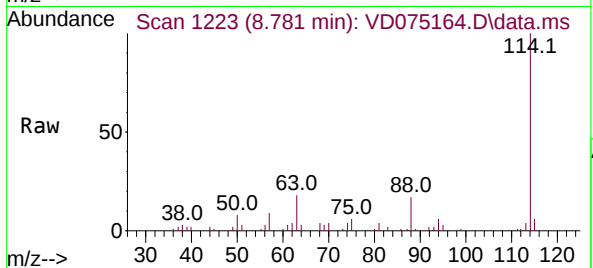




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

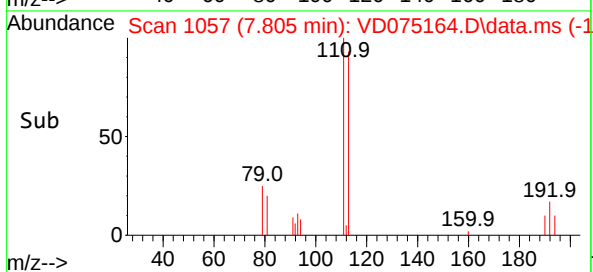
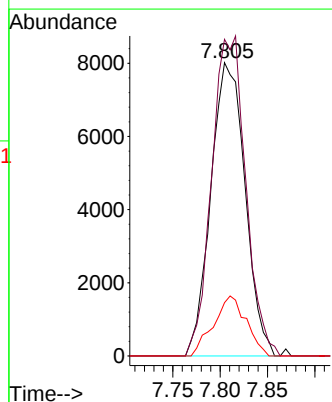
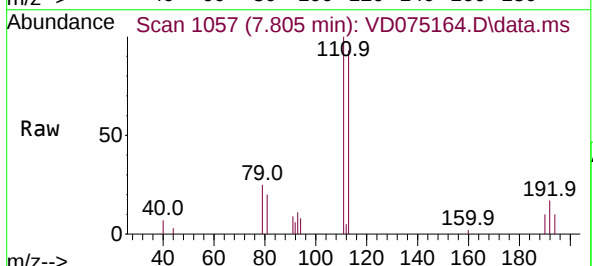
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

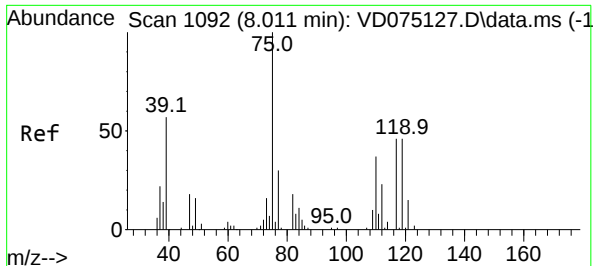
Tgt Ion:114	Resp:	64955
Ion Ratio	Lower	Upper
114	100	
63	17.9	0.0 40.2
88	16.6	0.0 32.2



#35
Dibromofluoromethane
Concen: 51.414 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion:113	Resp:	20180
Ion Ratio	Lower	Upper
113	100	
111	108.0	80.1 120.1
192	19.5	15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075164.D

Acq: 20 Jan 2023 20:13

Instrument :

MSVOA_D

ClientSampleId :

TR-05-011923

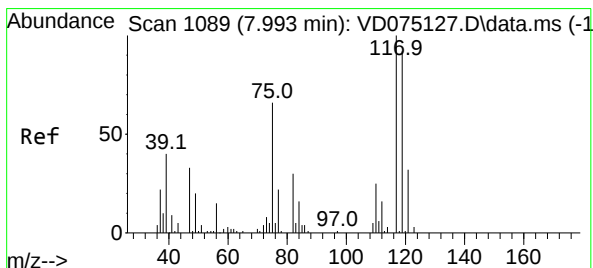
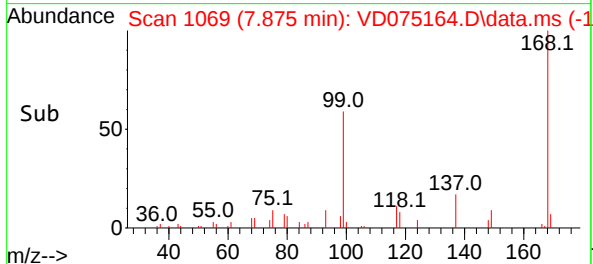
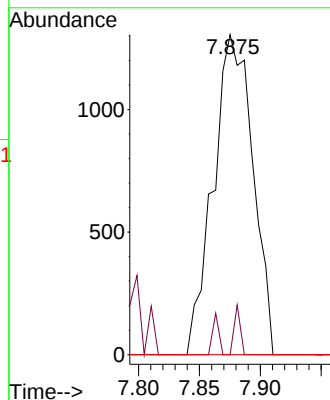
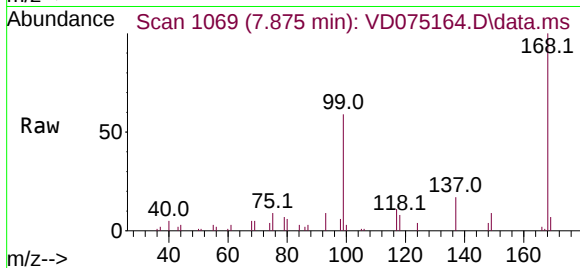
Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

75 100

110 2.4 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.612 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075164.D

Acq: 20 Jan 2023 20:13

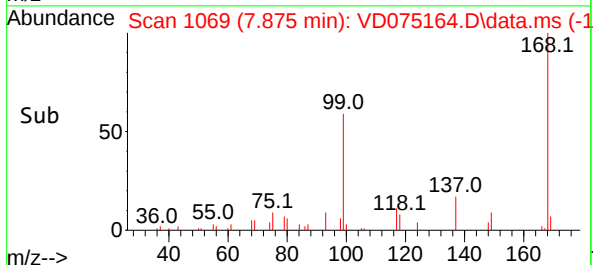
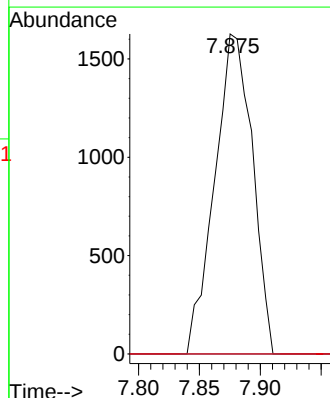
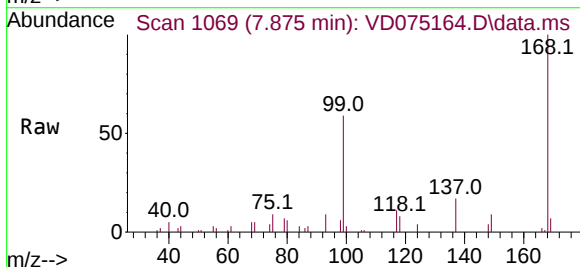
Tgt Ion: 117 Resp: 3511

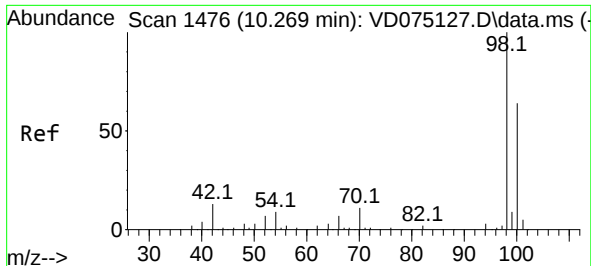
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

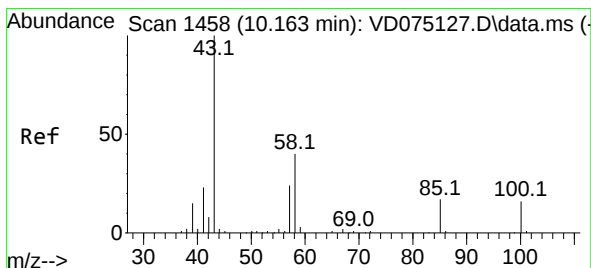
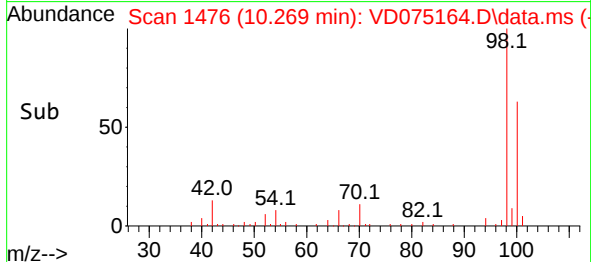
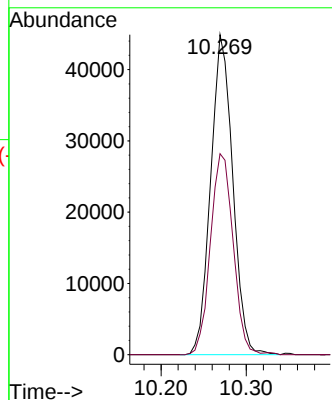
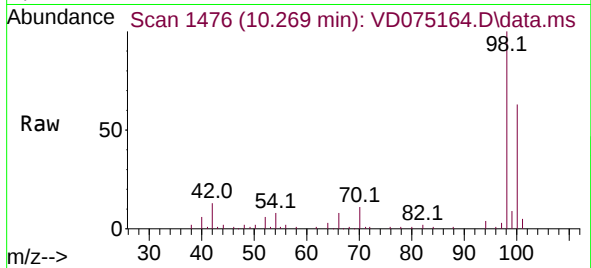




#50
Toluene-d8
Concen: 52.271 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

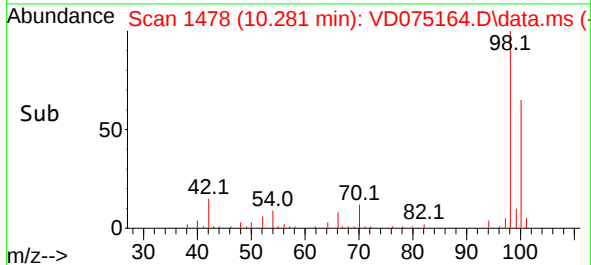
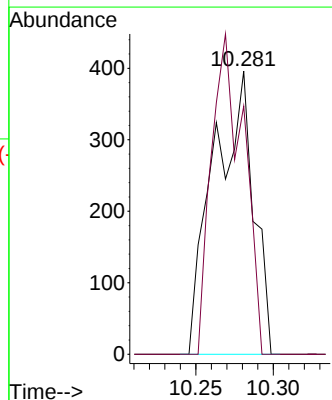
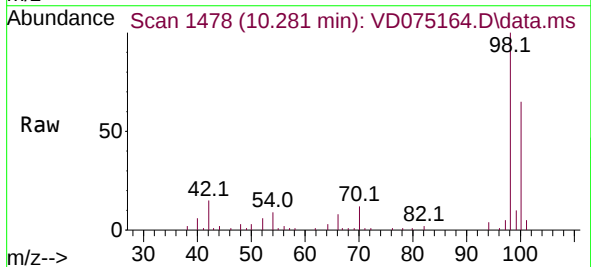
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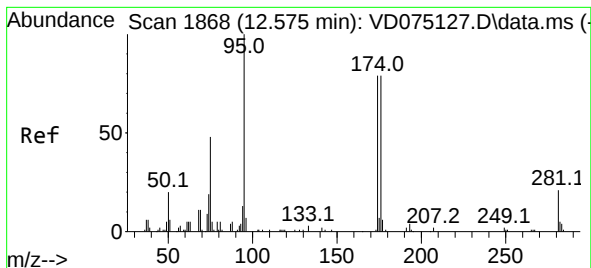
Tgt Ion: 98 Resp: 80781
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 2.961 ug/l
RT: 10.281 min Scan# 1478
Delta R.T. 0.118 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 91.7 31.4 47.0#

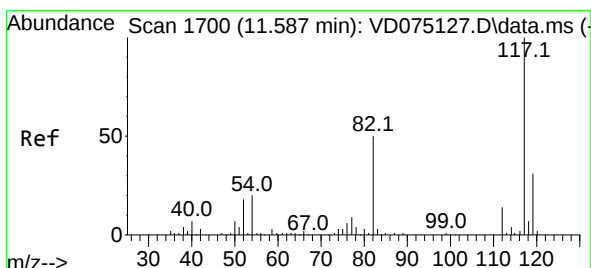
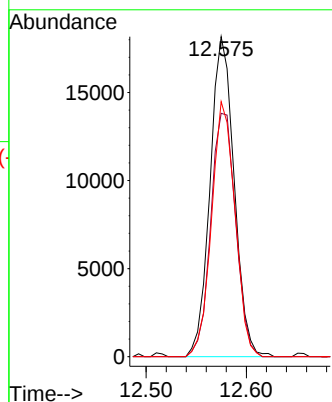
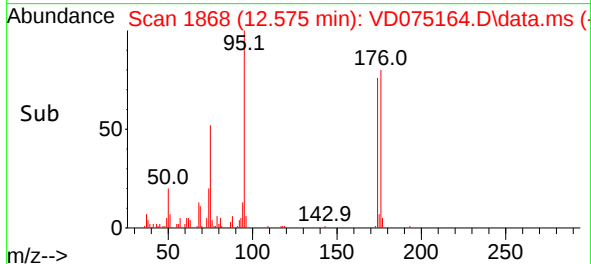
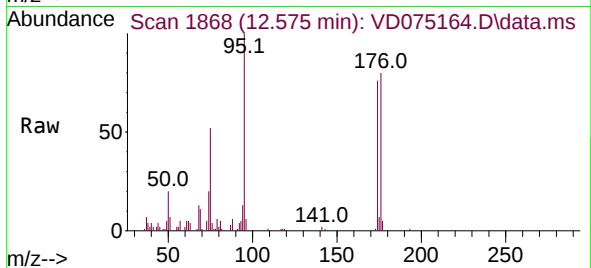




#62
4-Bromofluorobenzene
Concen: 61.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

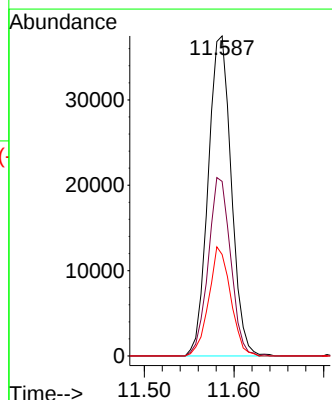
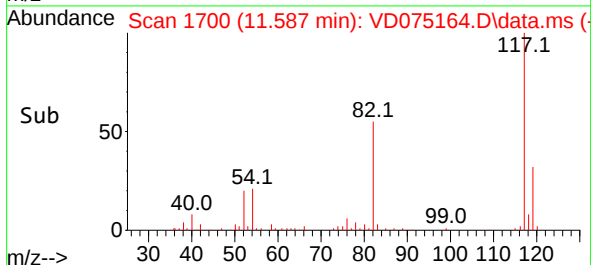
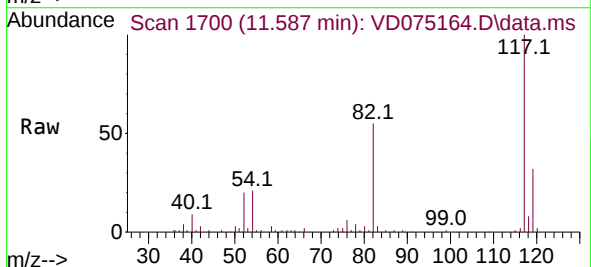
Instrument :
MSVOA_D
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TR-05-011923

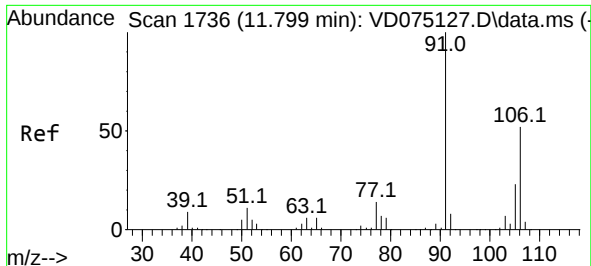
Tgt Ion: 95 Resp: 30324
Ion Ratio Lower Upper
95 100
174 78.7 0.0 161.2
176 77.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion: 117 Resp: 67081
Ion Ratio Lower Upper
117 100
82 54.5 39.6 59.4
119 31.7 24.6 37.0

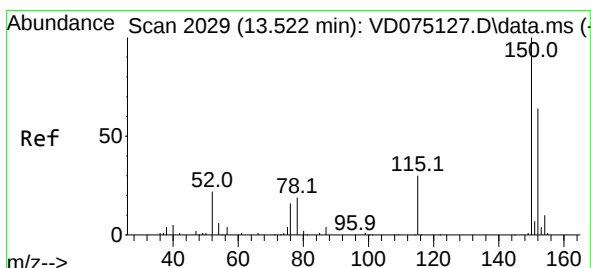
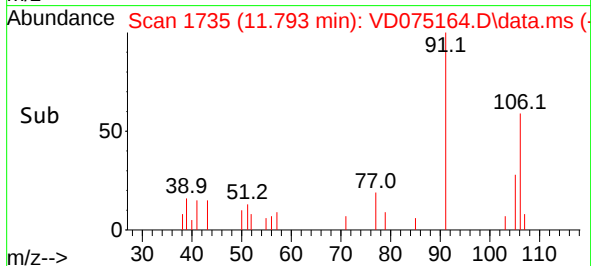
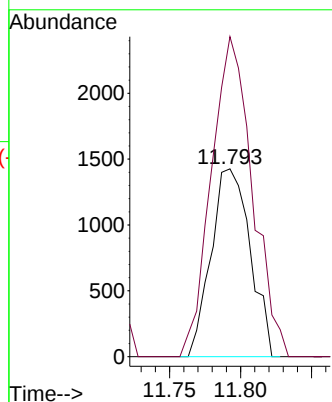
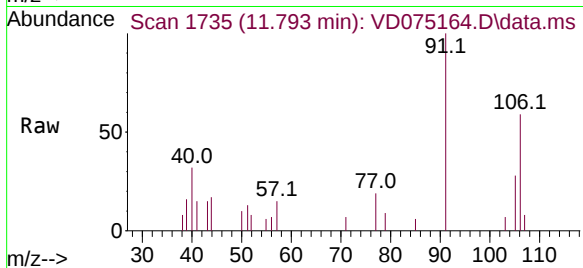




#68
m/p-Xylenes
Concen: 2.853 ug/l
RT: 11.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

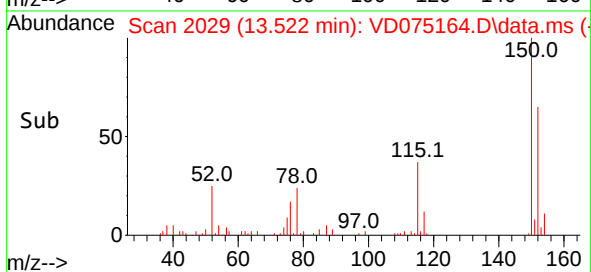
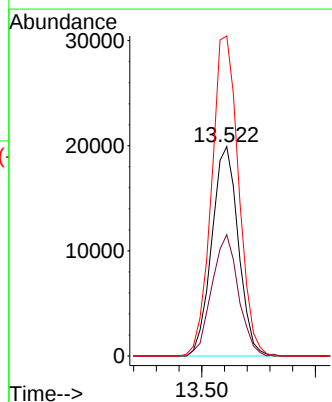
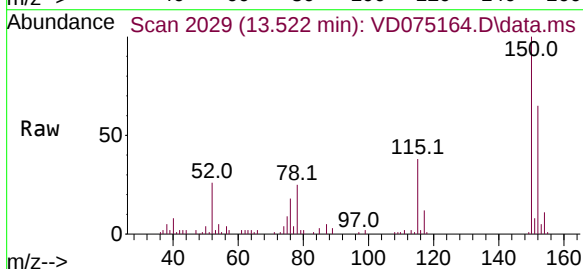
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

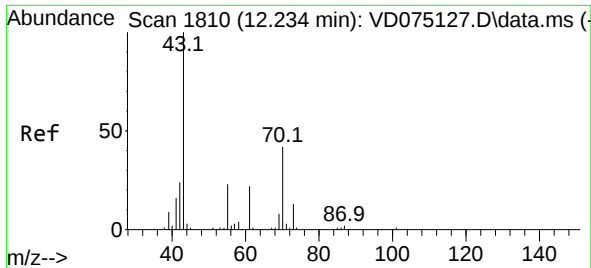
Tgt Ion:106 Resp: 2727
Ion Ratio Lower Upper
106 100
91 179.4 160.3 240.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion:152 Resp: 32275
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.4
150 155.8 0.0 348.6

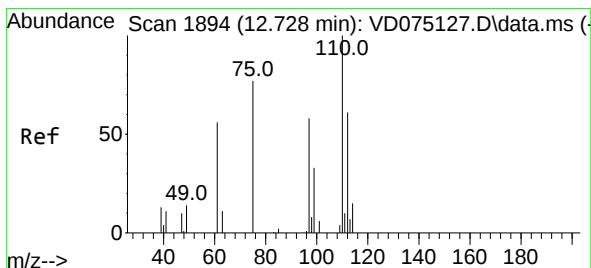
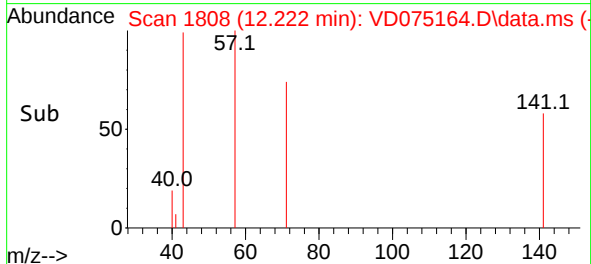
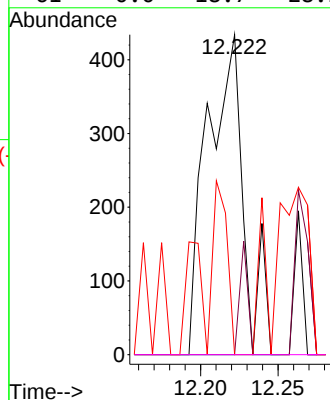
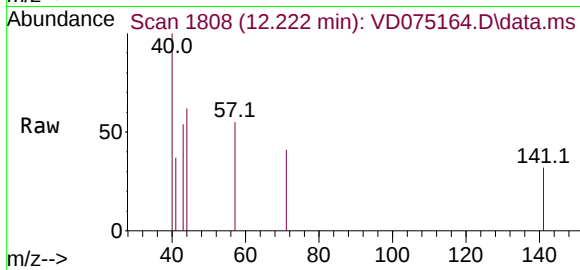




#74
N-amy1 acetate
Concen: 1.270 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. -0.012 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

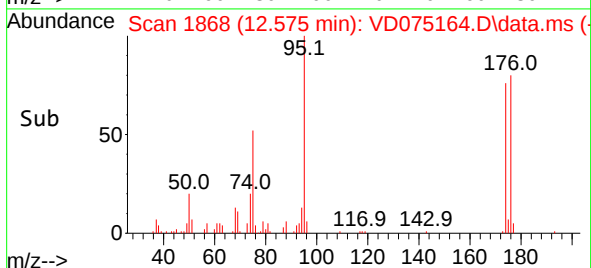
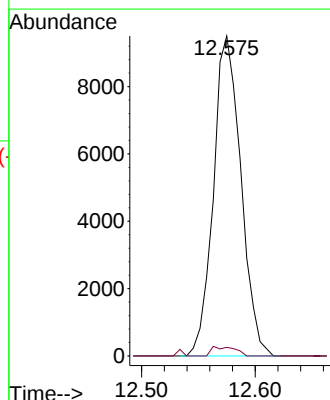
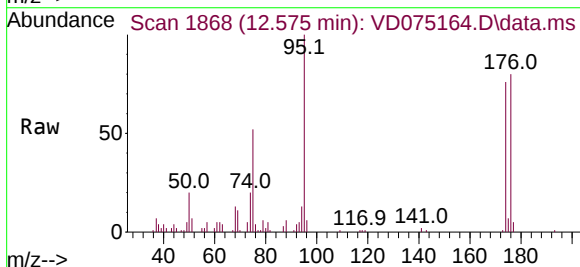
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

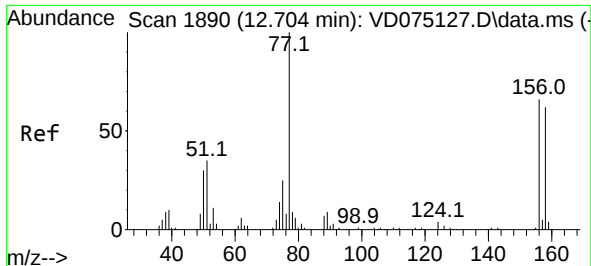
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
70 7.6 32.6 49.0#
55 21.3 17.8 26.8
61 0.0 18.7 28.1#



#76
1,2,3-Trichloropropane
Concen: 58.355 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Tgt Ion: 75 Resp: 15951
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#

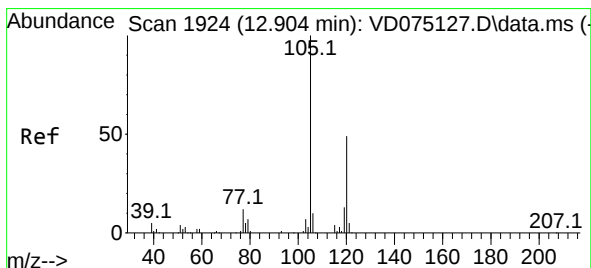
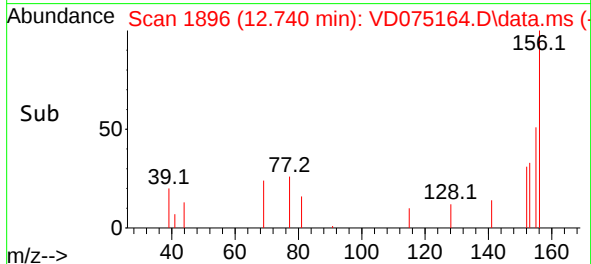
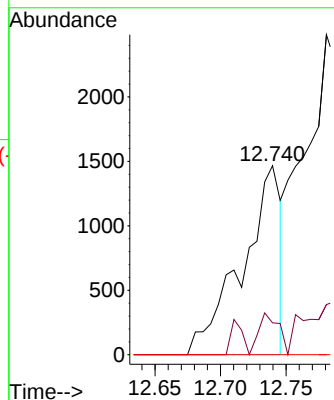
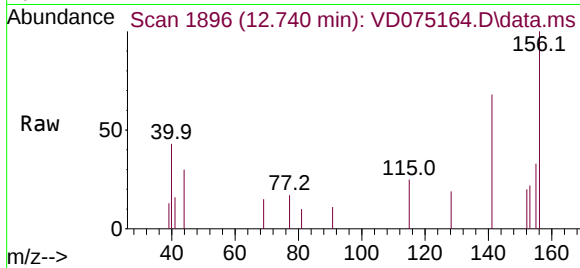




#77
 Bromobenzene
 Concen: 5.154 ug/l
 RT: 12.740 min Scan# 1890
 Delta R.T. 0.035 min
 Lab File: VD075164.D
 Acq: 20 Jan 2023 20:13

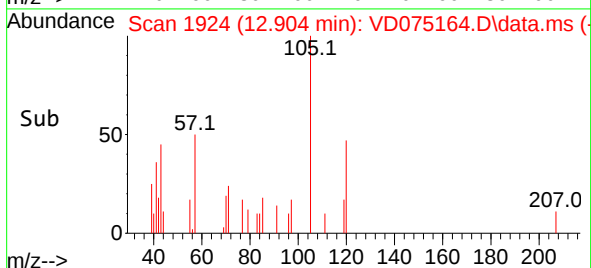
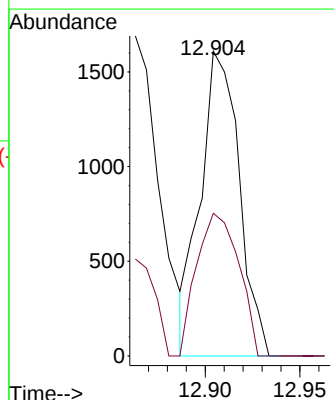
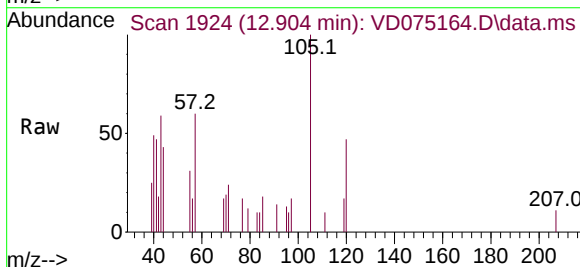
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923

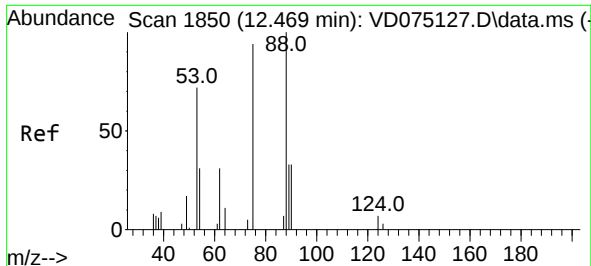
Tgt Ion:156 Resp: 3001
 Ion Ratio Lower Upper
 156 100
 77 11.3 85.6 256.8#
 158 0.0 47.3 141.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.094 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075164.D
 Acq: 20 Jan 2023 20:13

Tgt Ion:105 Resp: 2286
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.6 73.8

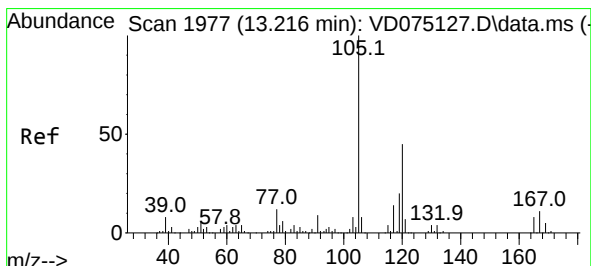
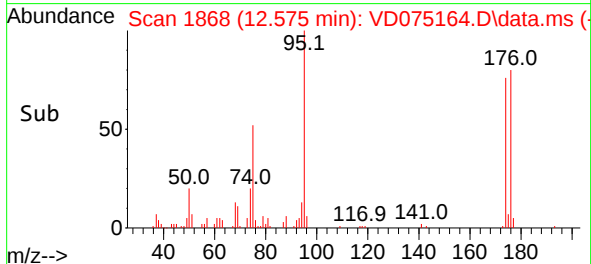
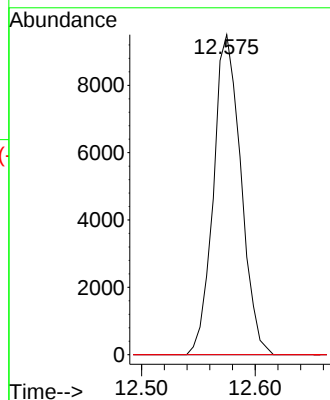
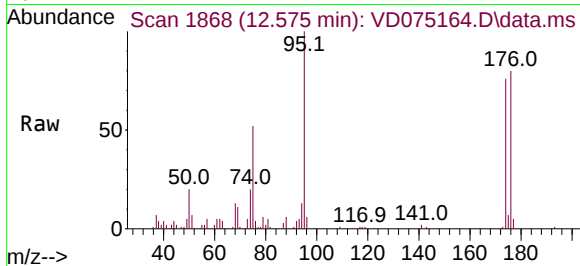




#81
trans-1,4-Dichloro-2-butene
Concen: 135.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

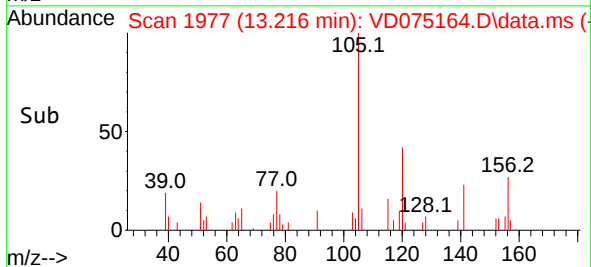
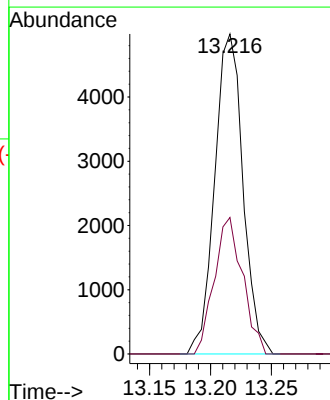
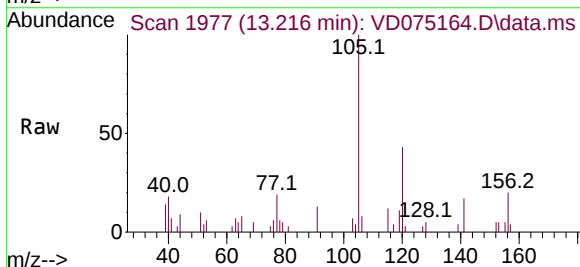
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

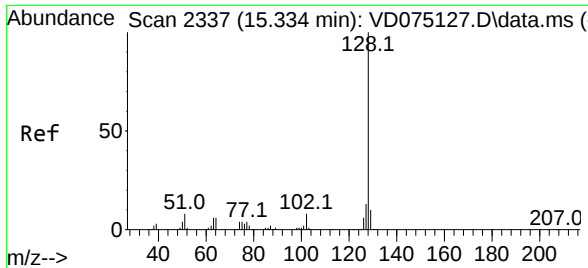
Tgt Ion: 75 Resp: 15951
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.917 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

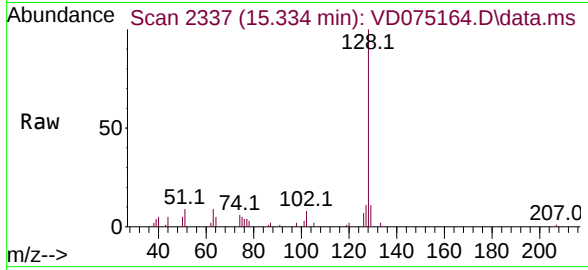
Tgt Ion: 105 Resp: 8034
Ion Ratio Lower Upper
105 100
120 42.9 23.2 69.5





#95
Naphthalene
Concen: 18.765 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075164.D
Acq: 20 Jan 2023 20:13

Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923



Tgt Ion:128 Resp: 23689
Ion Ratio Lower Upper
128 100
127 12.0 10.6 15.8
129 9.6 8.7 13.1

