

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075120.D
 Acq On : 11 Jan 2023 14:03
 Operator : KP/SY
 Sample : 01069-01
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Jan 12 04:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

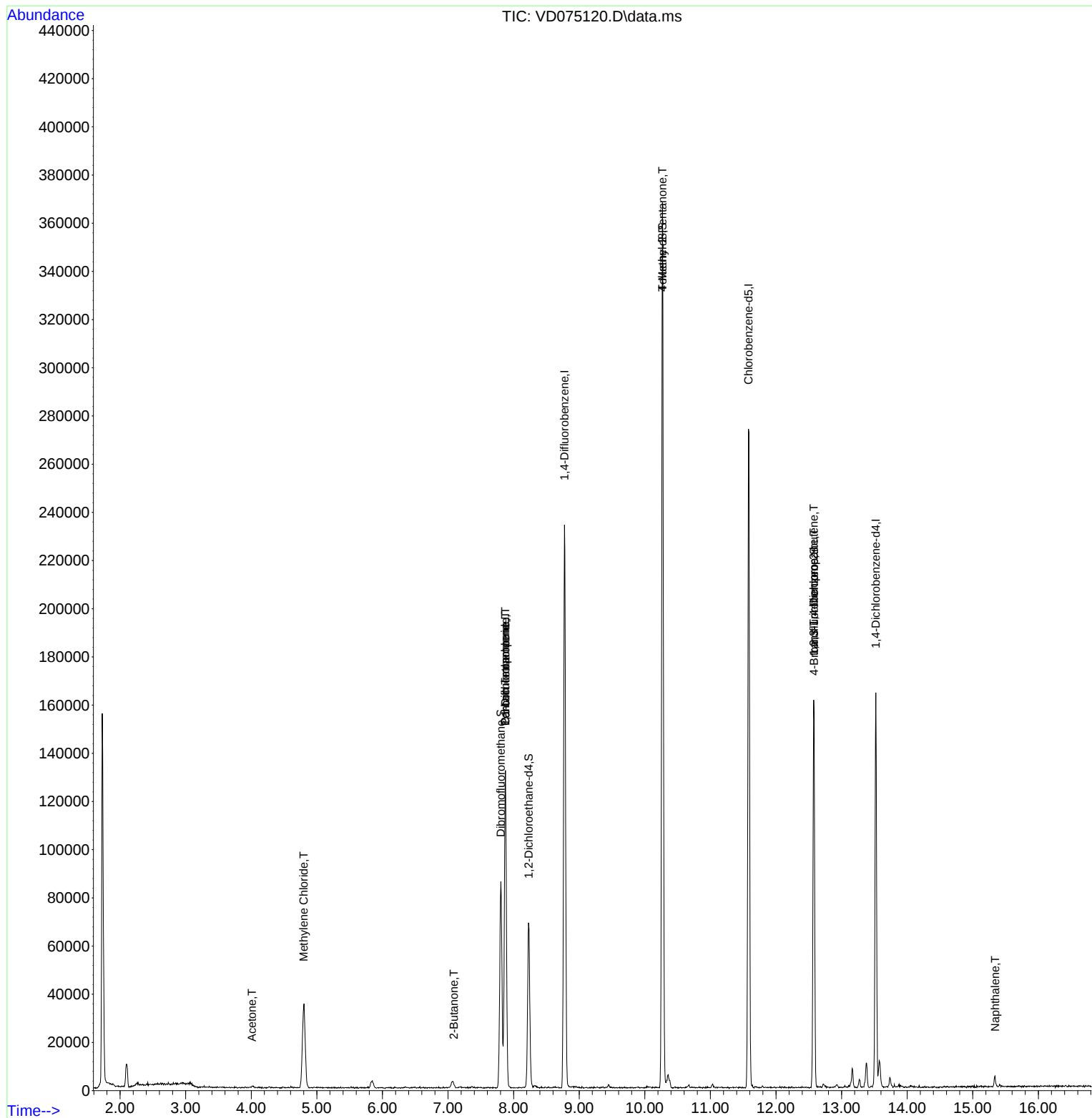
Internal Standards						
1) Pentafluorobenzene	7.875	168	93996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52837	56.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.140%
35) Dibromofluoromethane	7.805	113	62329	48.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.269	98	250825	48.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.581	95	57230	34.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.093	50	58	Below Cal	#	43
16) Acetone	4.011	43	533	2.387	ug/l #	39
17) Carbon Disulfide	4.264	76	312	Below Cal	#	78
20) Methylene Chloride	4.799	84	25560	14.556	ug/l	95
25) 2-Butanone	7.087	43	612	2.069	ug/l #	47
31) Cyclohexane	7.875	56	2671	Below Cal	#	42
36) 1,1-Dichloropropene	7.875	75	8379	5.234	ug/l #	47
37) Ethyl Acetate	7.169	43	819	Below Cal	#	68
38) Carbon Tetrachloride	7.875	117	10286	7.333	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1167	1.500	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	29541	75.761	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	29541	201.202	ug/l #	15
95) Naphthalene	15.339	128	4251	2.809	ug/l #	97

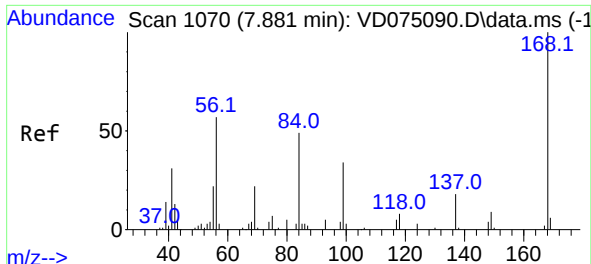
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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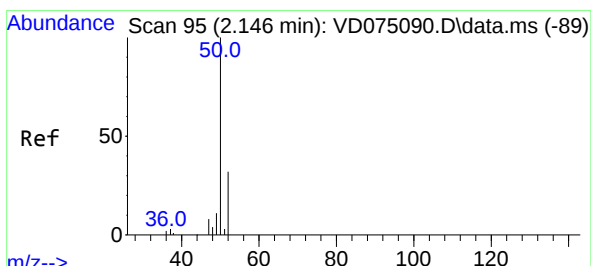
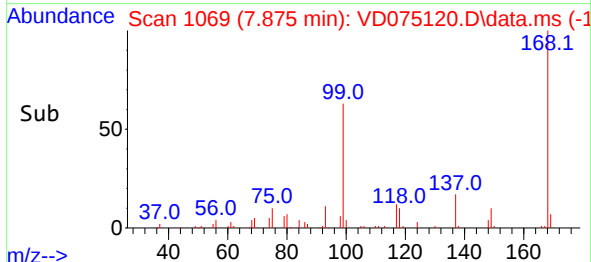
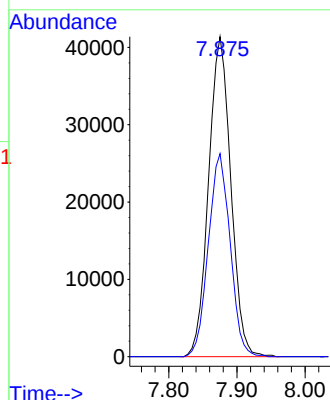
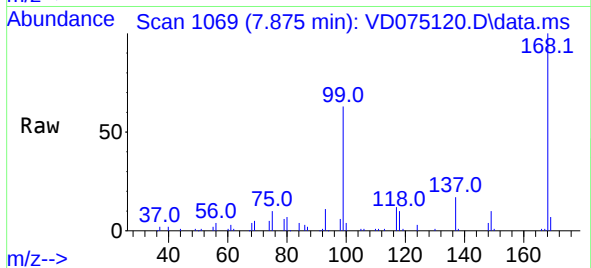




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

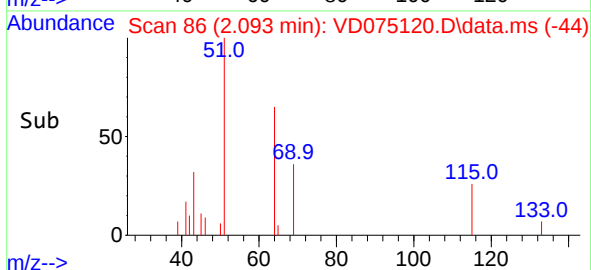
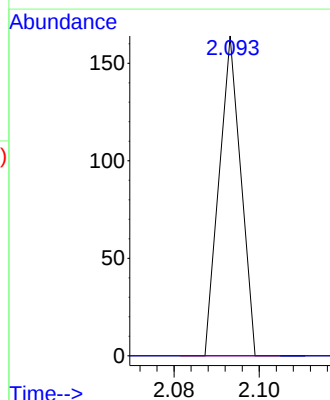
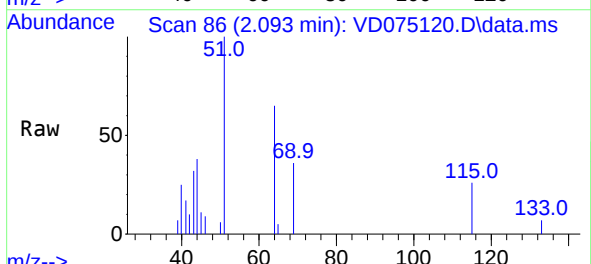
Instrument :
MSVOA_D
ClientSampleId :
TP-7

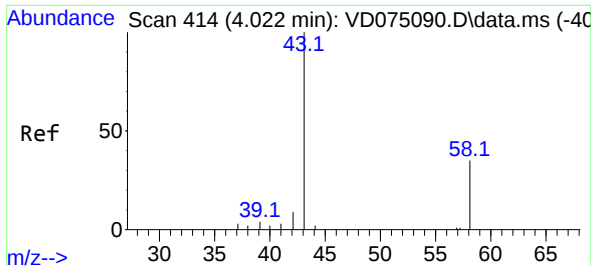
Tgt Ion:168 Resp: 93996
Ion Ratio Lower Upper
168 100
99 63.5 43.2 64.8



#3
Chloromethane
Concen: Below Cal
RT: 2.093 min Scan# 86
Delta R.T. -0.053 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

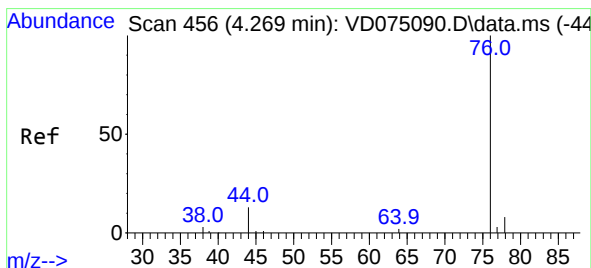
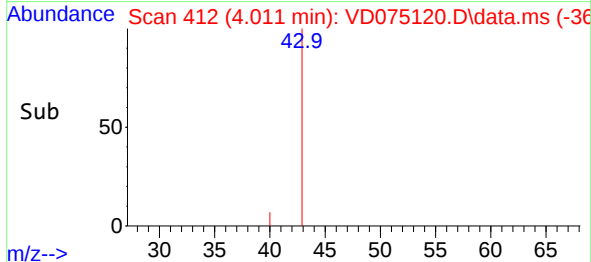
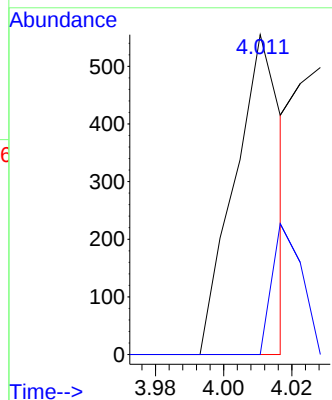
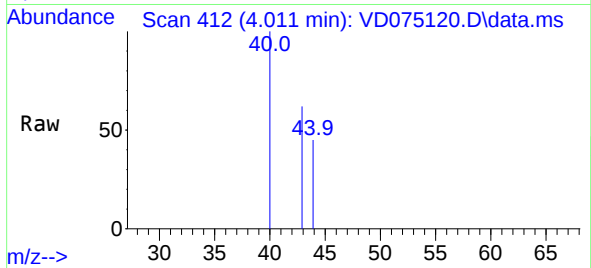




#16
Acetone
Concen: 2.387 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.012 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

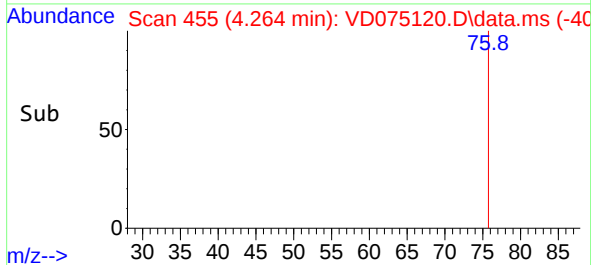
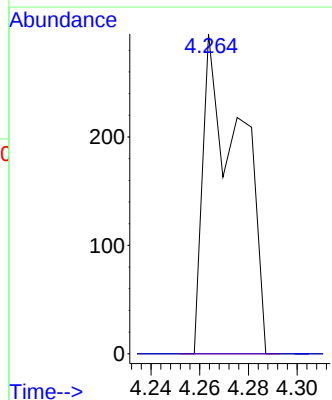
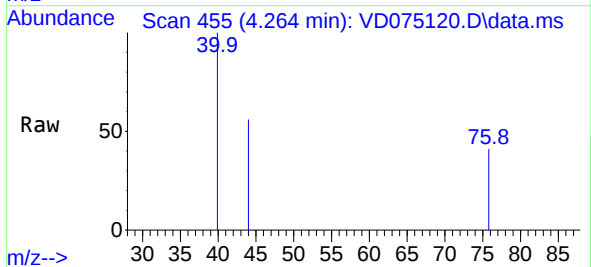
Instrument :
MSVOA_D
ClientSampleId :
TP-7

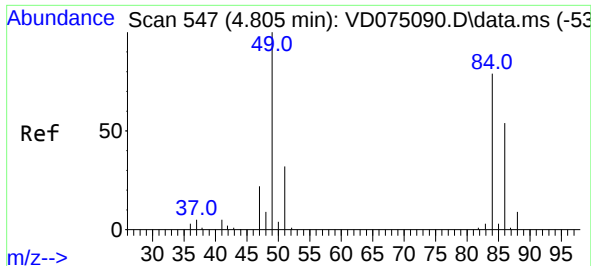
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.264 min Scan# 455
Delta R.T. -0.005 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 76 Resp: 312
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



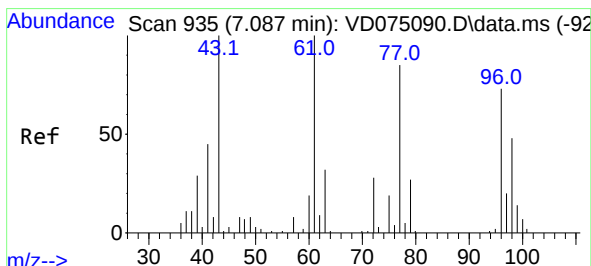
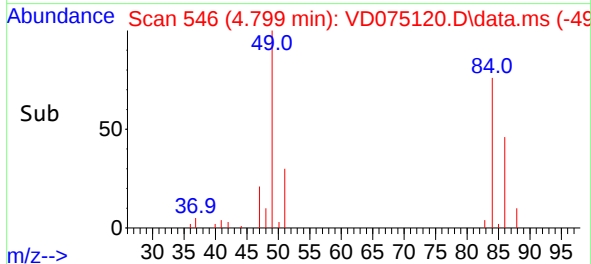
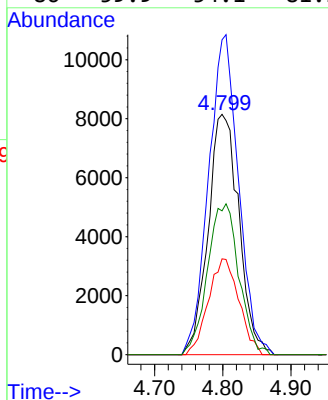
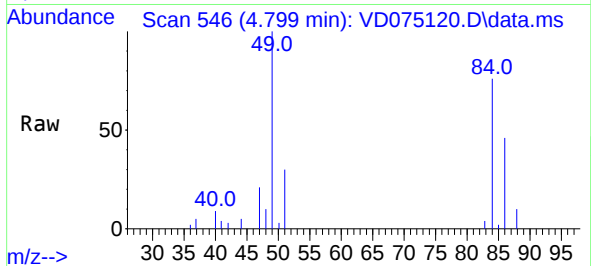


#20
Methylene Chloride
Concen: 14.556 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion: 84 Resp: 25560

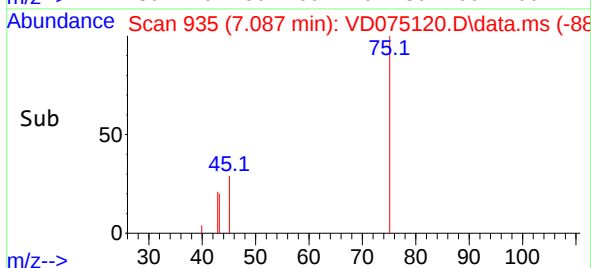
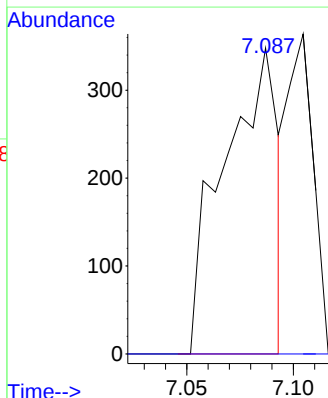
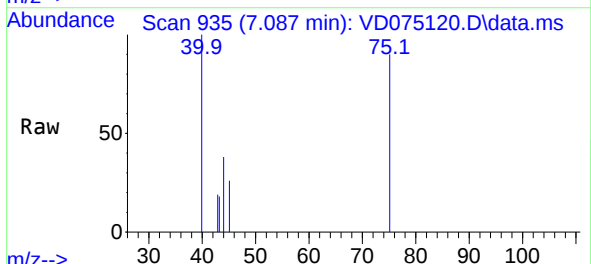
Ion	Ratio	Lower	Upper
84	100		
49	131.0	100.6	151.0
51	39.9	31.8	47.8
86	59.9	54.1	81.1

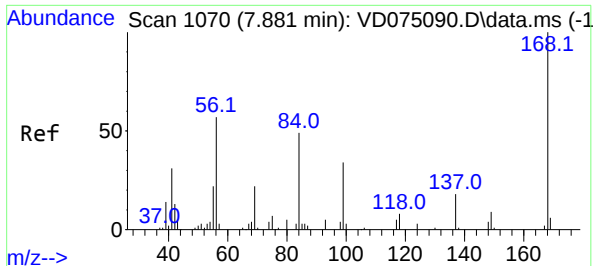


#25
2-Butanone
Concen: 2.069 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 43 Resp: 612

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	33.8#

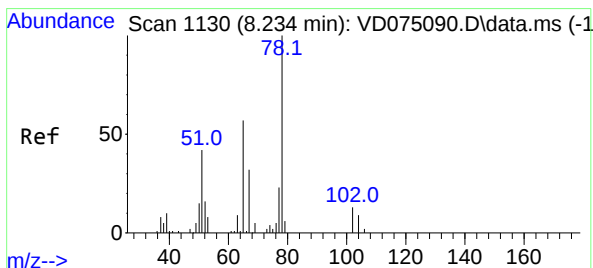
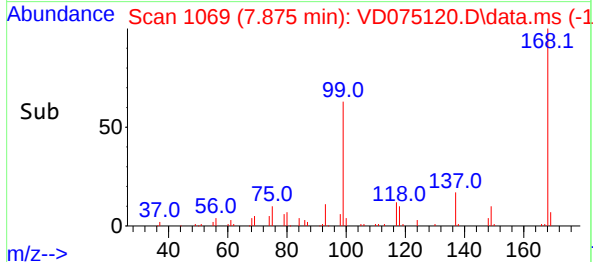
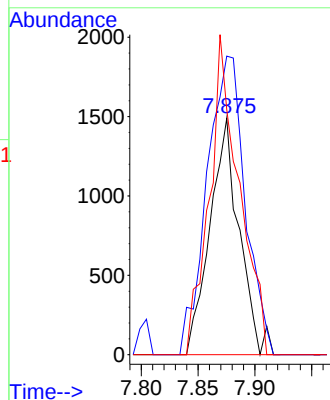
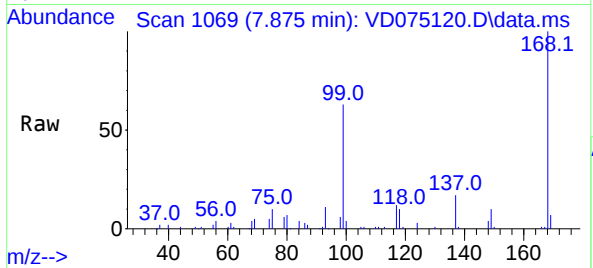




#31
Cyclohexane
Concen: Below Cal
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

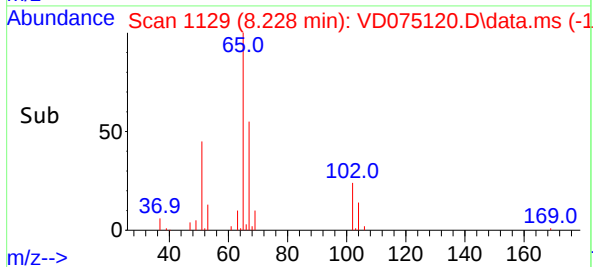
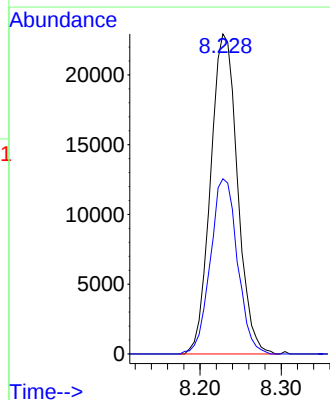
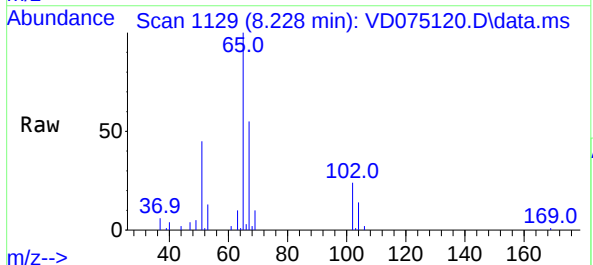
Instrument :
MSVOA_D
ClientSampleId :
TP-7

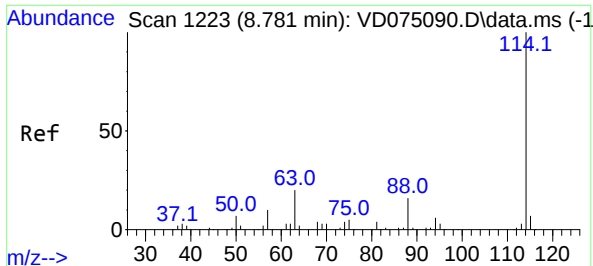
Tgt Ion: 56 Resp: 2671
Ion Ratio Lower Upper
56 100
69 126.2 30.4 45.6#
84 103.6 68.6 102.8#



#33
1,2-Dichloroethane-d4
Concen: 56.069 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 65 Resp: 52837
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

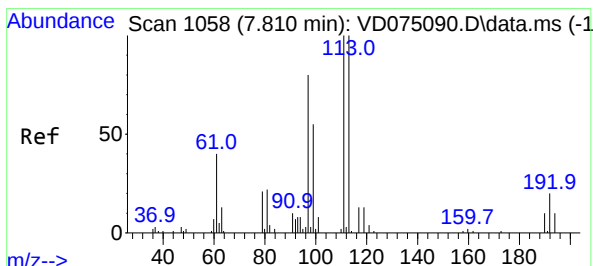
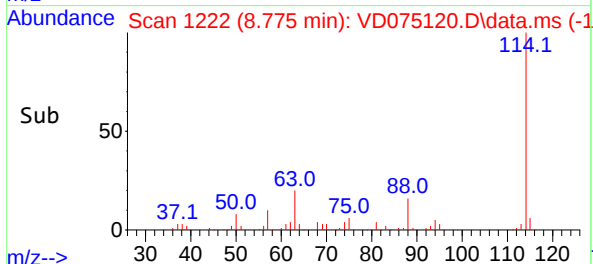
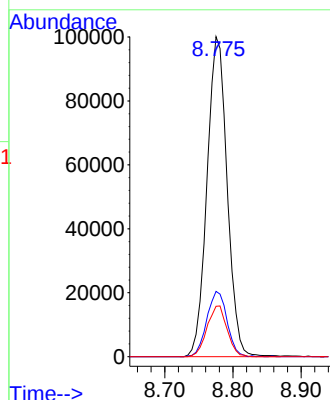
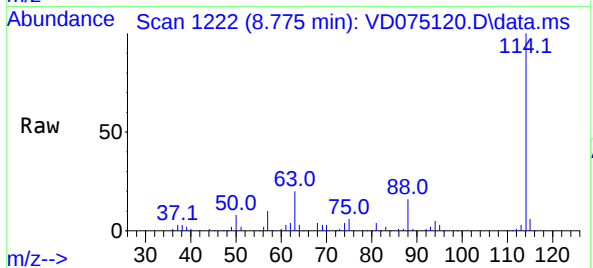




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

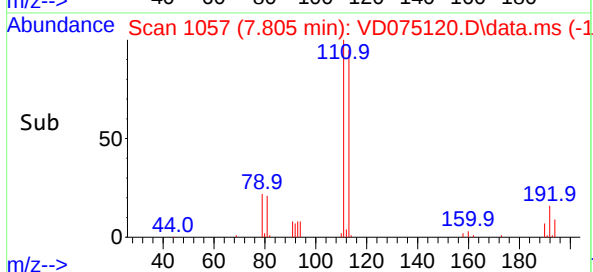
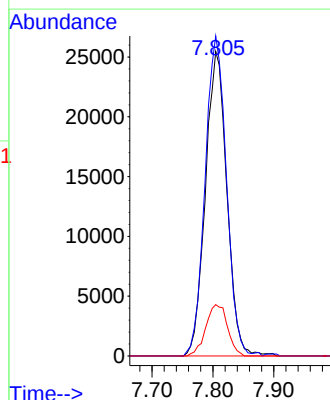
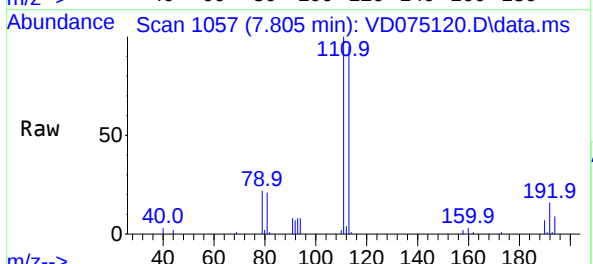
Instrument :
MSVOA_D
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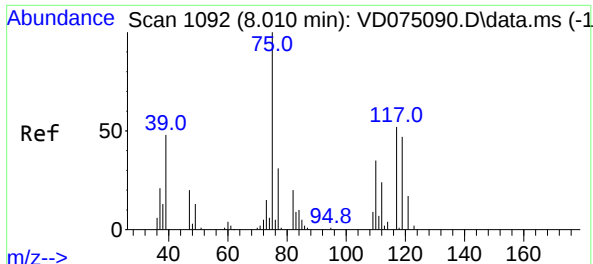
Tgt Ion:114 Resp: 205719
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 48.167 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion:113 Resp: 62329
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 17.0 15.0 22.6

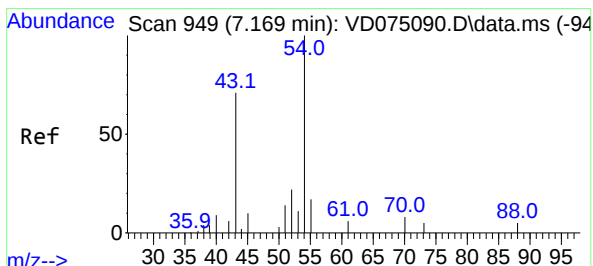
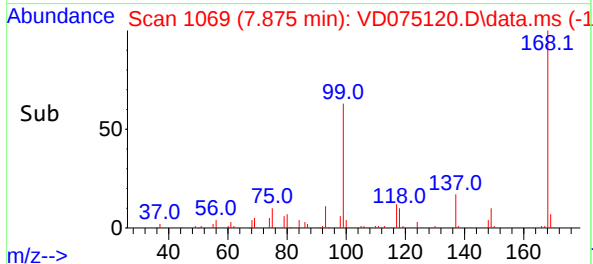
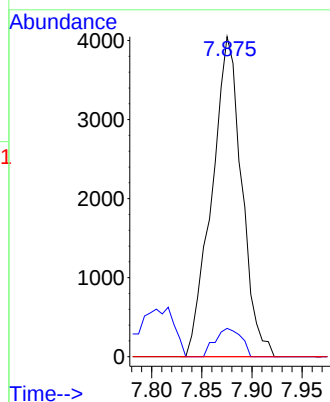
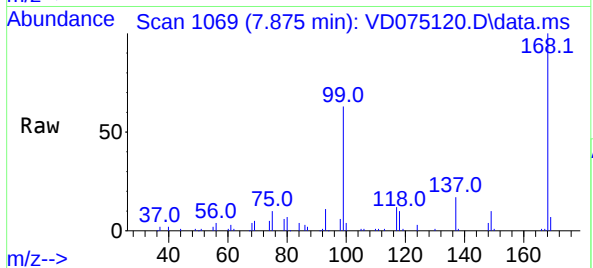




#36
1,1-Dichloropropene
Concen: 5.234 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.135 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

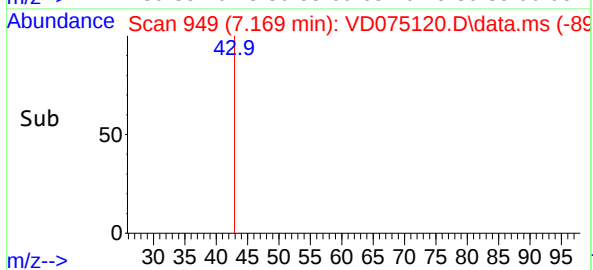
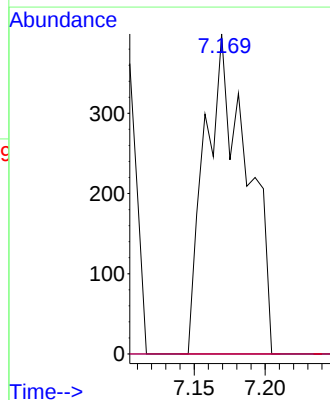
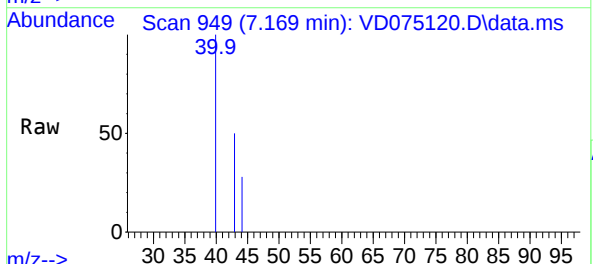
Instrument :
MSVOA_D
ClientSampleId :
TP-7

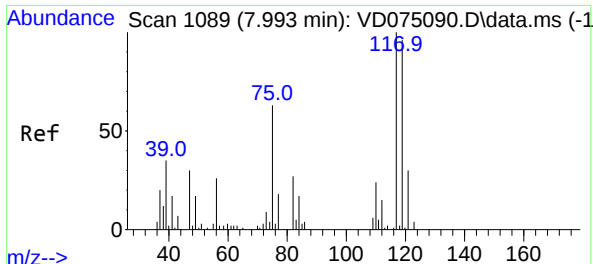
Tgt Ion: 75 Resp: 8379
Ion Ratio Lower Upper
75 100
110 7.7 18.8 56.3#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: Below Cal
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

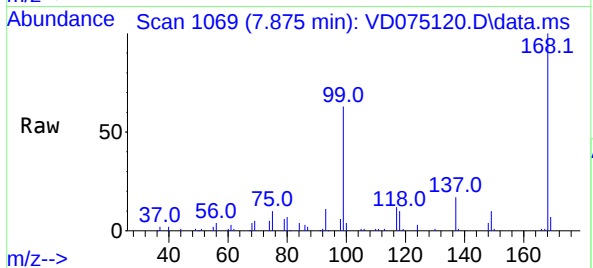
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.4 12.6#



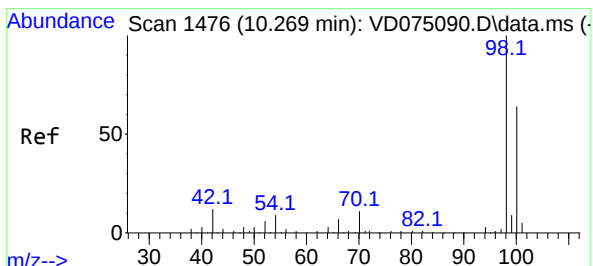
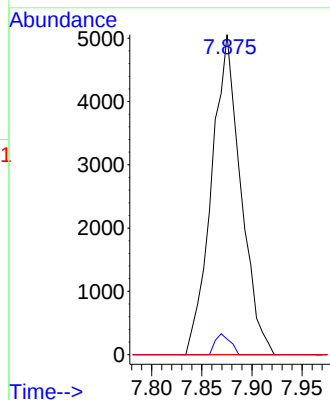
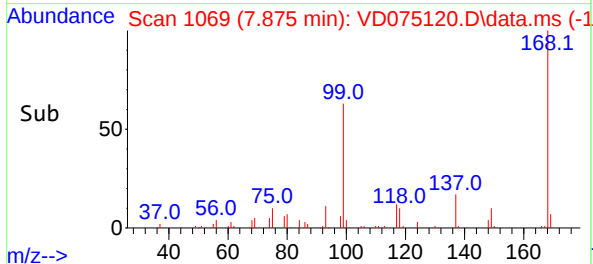


#38
Carbon Tetrachloride
Concen: 7.333 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

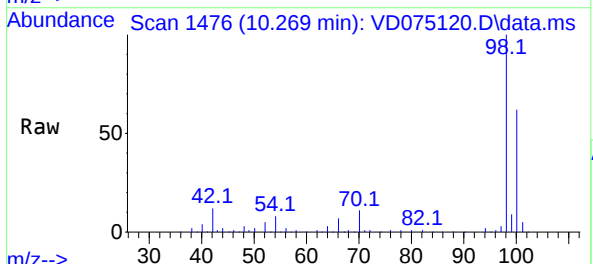
Instrument :
MSVOA_D
ClientSampleId :
TP-7



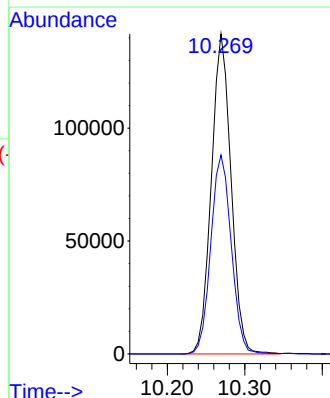
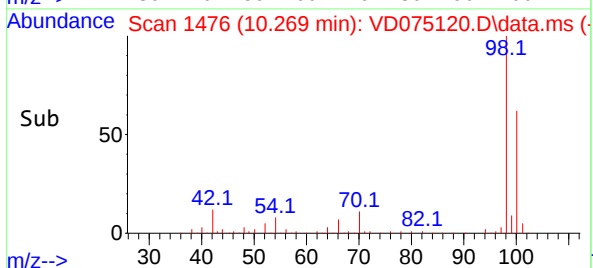
Tgt Ion:117 Resp: 10286
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 23.8 35.8#

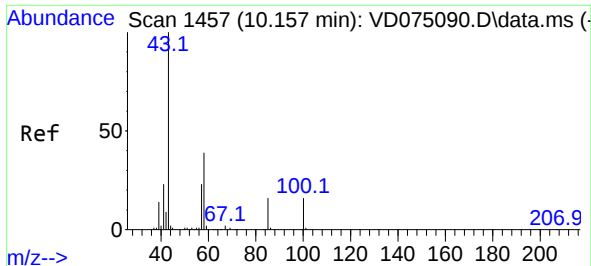


#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03



Tgt Ion: 98 Resp: 250825
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6

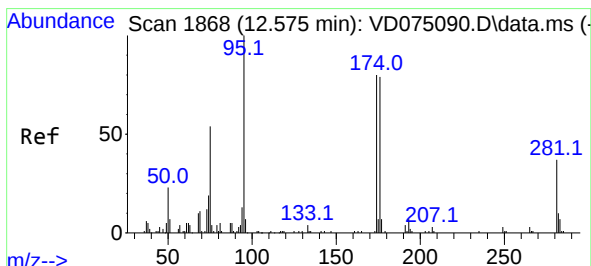
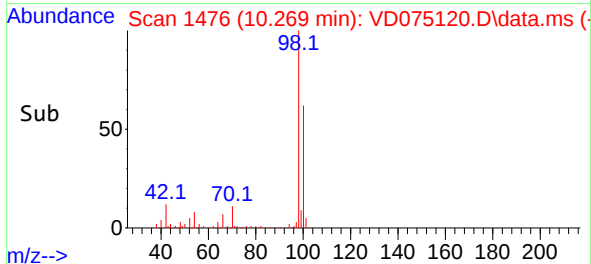
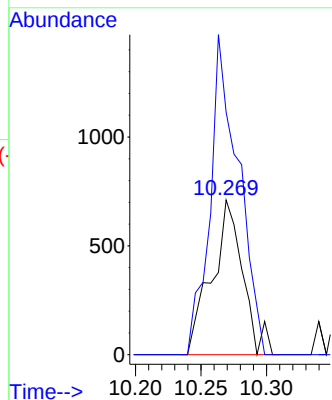
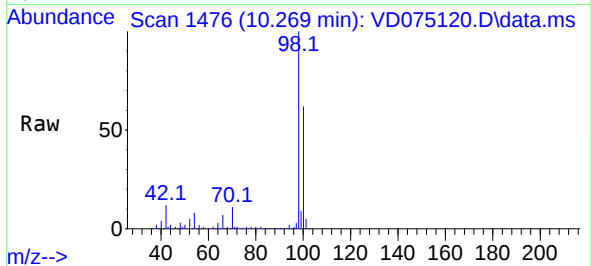




#51
4-Methyl-2-Pentanone
Concen: 1.500 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

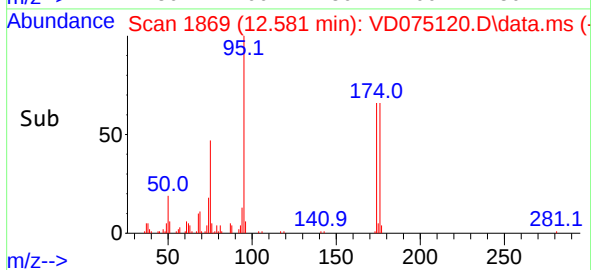
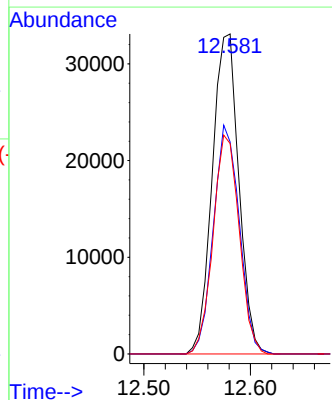
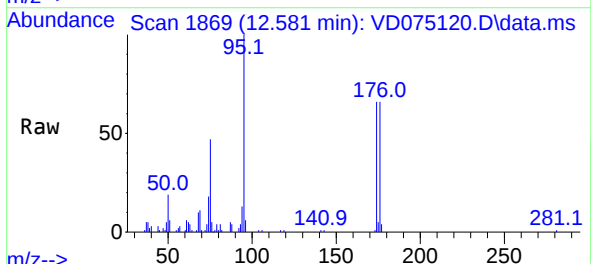
Instrument :
MSVOA_D
ClientSampleId :
TP-7

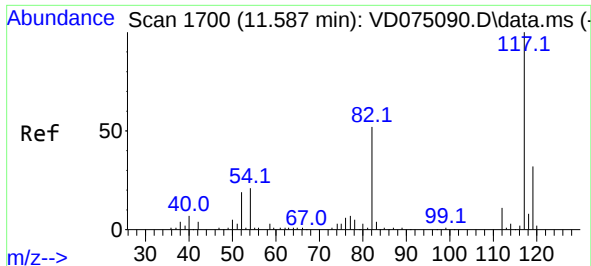
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 190.9 31.0 46.4#



#62
4-Bromofluorobenzene
Concen: 34.750 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 95 Resp: 57230
Ion Ratio Lower Upper
95 100
174 69.9 0.0 168.4
176 67.3 0.0 163.8

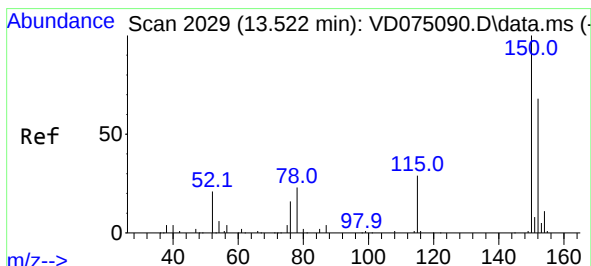
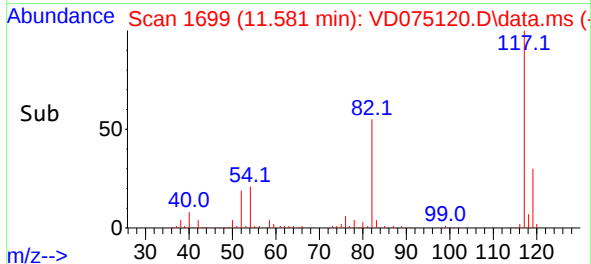
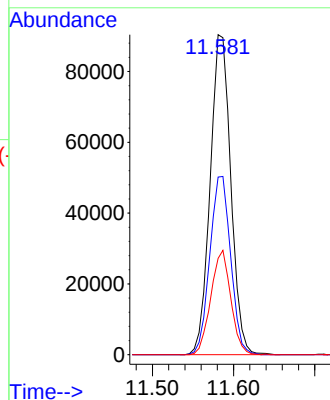
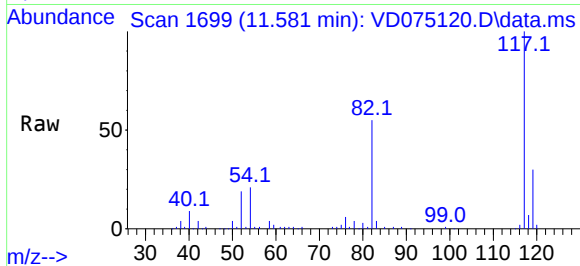




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

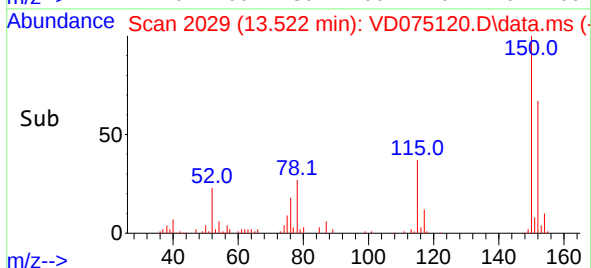
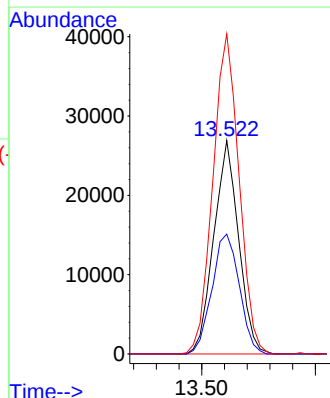
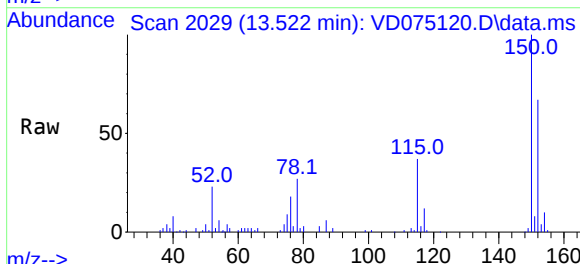
Instrument :
MSVOA_D
ClientSampleId :
TP-7

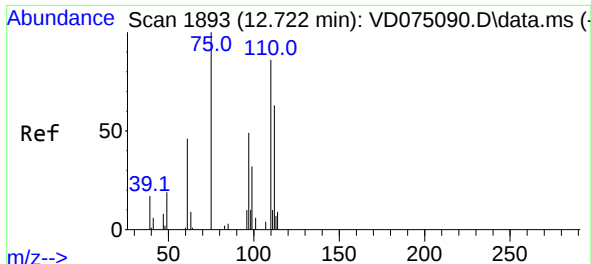
Tgt Ion:117 Resp: 159604
Ion Ratio Lower Upper
117 100
82 55.5 41.3 61.9
119 30.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion:152 Resp: 40865
Ion Ratio Lower Upper
152 100
115 61.9 28.7 86.1
150 157.9 0.0 343.2

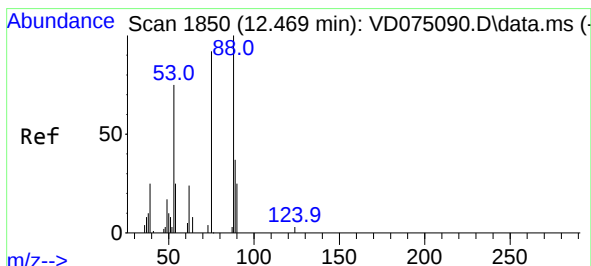
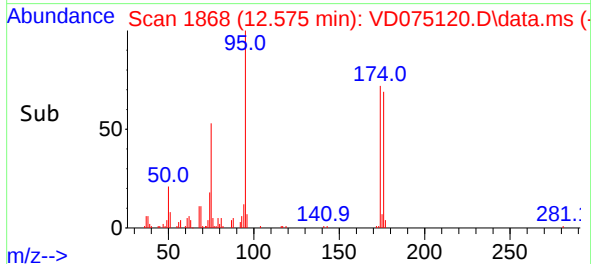
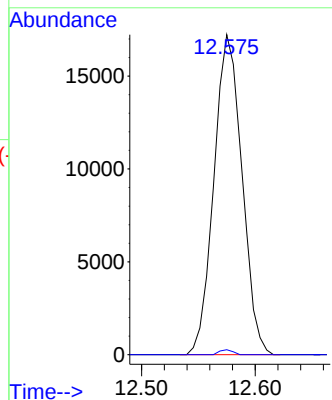
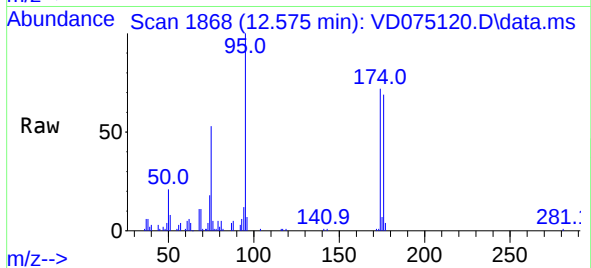




#76
1,2,3-Trichloropropane
Concen: 75.761 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

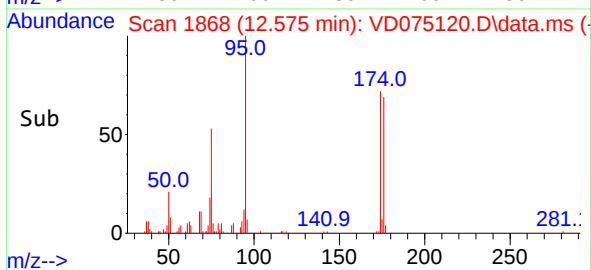
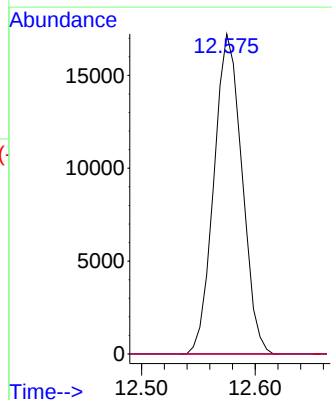
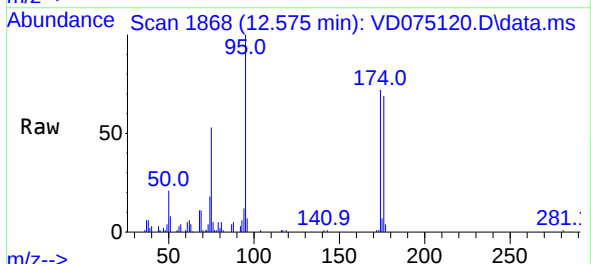
Instrument :
MSVOA_D
ClientSampleId :
TP-7

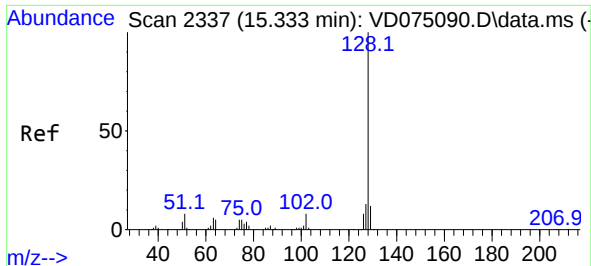
Tgt Ion: 75 Resp: 29541
Ion Ratio Lower Upper
75 100
77 0.7 149.0 447.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 201.202 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

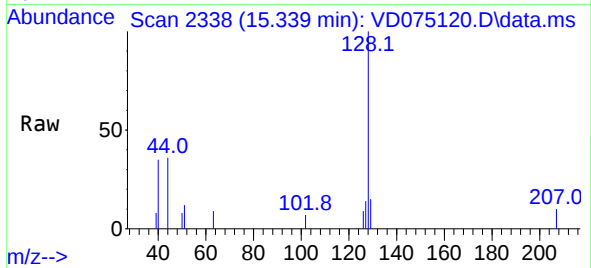
Tgt Ion: 75 Resp: 29541
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.0 33.4 50.0#





#95
Naphthalene
Concen: 2.809 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7



Tgt Ion:128 Resp: 4251
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 8.6 8.9 13.3#

