

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010841.D
 Acq On : 06 Oct 2022 13:51
 Operator : KP/MD
 Sample : N5004-15
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18

Quant Time: Oct 07 02:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

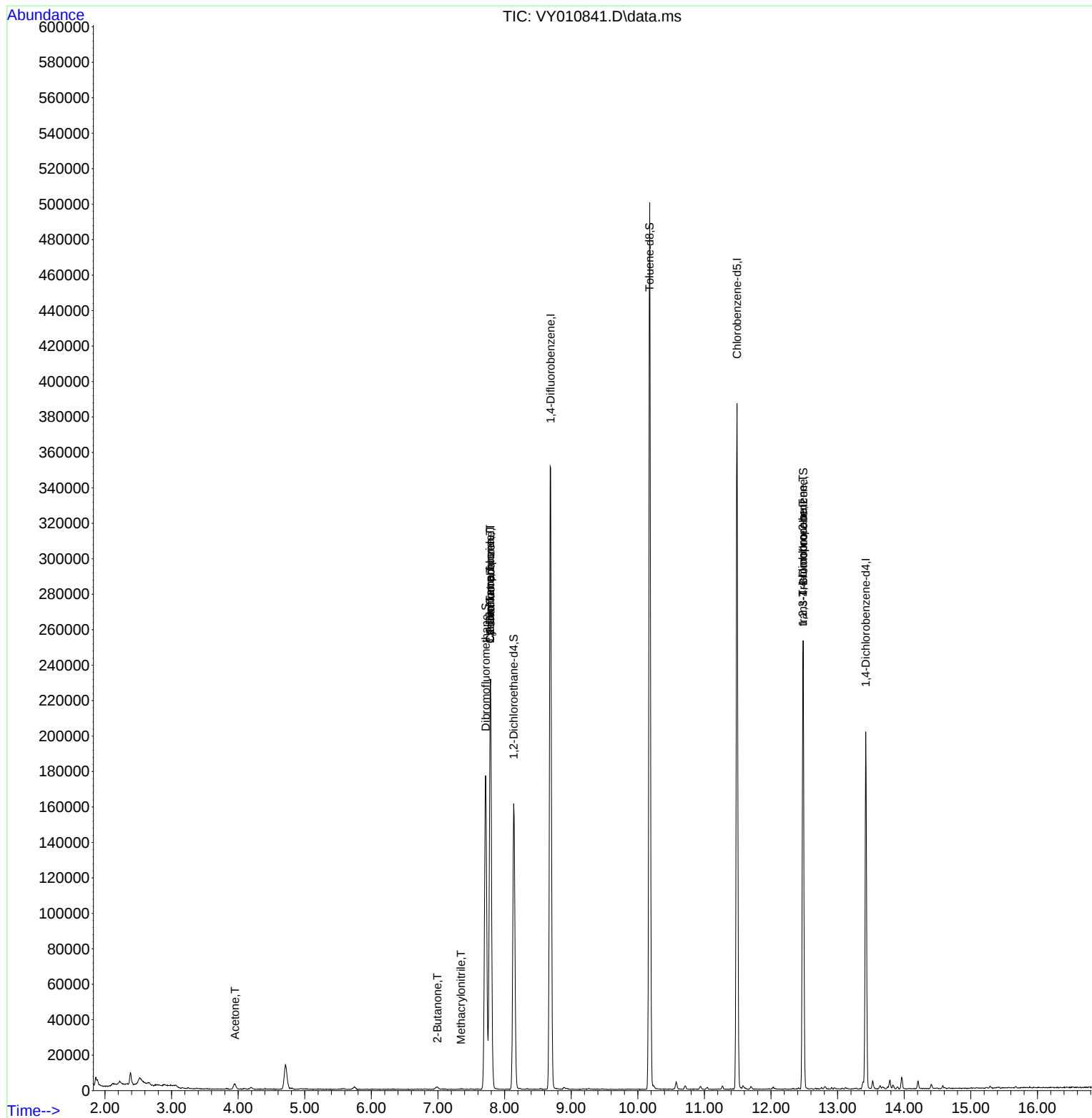
Internal Standards						
1) Pentafluorobenzene	7.789	168	181340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	306363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126024	68.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.120%			
35) Dibromofluoromethane	7.715	113	127386	62.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.280%			
50) Toluene-d8	10.178	98	323763	46.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.100%			
62) 4-Bromofluorobenzene	12.483	95	75029	25.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 51.660%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	659	Below Cal	#	77
16) Acetone	3.954	43	5540	11.867	ug/l #	87
20) Methylene Chloride	4.716	84	9930	Below Cal	#	82
25) 2-Butanone	6.990	43	1570	2.339	ug/l	95
31) Cyclohexane	7.782	56	3932	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	13973	4.760	ug/l #	50
38) Carbon Tetrachloride	7.782	117	17995	5.885	ug/l #	15
41) Methacrylonitrile	7.344	41	143	2.742	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	38913	75.036	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38913	156.745	ug/l #	7

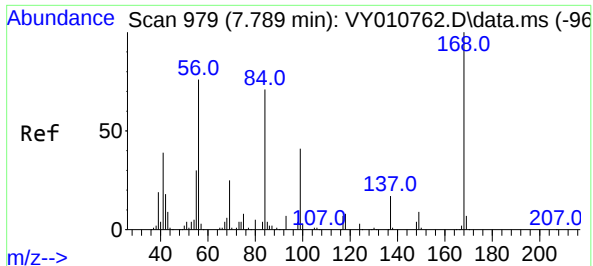
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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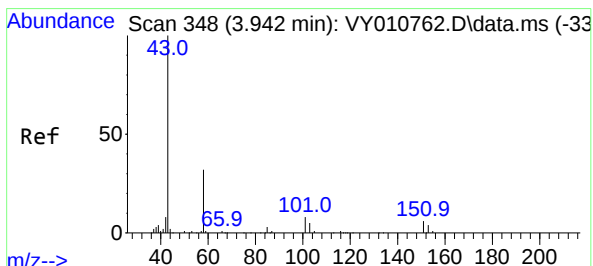
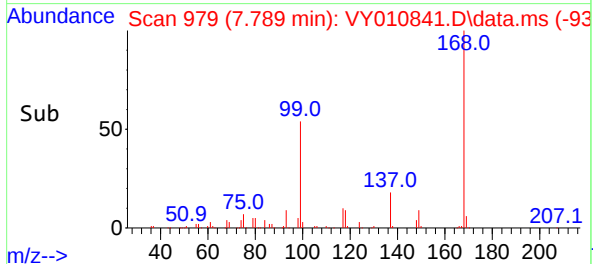
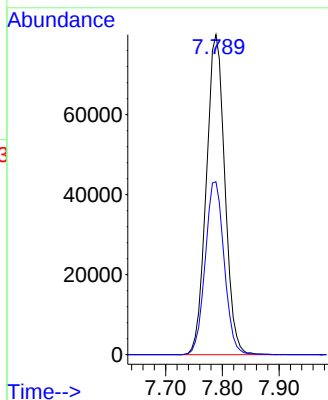
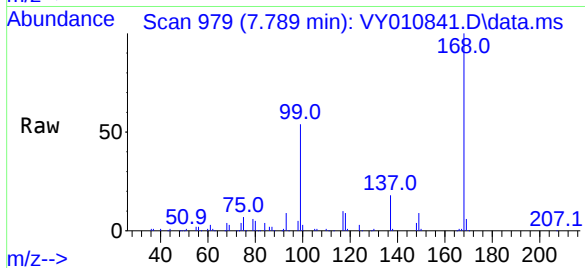




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

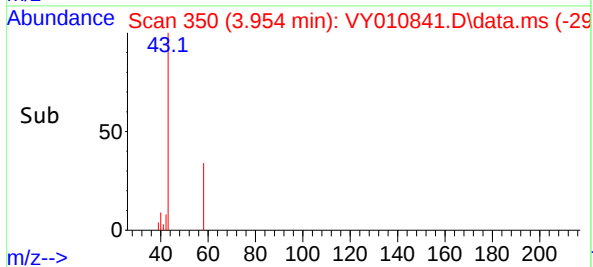
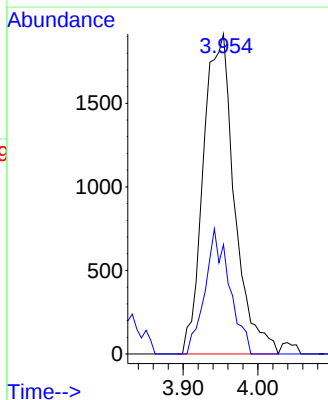
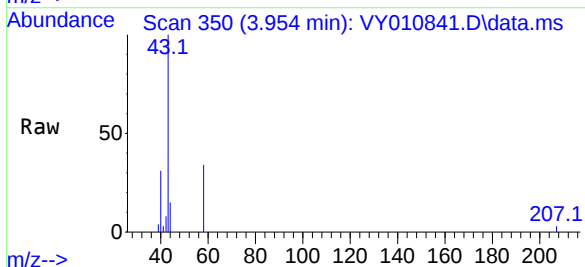
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18

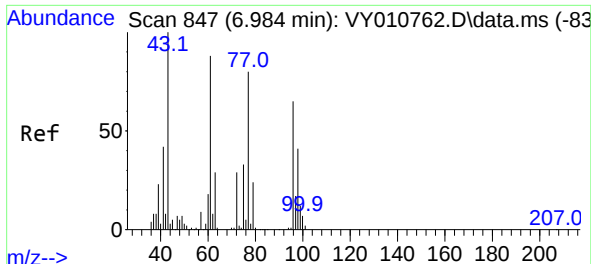
Tgt Ion:168 Resp: 181340
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 11.867 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

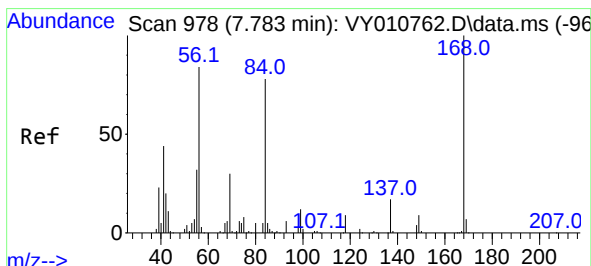
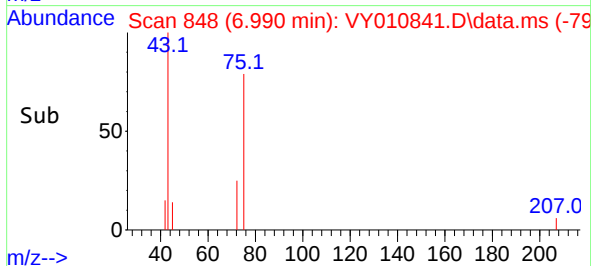
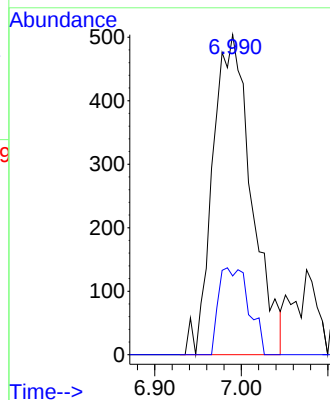
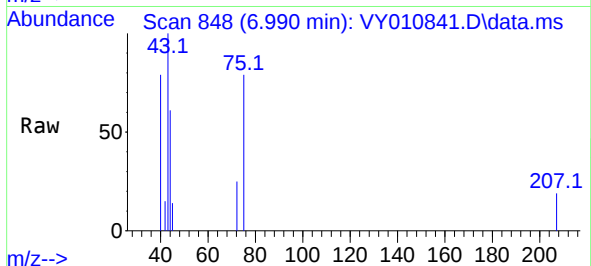




#25
2-Butanone
Concen: 2.339 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

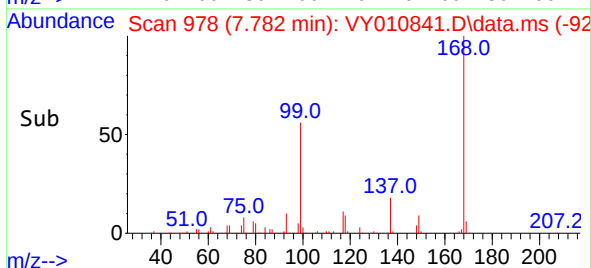
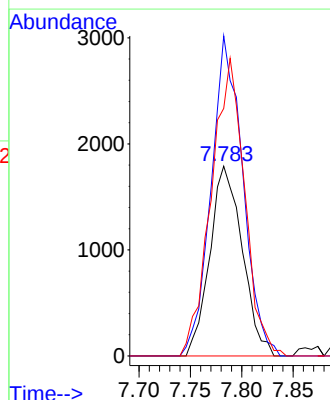
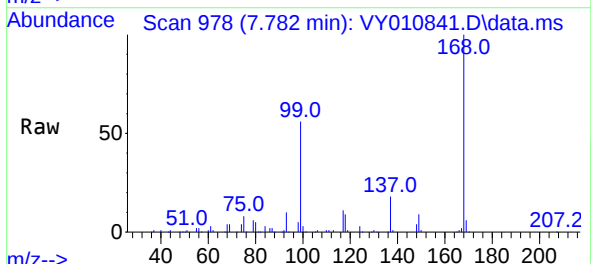
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18

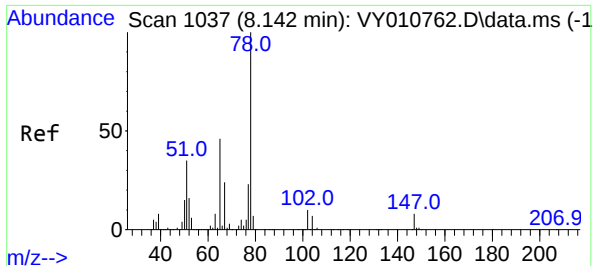
Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
72 24.6 17.7 26.5



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.001 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 56 Resp: 3932
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 130.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 68.562 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010841.D

Acq: 06 Oct 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

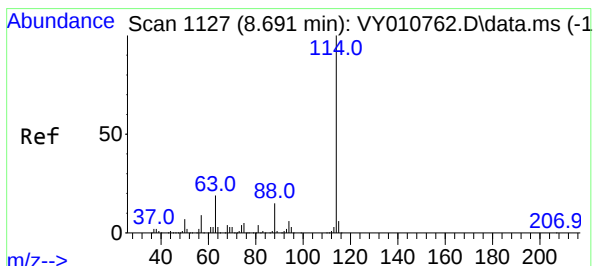
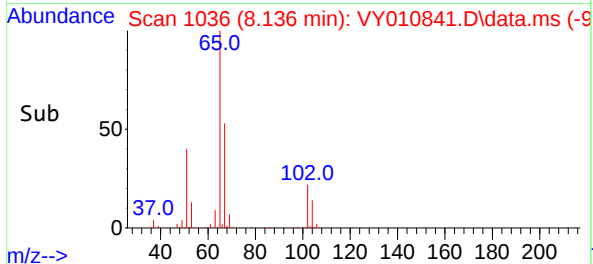
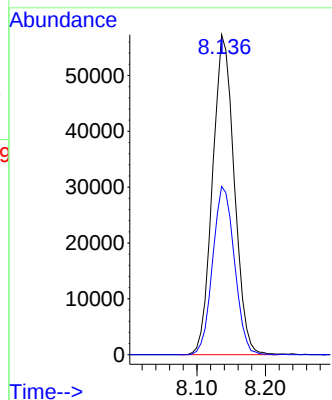
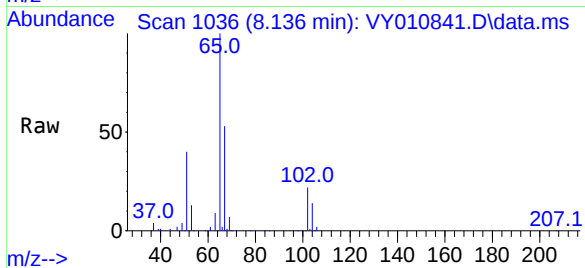
DA-7-18

Tgt Ion: 65 Resp: 126024

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY010841.D

Acq: 06 Oct 2022 13:51

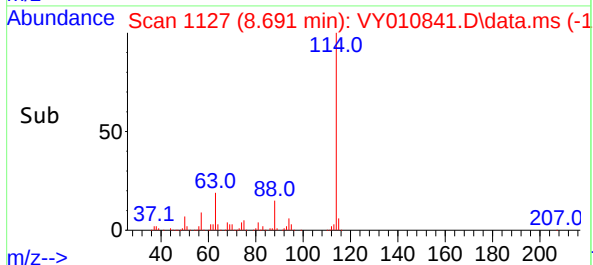
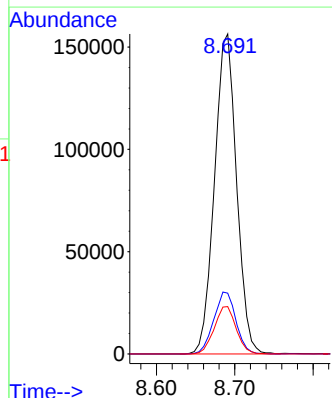
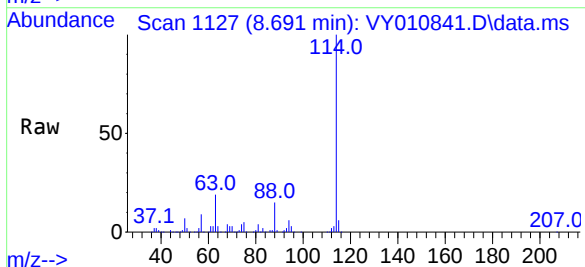
Tgt Ion: 114 Resp: 306363

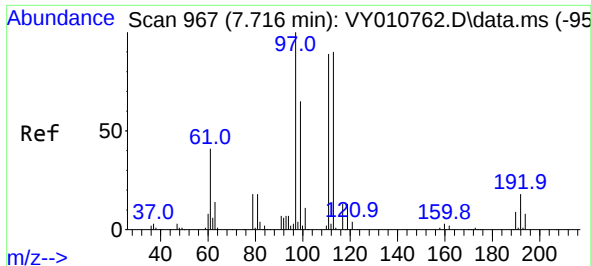
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8

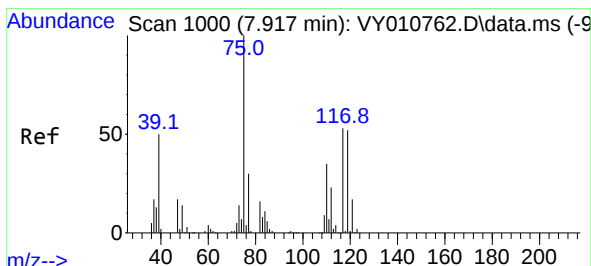
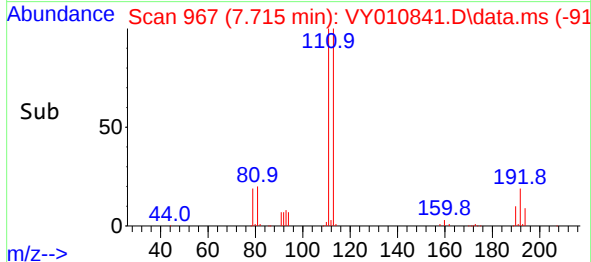
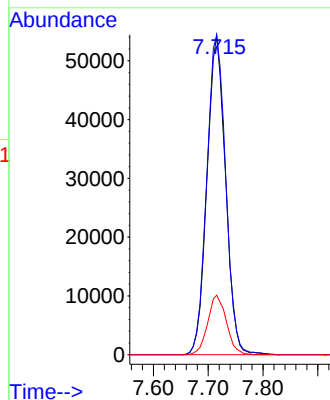
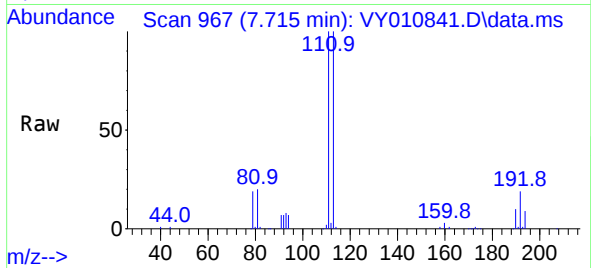




#35
Dibromofluoromethane
Concen: 62.639 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

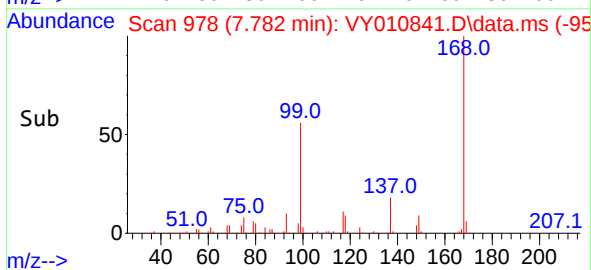
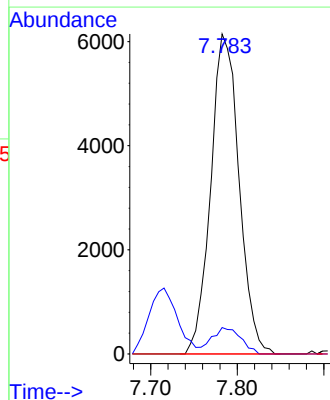
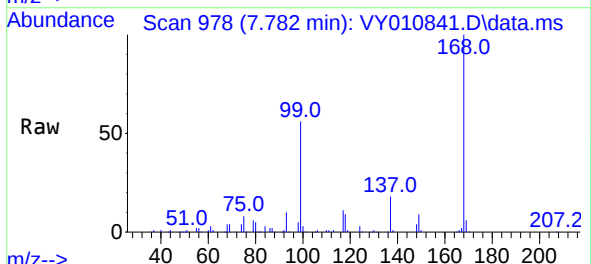
Instrument :
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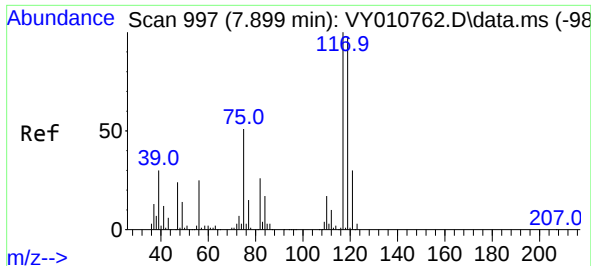
Tgt Ion:113 Resp: 127386
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 75 Resp: 13973
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#

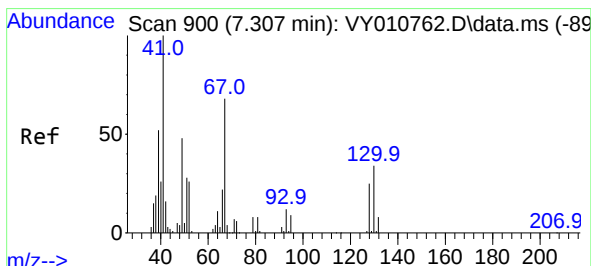
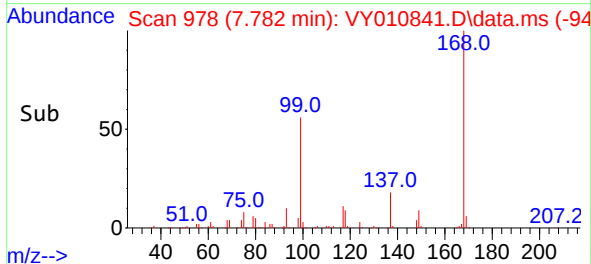
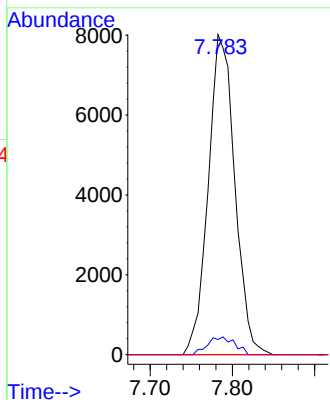
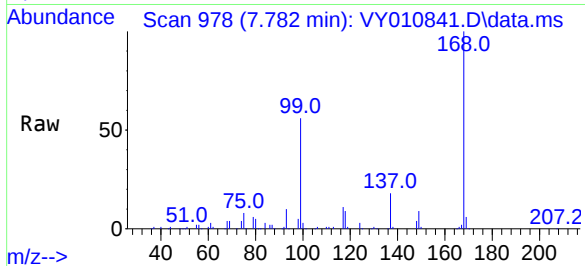




#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

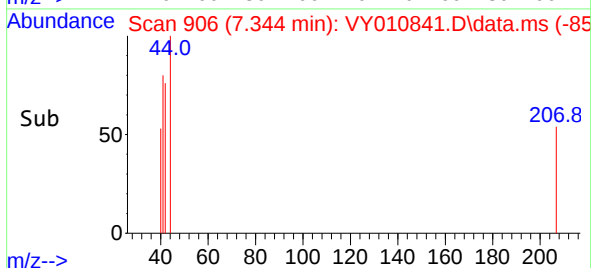
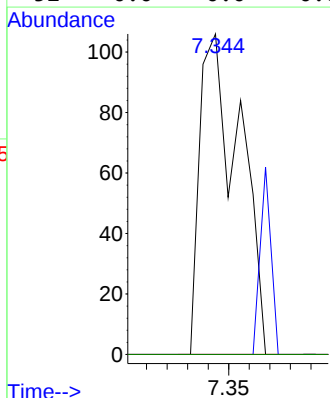
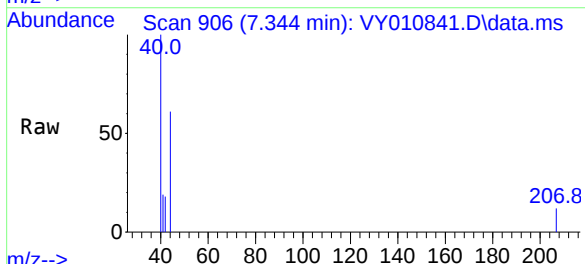
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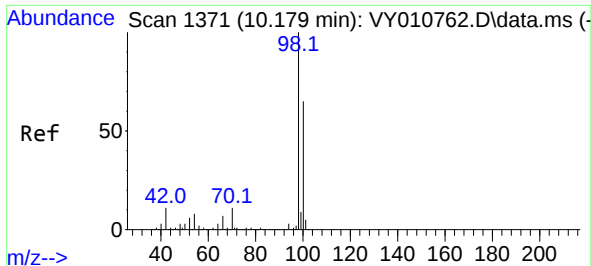
Tgt Ion:117 Resp: 17995
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.742 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 41 Resp: 143
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

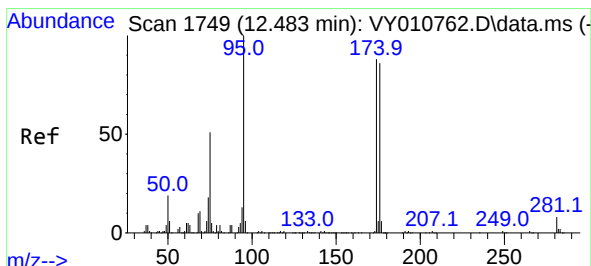
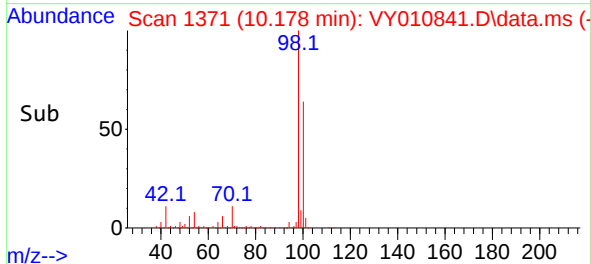
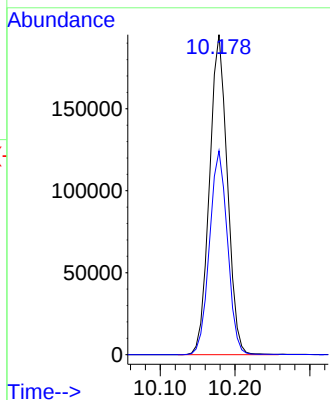
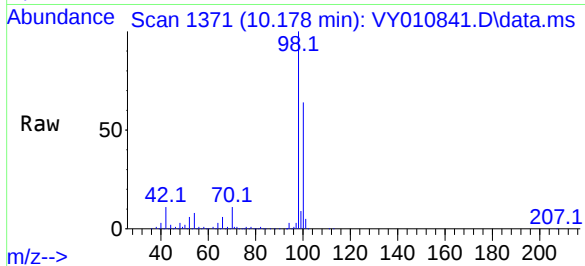




#50
Toluene-d8
Concen: 46.552 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

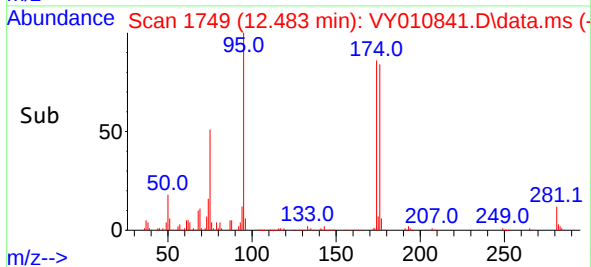
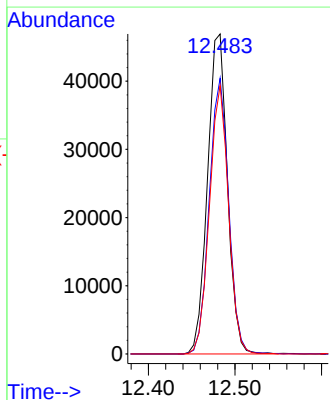
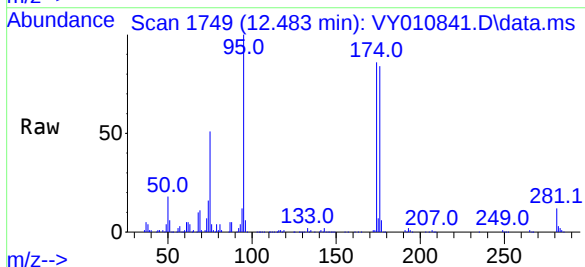
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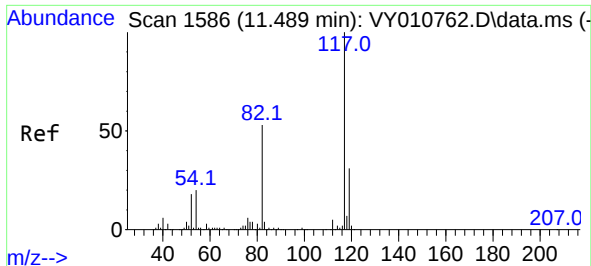
Tgt Ion: 98 Resp: 323763
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 95 Resp: 75029
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.3 0.0 175.8

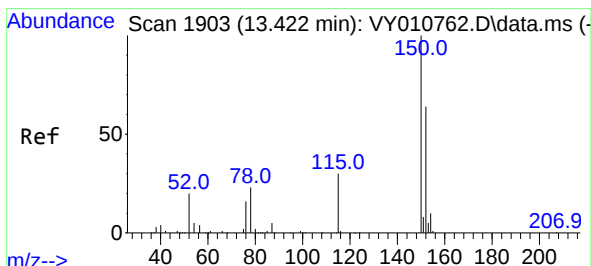
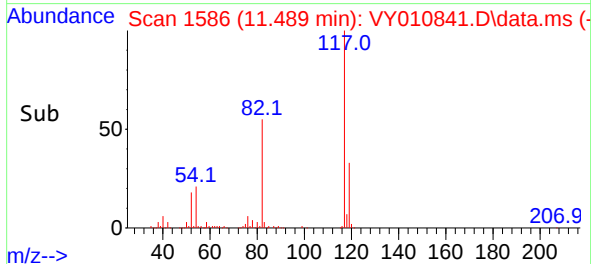
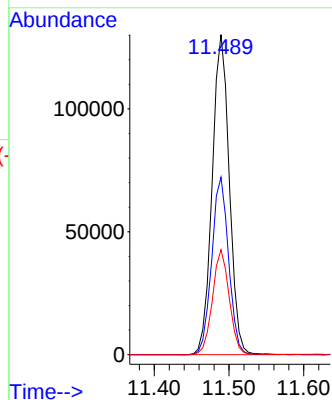
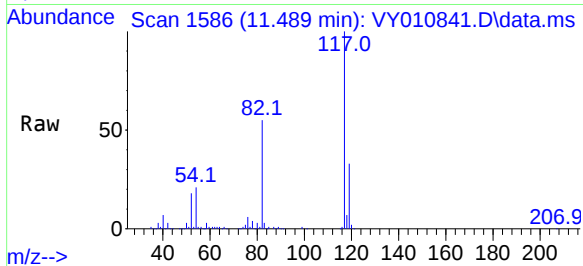




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

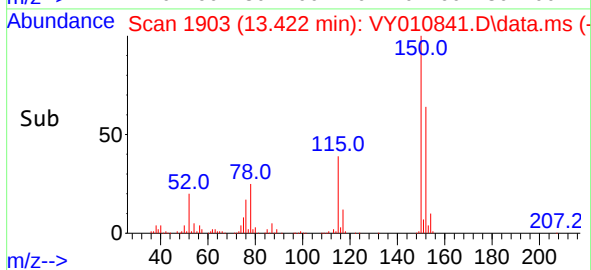
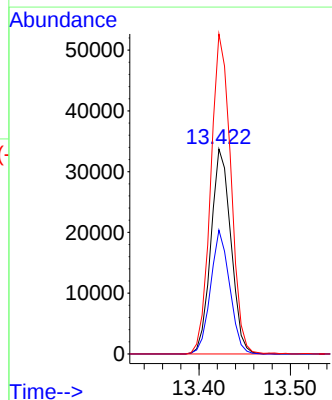
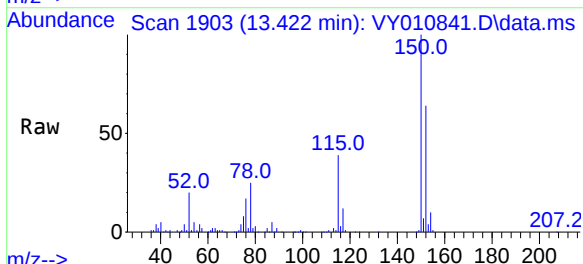
Instrument :
MSVOA_Y
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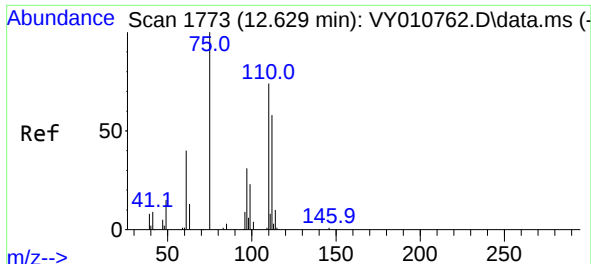
Tgt Ion:117 Resp: 207969
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion:152 Resp: 51209
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.9 0.0 347.6

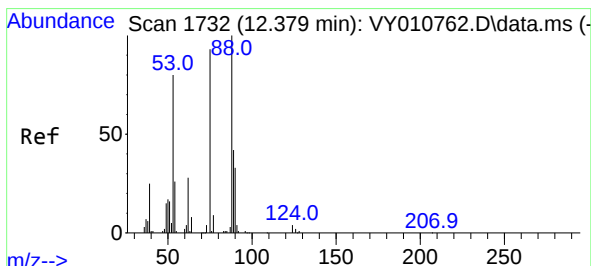
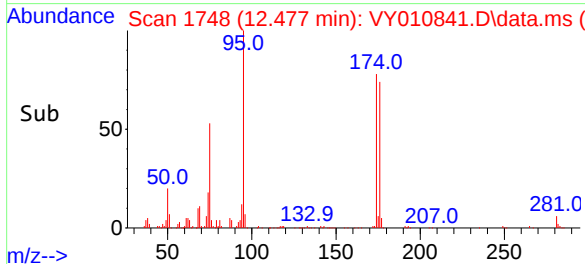
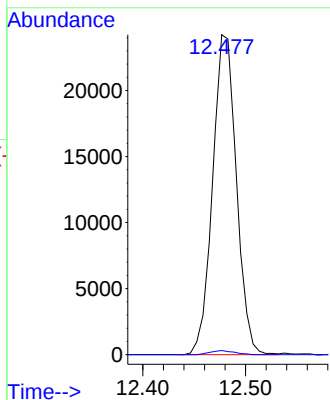
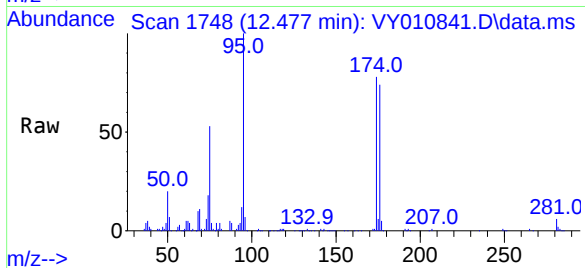




#76
1,2,3-Trichloropropane
Concen: 75.036 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18

Tgt Ion: 75 Resp: 38913
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.745 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010841.D
Acq: 06 Oct 2022 13:51

Tgt Ion: 75 Resp: 38913
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

