

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010804.D
 Acq On : 04 Oct 2022 18:34
 Operator : KP/MD
 Sample : N4960-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:33:51 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)

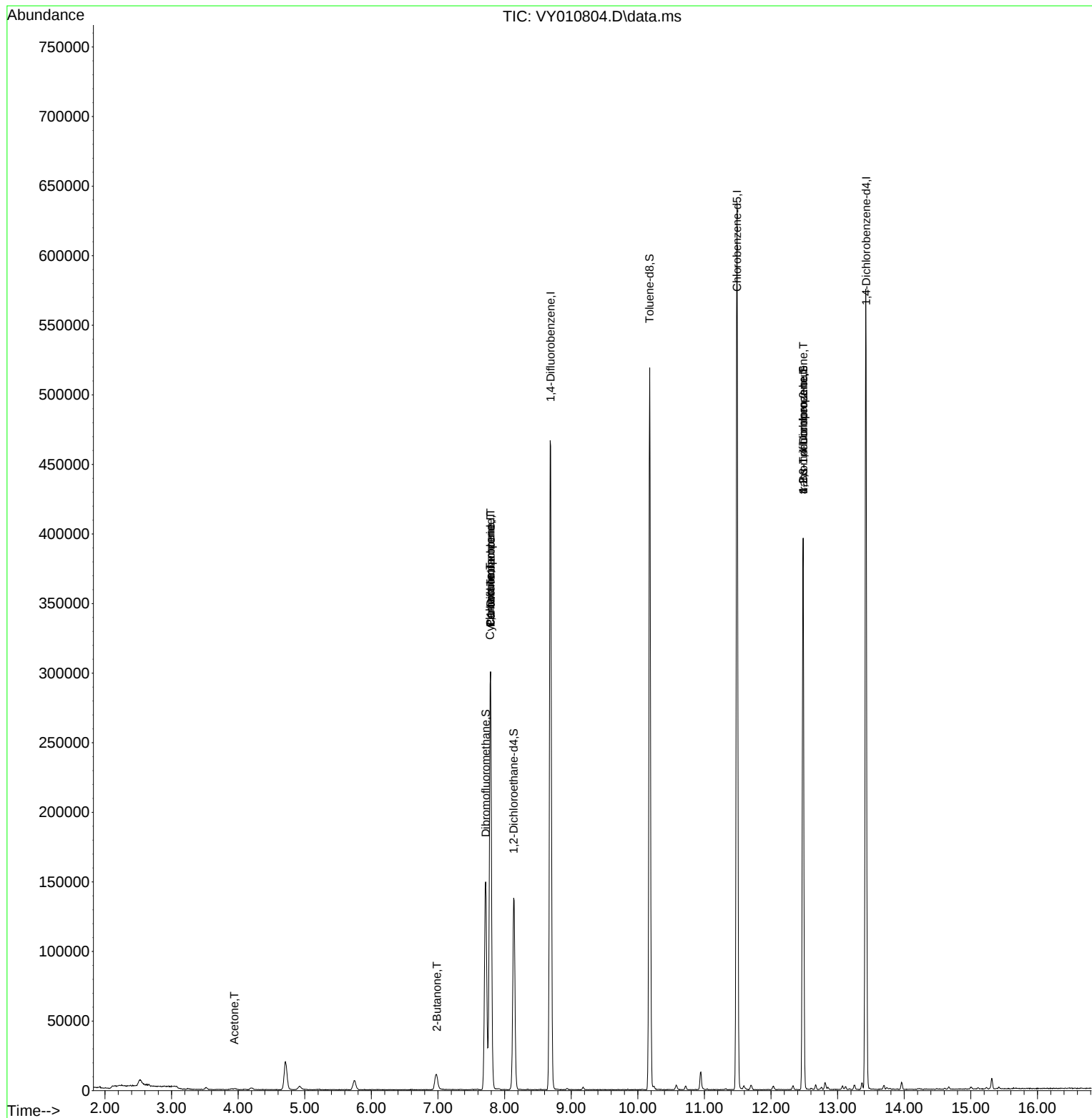
Internal Standards						
1) Pentafluorobenzene	7.789	168	231714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108295	46.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.716	113	107354	39.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.820%
50) Toluene-d8	10.179	98	333411	36.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.500%
62) 4-Bromofluorobenzene	12.483	95	118196	31.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	2495	Below Cal	#	77
16) Acetone	3.942	43	1567	2.627	ug/l	98
25) 2-Butanone	6.984	43	1220	1.423	ug/l	95
31) Cyclohexane	7.783	56	5403	1.285	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17905	4.611	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23025	5.694	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62066	41.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62066	86.666	ug/l #	7

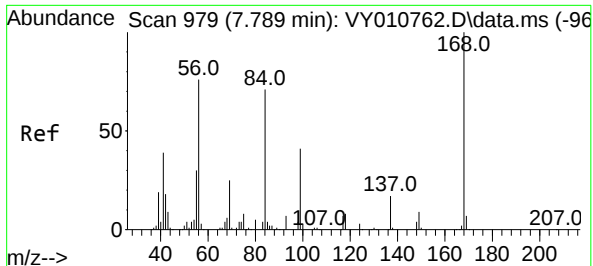
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
Data File : VY010804.D
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QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

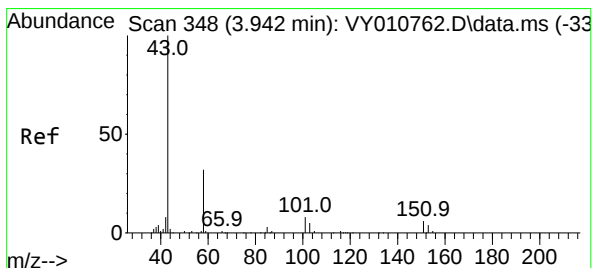
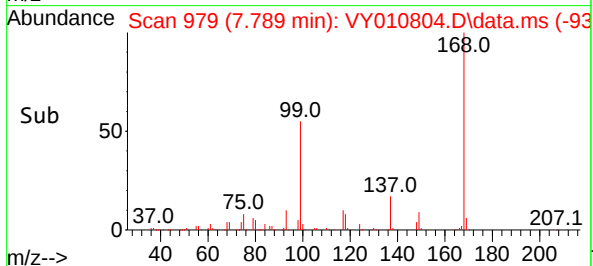
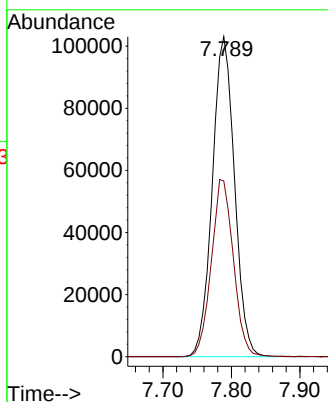
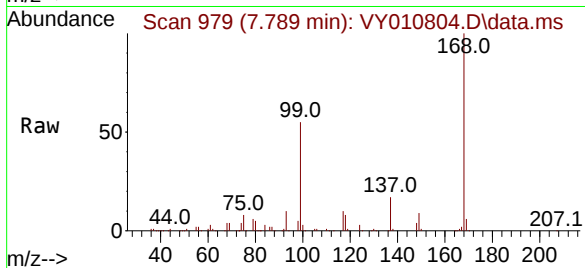




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

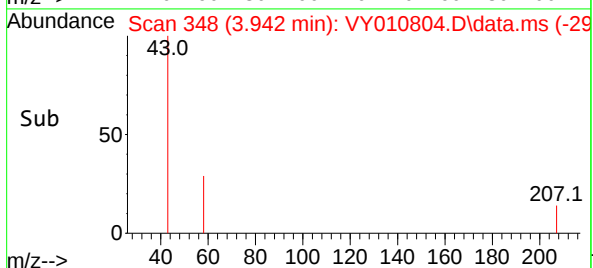
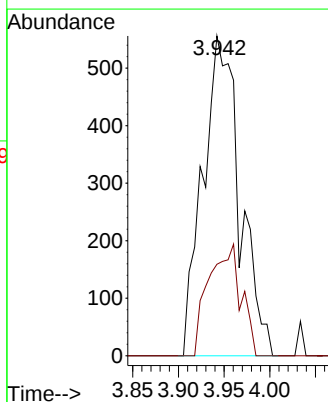
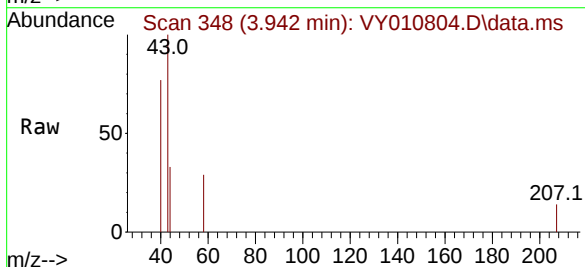
Instrument :
MSVOA_Y
ClientSampleId :

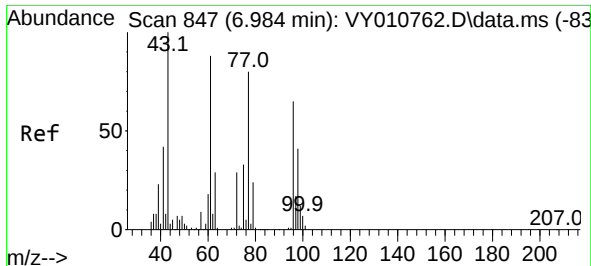
Tgt Ion:168 Resp: 231714
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#16
Acetone
Concen: 2.627 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

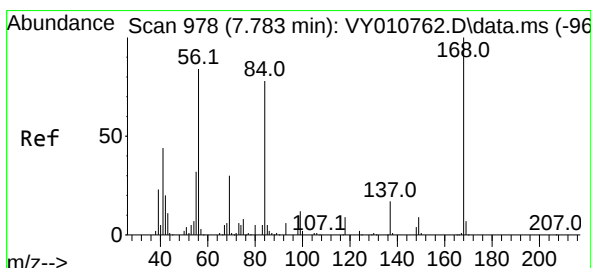
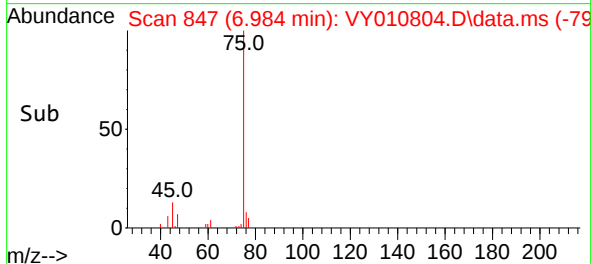
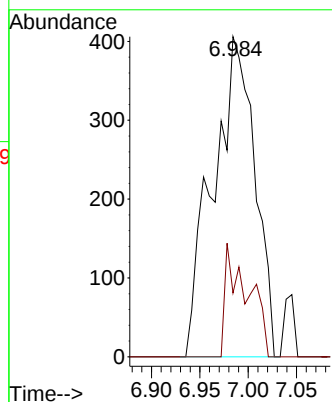
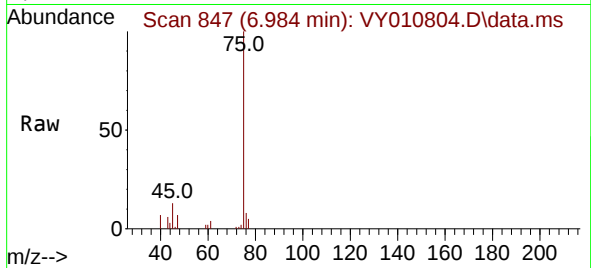




#25
2-Butanone
Concen: 1.423 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

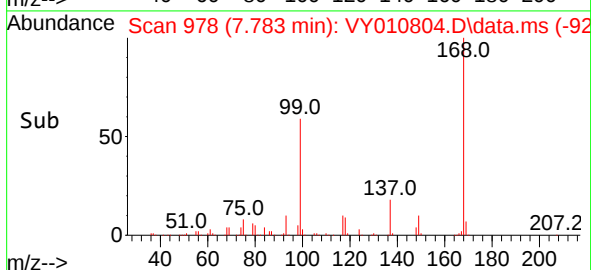
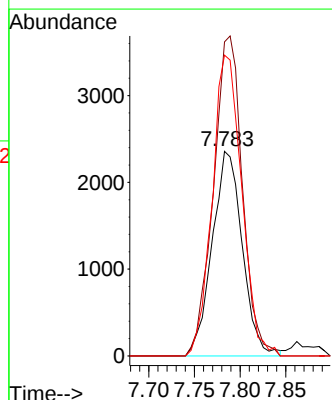
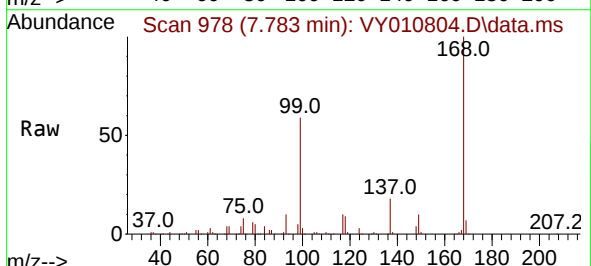
Instrument :
MSVOA_Y
ClientSampleId :

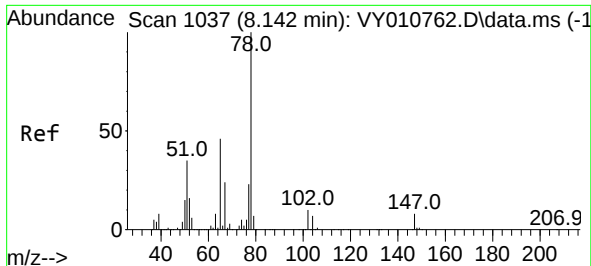
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
72 20.0 17.7 26.5



#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 56 Resp: 5403
Ion Ratio Lower Upper
56 100
69 153.5 26.7 40.1#
84 146.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 46.108 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010804.D

Acq: 04 Oct 2022 18:34

Instrument :

MSVOA_Y

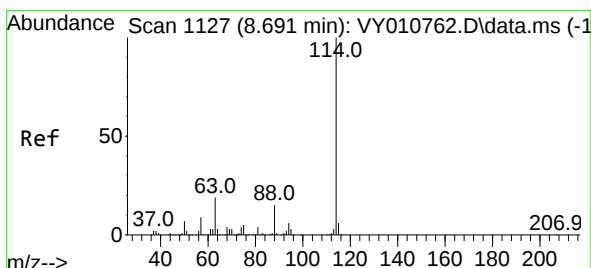
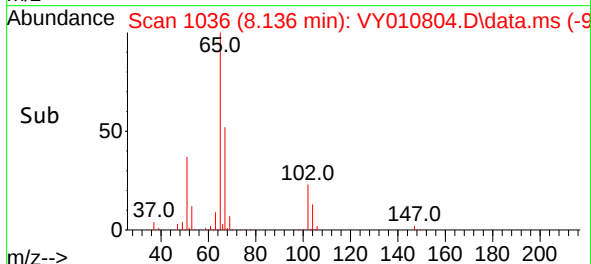
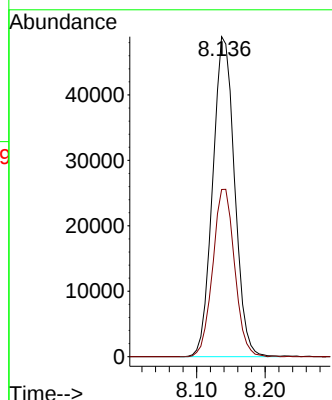
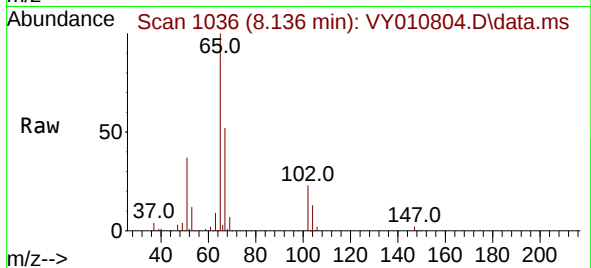
ClientSampleId :

Tgt Ion: 65 Resp: 108295

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010804.D

Acq: 04 Oct 2022 18:34

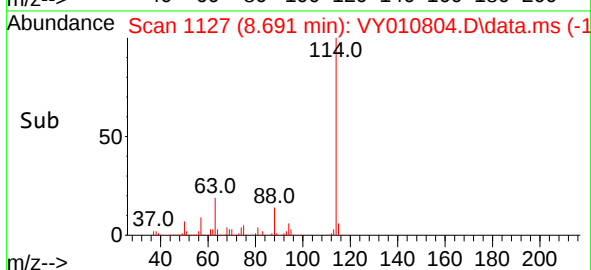
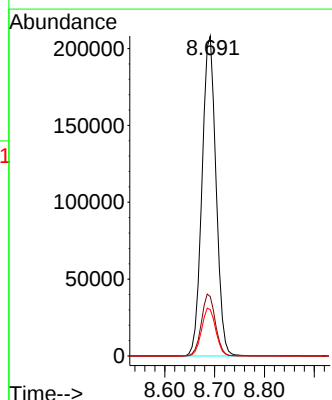
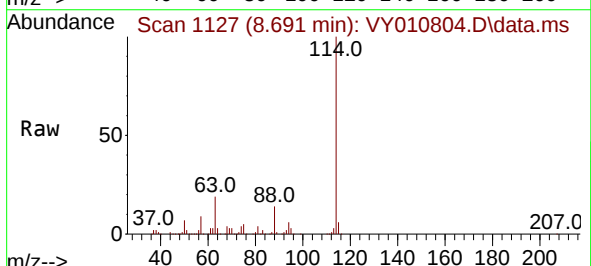
Tgt Ion:114 Resp: 405179

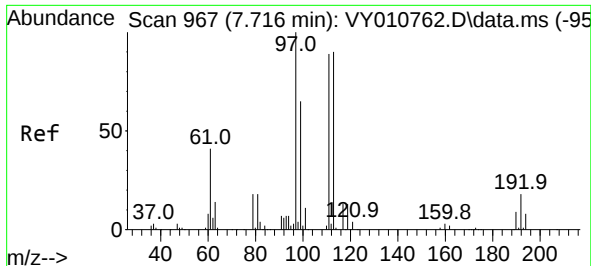
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

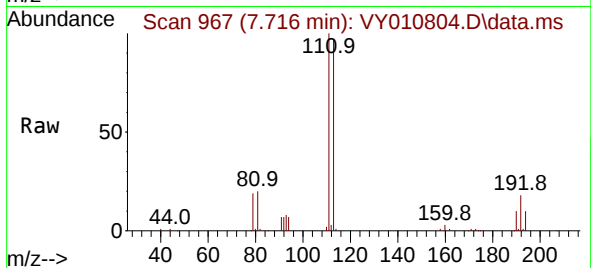
88 14.5 0.0 31.8



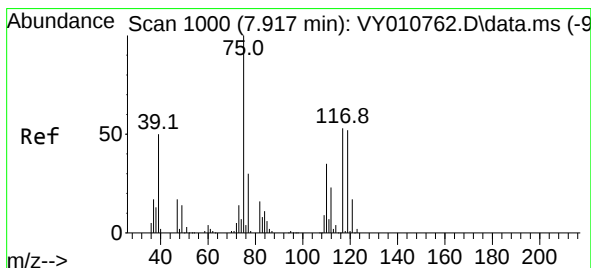
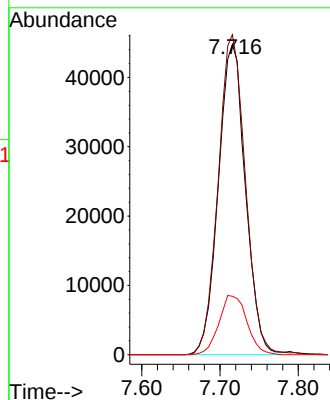
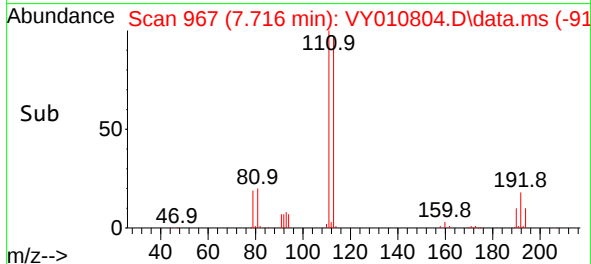


#35
Dibromofluoromethane
Concen: 39.914 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :

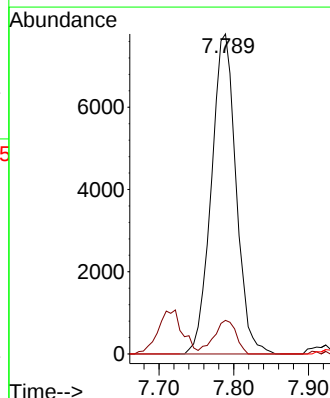
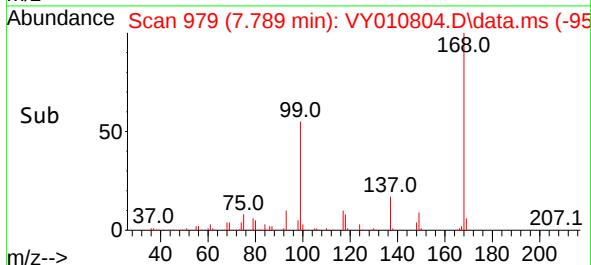
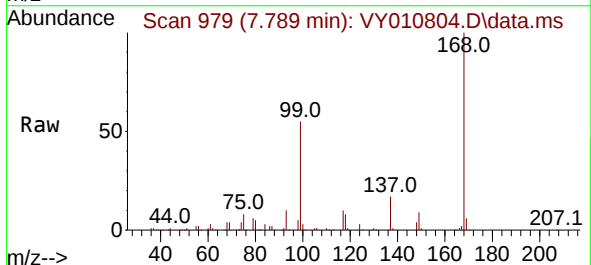


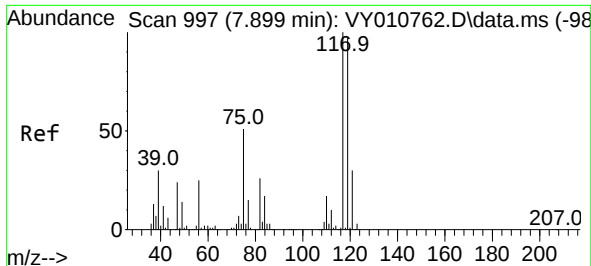
Tgt Ion:113 Resp: 107354
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

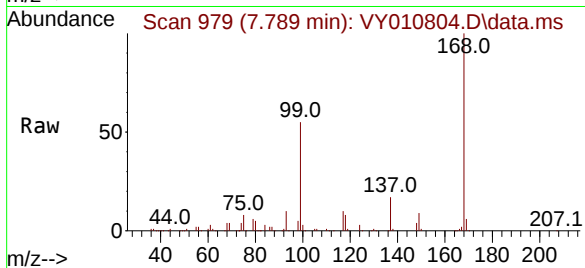
Tgt Ion: 75 Resp: 17905
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



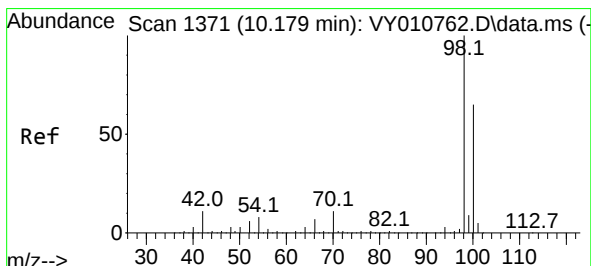
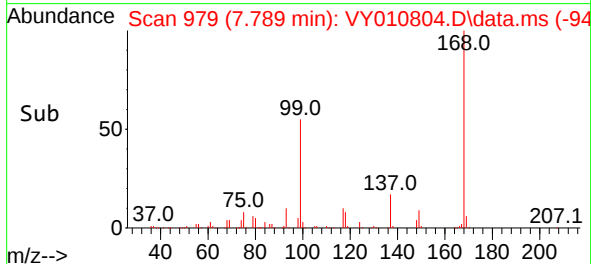
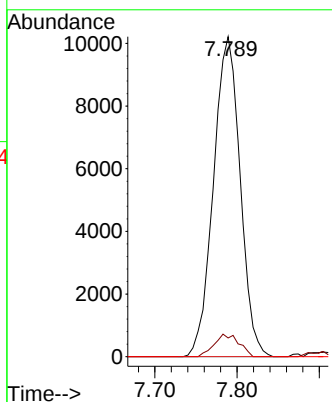


#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :

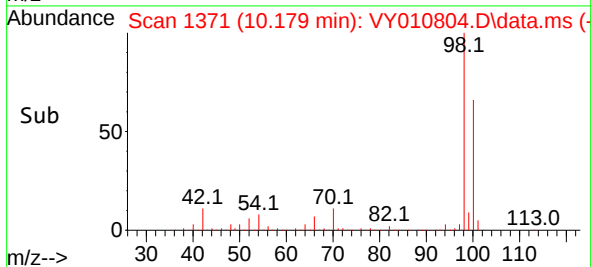
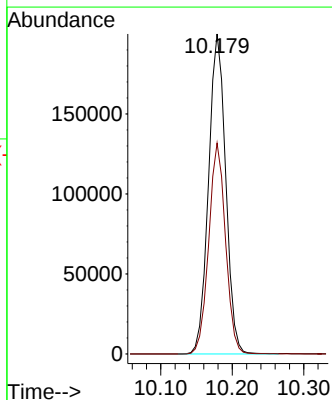
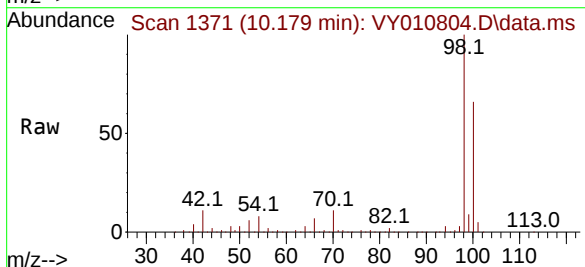


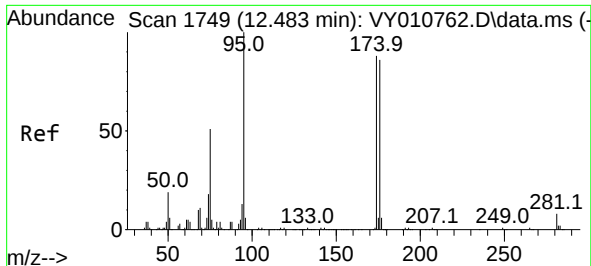
Tgt Ion:117 Resp: 23025
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 36.248 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 98 Resp: 333411
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

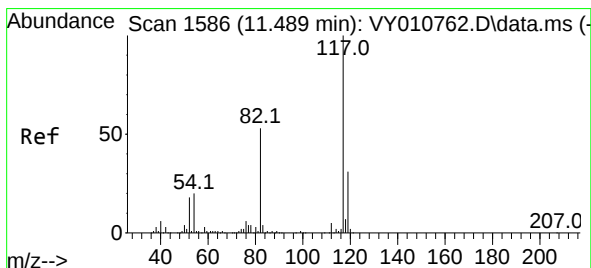
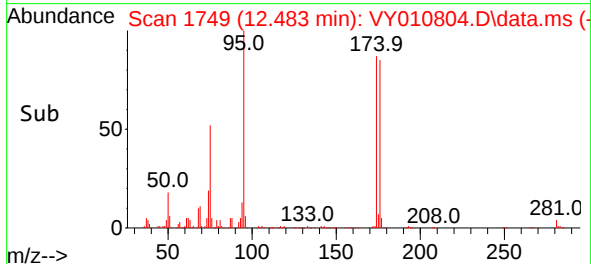
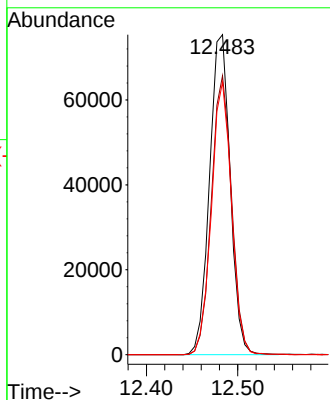
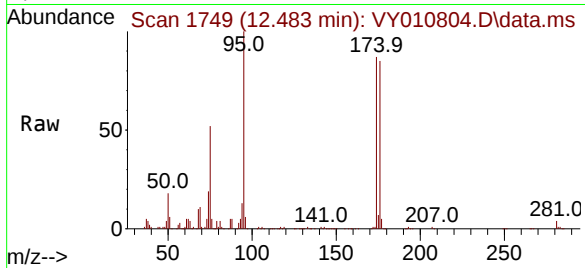




#62
4-Bromofluorobenzene
Concen: 31.532 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

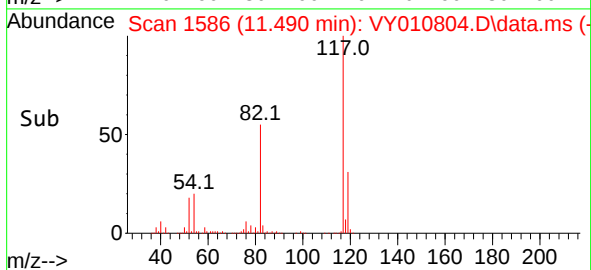
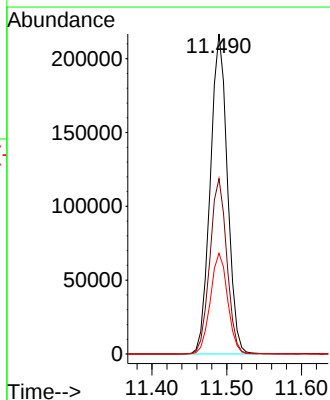
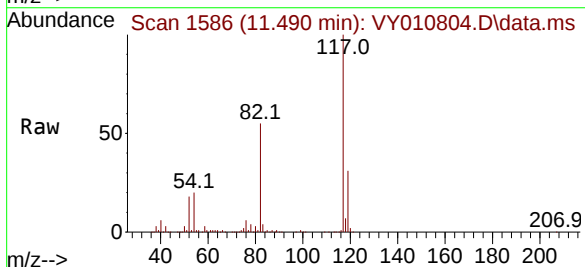
Instrument :
MSVOA_Y
ClientSampleId :

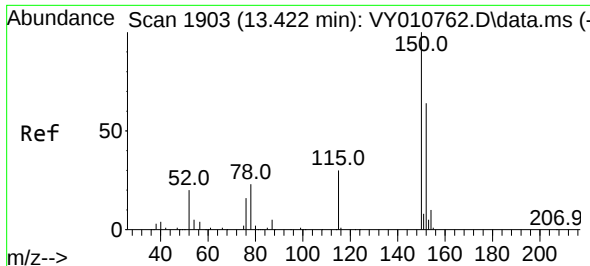
Tgt Ion: 95 Resp: 118196
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 117 Resp: 346082
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.5 25.4 38.0

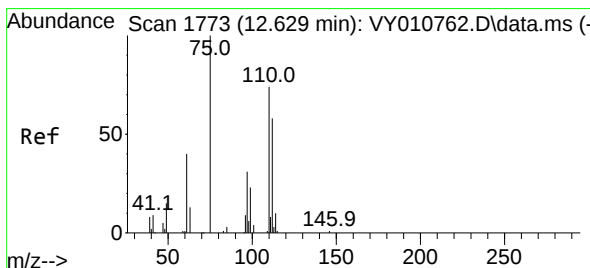
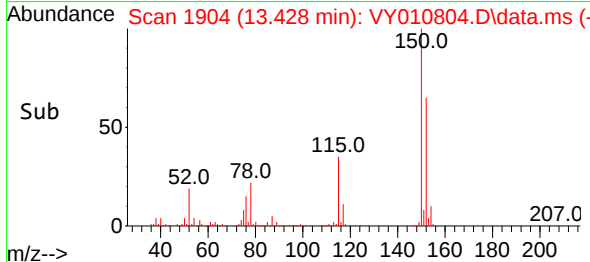
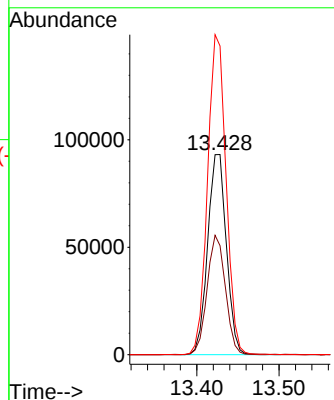
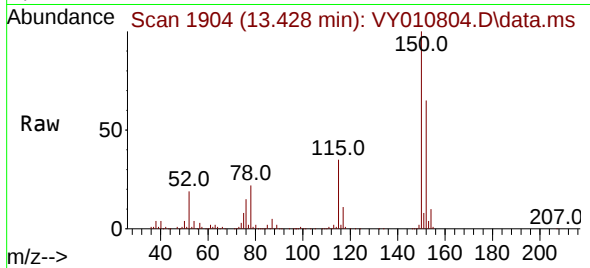




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VY010804.D
 Acq: 04 Oct 2022 18:34

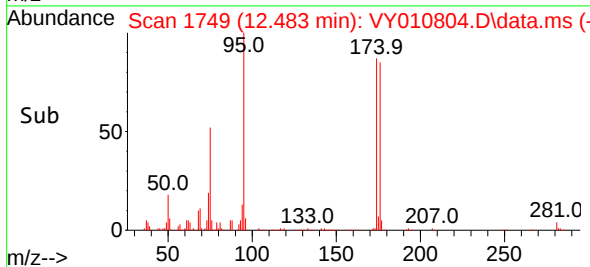
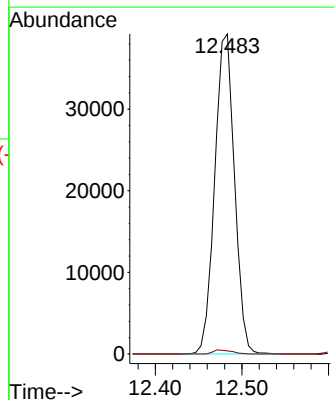
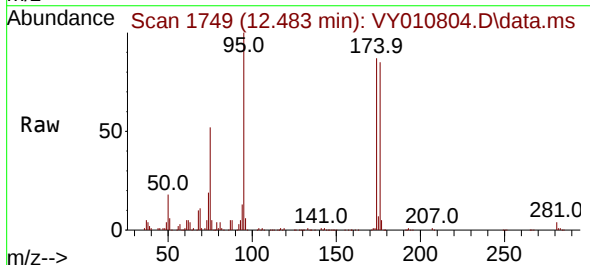
Instrument :
 MSVOA_Y
 ClientSampleId :

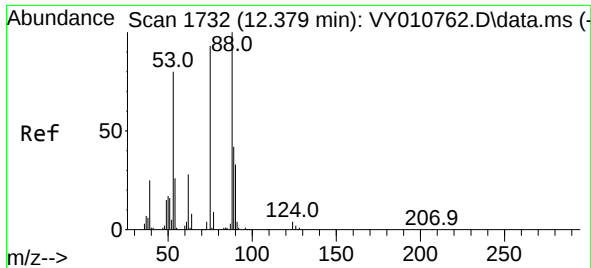
Tgt Ion:152 Resp: 147723
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.489 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010804.D
 Acq: 04 Oct 2022 18:34

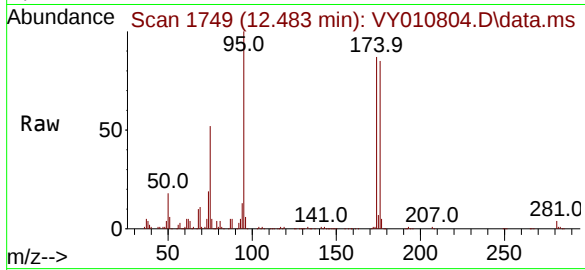
Tgt Ion: 75 Resp: 62066
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.666 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010804.D
 Acq: 04 Oct 2022 18:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62066
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

