

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
 Data File : VY012506.D
 Acq On : 06 Feb 2023 19:30
 Operator : KP/MD
 Sample : 01442-01
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 03:48:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 03:42:26 2023
 Response via : Initial Calibration

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

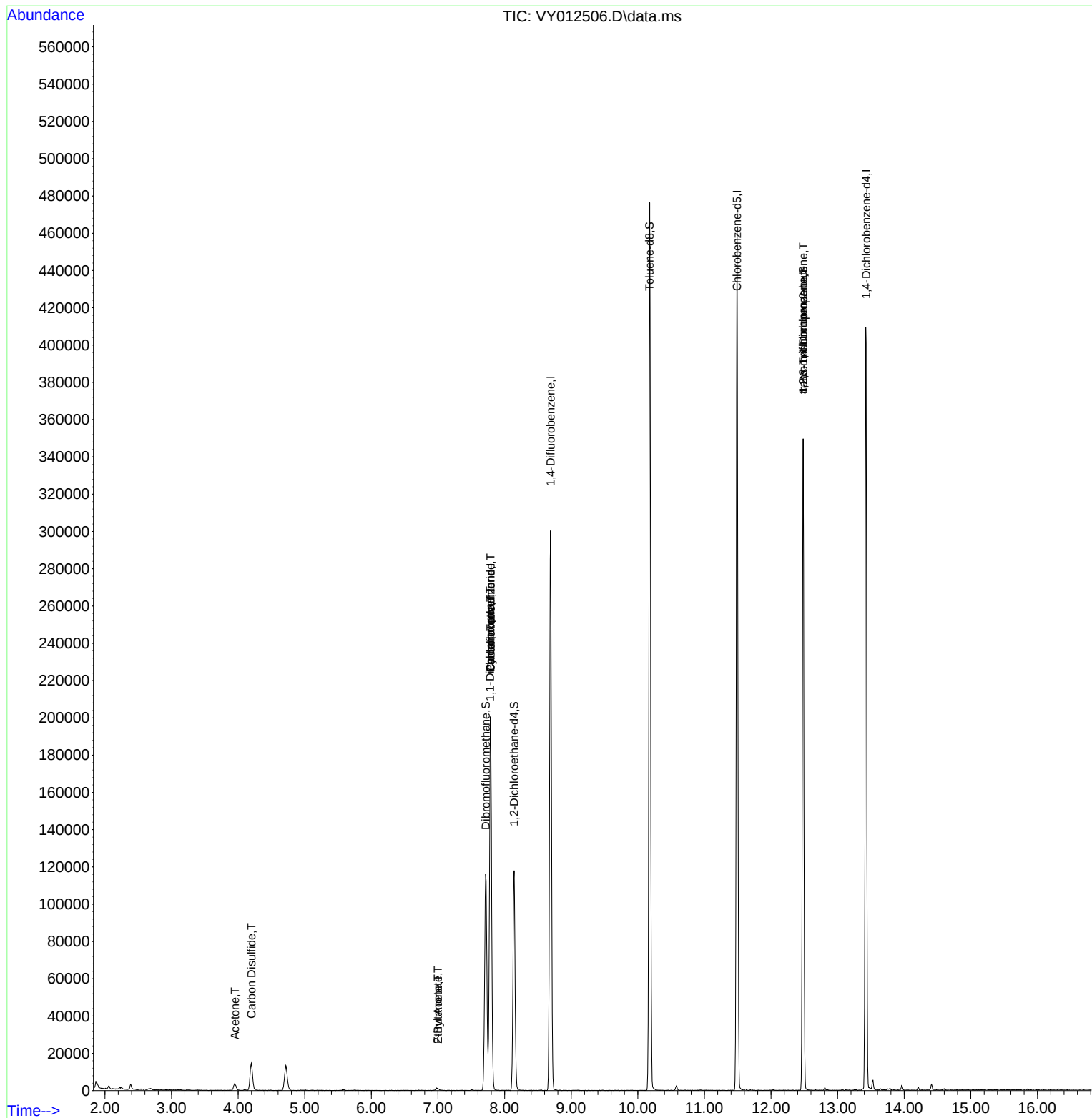
Internal Standards						
1) Pentafluorobenzene	7.789	168	158759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97191	49.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.716	113	79380	42.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.740%		
50) Toluene-d8	10.178	98	314614	40.404	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.800%		
62) 4-Bromofluorobenzene	12.483	95	101241	38.686	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.380%		
Target Compounds						Qvalue
5) Bromomethane	2.674	94	262	Below Cal		87
11) Tert butyl alcohol	4.960	59	334	Below Cal	#	74
16) Acetone	3.954	43	6433	13.234	ug/l	95
17) Carbon Disulfide	4.198	76	30014	7.357	ug/l	100
25) 2-Butanone	6.996	43	1920	3.441	ug/l #	81
31) Cyclohexane	7.789	56	2981	1.253	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	10096	3.986	ug/l #	51
37) Ethyl Acetate	6.996	43	1920	1.571	ug/l #	68
38) Carbon Tetrachloride	7.789	117	15203	4.461	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	53528	41.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53528	92.971	ug/l #	13

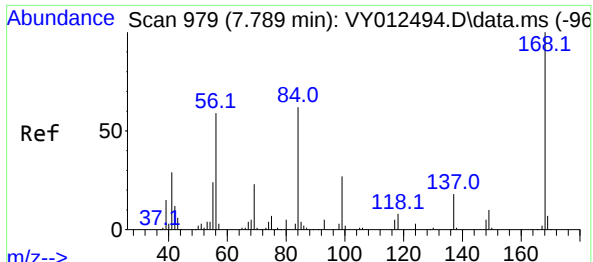
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
Data File : VY012506.D
Acq On : 06 Feb 2023 19:30
Operator : KP/MD
Sample : 01442-01
Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

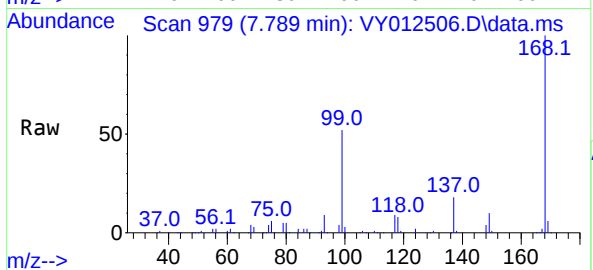
Quant Time: Feb 07 03:48:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 03:42:26 2023
Response via : Initial Calibration



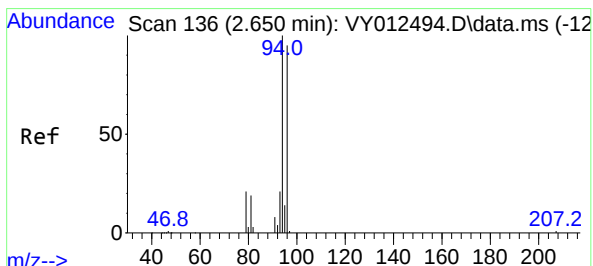
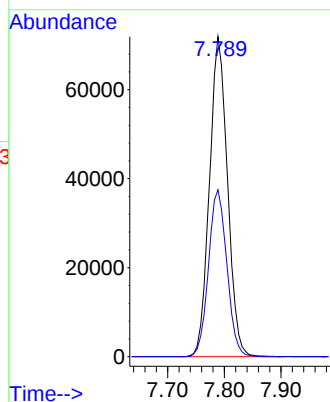
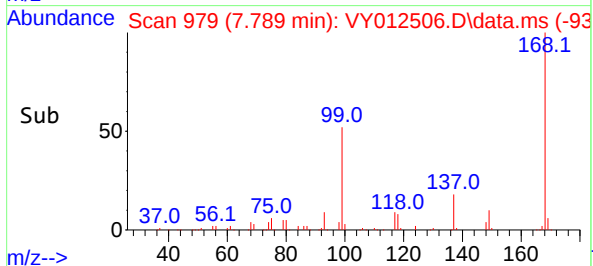


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :

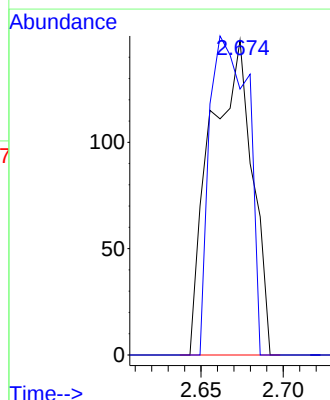
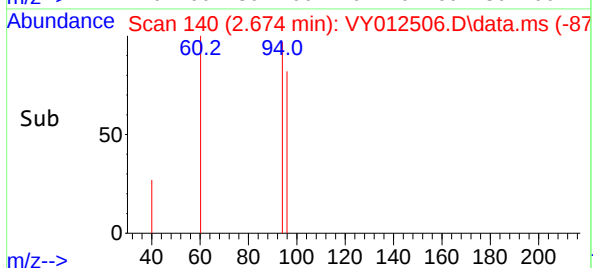
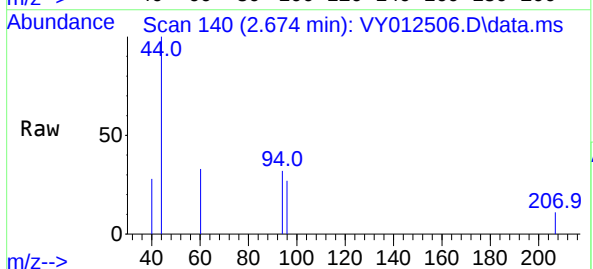


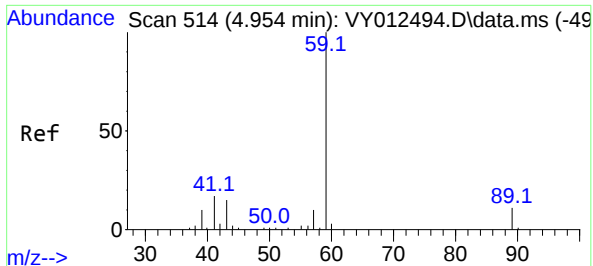
Tgt Ion:168 Resp: 158759
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 84.5 77.4 116.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY012506.D

Acq: 06 Feb 2023 19:30

Instrument :

MSVOA_Y

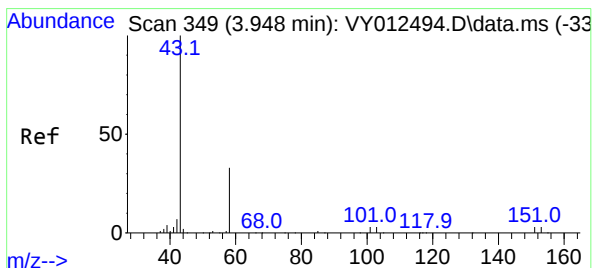
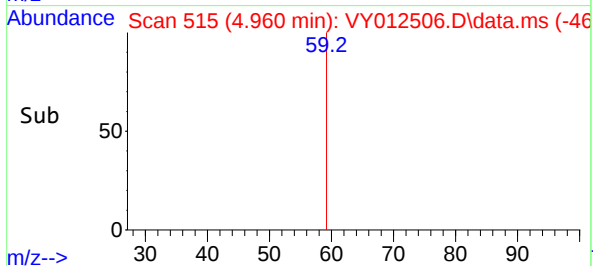
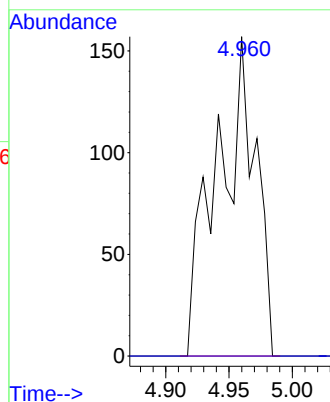
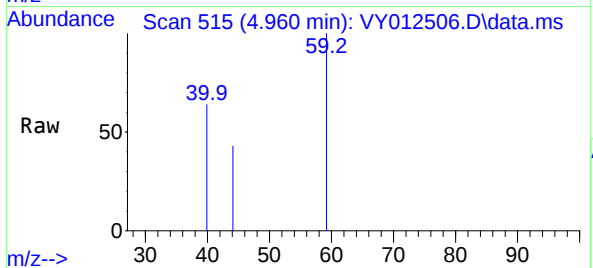
ClientSampleId :

Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 13.234 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY012506.D

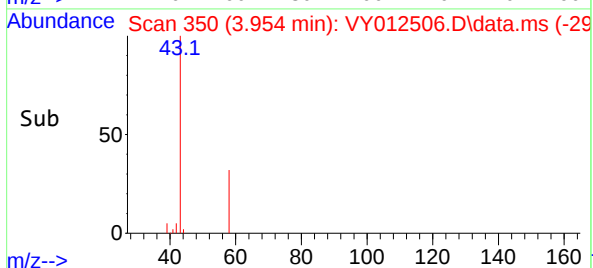
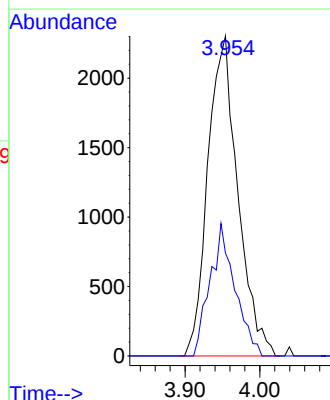
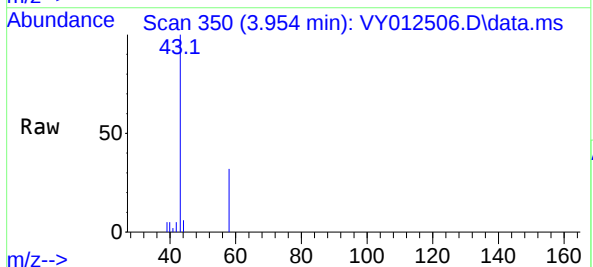
Acq: 06 Feb 2023 19:30

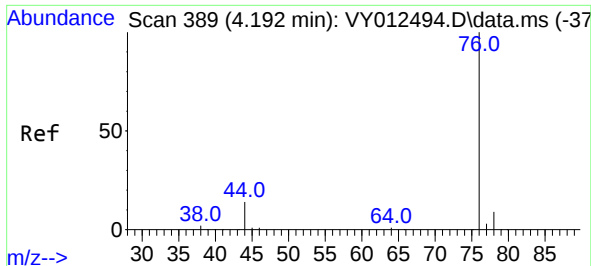
Tgt Ion: 43 Resp: 6433

Ion Ratio Lower Upper

43 100

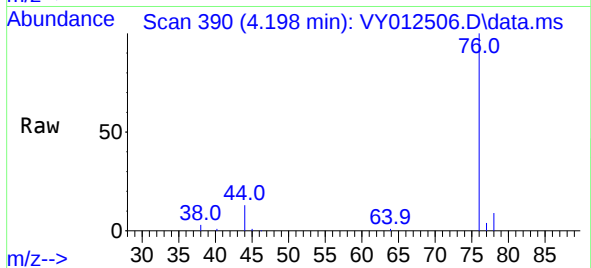
58 32.1 27.9 41.9



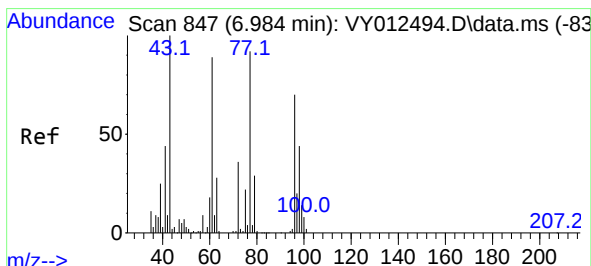
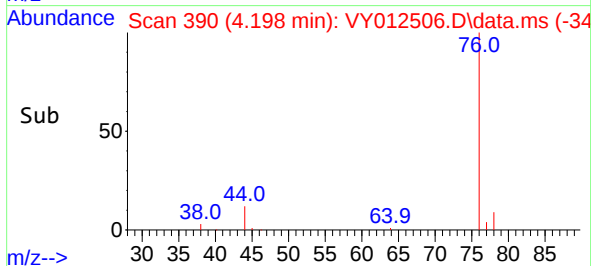
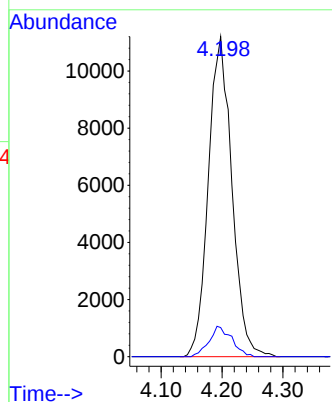


#17
Carbon Disulfide
Concen: 7.357 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :

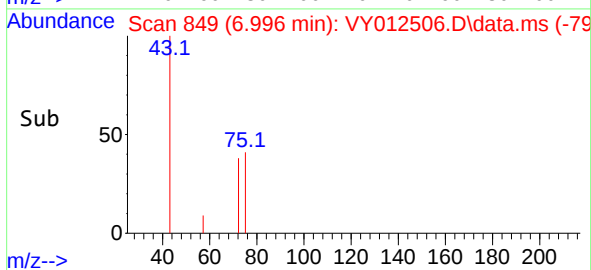
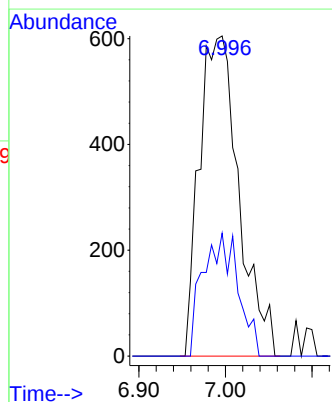
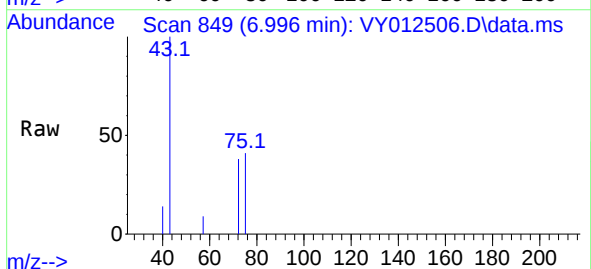


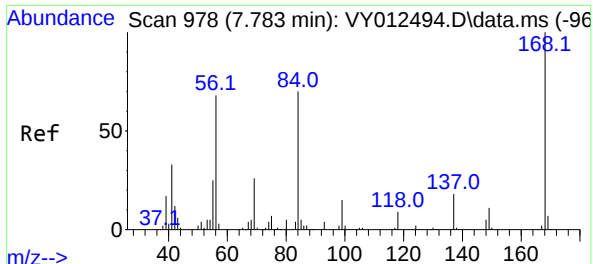
Tgt Ion: 76 Resp: 30014
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#25
2-Butanone
Concen: 3.441 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

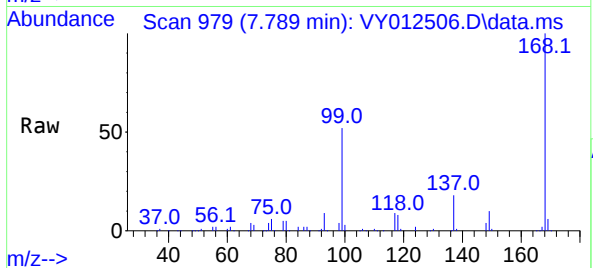
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
72 38.3 22.6 34.0#



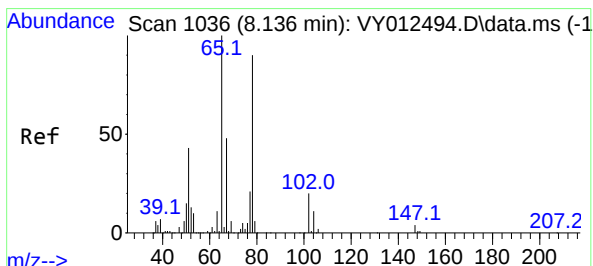
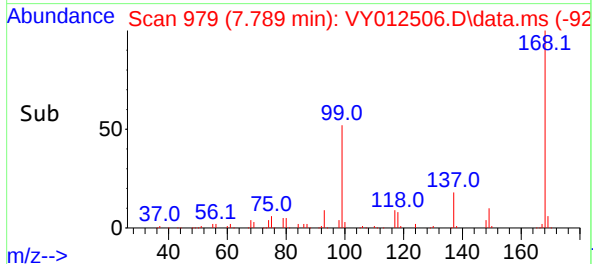
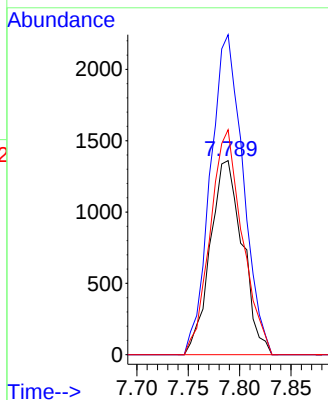


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :

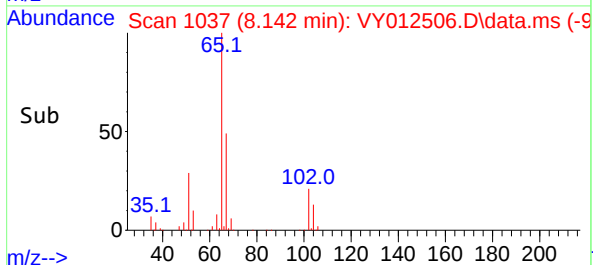
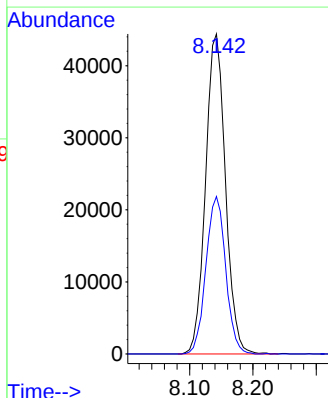
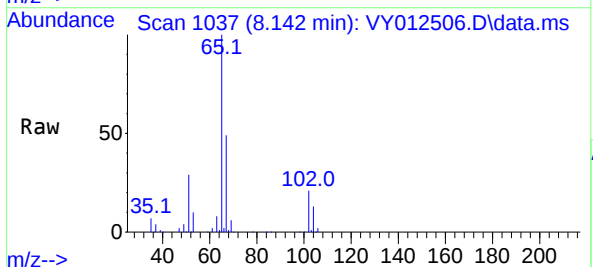


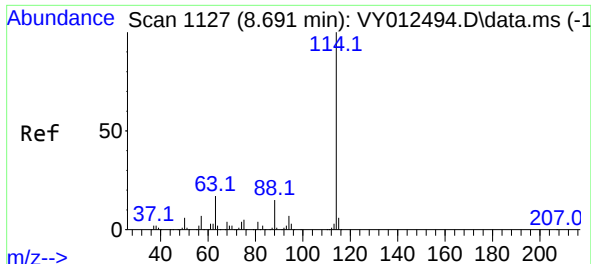
Tgt Ion: 56 Resp: 2981
Ion Ratio Lower Upper
56 100
69 164.8 29.2 43.8#
84 115.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 49.334 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Tgt Ion: 65 Resp: 97191
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012506.D

Acq: 06 Feb 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

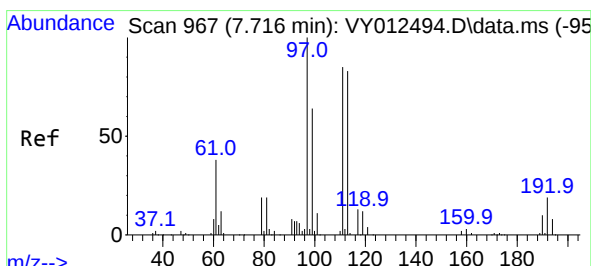
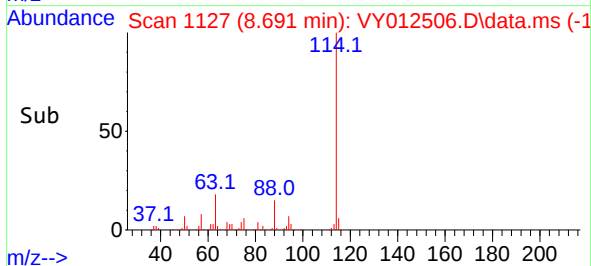
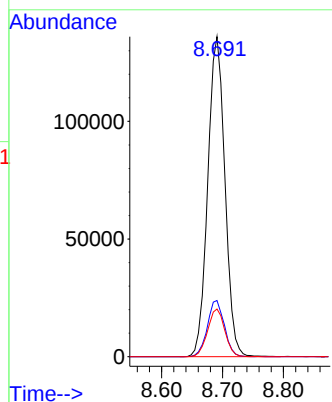
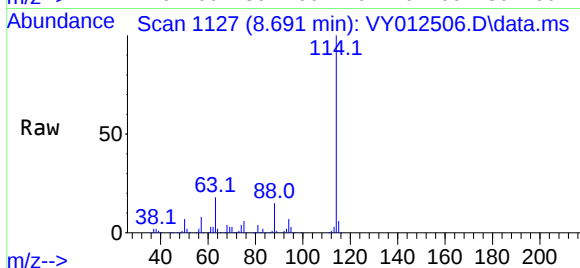
Tgt Ion:114 Resp: 265584

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 42.374 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012506.D

Acq: 06 Feb 2023 19:30

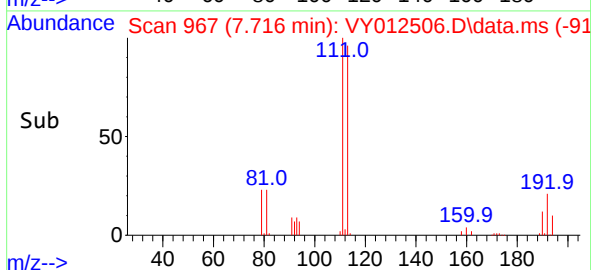
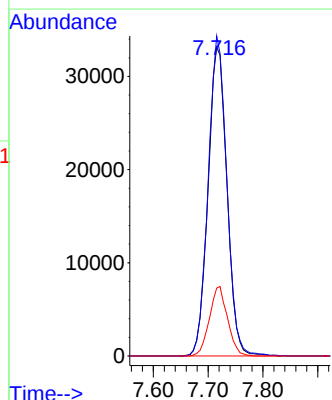
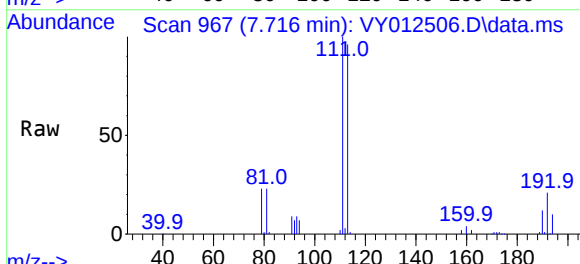
Tgt Ion:113 Resp: 79380

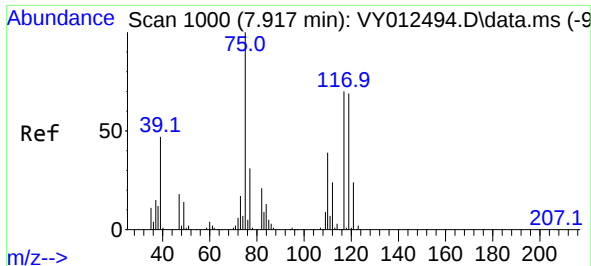
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

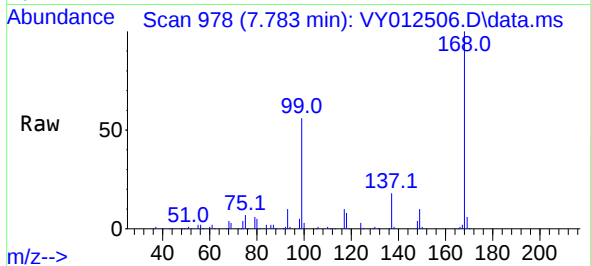
192 21.4 16.0 24.0



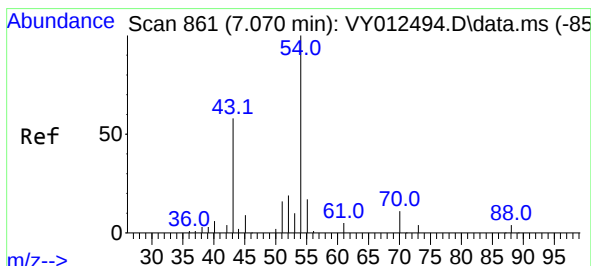
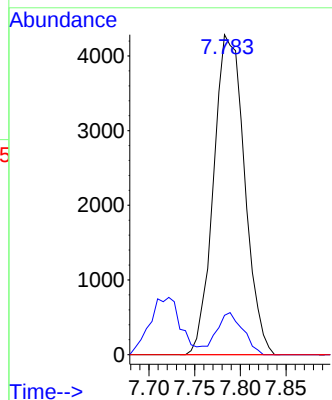
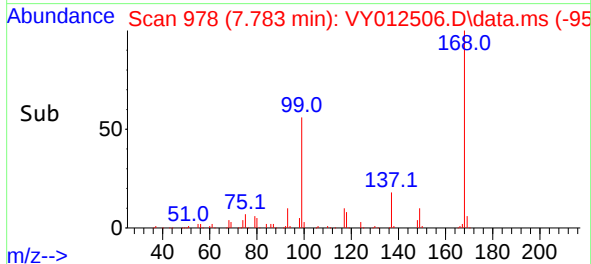


#36
1,1-Dichloropropene
Concen: 3.986 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

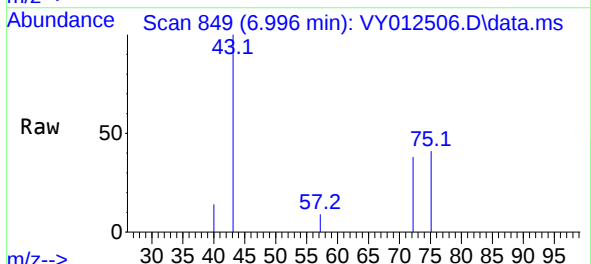
Instrument :
MSVOA_Y
ClientSampleId :



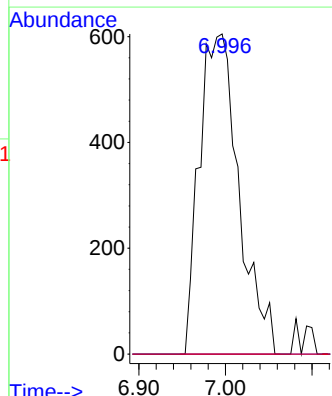
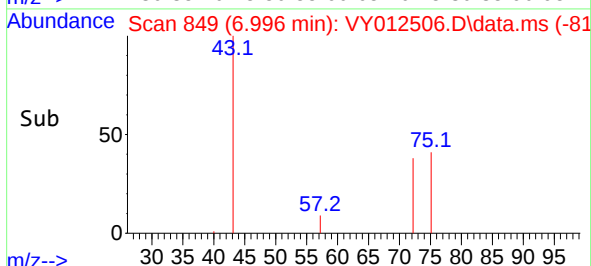
Tgt Ion: 75 Resp: 10096
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.1#
77 0.0 25.1 37.7#

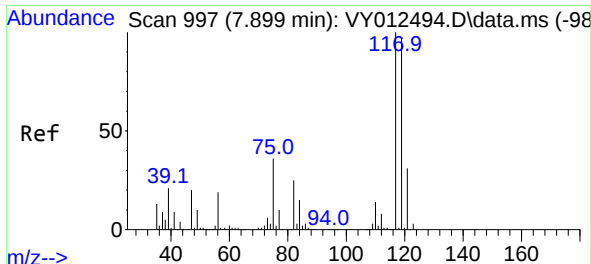


#37
Ethyl Acetate
Concen: 1.571 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30



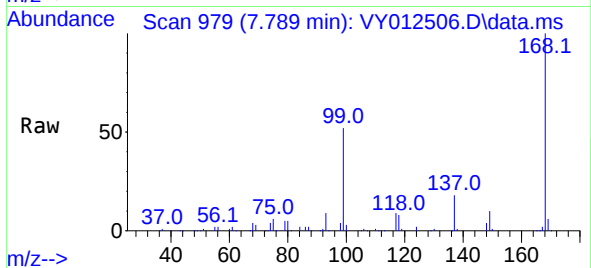
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.2 12.4#



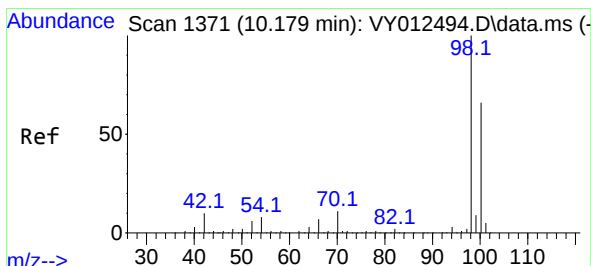
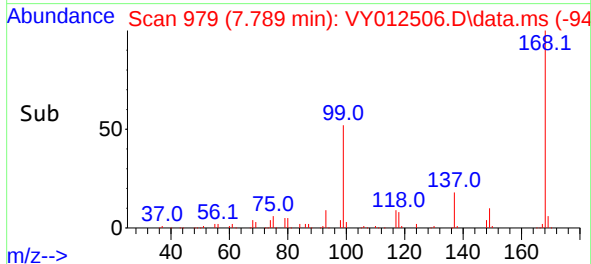
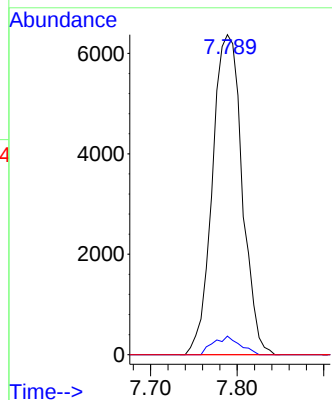


#38
Carbon Tetrachloride
Concen: 4.461 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :

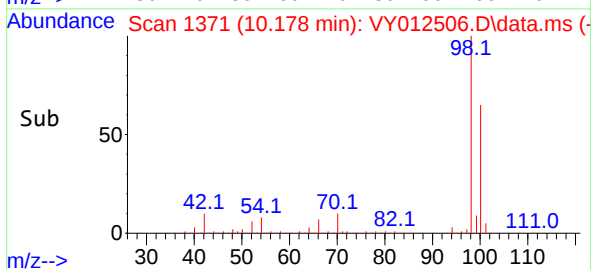
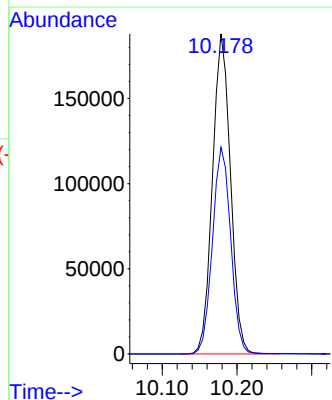
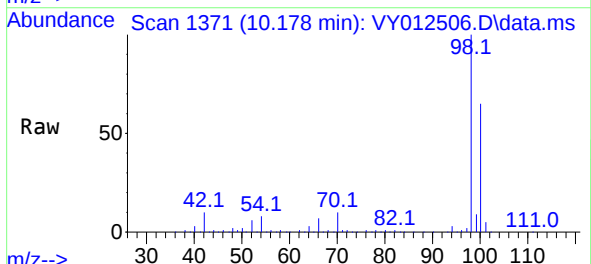


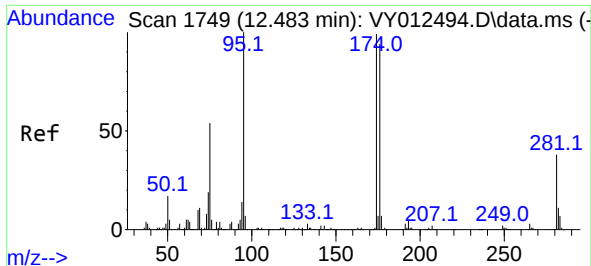
Tgt Ion:117 Resp: 15203
Ion Ratio Lower Upper
117 100
119 5.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 40.404 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

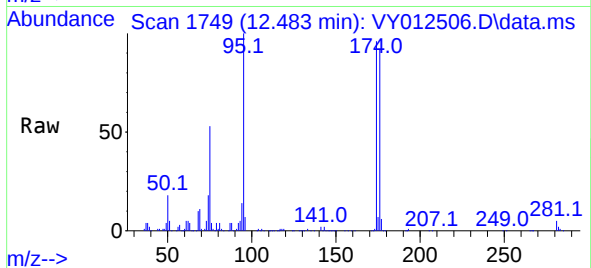
Tgt Ion: 98 Resp: 314614
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



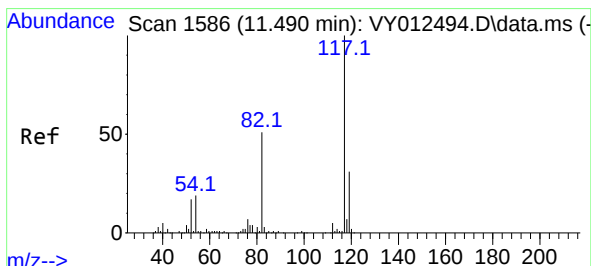
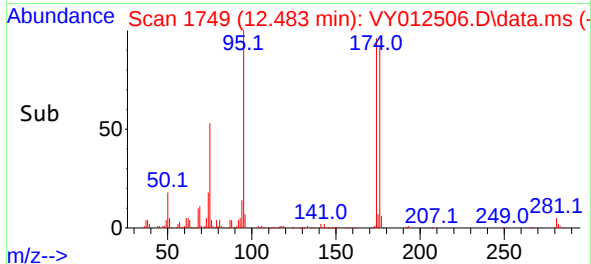
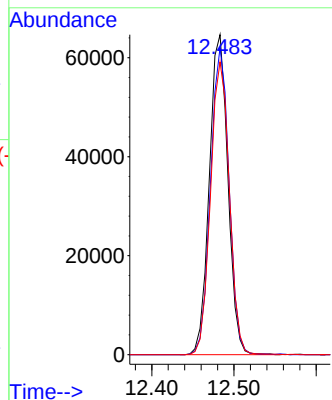


#62
4-Bromofluorobenzene
Concen: 38.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :

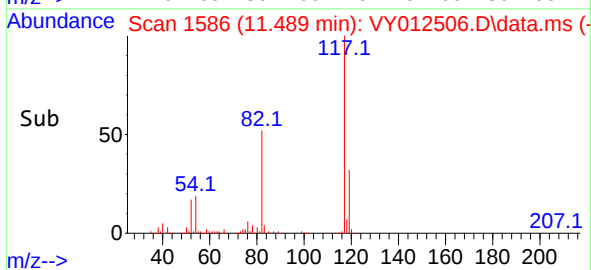
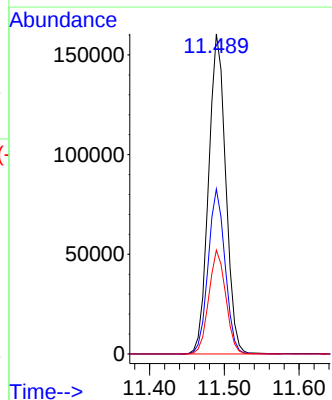
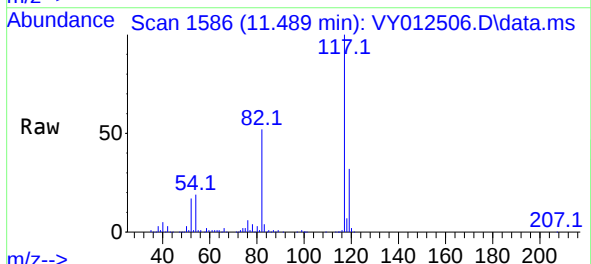


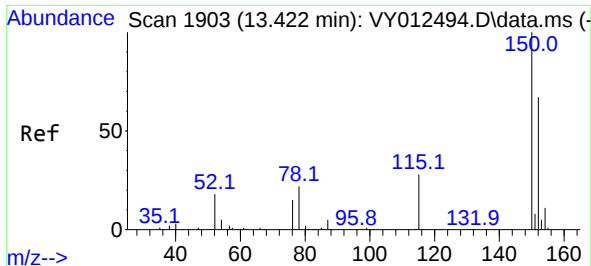
Tgt Ion: 95 Resp: 101241
Ion Ratio Lower Upper
95 100
174 95.8 0.0 172.0
176 92.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012506.D
Acq: 06 Feb 2023 19:30

Tgt Ion: 117 Resp: 255741
Ion Ratio Lower Upper
117 100
82 51.5 44.8 67.2
119 32.4 25.4 38.2

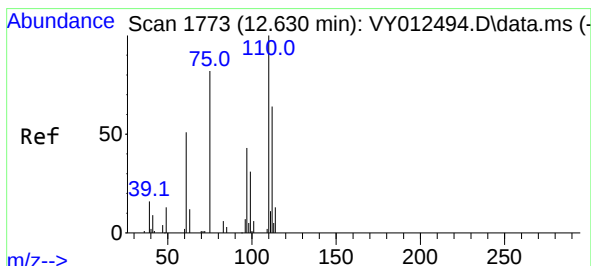
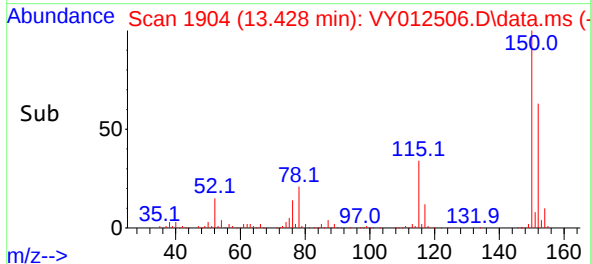
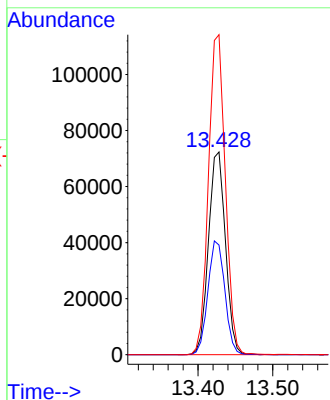
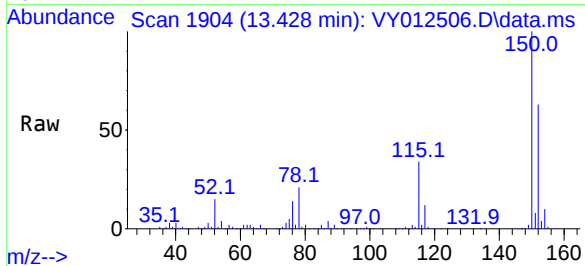




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012506.D
 Acq: 06 Feb 2023 19:30

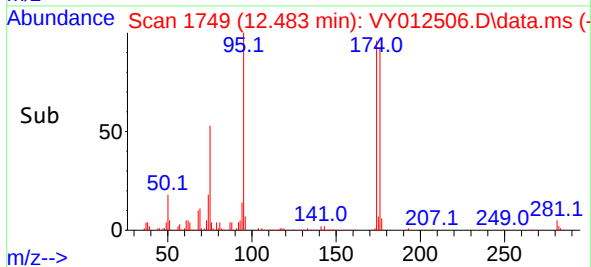
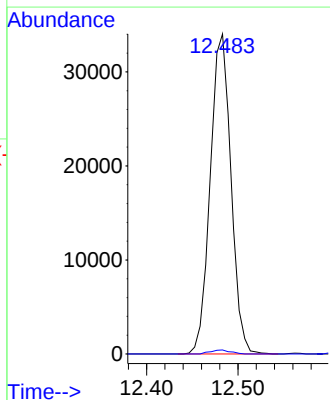
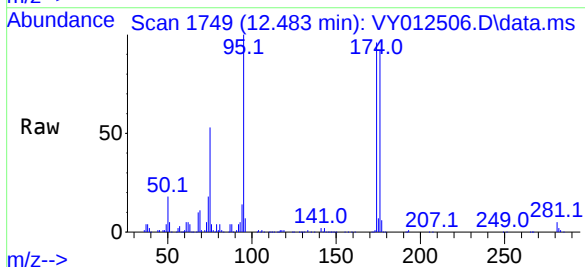
Instrument :
 MSVOA_Y
 ClientSampleId :

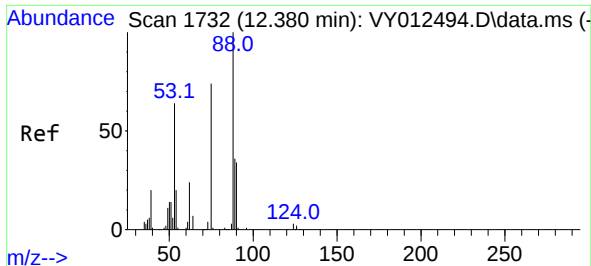
Tgt Ion:152 Resp: 114164
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.1 87.3
 150 157.0 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 41.998 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012506.D
 Acq: 06 Feb 2023 19:30

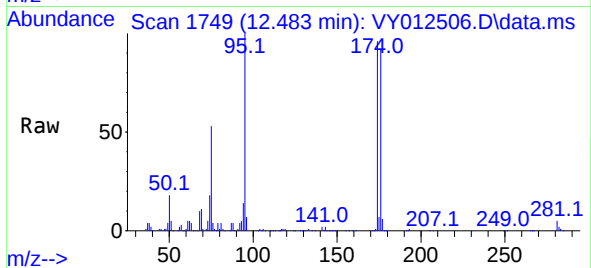
Tgt Ion: 75 Resp: 53528
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.971 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012506.D
 Acq: 06 Feb 2023 19:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53528
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.2 37.0 55.4#

