

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007702.D
 Acq On : 03 Mar 2022 14:21
 Operator : SY/MD
 Sample : N1751-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

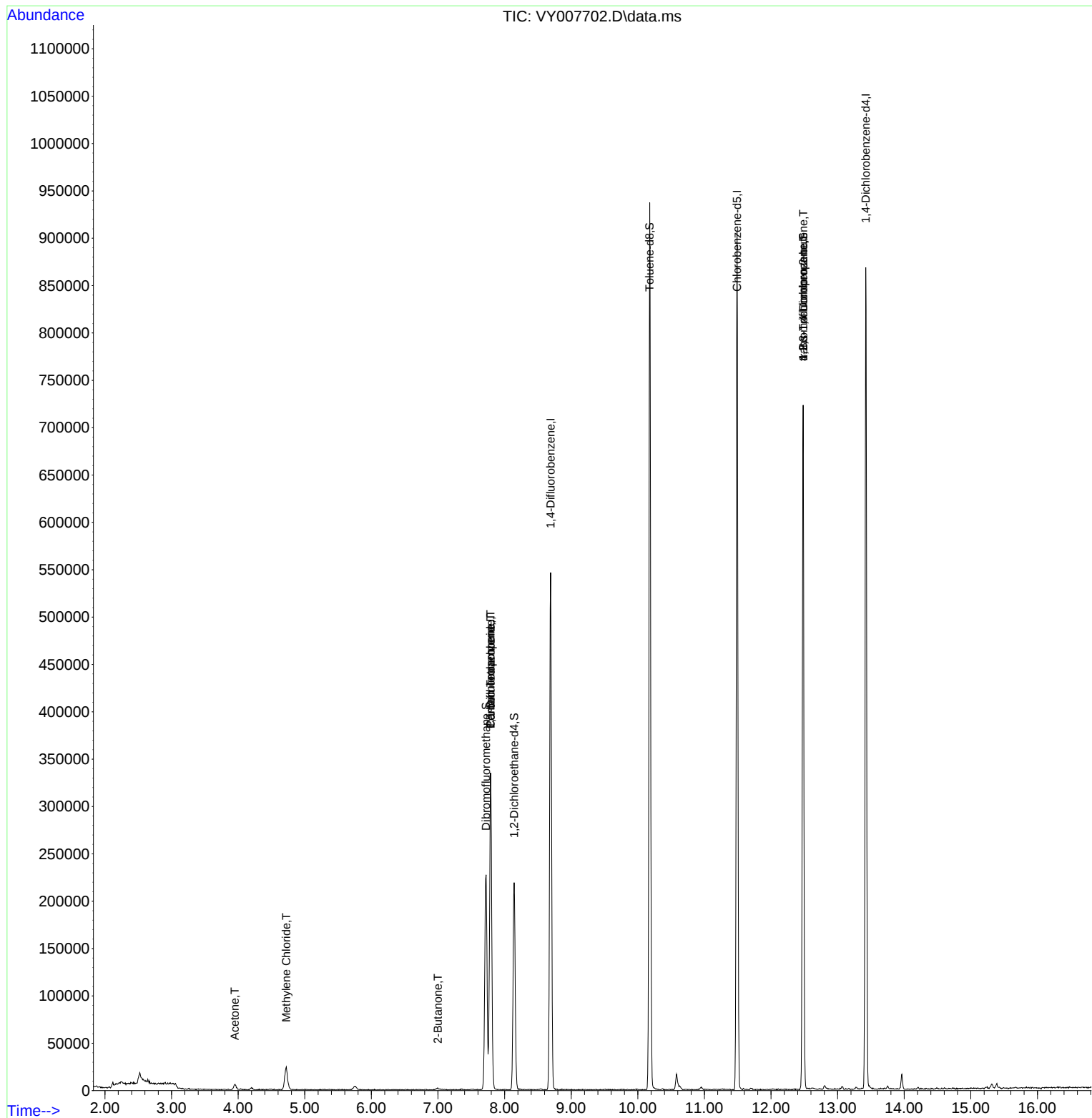
Internal Standards						
1) Pentafluorobenzene	7.789	168	261218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	475191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	481383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	169454	61.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.920%	
35) Dibromofluoromethane	7.722	113	160824	52.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.179	98	600995	53.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.483	95	197295	54.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	199	Below Cal	#	39
3) Chloromethane	2.119	50	2290	Below Cal	#	83
13) Acrolein	3.479	56	45	Below Cal	#	14
16) Acetone	3.948	43	9096	16.350	ug/l #	55
17) Carbon Disulfide	4.198	76	2693	Below Cal	#	57
18) Methyl Acetate	4.478	43	858	Below Cal	#	76
20) Methylene Chloride	4.722	84	16617	2.054	ug/l #	76
25) 2-Butanone	6.996	43	2484	2.662	ug/l	100
31) Cyclohexane	7.783	56	6153	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	19861	4.156	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24582	4.822	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	110223	44.539	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	110223	91.054	ug/l #	7

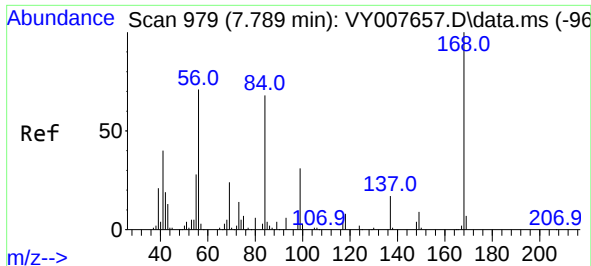
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007702.D
Acq On : 03 Mar 2022 14:21
Operator : SY/MD
Sample : N1751-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

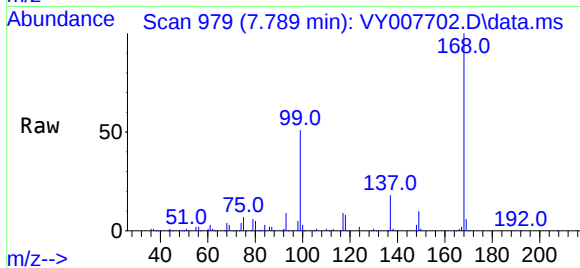
Quant Time: Mar 04 00:41:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration



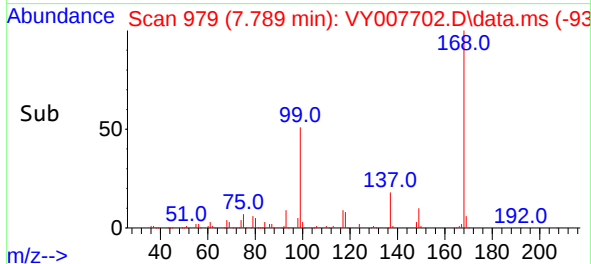
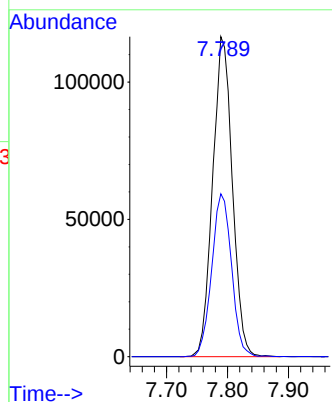


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :

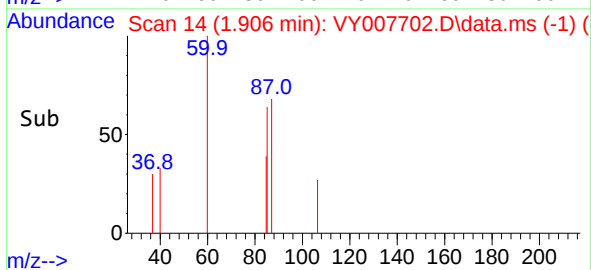
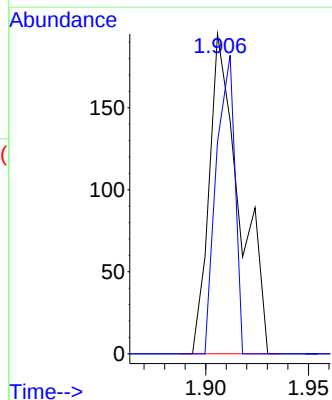
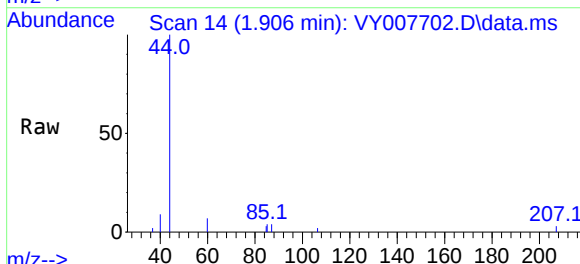


Tgt Ion:168 Resp: 261218
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3

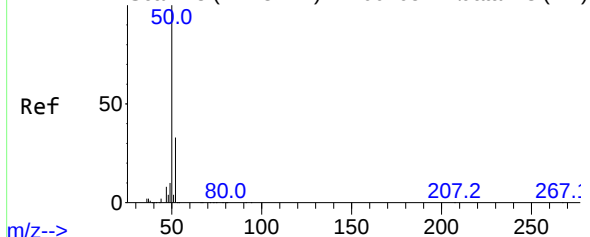


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Tgt Ion: 85 Resp: 199
Ion Ratio Lower Upper
85 100
87 66.2 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007702.D

Acq: 03 Mar 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

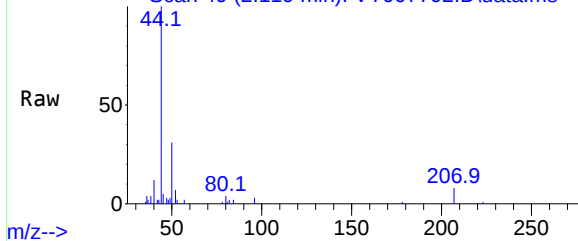
Tgt Ion: 50 Resp: 2290

Ion Ratio Lower Upper

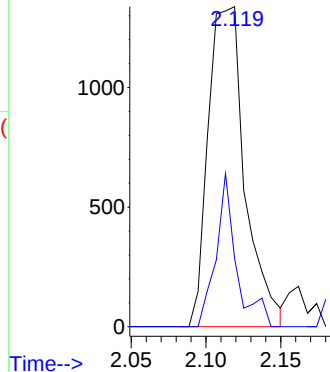
50 100

52 21.3 24.6 37.0#

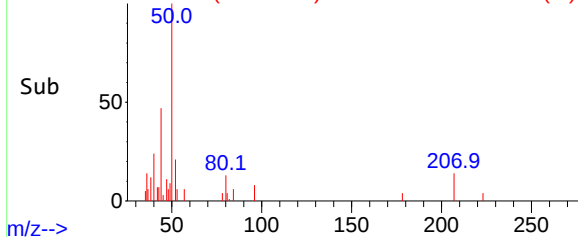
Abundance Scan 49 (2.119 min): VY007702.D\data.ms



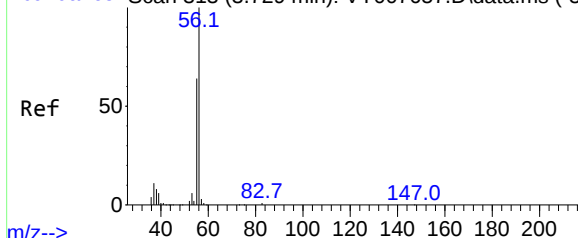
Abundance



Abundance Scan 49 (2.119 min): VY007702.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.479 min Scan# 272

Delta R.T. -0.250 min

Lab File: VY007702.D

Acq: 03 Mar 2022 14:21

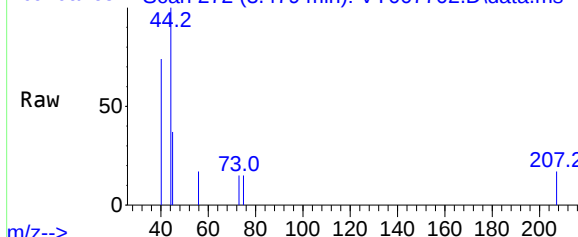
Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

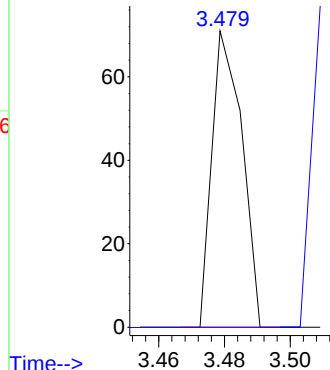
56 100

55 0.0 57.6 86.4#

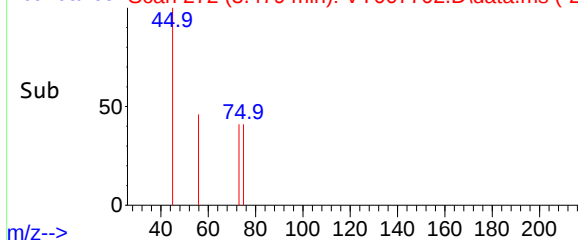
Abundance Scan 272 (3.479 min): VY007702.D\data.ms



Abundance



Abundance Scan 272 (3.479 min): VY007702.D\data.ms (-26)

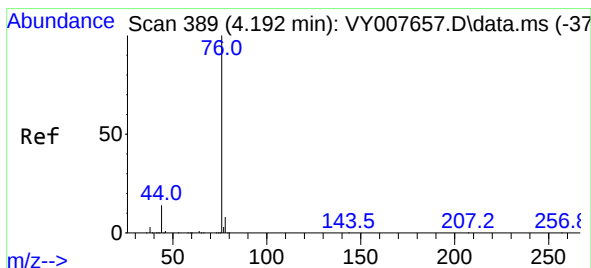
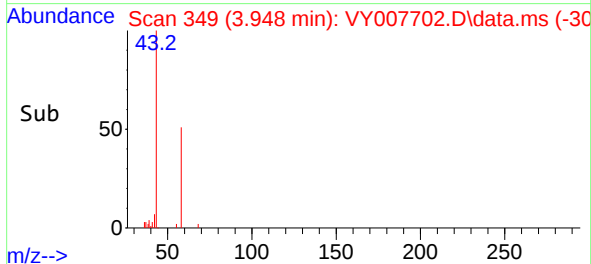
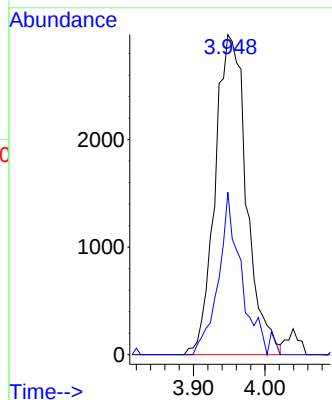
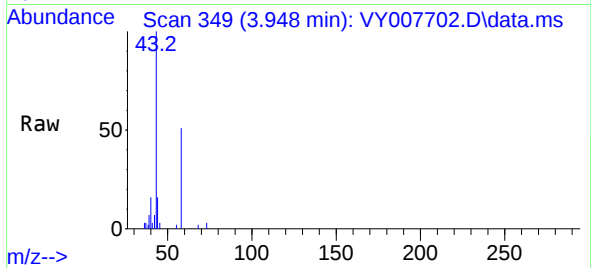




#16
Acetone
Concen: 16.350 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

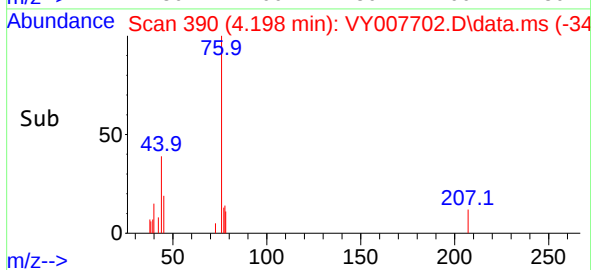
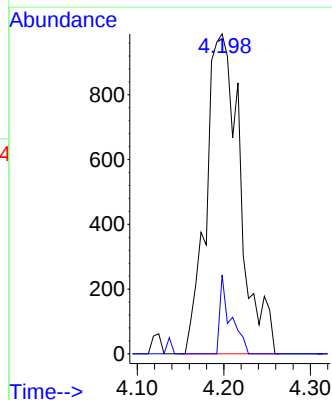
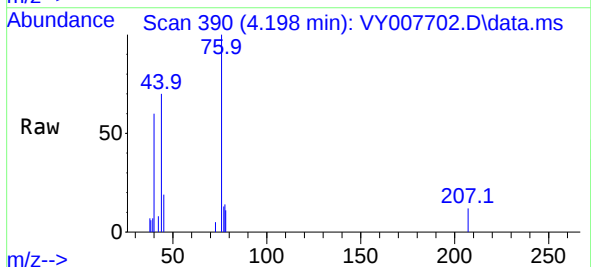
Instrument :
MSVOA_Y
ClientSampleId :

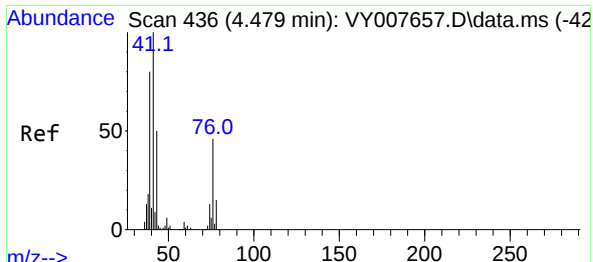
Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
58 50.7 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

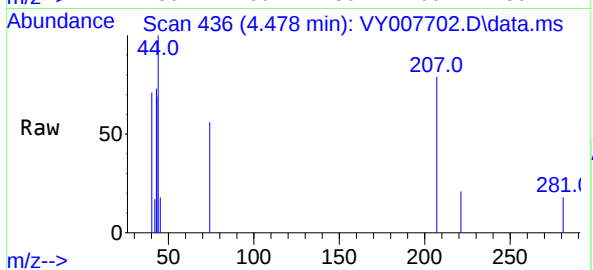
Tgt Ion: 76 Resp: 2693
Ion Ratio Lower Upper
76 100
78 24.7 7.4 11.0#



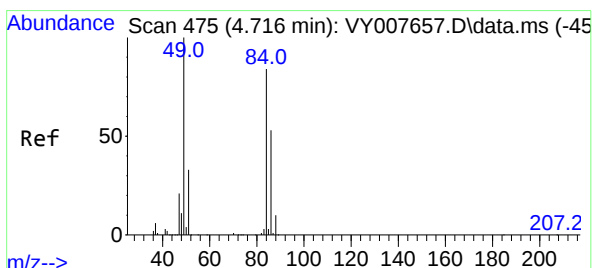
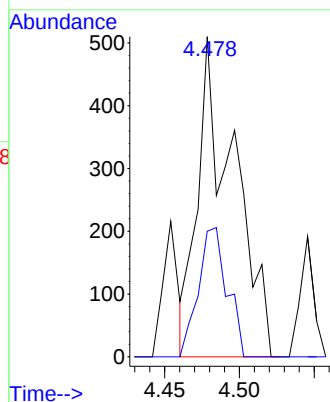
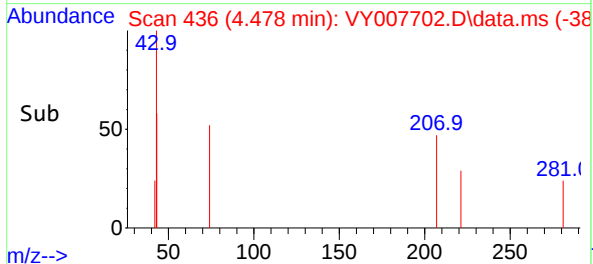


#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :

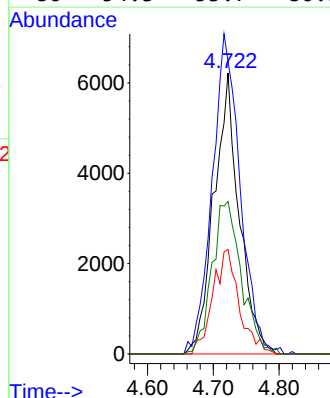
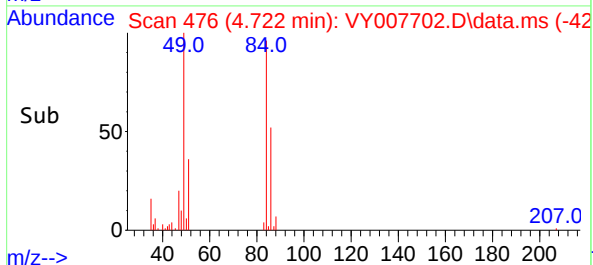
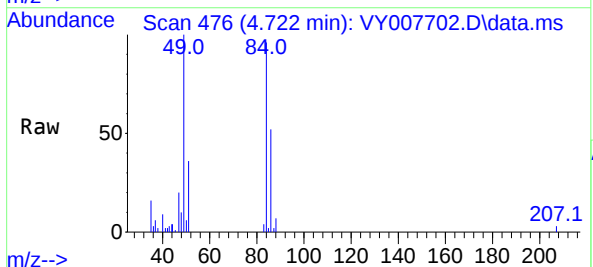


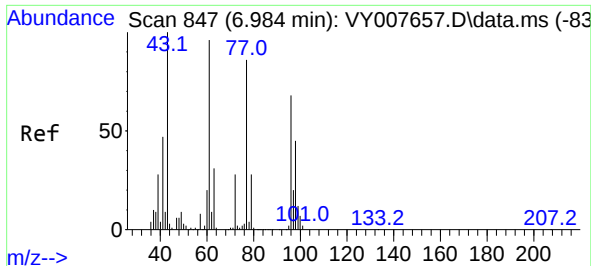
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 32.1 16.6 24.8#



#20
Methylene Chloride
Concen: 2.054 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Tgt Ion: 84 Resp: 16617
Ion Ratio Lower Upper
84 100
49 104.1 114.4 171.6#
51 37.2 35.3 52.9
86 54.3 53.7 80.5

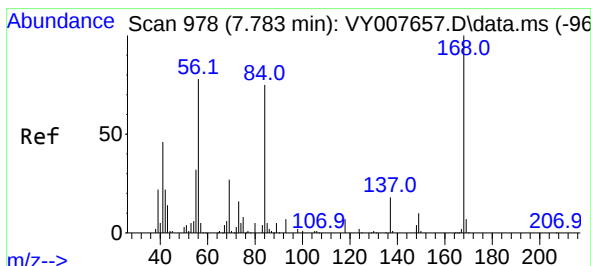
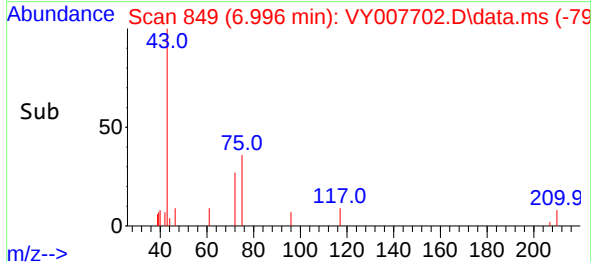
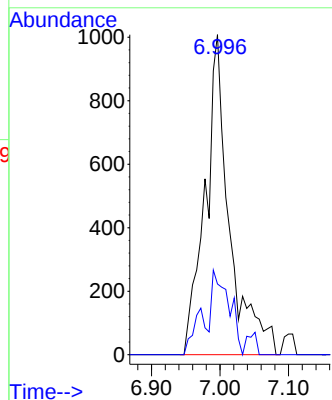
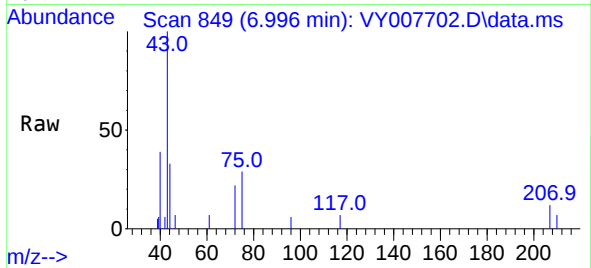




#25
2-Butanone
Concen: 2.662 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

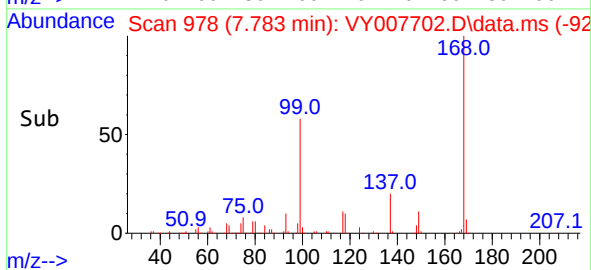
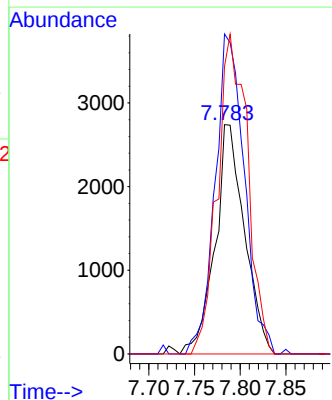
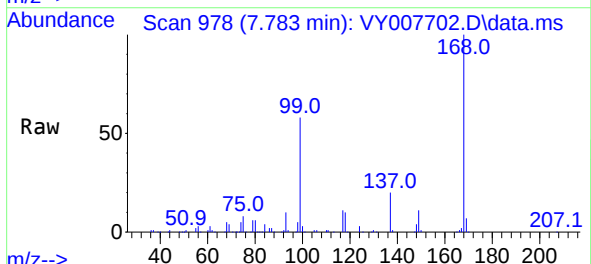
Instrument :
MSVOA_Y
ClientSampleId :

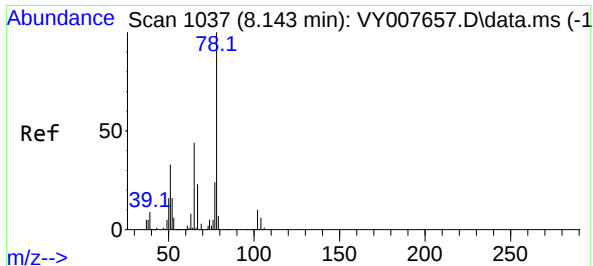
Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Tgt Ion: 56 Resp: 6153
Ion Ratio Lower Upper
56 100
69 139.6 26.7 40.1#
84 125.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.964 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007702.D

Acq: 03 Mar 2022 14:21

Instrument :

MSVOA_Y

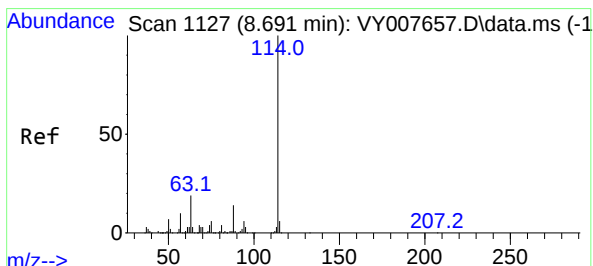
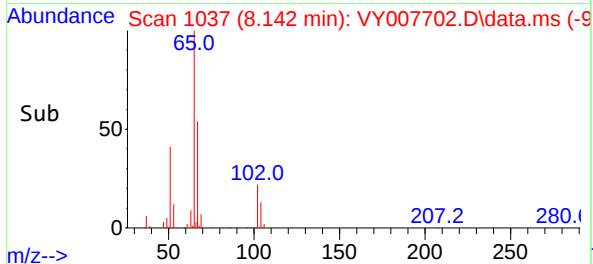
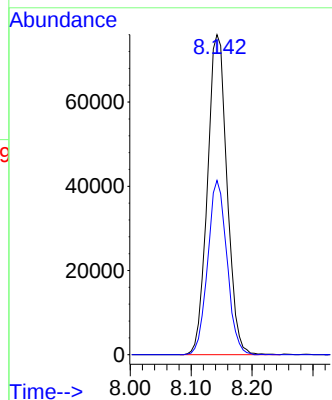
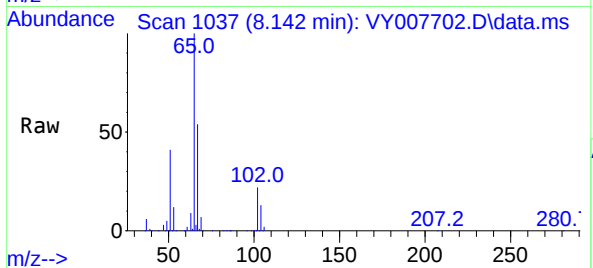
ClientSampleId :

Tgt Ion: 65 Resp: 169454

Ion Ratio Lower Upper

65 100

67 53.4 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: VY007702.D

Acq: 03 Mar 2022 14:21

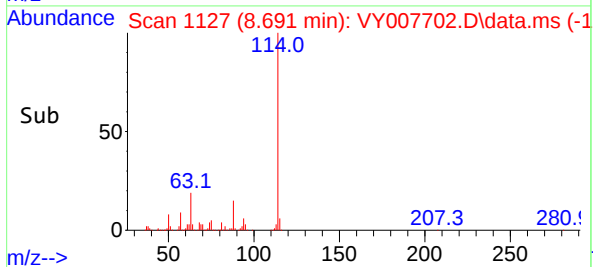
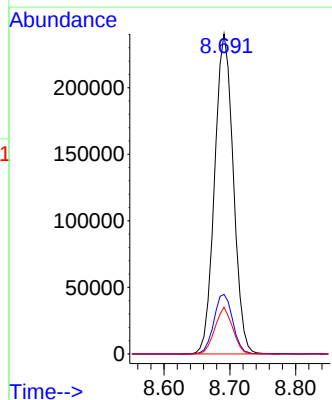
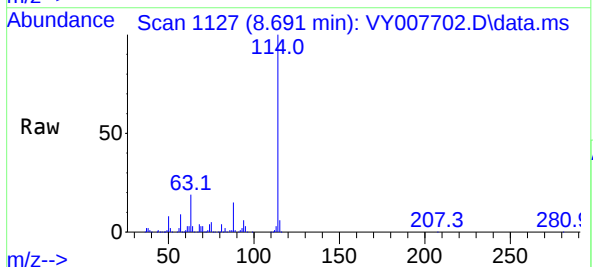
Tgt Ion:114 Resp: 475191

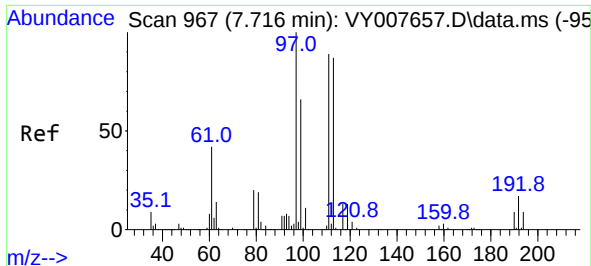
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

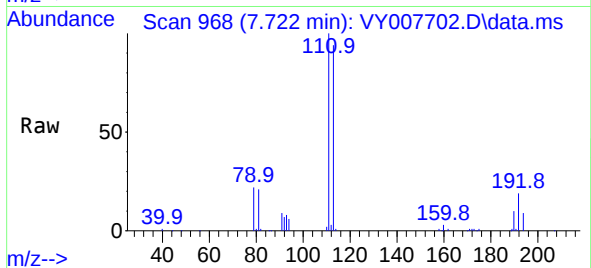
88 14.6 0.0 31.8



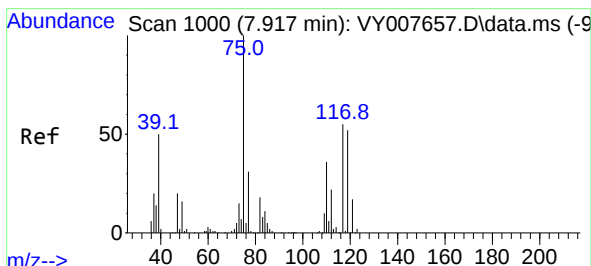
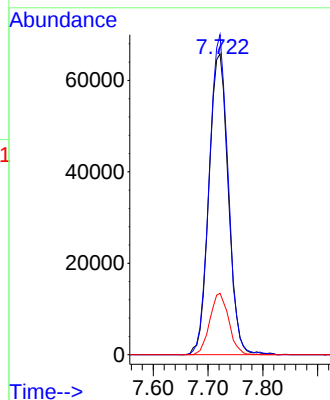
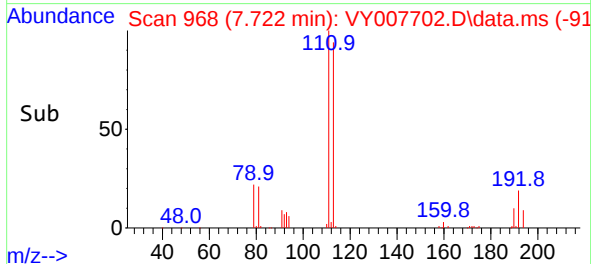


#35
Dibromofluoromethane
Concen: 52.937 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

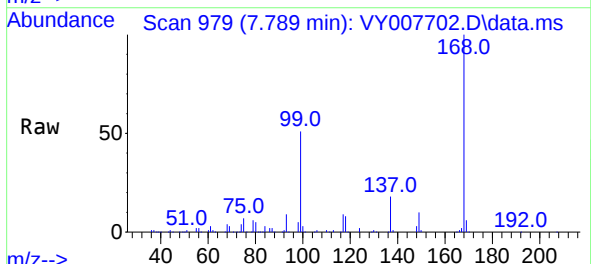
Instrument :
MSVOA_Y
ClientSampleId :



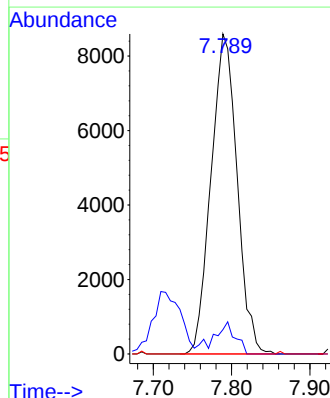
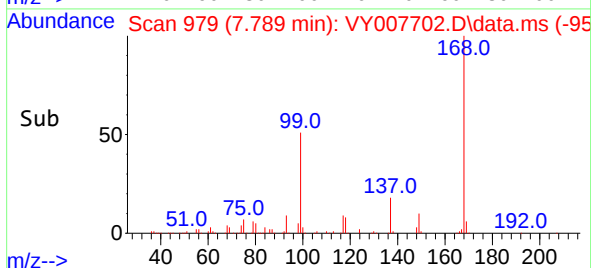
Tgt Ion:113 Resp: 160824
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 19.9 17.6 26.4

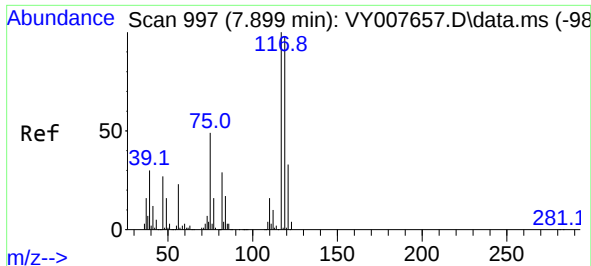


#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21



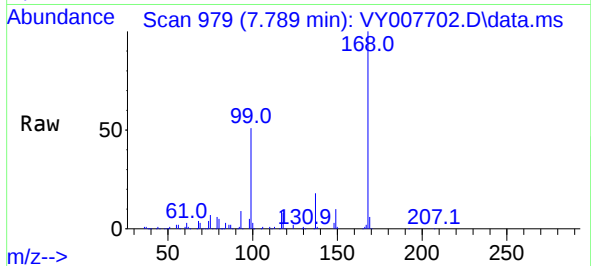
Tgt Ion: 75 Resp: 19861
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



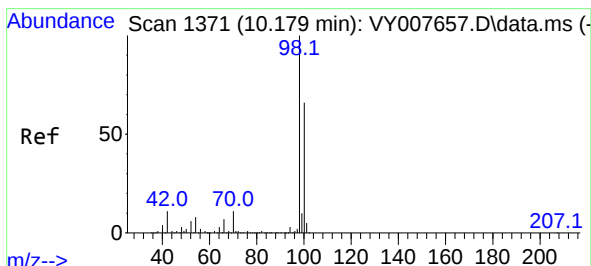
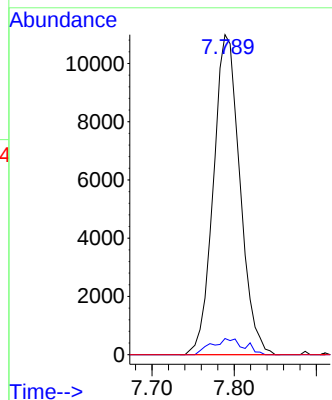
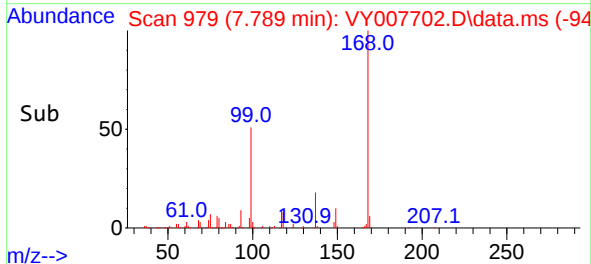


#38
Carbon Tetrachloride
Concen: 4.822 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :

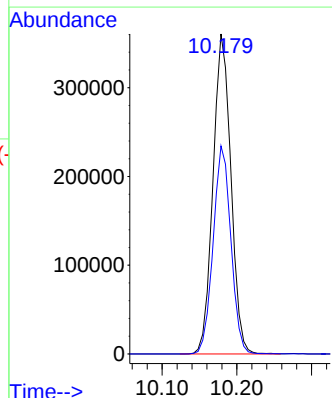
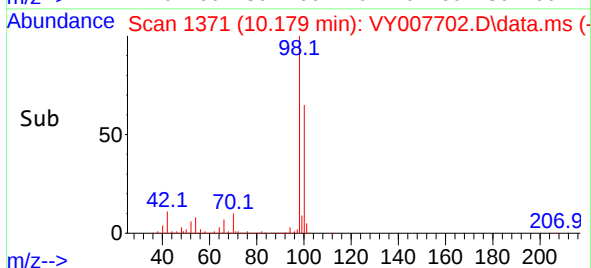
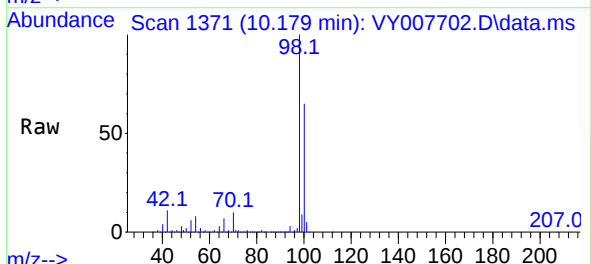


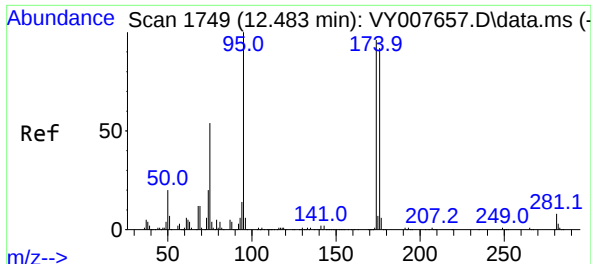
Tgt Ion:117 Resp: 24582
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.741 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

Tgt Ion: 98 Resp: 600995
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

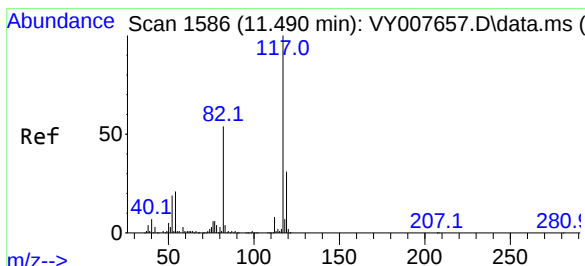
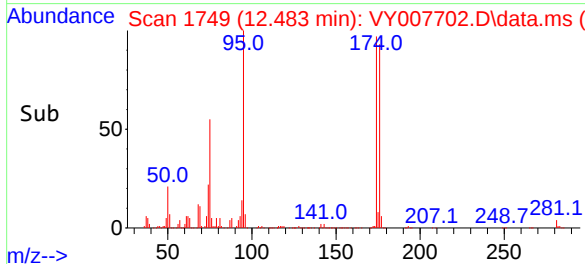
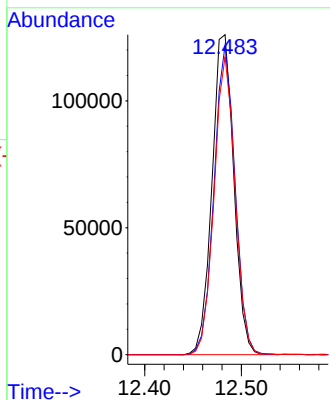
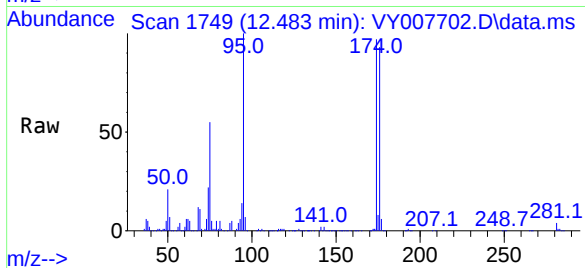




#62
4-Bromofluorobenzene
Concen: 54.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

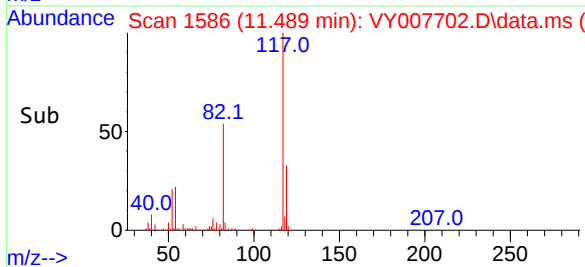
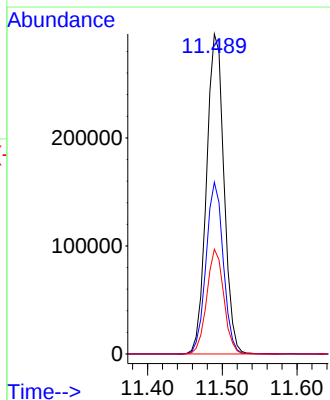
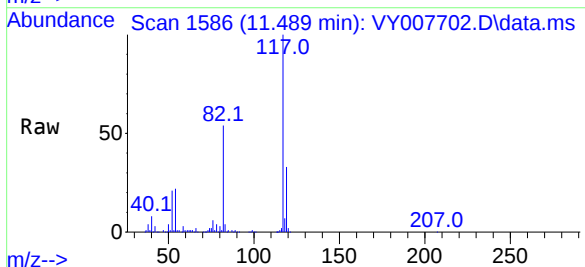
Instrument :
MSVOA_Y
ClientSampleId :

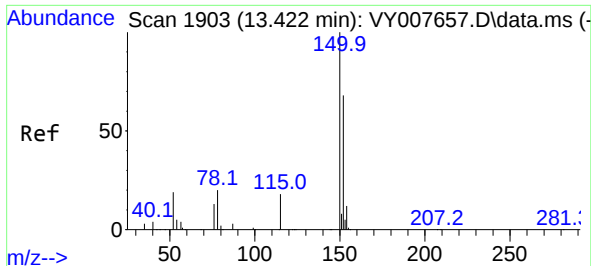
Tgt Ion: 95 Resp: 197295
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007702.D
Acq: 03 Mar 2022 14:21

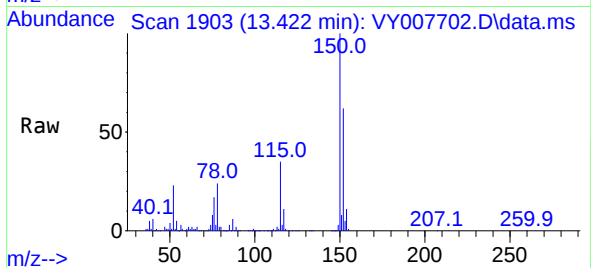
Tgt Ion: 117 Resp: 481383
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.7 25.4 38.0





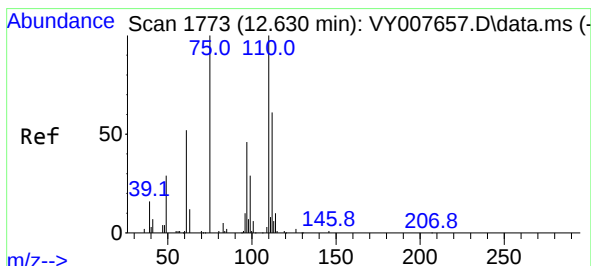
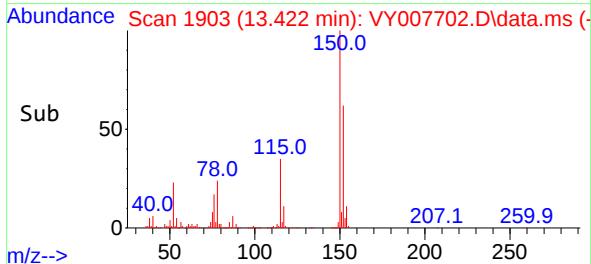
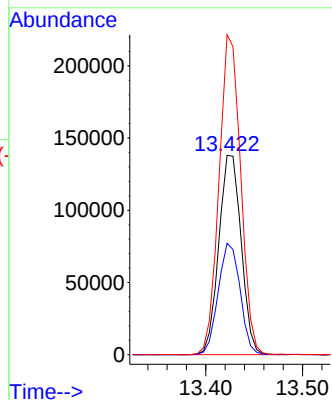
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007702.D
 Acq: 03 Mar 2022 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 221601

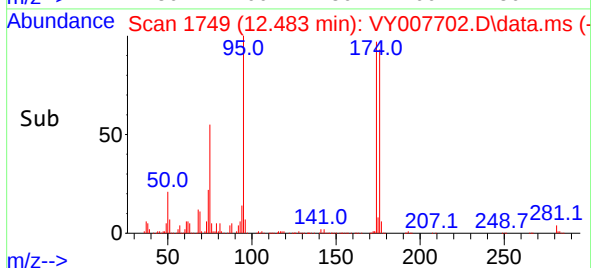
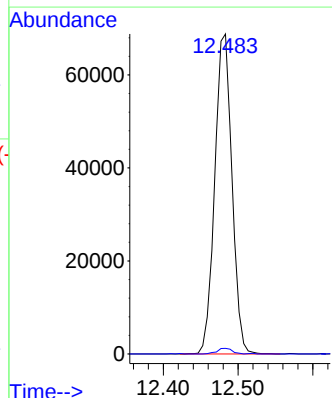
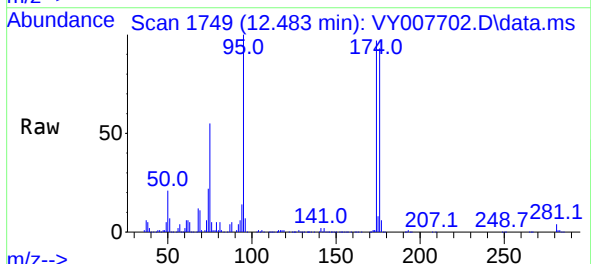
Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.2	84.7
150	155.5	0.0	347.6

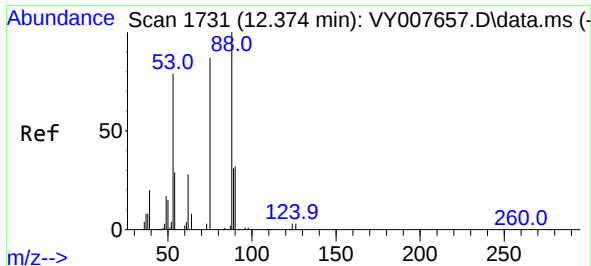


#76
 1,2,3-Trichloropropane
 Concen: 44.539 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007702.D
 Acq: 03 Mar 2022 14:21

Tgt Ion: 75 Resp: 110223

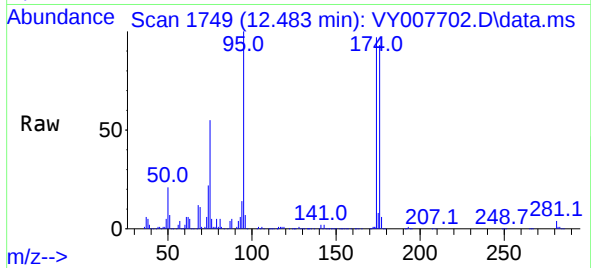
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.054 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007702.D
 Acq: 03 Mar 2022 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 110223
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

