

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007739.D
 Acq On : 04 Mar 2022 12:09
 Operator : SY/MD
 Sample : VY0304SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:23:25 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)

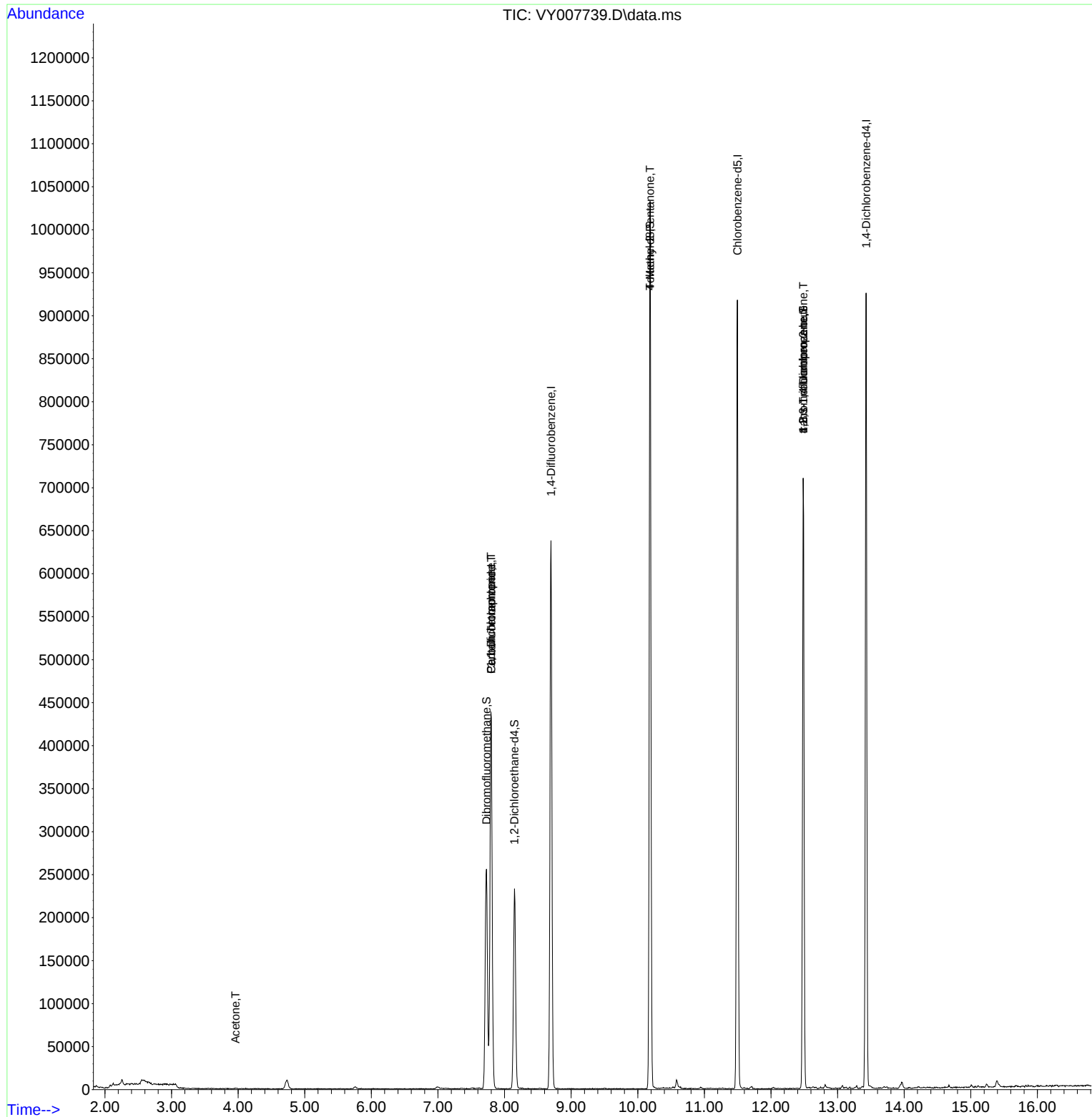
Internal Standards						
1) Pentafluorobenzene	7.801	168	356401	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	559072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	504760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	180018	48.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.728	113	179856	50.319	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.185	98	675178	51.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.483	95	198159	46.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	87	Below Cal	#	43
3) Chloromethane	2.113	50	1587	Below Cal	#	84
13) Acrolein	3.589	56	19	Below Cal	#	14
16) Acetone	3.960	43	1115	1.469	ug/l	98
17) Carbon Disulfide	4.216	76	196	Below Cal	#	75
18) Methyl Acetate	4.546	43	64	Below Cal	#	56
20) Methylene Chloride	4.735	84	7577	Below Cal	#	63
31) Cyclohexane	7.789	56	7325	Below Cal	#	12
36) 1,1-Dichloropropene	7.795	75	27018	4.805	ug/l #	51
38) Carbon Tetrachloride	7.801	117	33058	5.512	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	3078	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	111038	43.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	111038	88.502	ug/l #	7

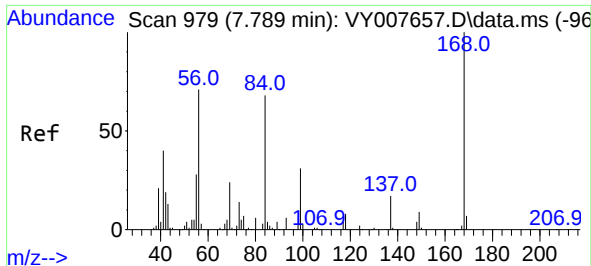
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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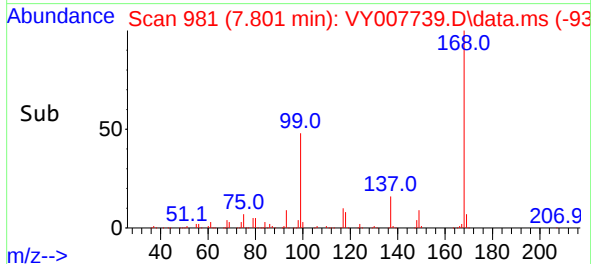
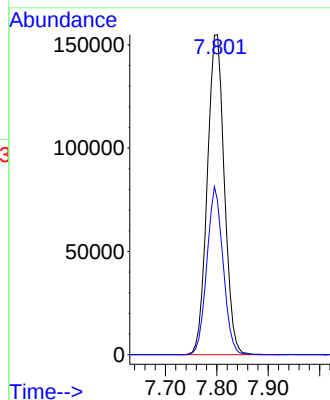
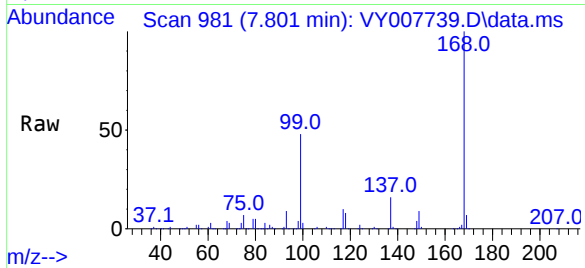




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

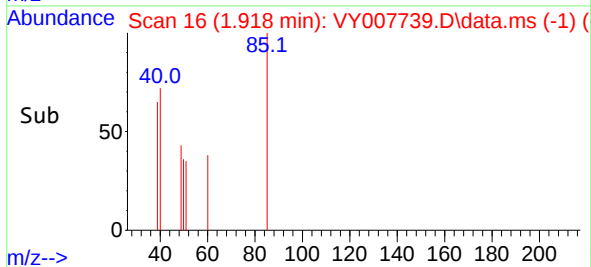
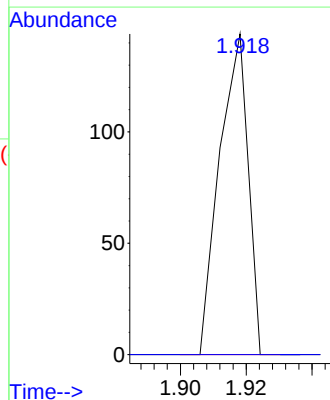
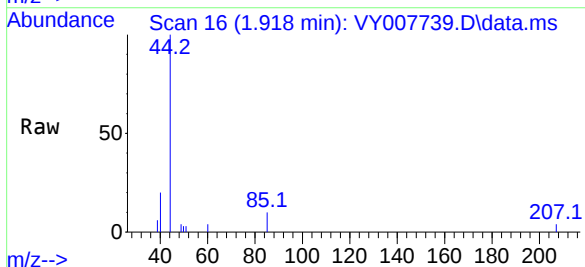
Instrument :
MSVOA_Y
ClientSampleId :

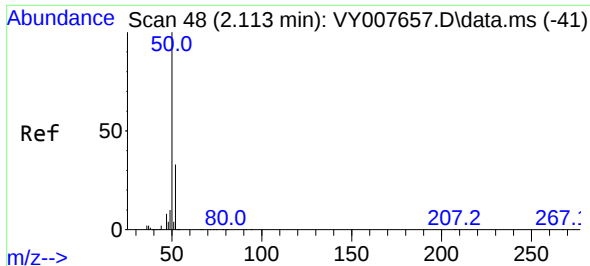
Tgt Ion:168 Resp: 356401
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 85 Resp: 87
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

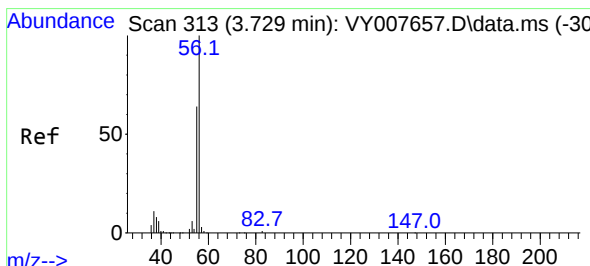
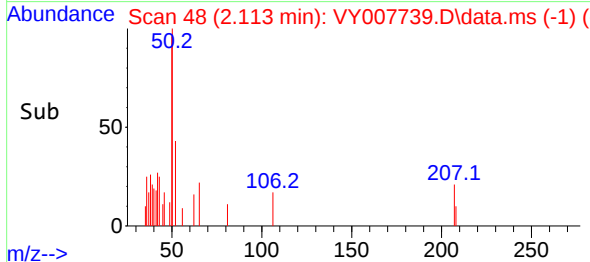
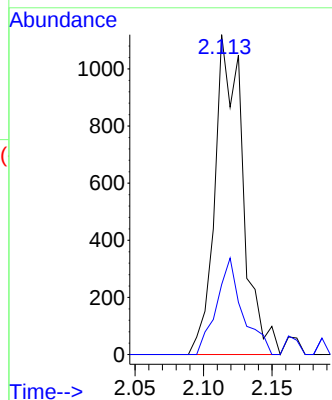
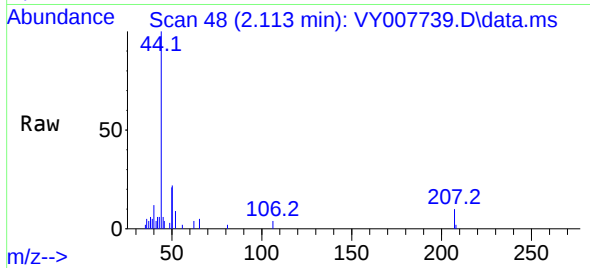




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

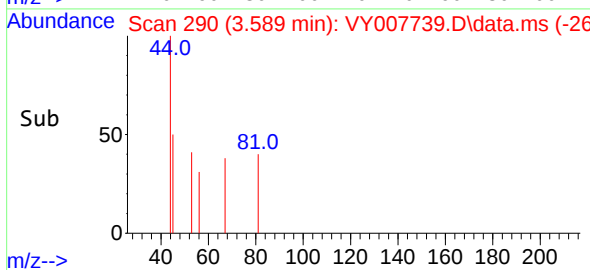
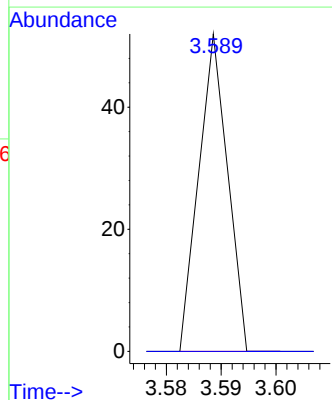
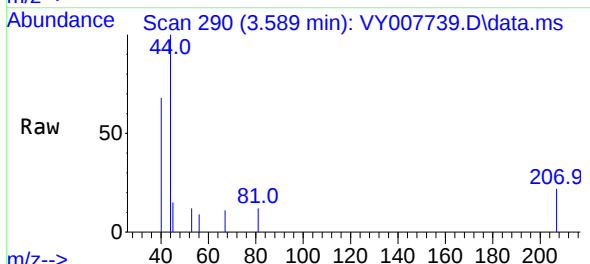
Instrument :
MSVOA_Y
ClientSampleId :

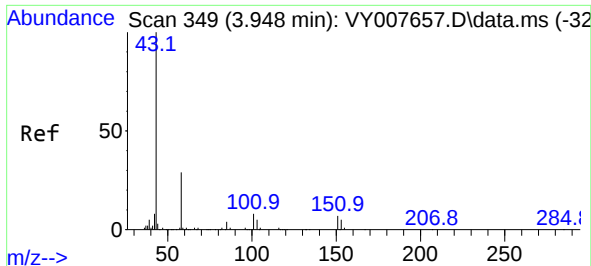
Tgt Ion: 50 Resp: 1587
Ion Ratio Lower Upper
50 100
52 21.9 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.589 min Scan# 290
Delta R.T. -0.140 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

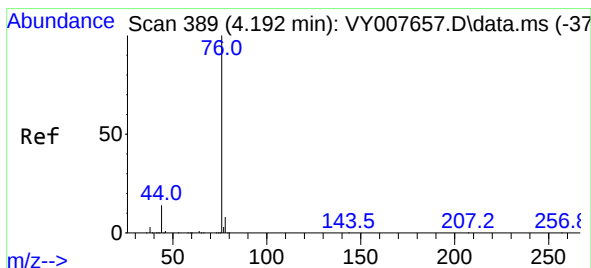
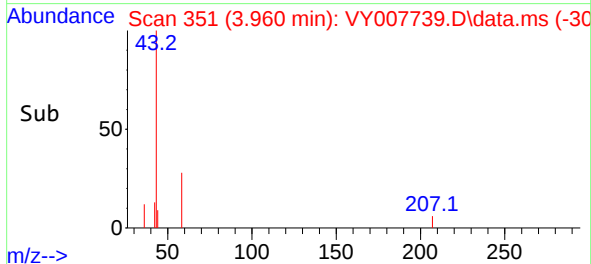
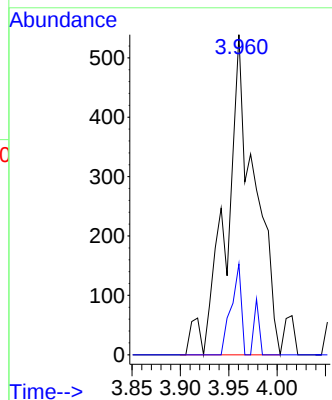
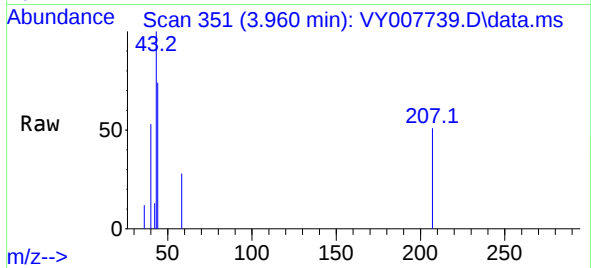




#16
Acetone
Concen: 1.469 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

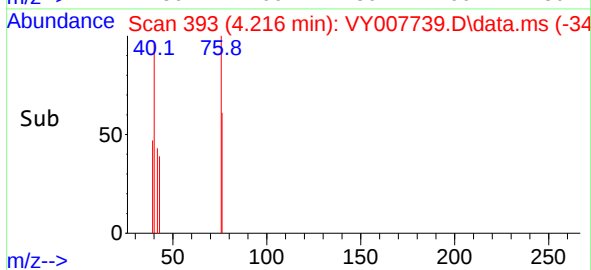
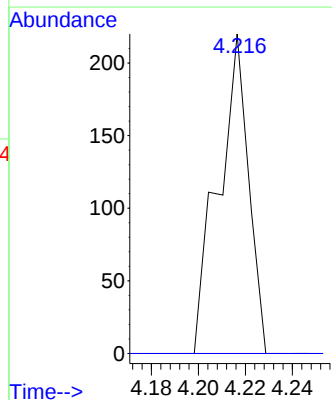
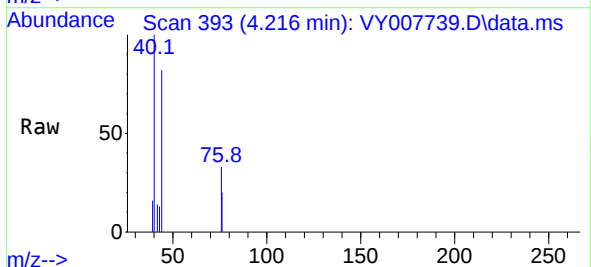
Instrument :
MSVOA_Y
ClientSampleId :

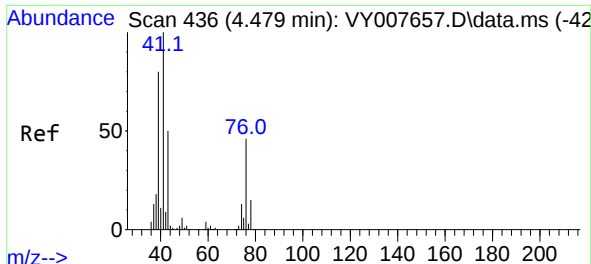
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.216 min Scan# 393
Delta R.T. 0.024 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 76 Resp: 196
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

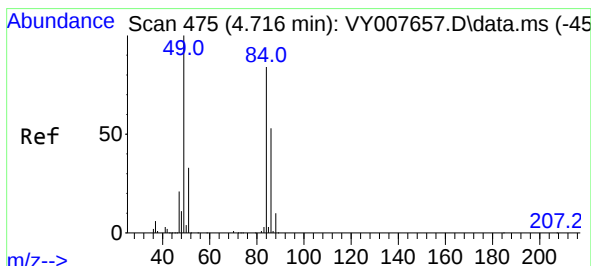
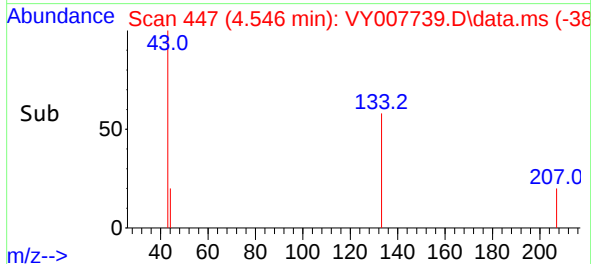
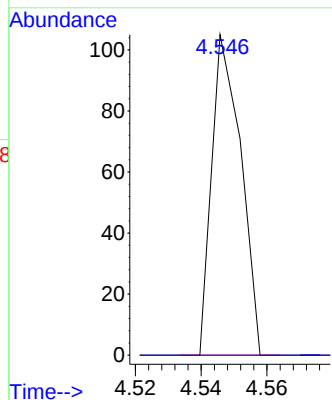
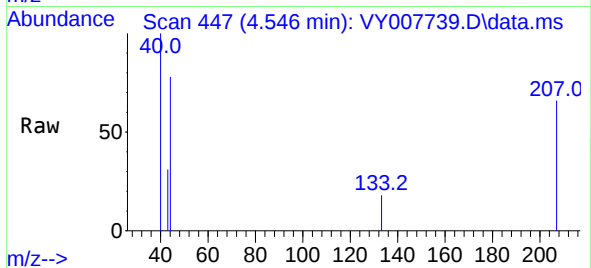




#18
Methyl Acetate
Concen: Below Cal
RT: 4.546 min Scan# 447
Delta R.T. 0.067 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

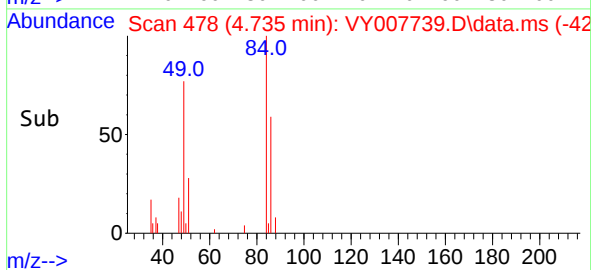
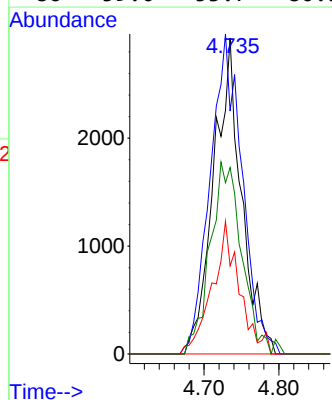
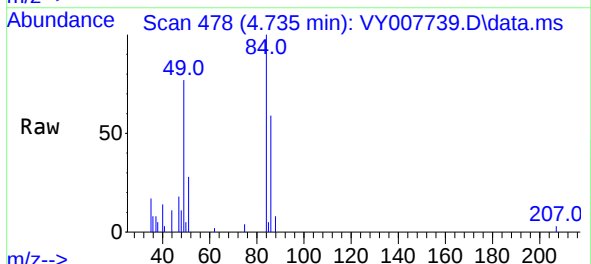
Instrument :
MSVOA_Y
ClientSampleId :

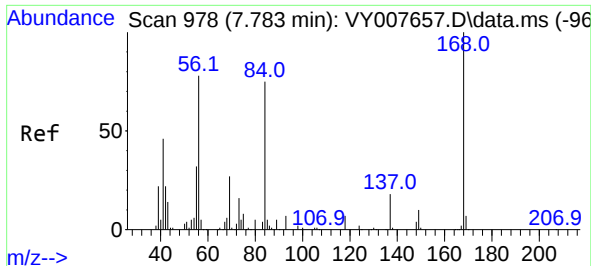
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

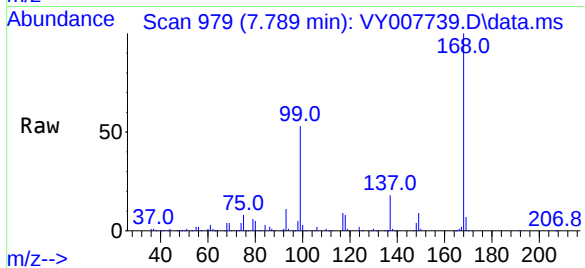
Tgt Ion: 84 Resp: 7577
Ion Ratio Lower Upper
84 100
49 76.9 114.4 171.6#
51 27.9 35.3 52.9#
86 59.0 53.7 80.5



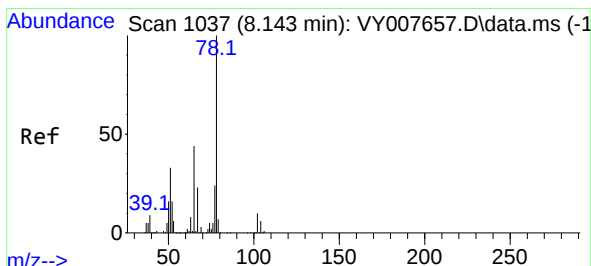
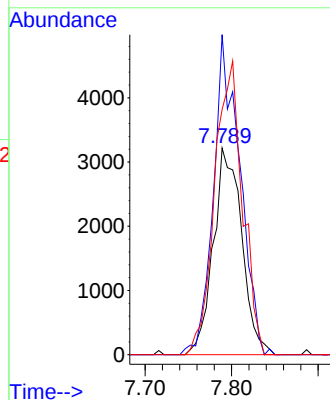
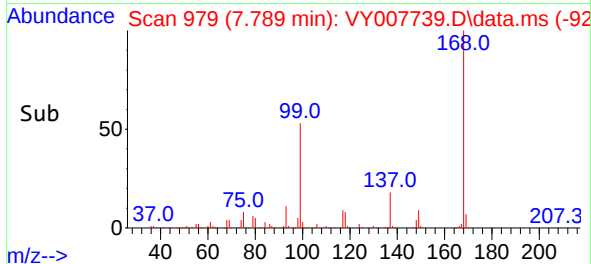


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :

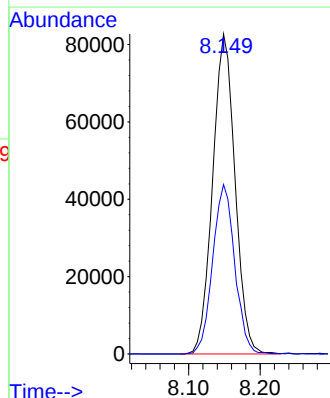
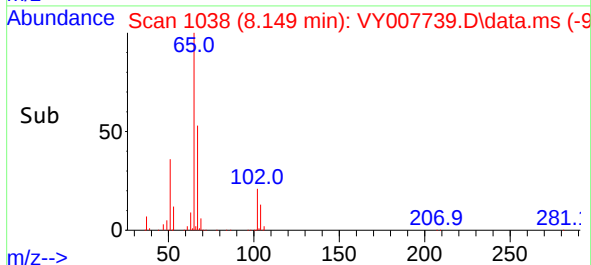
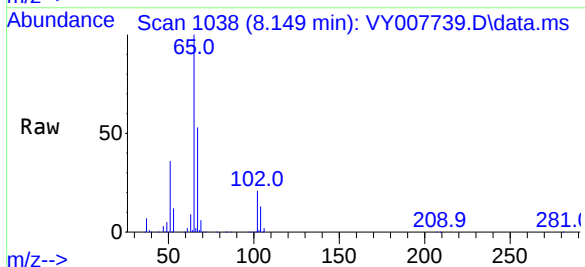


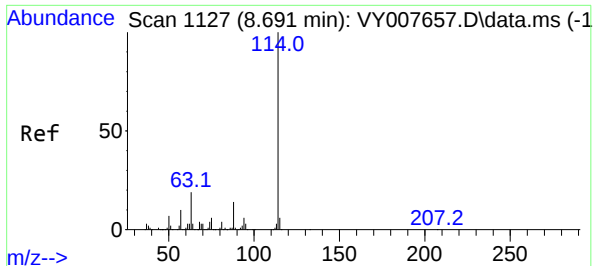
Tgt Ion: 56 Resp: 7325
Ion Ratio Lower Upper
56 100
69 154.9 26.7 40.1#
84 118.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.247 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 65 Resp: 180018
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007739.D

Acq: 04 Mar 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

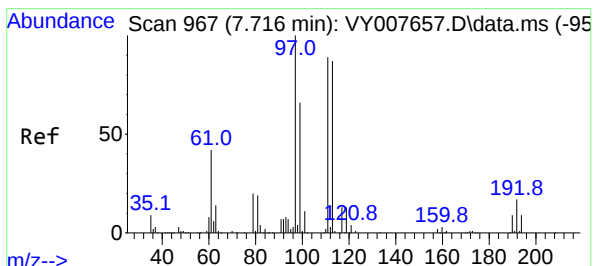
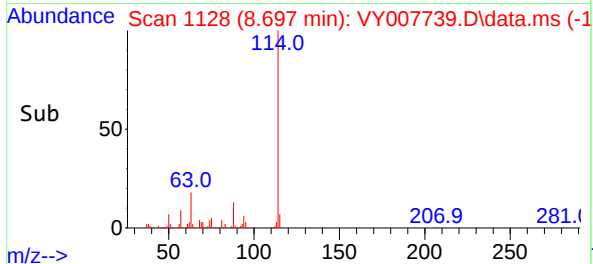
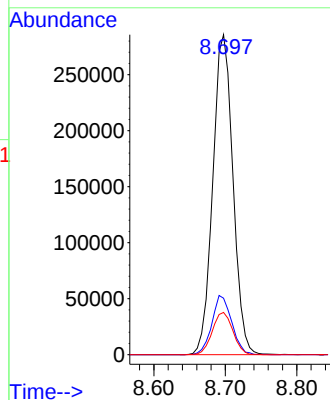
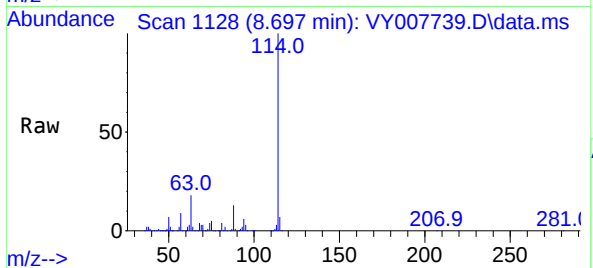
Tgt Ion:114 Resp: 559072

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.319 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY007739.D

Acq: 04 Mar 2022 12:09

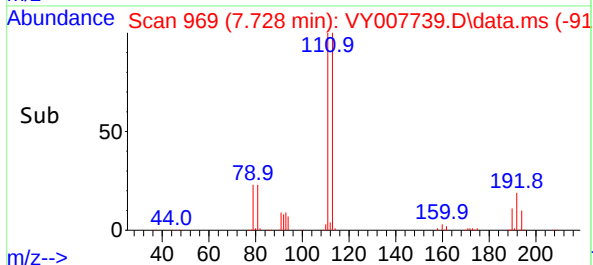
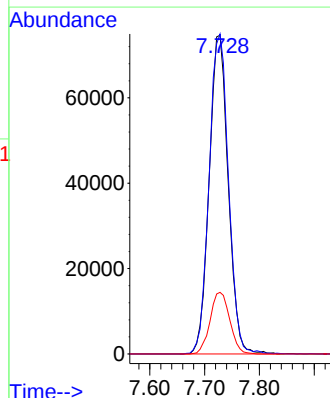
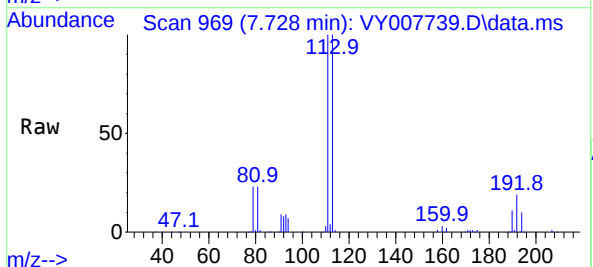
Tgt Ion:113 Resp: 179856

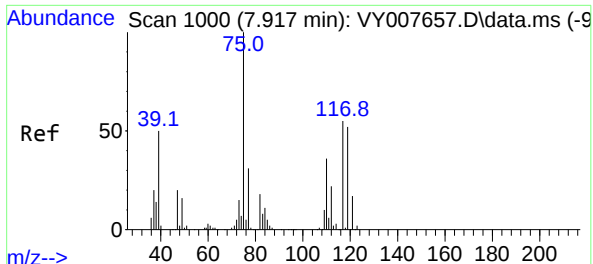
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 7.795 min Scan# 90

Delta R.T. -0.122 min

Lab File: VY007739.D

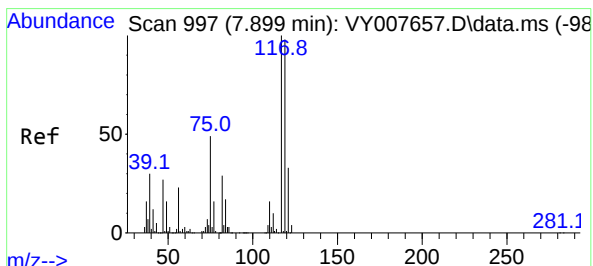
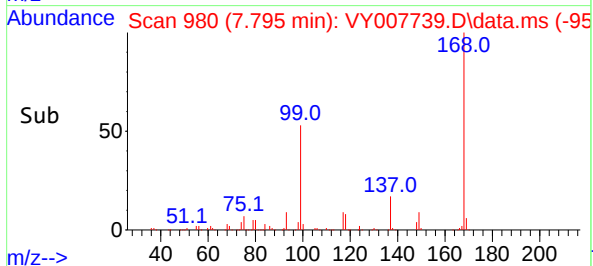
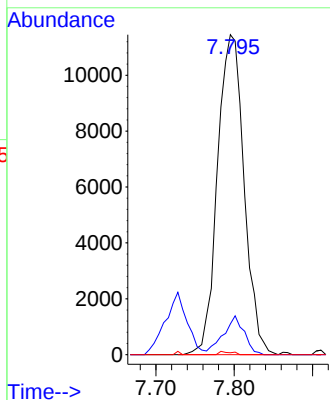
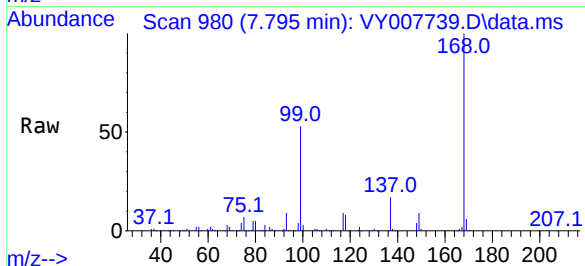
Acq: 04 Mar 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	27018
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.5	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.512 ug/l

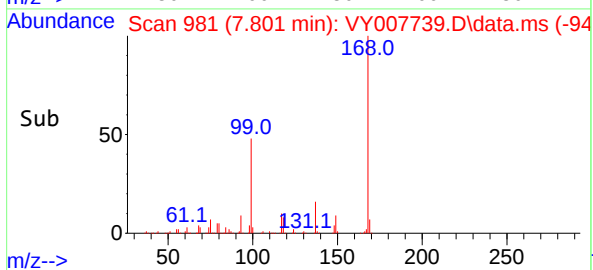
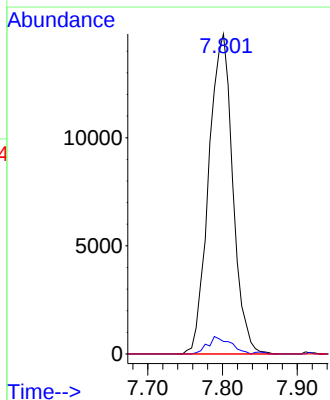
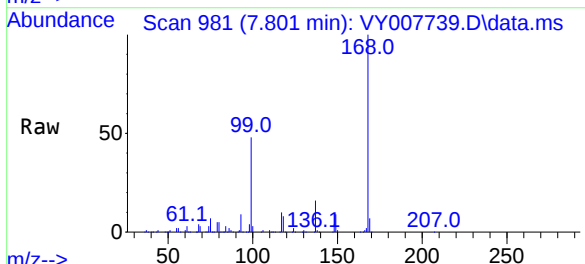
RT: 7.801 min Scan# 981

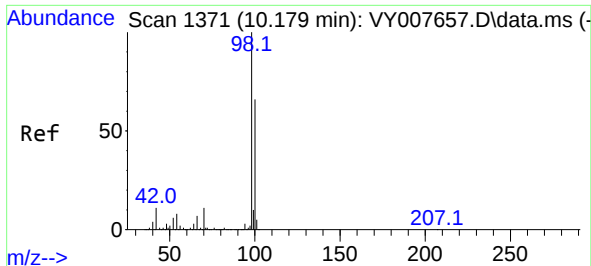
Delta R.T. -0.098 min

Lab File: VY007739.D

Acq: 04 Mar 2022 12:09

Tgt Ion:	117	Resp:	33058
Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.9	116.9#
121	0.0	24.8	37.2#

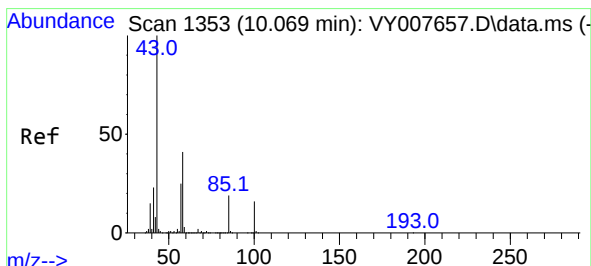
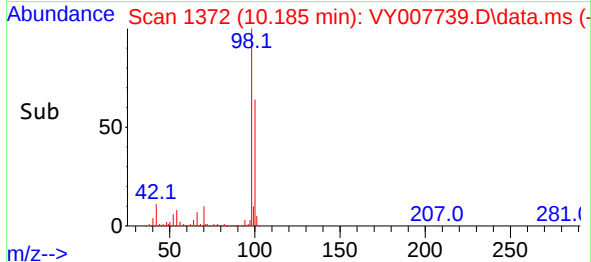
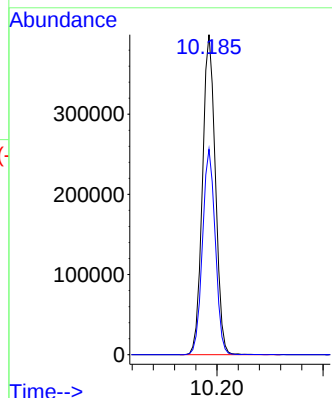
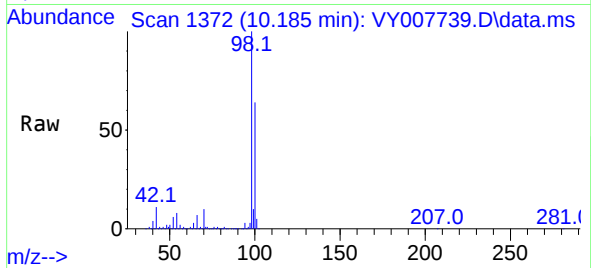




#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

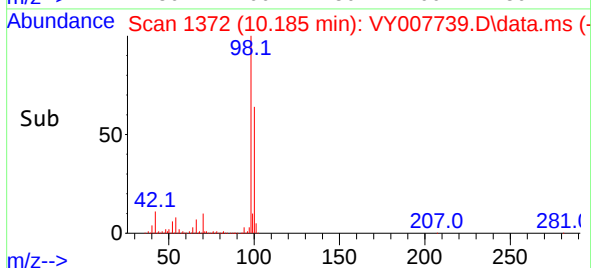
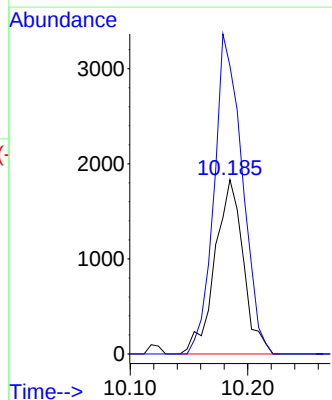
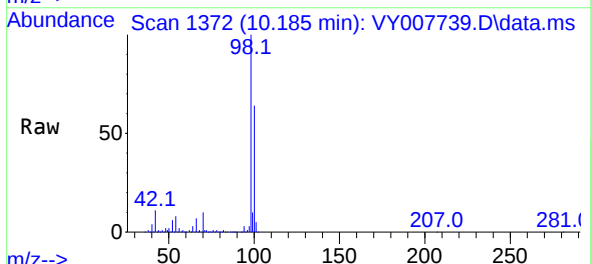
Instrument :
MSVOA_Y
ClientSampleId :

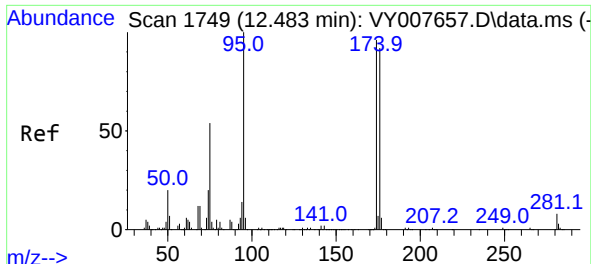
Tgt Ion: 98 Resp: 675178
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 43 Resp: 3078
Ion Ratio Lower Upper
43 100
58 181.9 28.1 42.1#

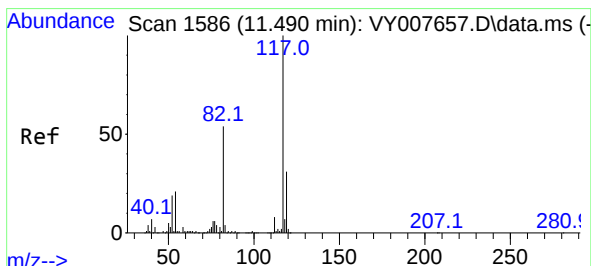
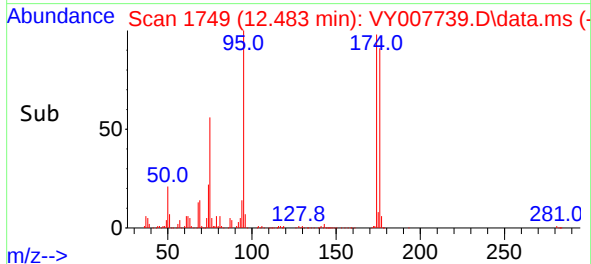
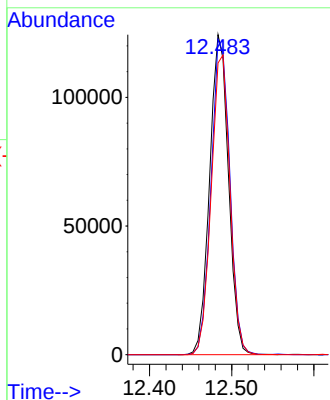
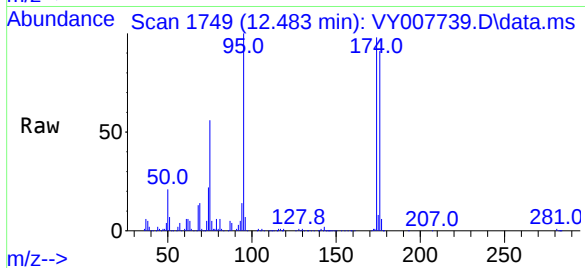




#62
4-Bromofluorobenzene
Concen: 46.723 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

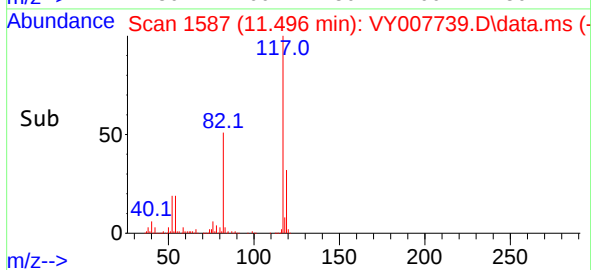
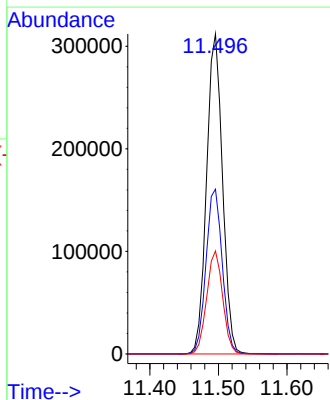
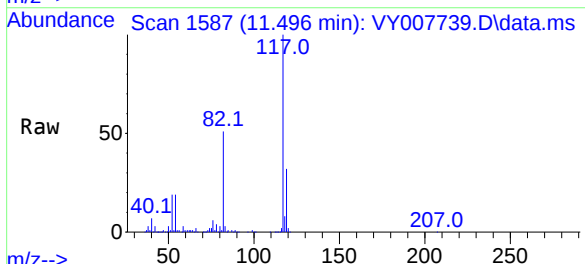
Instrument :
MSVOA_Y
ClientSampleId :

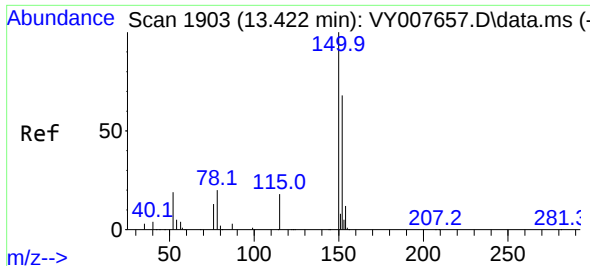
Tgt Ion: 95 Resp: 198159
Ion Ratio Lower Upper
95 100
174 97.9 0.0 177.0
176 93.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007739.D
Acq: 04 Mar 2022 12:09

Tgt Ion: 117 Resp: 504760
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.2 25.4 38.0



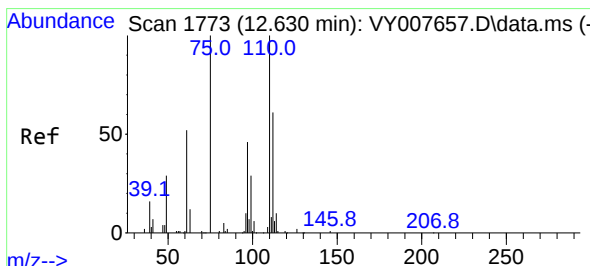
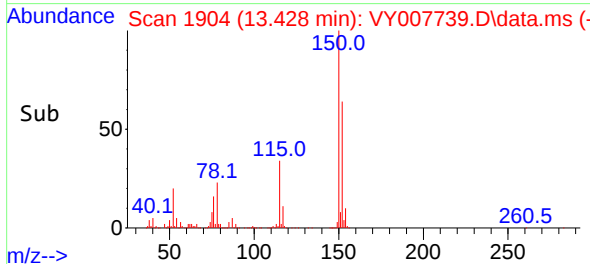
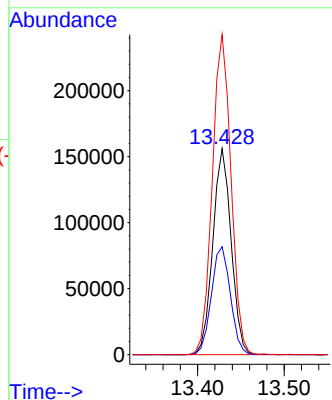
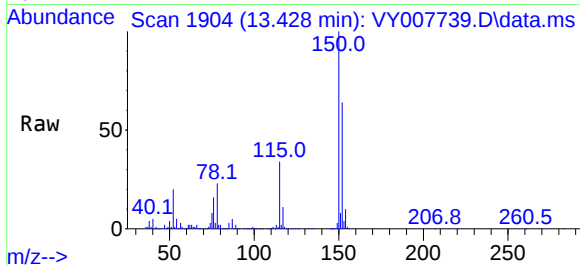


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007739.D
 Acq: 04 Mar 2022 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 229677

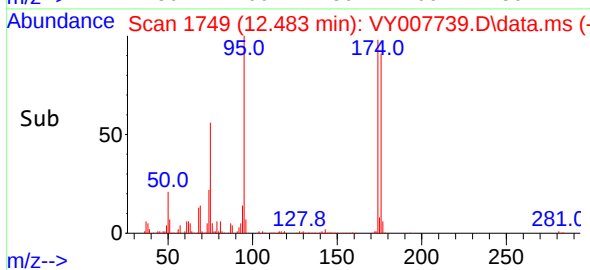
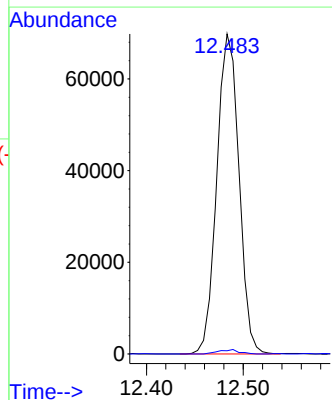
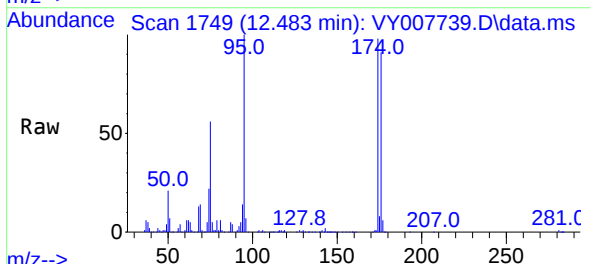
Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	158.4	0.0	347.6

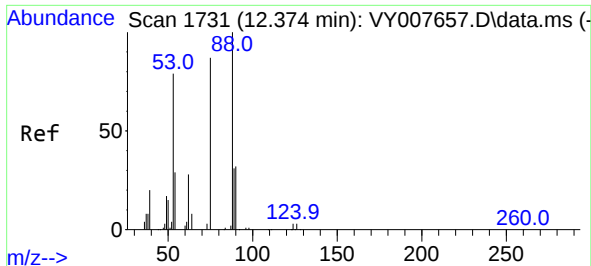


#76
 1,2,3-Trichloropropane
 Concen: 43.291 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007739.D
 Acq: 04 Mar 2022 12:09

Tgt Ion: 75 Resp: 111038

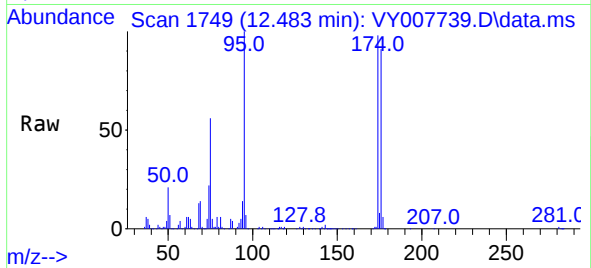
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.502 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007739.D
 Acq: 04 Mar 2022 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 111038
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

