

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007753.D
 Acq On : 04 Mar 2022 19:37
 Operator : SY/MD
 Sample : N1790-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:26:40 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)

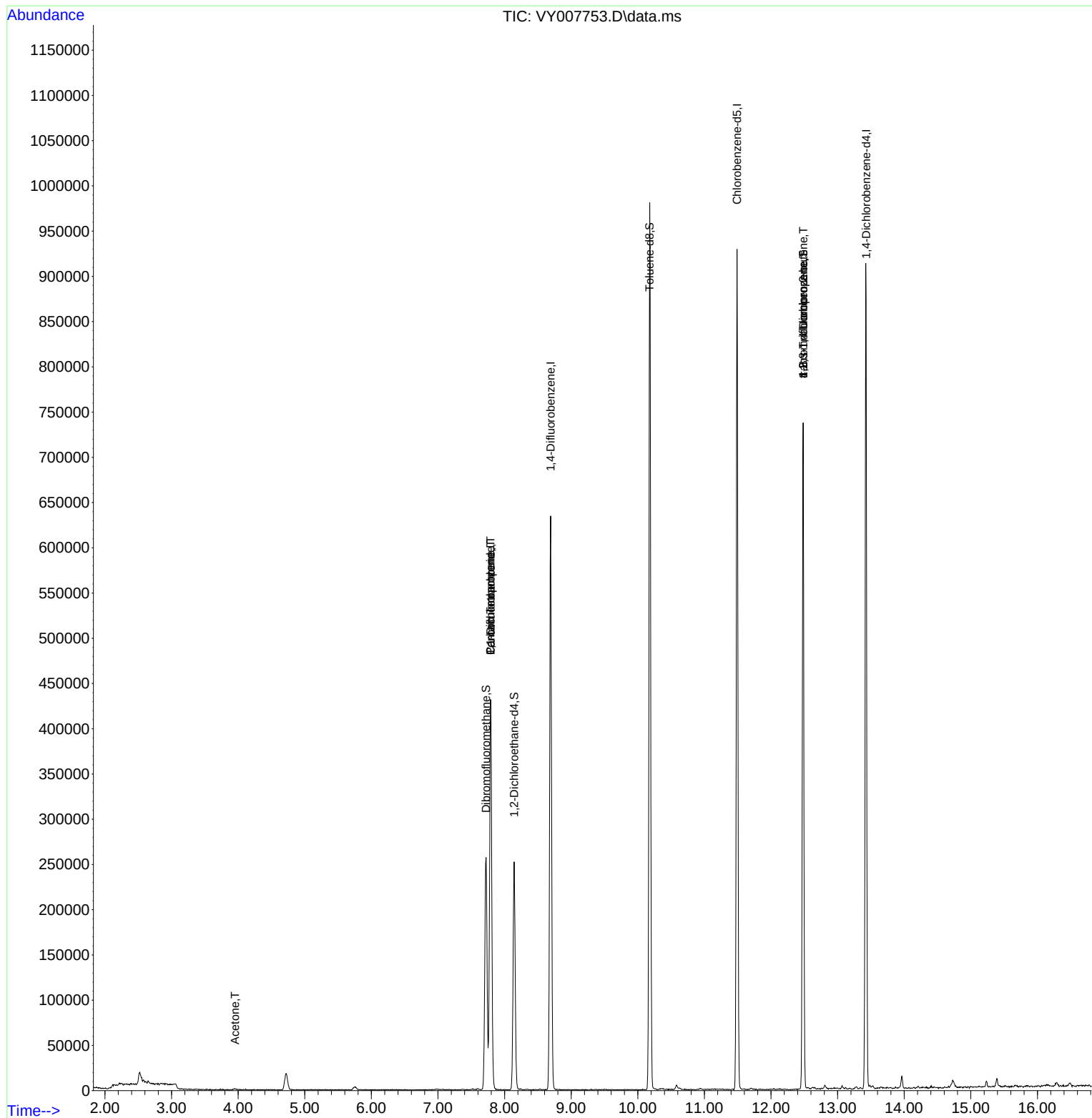
Internal Standards						
1) Pentafluorobenzene	7.789	168	352812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	549784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	496413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	234128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	189698	51.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.722	113	177477	50.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.980%	
50) Toluene-d8	10.179	98	652305	50.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.483	95	196471	47.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.220%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	252	Below Cal	#	43
3) Chloromethane	2.113	50	1113	Below Cal	#	74
13) Acrolein	3.741	56	93	Below Cal	#	39
16) Acetone	3.954	43	1553	2.067	ug/l #	34
17) Carbon Disulfide	4.198	76	35	Below Cal	#	75
18) Methyl Acetate	4.485	43	40	Below Cal	#	56
20) Methylene Chloride	4.722	84	14535	Below Cal	#	77
31) Cyclohexane	7.789	56	7125	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	24072	4.353	ug/l #	51
38) Carbon Tetrachloride	7.789	117	32802	5.561	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	110929	42.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	110929	86.734	ug/l #	7

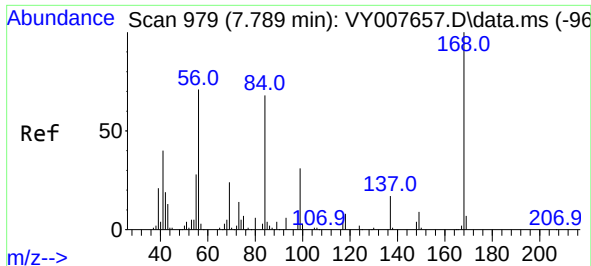
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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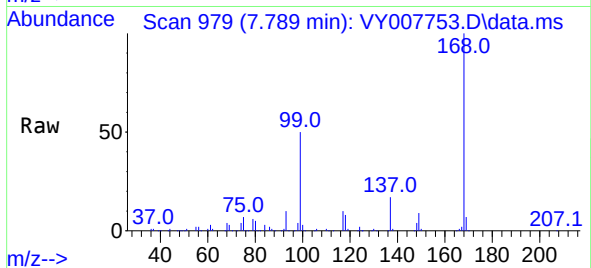
Quant Time: Mar 05 04:26:40 2022
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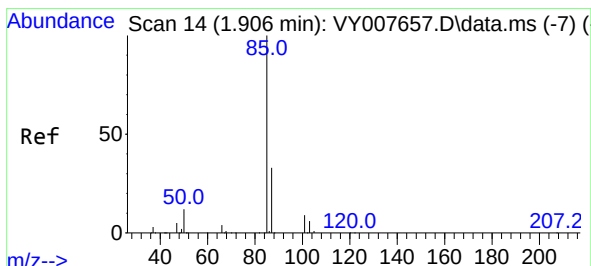
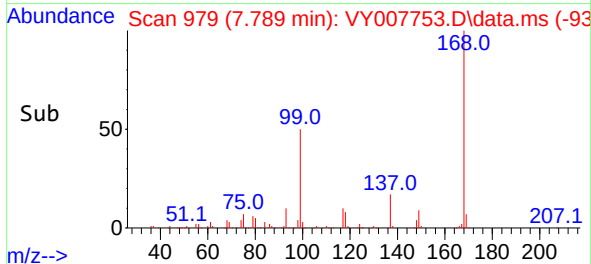
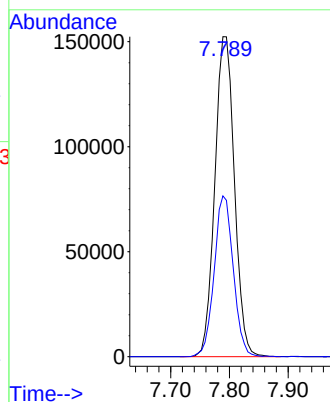


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

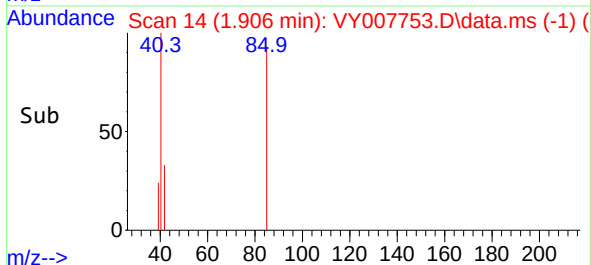
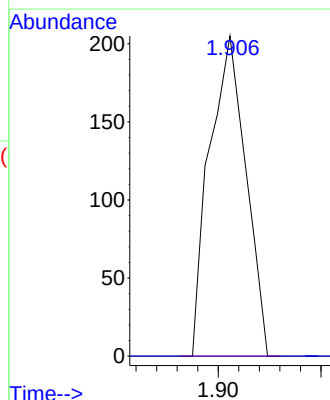
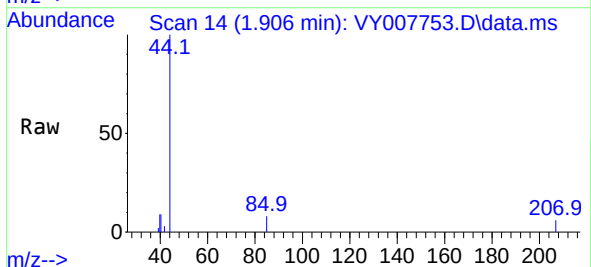


Tgt Ion:168 Resp: 352812
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3

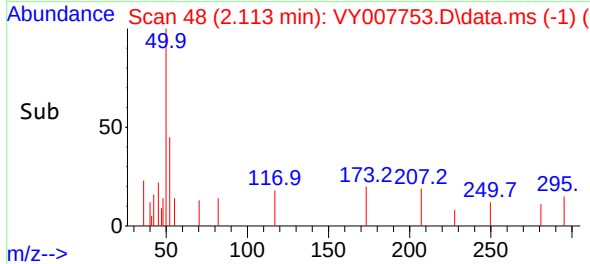
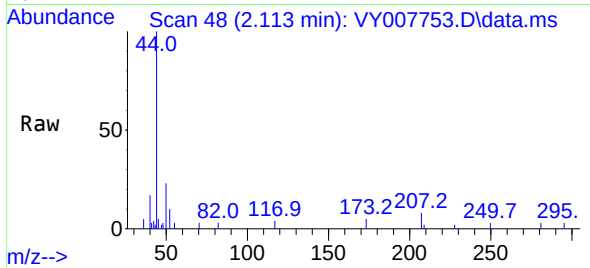
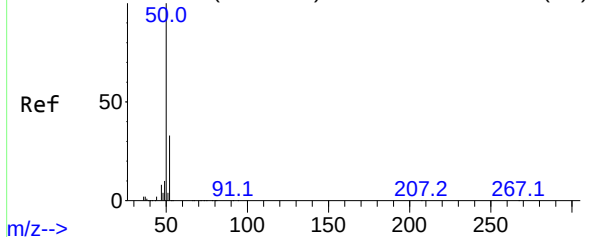


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Tgt Ion: 85 Resp: 252
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



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



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007753.D

Acq: 04 Mar 2022 19:37

Instrument :

MSVOA_Y

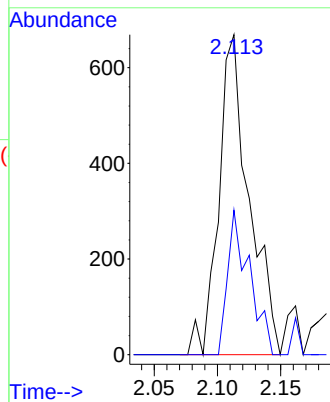
ClientSampleId :

Tgt Ion: 50 Resp: 1113

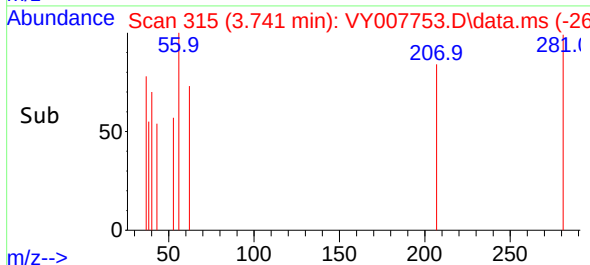
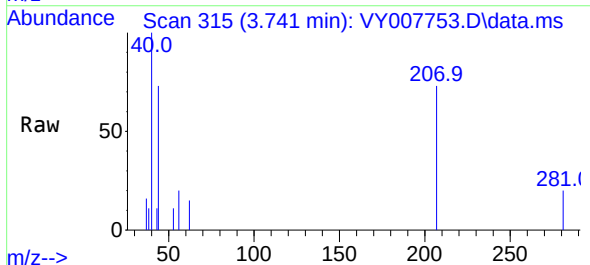
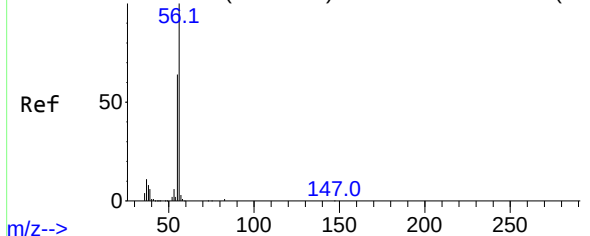
Ion Ratio Lower Upper

50 100

52 45.1 24.6 37.0#



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



#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007753.D

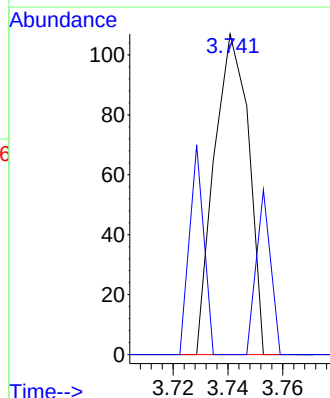
Acq: 04 Mar 2022 19:37

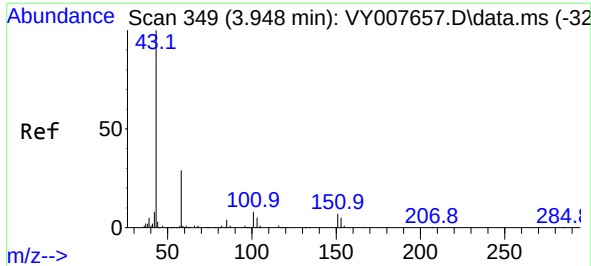
Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 21.5 57.6 86.4#





#16

Acetone

Concen: 2.067 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY007753.D

Acq: 04 Mar 2022 19:37

Instrument :

MSVOA_Y

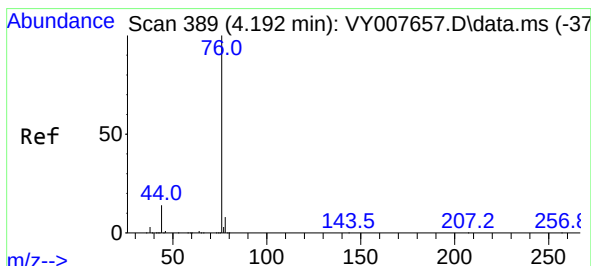
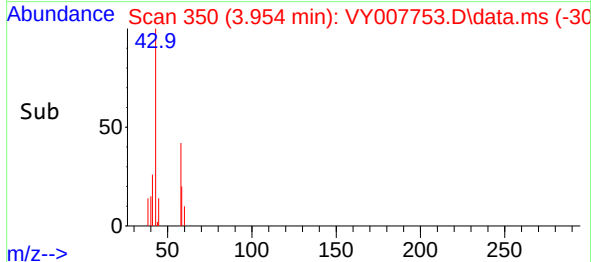
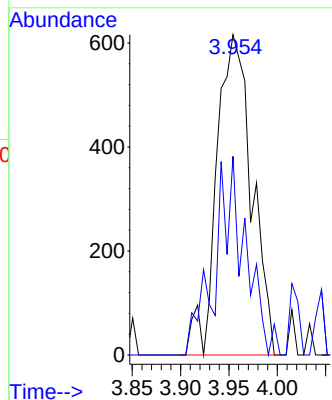
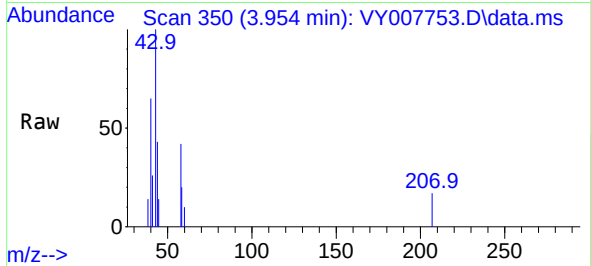
ClientSampleId :

Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

43 100

58 62.0 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007753.D

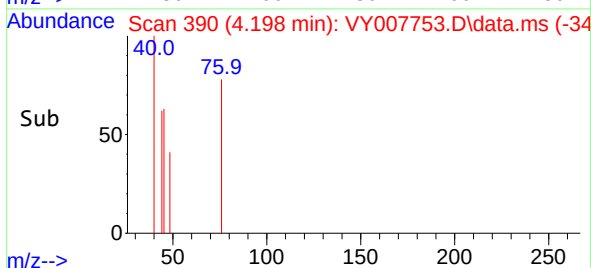
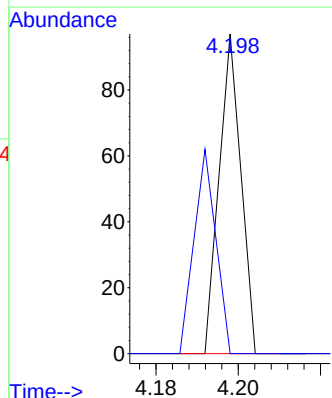
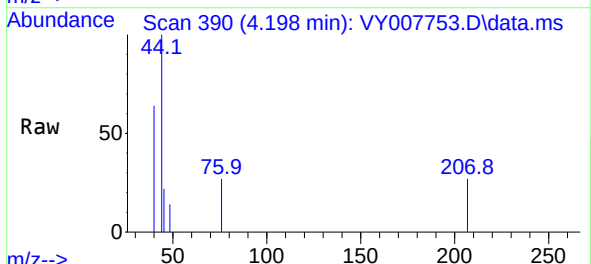
Acq: 04 Mar 2022 19:37

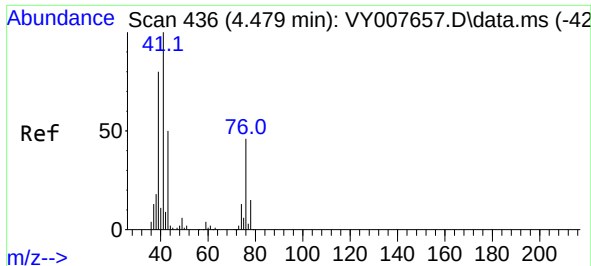
Tgt Ion: 76 Resp: 35

Ion Ratio Lower Upper

76 100

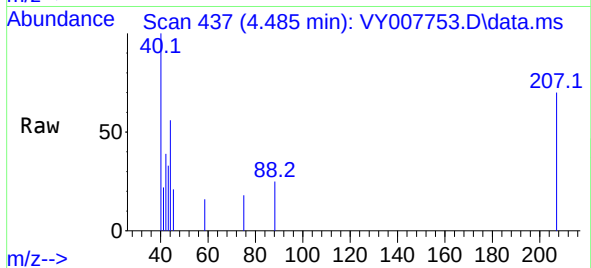
78 0.0 7.4 11.0#



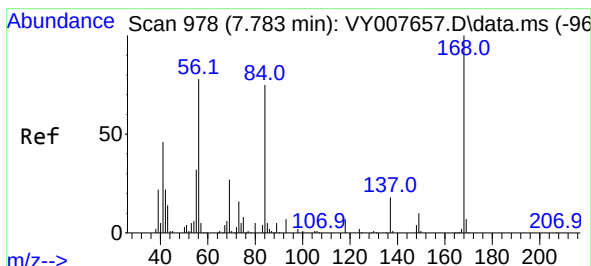
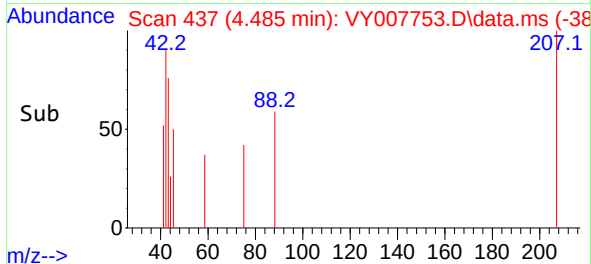
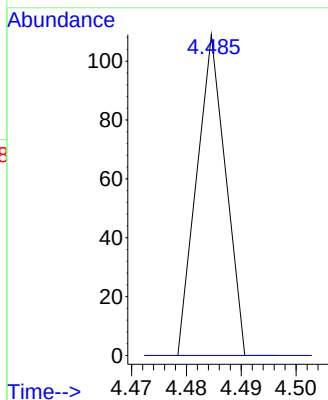


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

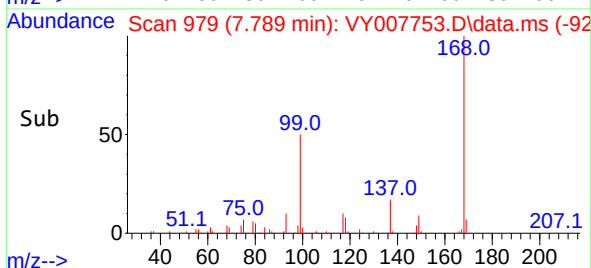
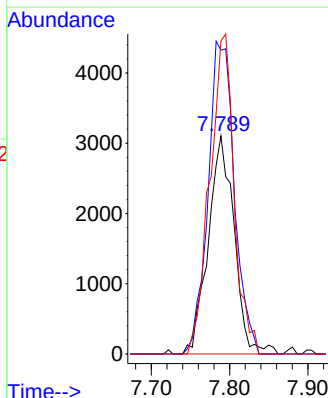
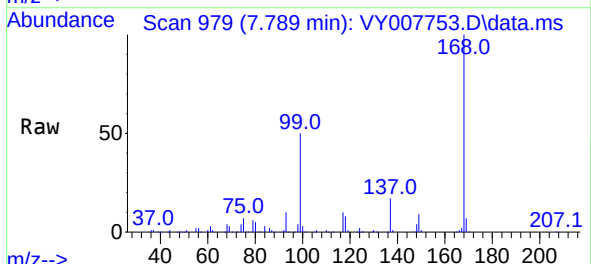


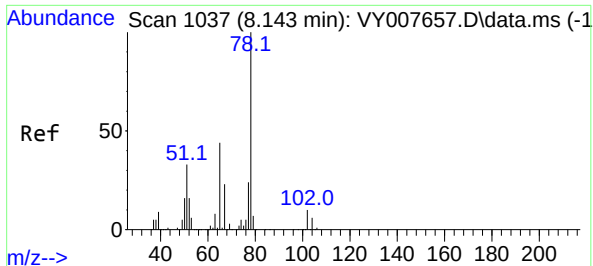
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Tgt Ion: 56 Resp: 7125
Ion Ratio Lower Upper
56 100
69 139.4 26.7 40.1#
84 143.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.358 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007753.D

Acq: 04 Mar 2022 19:37

Instrument :

MSVOA_Y

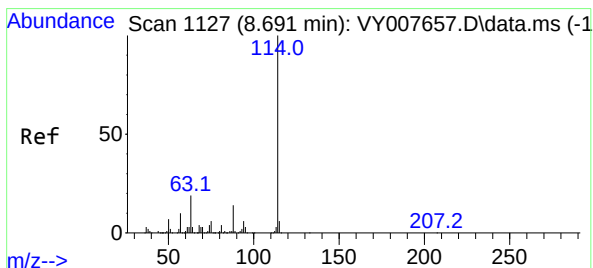
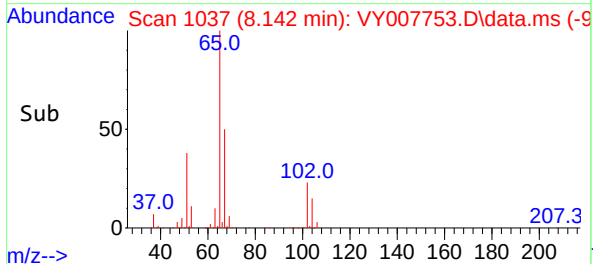
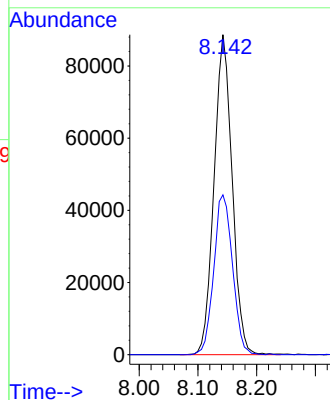
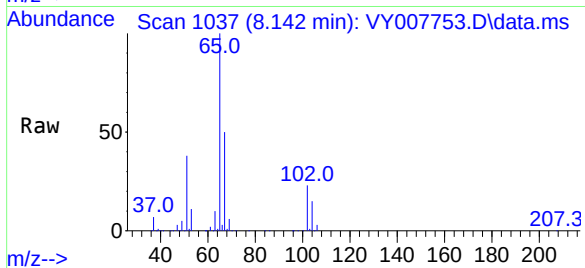
ClientSampleId :

Tgt Ion: 65 Resp: 189698

Ion Ratio Lower Upper

65 100

67 51.7 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: VY007753.D

Acq: 04 Mar 2022 19:37

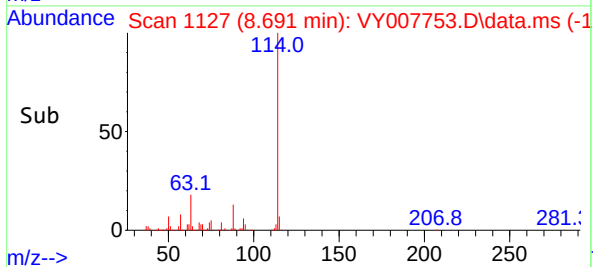
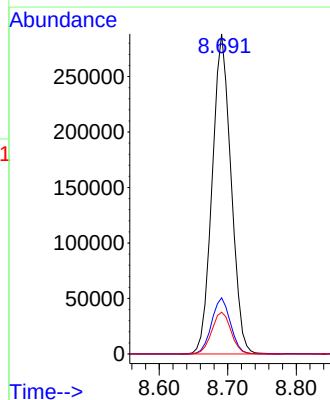
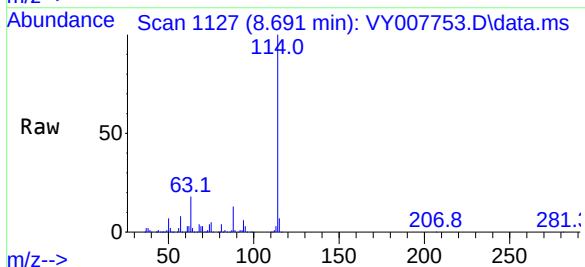
Tgt Ion:114 Resp: 549784

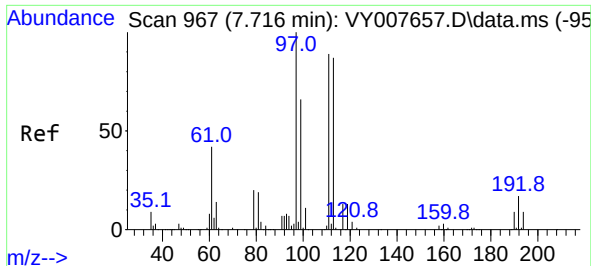
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

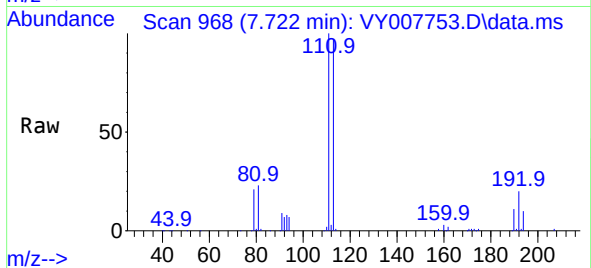
88 13.1 0.0 31.8



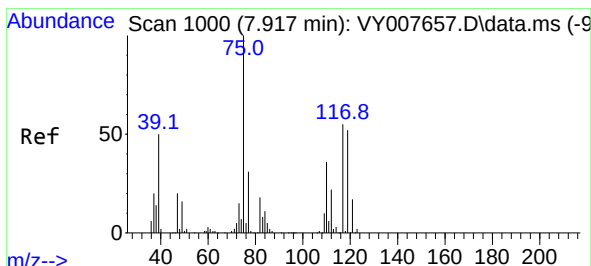
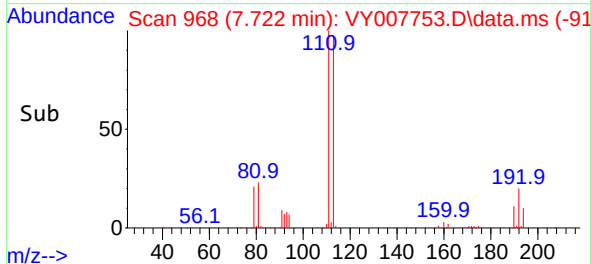
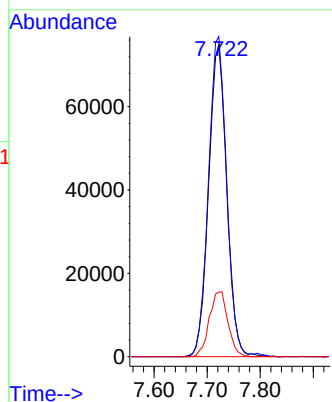


#35
Dibromofluoromethane
Concen: 50.492 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

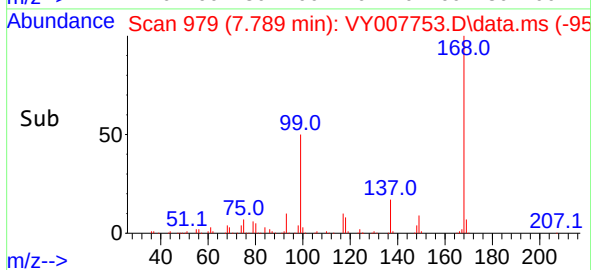
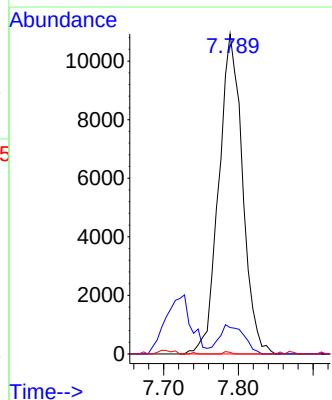
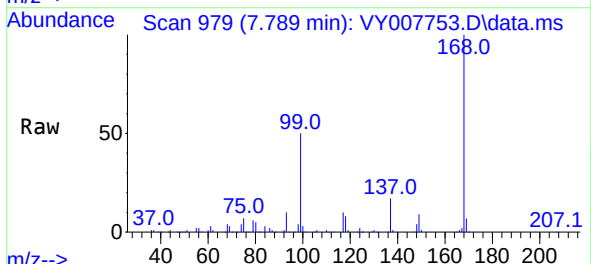


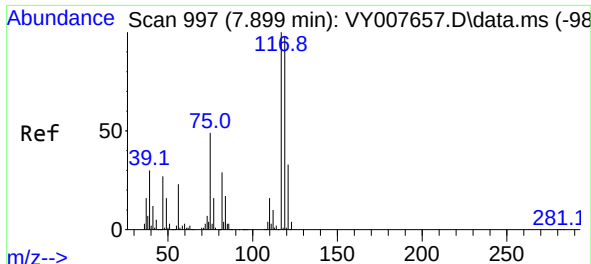
Tgt Ion:113 Resp: 177477
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

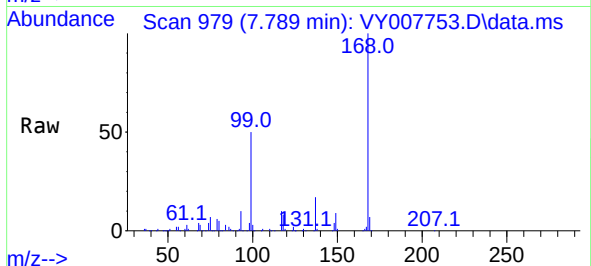
Tgt Ion: 75 Resp: 24072
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.2 24.4 36.6#



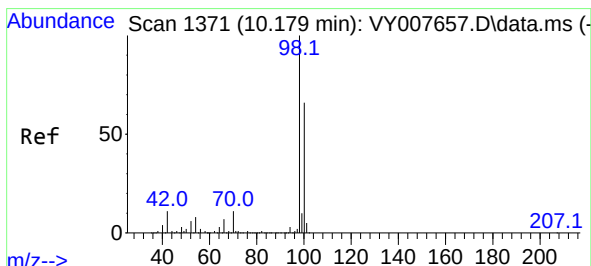
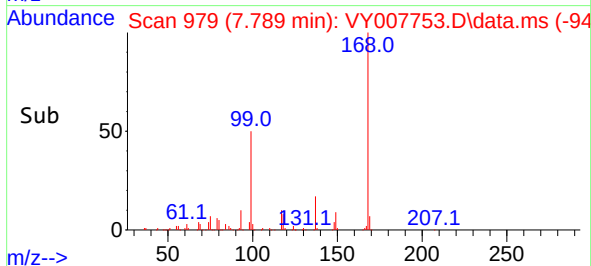
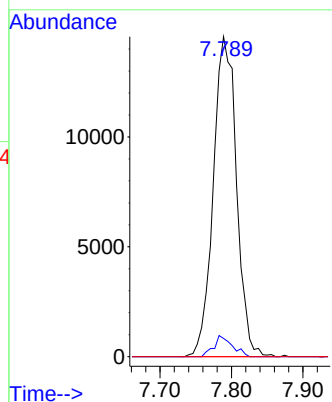


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

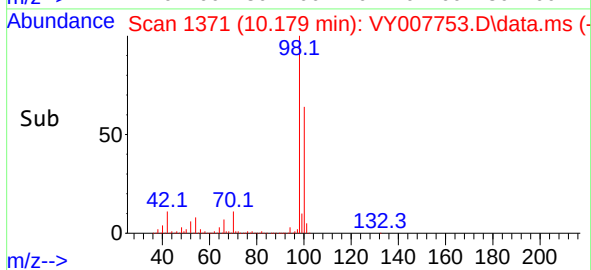
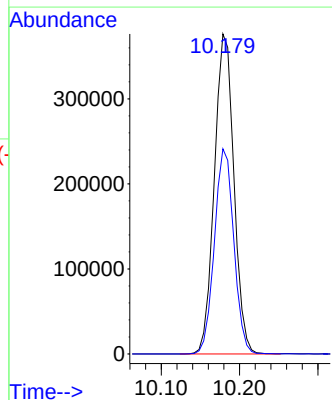
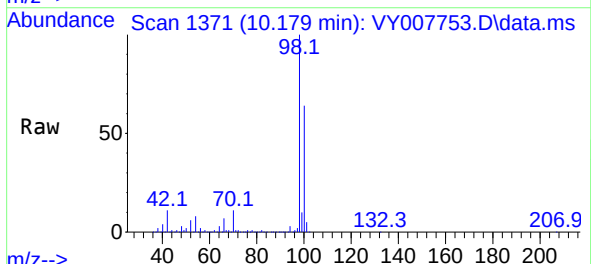


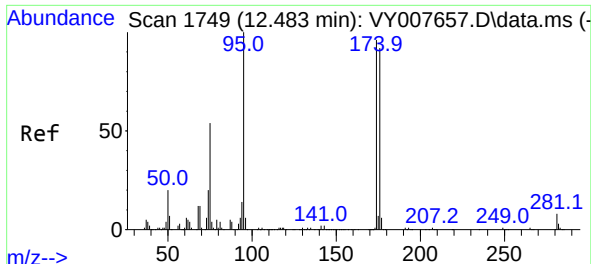
Tgt Ion:117 Resp: 32802
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Tgt Ion: 98 Resp: 652305
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

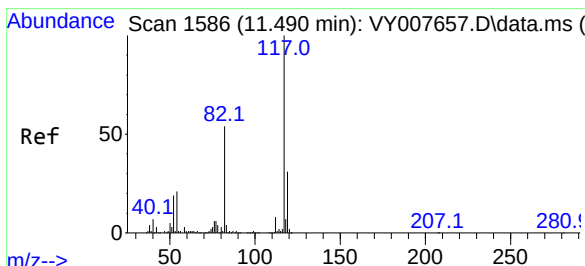
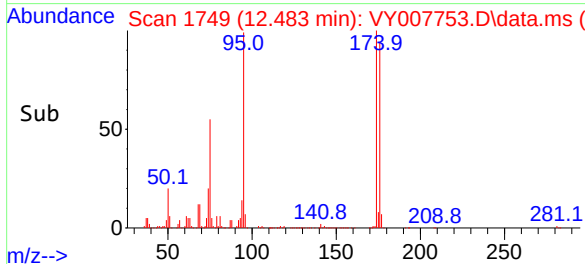
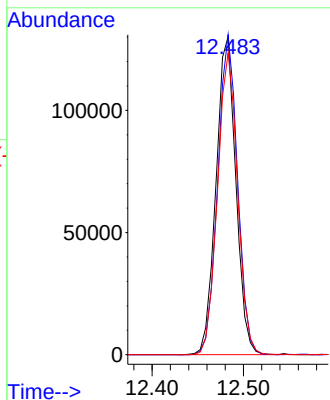
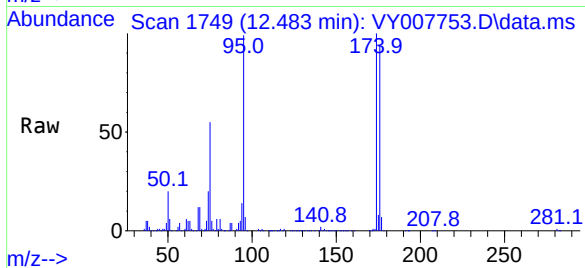




#62
4-Bromofluorobenzene
Concen: 47.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

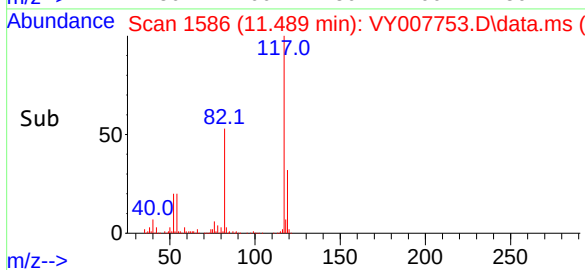
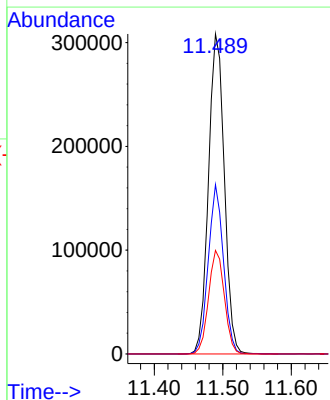
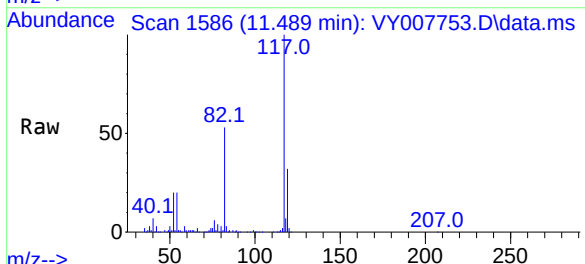
Instrument :
MSVOA_Y
ClientSampleId :

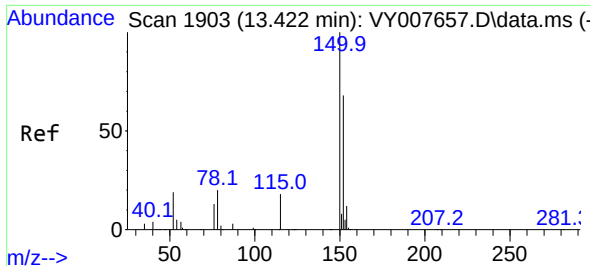
Tgt Ion: 95 Resp: 196471
Ion Ratio Lower Upper
95 100
174 100.3 0.0 177.0
176 95.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007753.D
Acq: 04 Mar 2022 19:37

Tgt Ion: 117 Resp: 496413
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.4 25.4 38.0

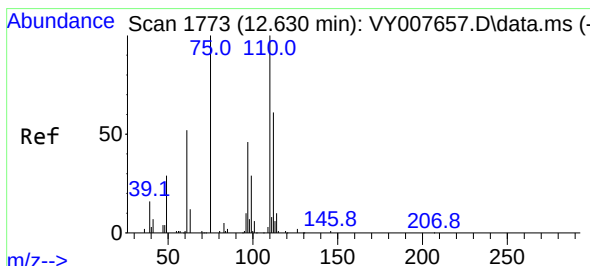
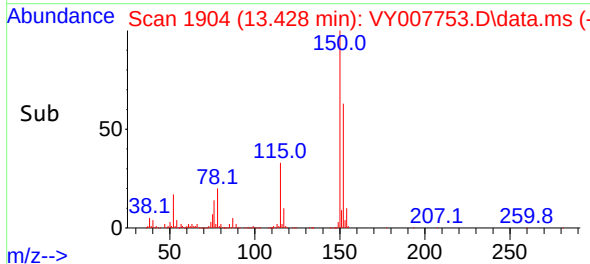
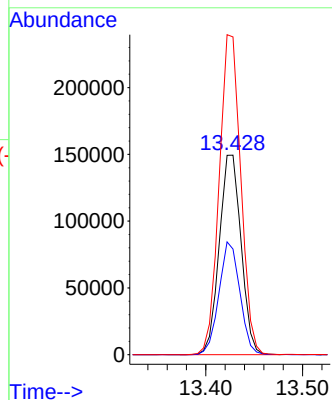
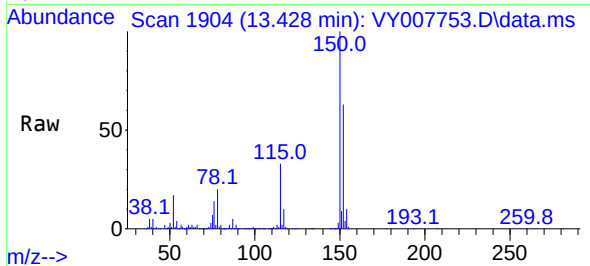




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007753.D
 Acq: 04 Mar 2022 19:37

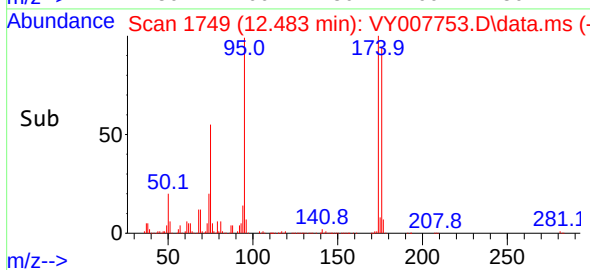
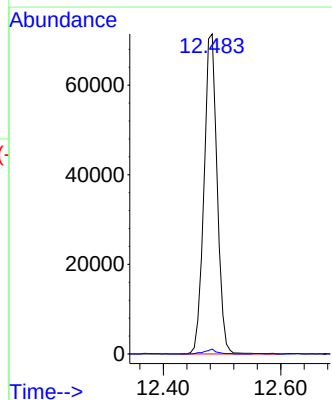
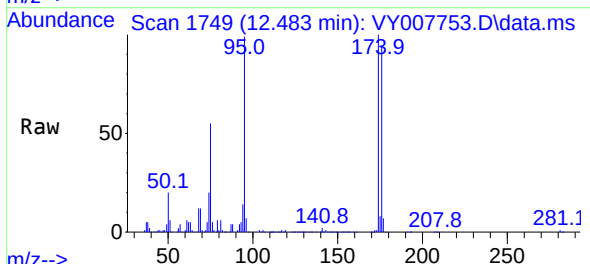
Instrument :
 MSVOA_Y
 ClientSampleId :

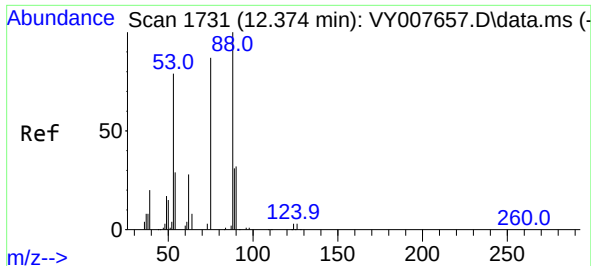
Tgt Ion:152 Resp: 234128
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.426 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007753.D
 Acq: 04 Mar 2022 19:37

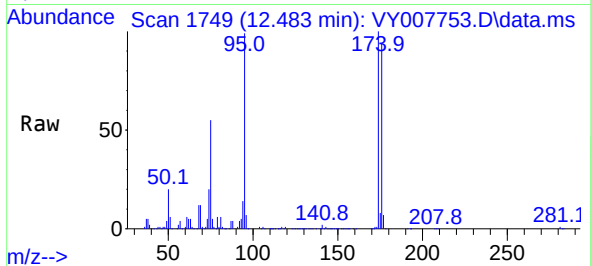
Tgt Ion: 75 Resp: 110929
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.734 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007753.D
 Acq: 04 Mar 2022 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 110929
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

