

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007791.D
 Acq On : 08 Mar 2022 19:35
 Operator : SY/MD
 Sample : N1763-05
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:29:37 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)

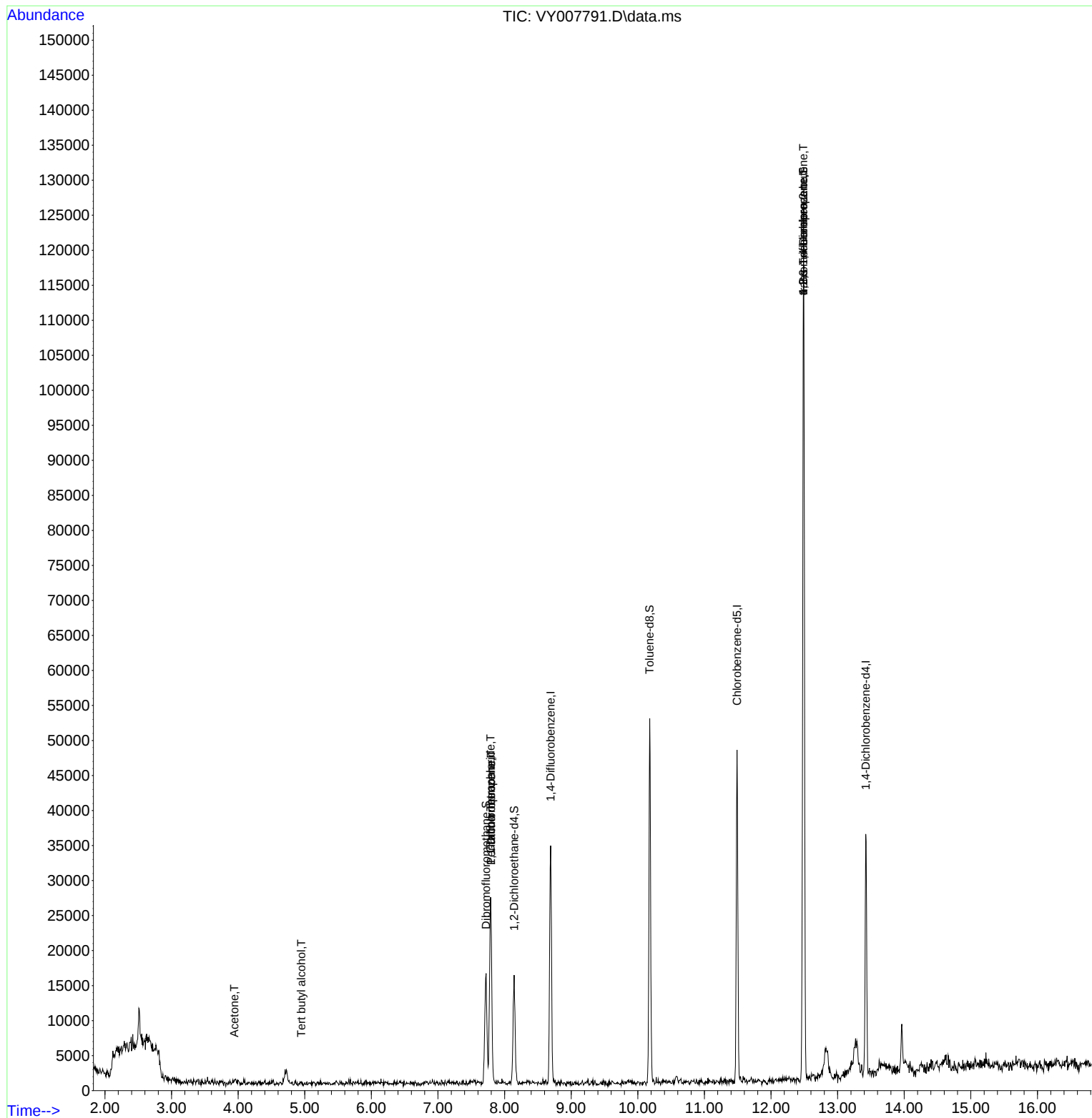
Internal Standards						
1) Pentafluorobenzene	7.795	168	20062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10711	50.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.000%	
35) Dibromofluoromethane	7.722	113	10815	57.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.960%	
50) Toluene-d8	10.179	98	33159	48.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.483	95	8788	39.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.420%	
Target Compounds						
2) Dichlorodifluoromethane	2.131	85	31	Below Cal	#	5
3) Chloromethane	2.113	50	446	Below Cal	#	78
11) Tert butyl alcohol	4.948	59	22	1.210	ug/l #	77
13) Acrolein	3.753	56	19	Below Cal	#	14
16) Acetone	3.942	43	550	12.873	ug/l #	47
18) Methyl Acetate	4.472	43	88	Below Cal	#	3
20) Methylene Chloride	4.735	84	782	Below Cal	#	40
31) Cyclohexane	7.801	56	508	Below Cal	#	65
36) 1,1-Dichloropropene	7.795	75	1881	6.411	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2266	7.240	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	5444	55.126	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5444	112.698	ug/l #	8

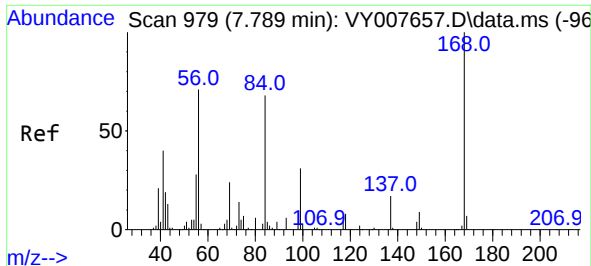
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
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Quant Title : SW846 8260
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Response via : Initial Calibration

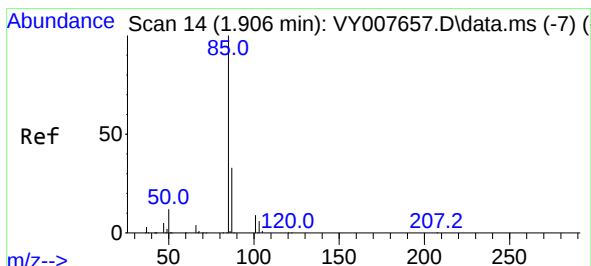
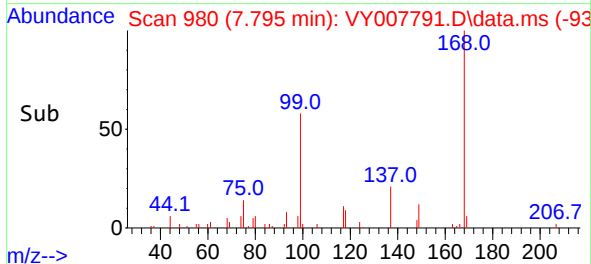
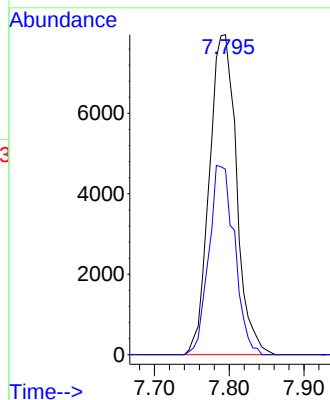
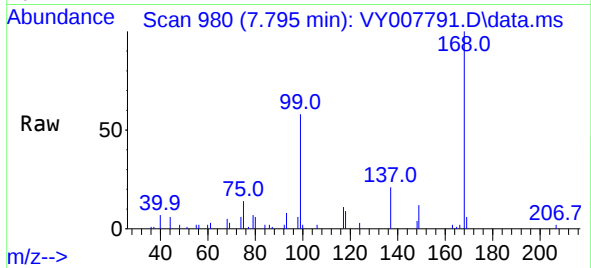




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

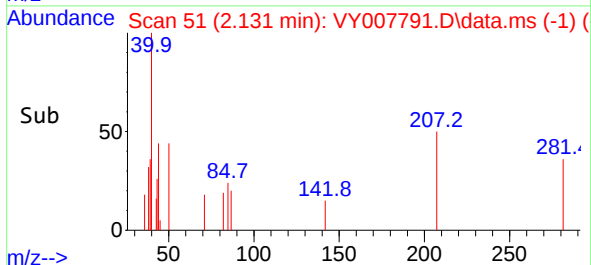
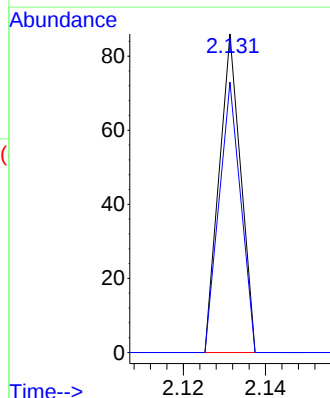
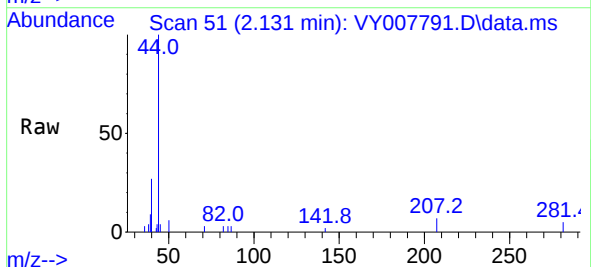
Instrument :
MSVOA_Y
ClientSampleId :

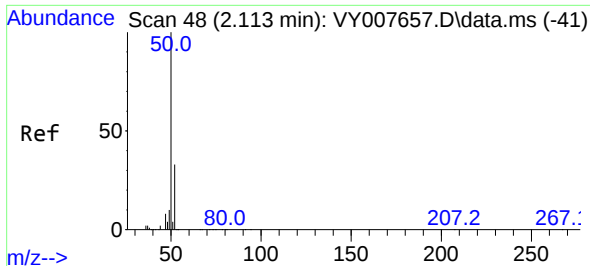
Tgt Ion:168 Resp: 20062
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.131 min Scan# 51
Delta R.T. 0.225 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

Tgt Ion: 85 Resp: 31
Ion Ratio Lower Upper
85 100
87 84.9 16.1 48.2#

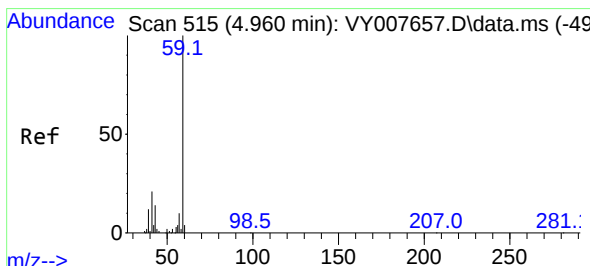
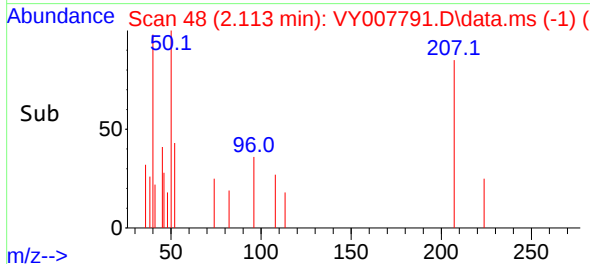
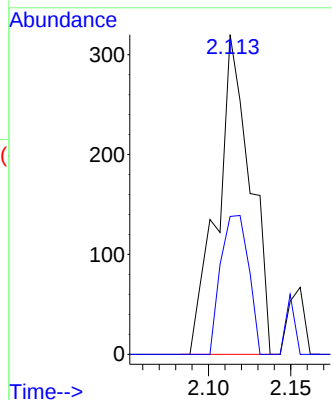
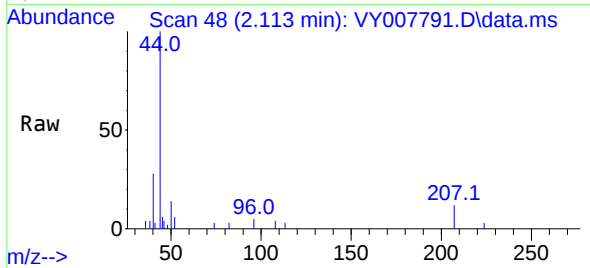




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

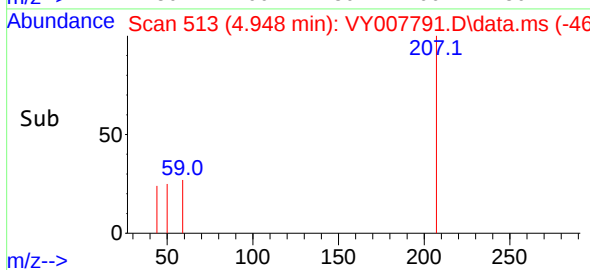
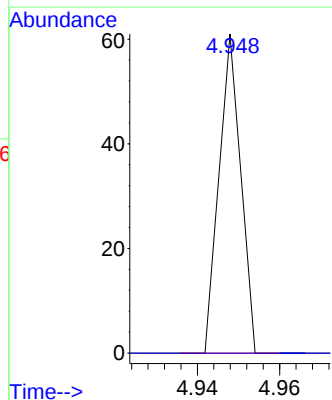
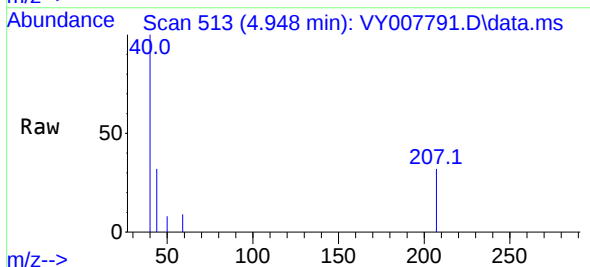
Instrument :
MSVOA_Y
ClientSampleId :

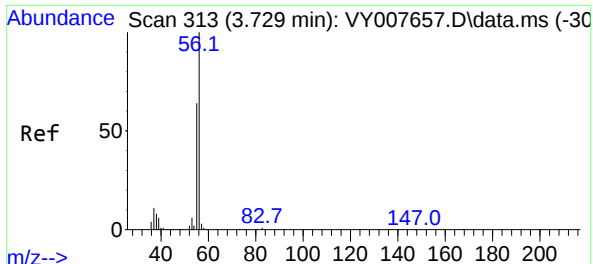
Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 43.1 24.6 37.0#



#11
Tert butyl alcohol
Concen: 1.210 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

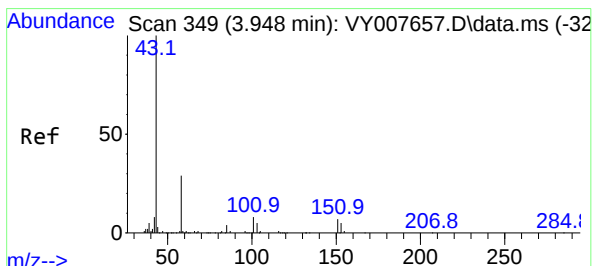
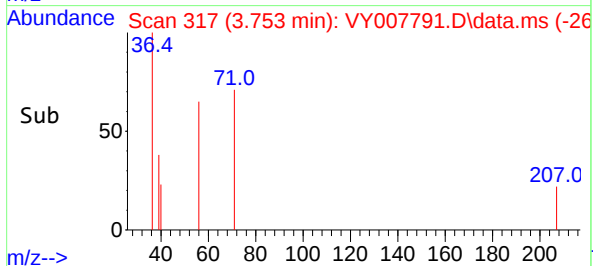
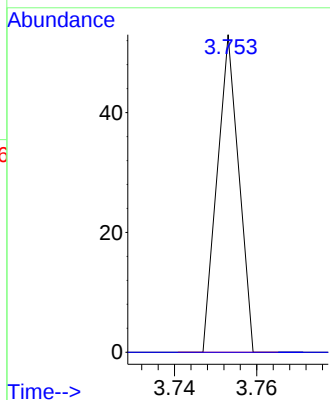
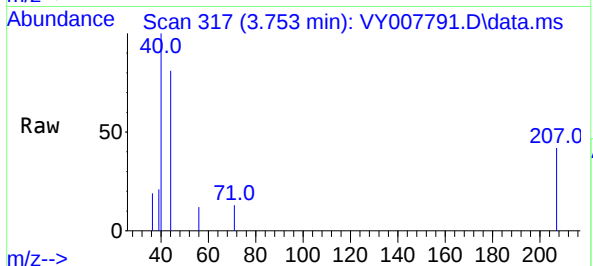




#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

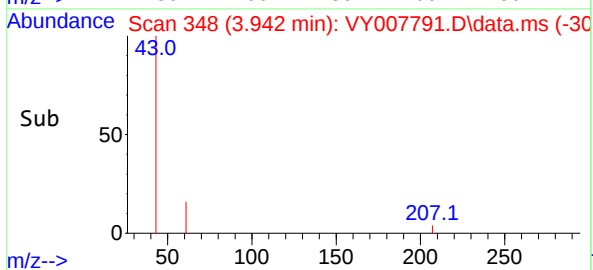
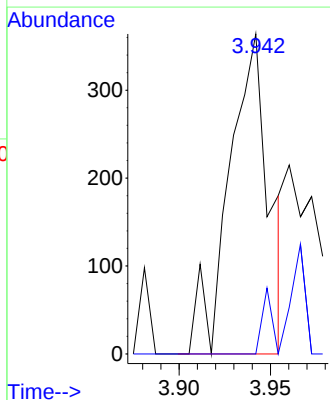
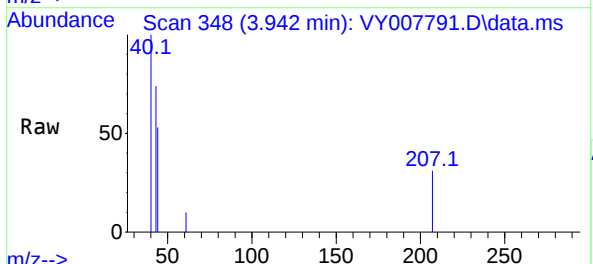
Instrument :
MSVOA_Y
ClientSampleId :

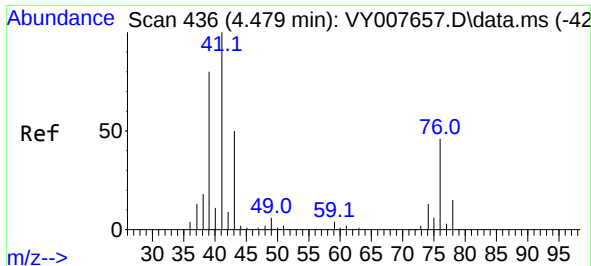
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 12.873 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

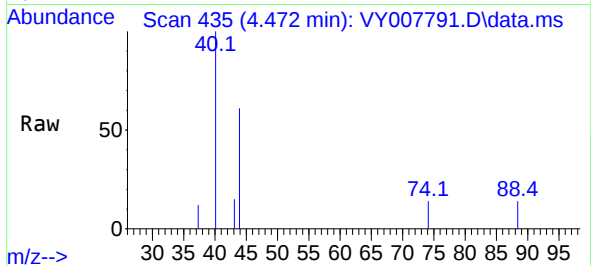
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



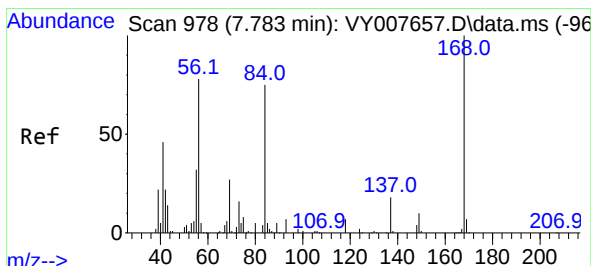
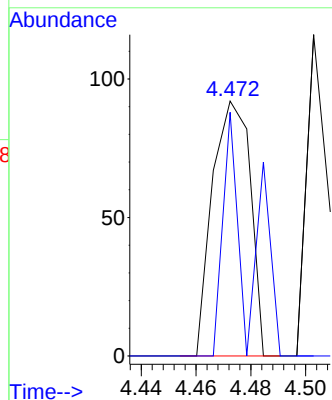
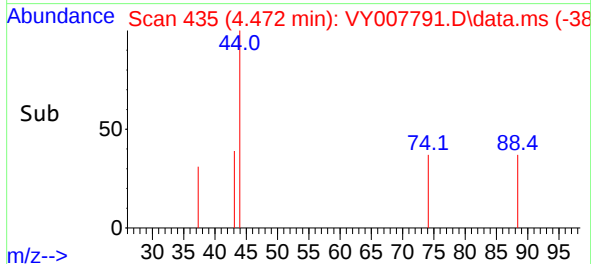


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

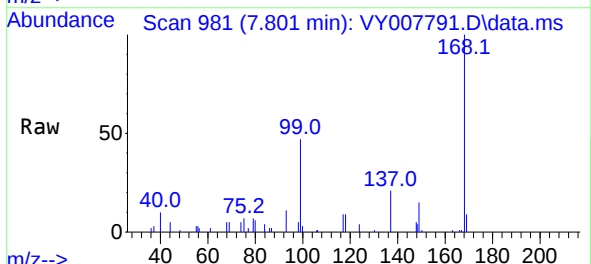
Instrument :
MSVOA_Y
ClientSampleId :



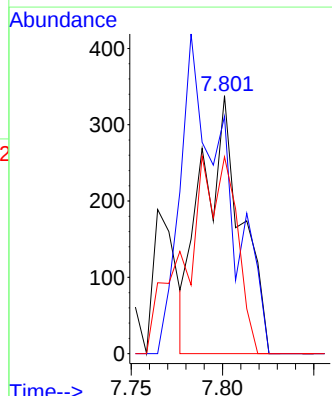
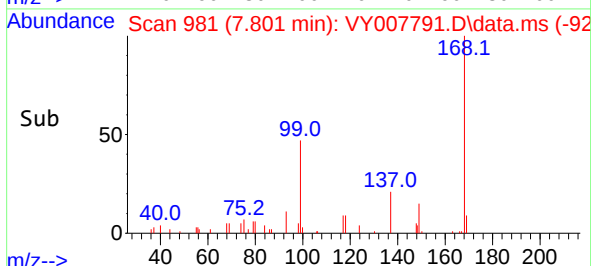
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 65.9 16.6 24.8#

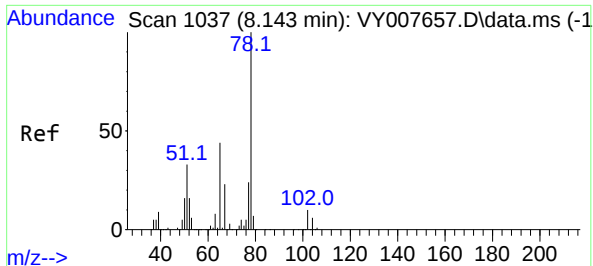


#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35



Tgt Ion: 56 Resp: 508
Ion Ratio Lower Upper
56 100
69 92.0 26.7 40.1#
84 76.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 50.997 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007791.D

Acq: 08 Mar 2022 19:35

Instrument :

MSVOA_Y

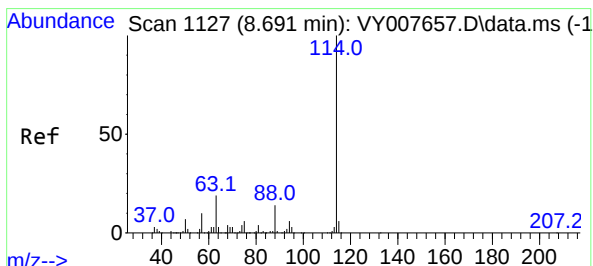
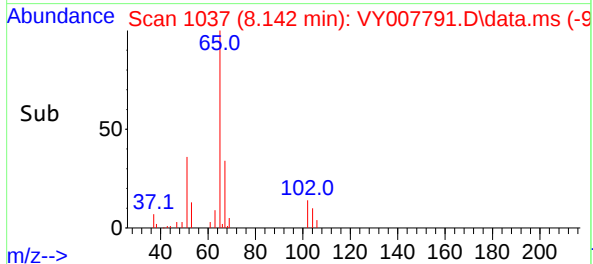
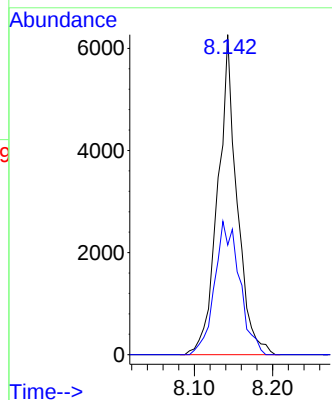
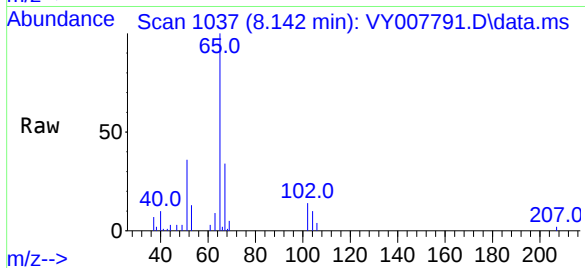
ClientSampleId :

Tgt Ion: 65 Resp: 10711

Ion Ratio Lower Upper

65 100

67 53.9 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: VY007791.D

Acq: 08 Mar 2022 19:35

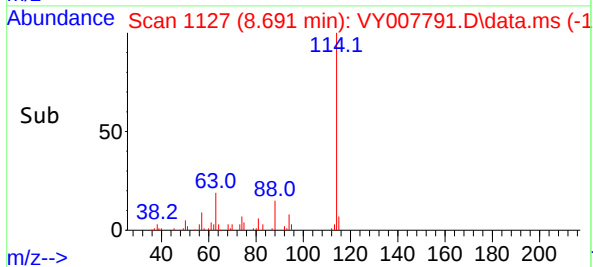
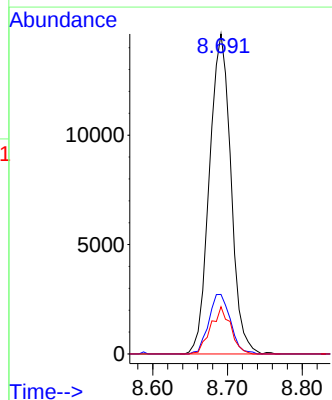
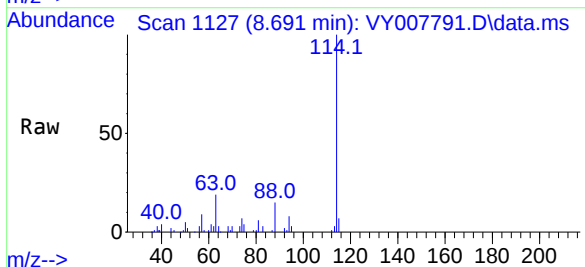
Tgt Ion: 114 Resp: 29175

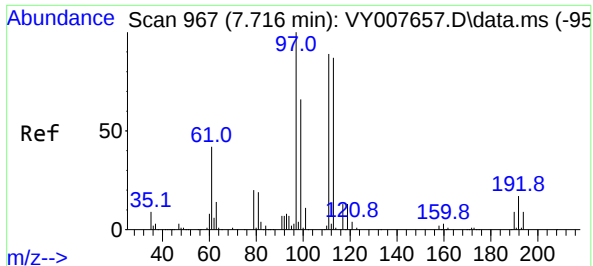
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.7 0.0 31.8

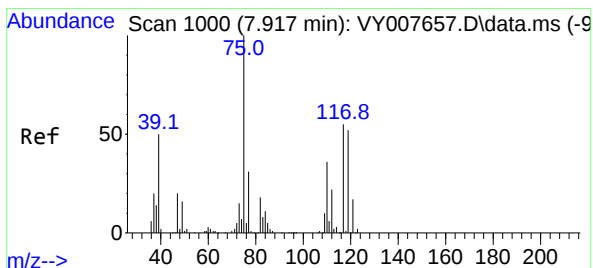
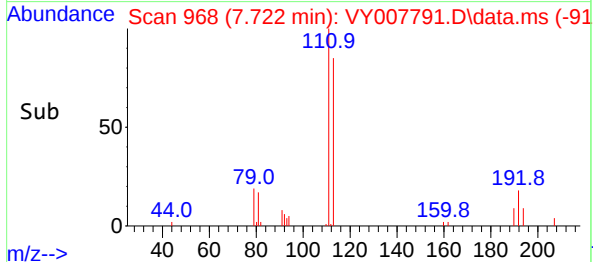
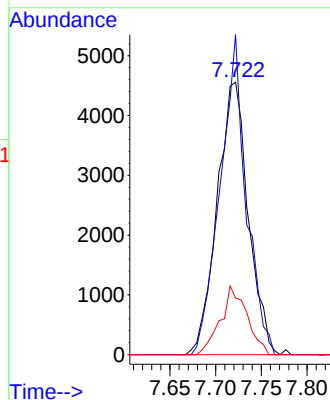
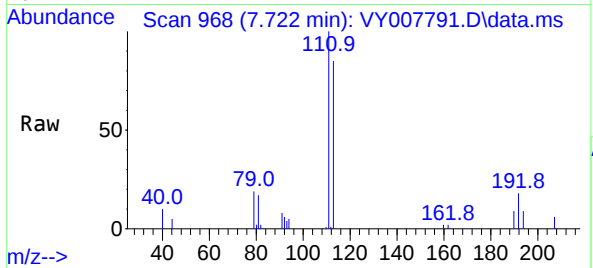




#35
Dibromofluoromethane
Concen: 57.982 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

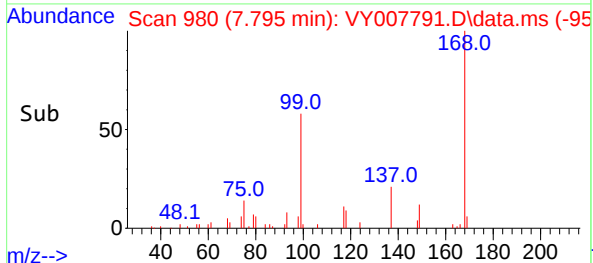
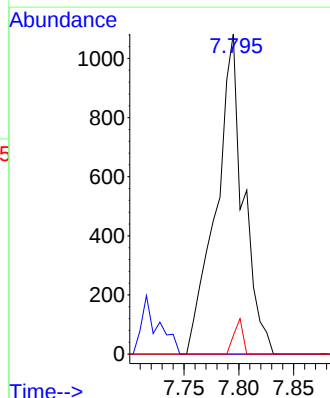
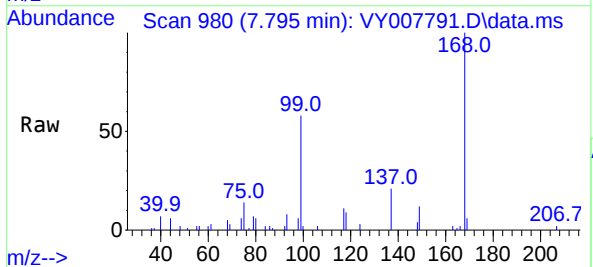
Instrument :
MSVOA_Y
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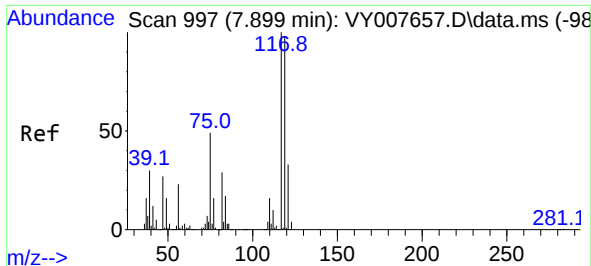
Tgt Ion:113 Resp: 10815
Ion Ratio Lower Upper
113 100
111 97.8 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.411 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

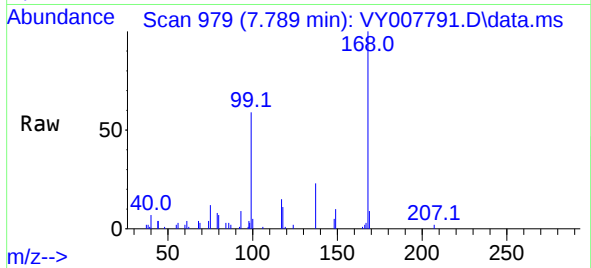
Tgt Ion: 75 Resp: 1881
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 3.6 24.4 36.6#



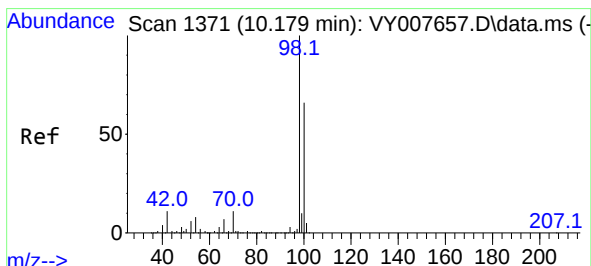
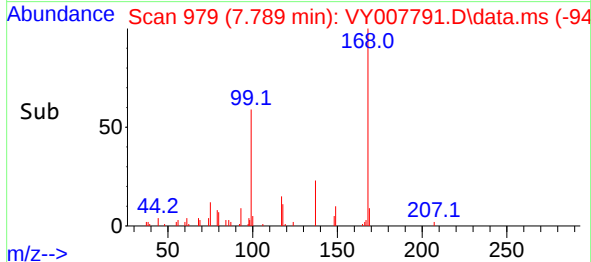
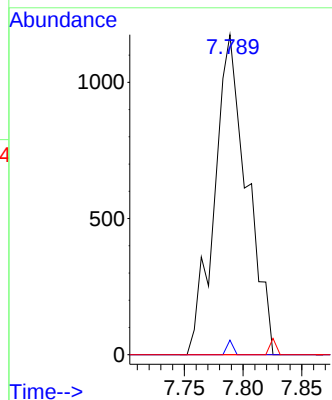


#38
Carbon Tetrachloride
Concen: 7.240 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

Instrument :
MSVOA_Y
ClientSampleId :

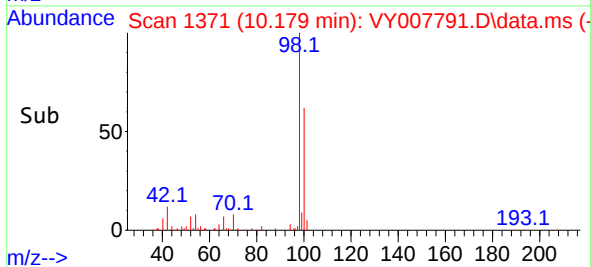
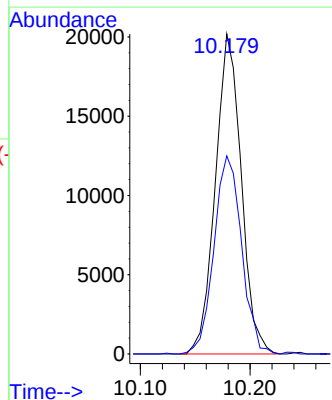
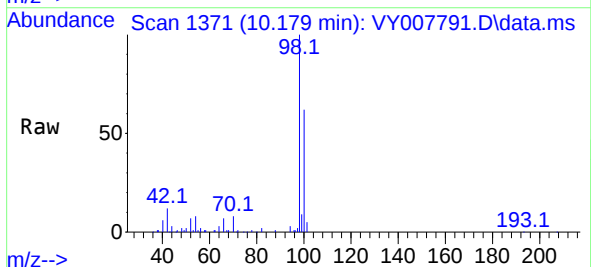


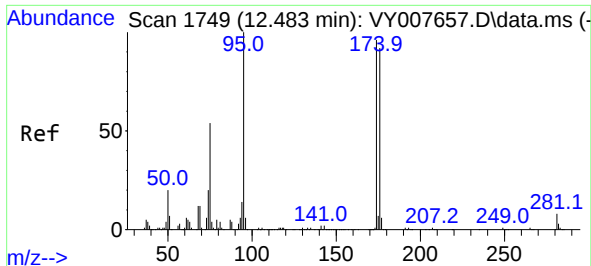
Tgt Ion:117 Resp: 2266
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

Tgt Ion: 98 Resp: 33159
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

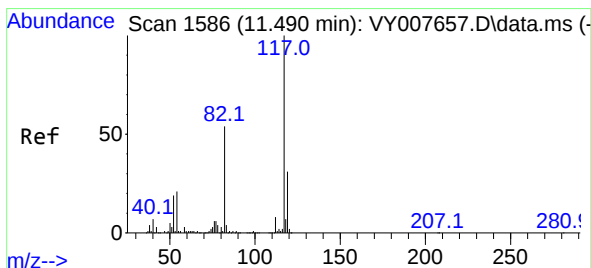
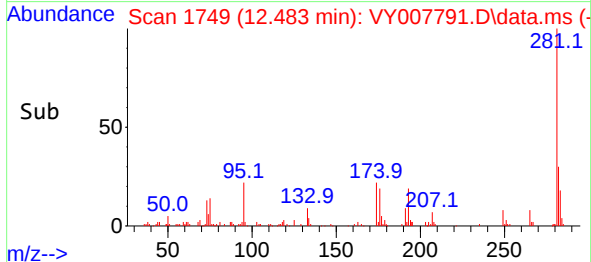
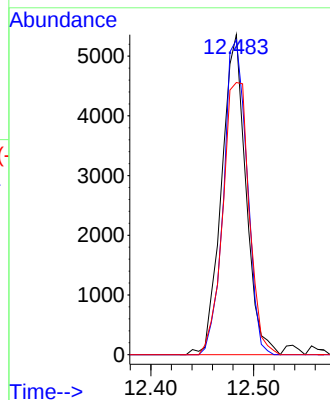
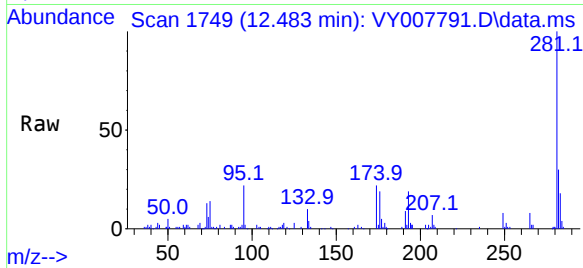




#62
4-Bromofluorobenzene
Concen: 39.706 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

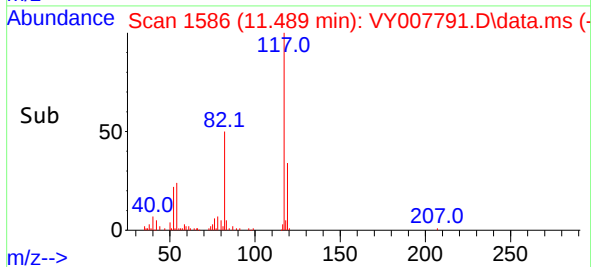
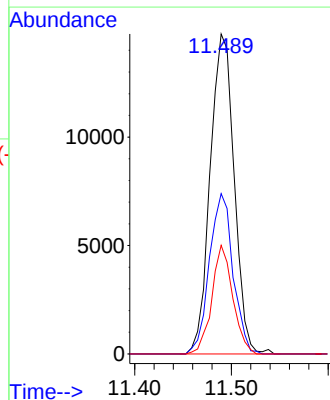
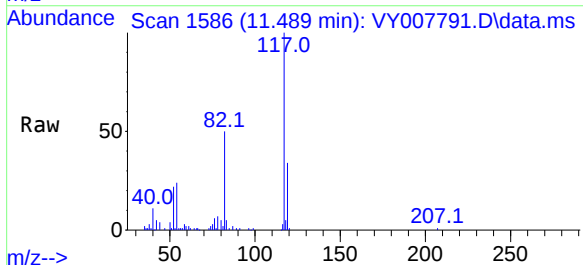
Instrument :
MSVOA_Y
ClientSampleId :

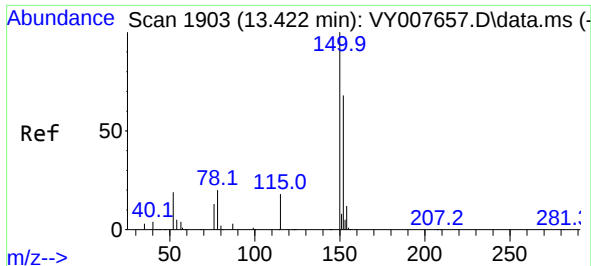
Tgt Ion: 95 Resp: 8788
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 92.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007791.D
Acq: 08 Mar 2022 19:35

Tgt Ion: 117 Resp: 25415
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 34.0 25.4 38.0

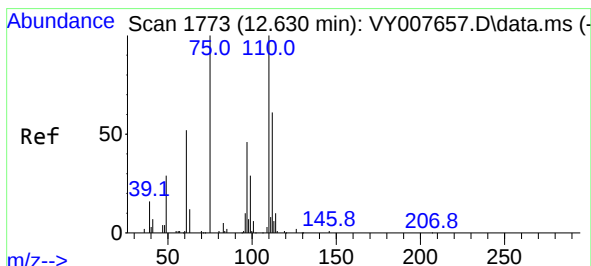
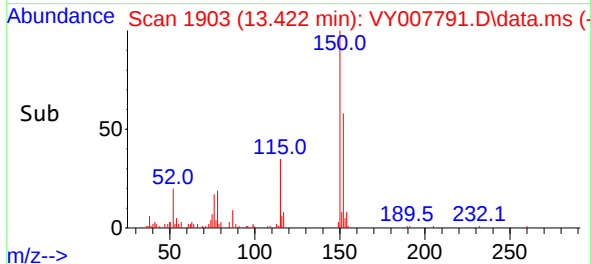
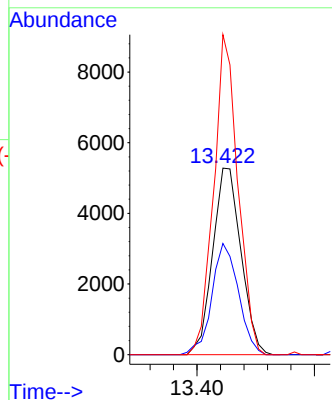
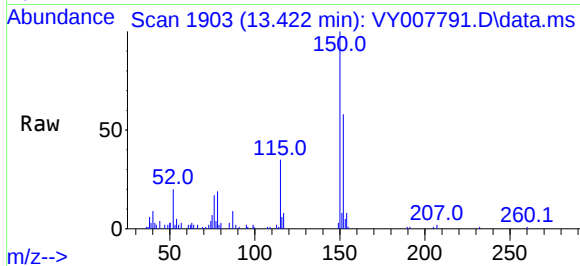




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007791.D
 Acq: 08 Mar 2022 19:35

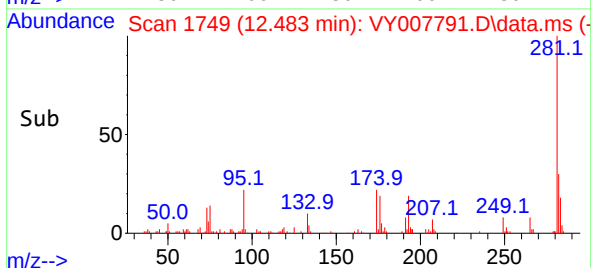
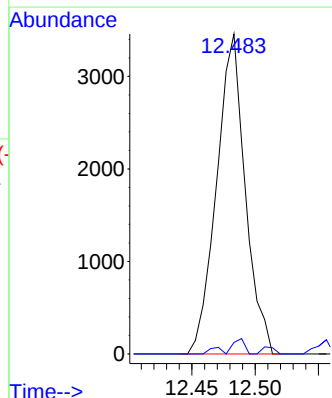
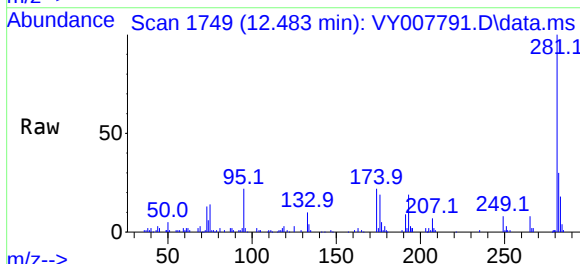
Instrument :
 MSVOA_Y
 ClientSampleId :

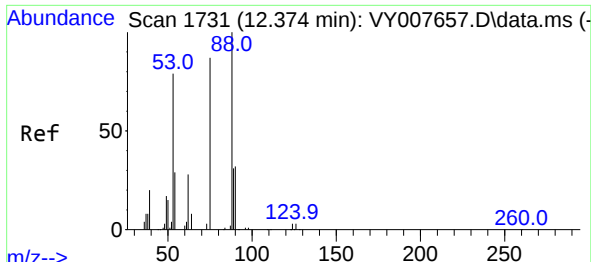
Tgt Ion:152 Resp: 8843
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 147.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.126 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007791.D
 Acq: 08 Mar 2022 19:35

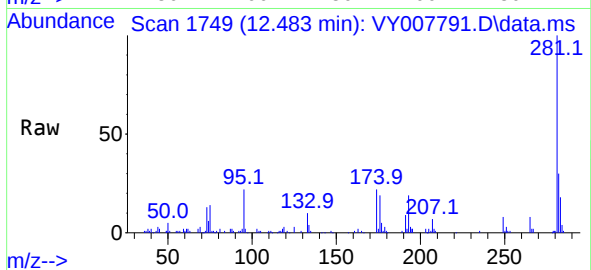
Tgt Ion: 75 Resp: 5444
 Ion Ratio Lower Upper
 75 100
 77 2.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.698 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007791.D
 Acq: 08 Mar 2022 19:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 5444

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	2.8	37.0	55.4#

