

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007801.D
 Acq On : 09 Mar 2022 13:45
 Operator : SY/MD
 Sample : VY0309SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:03:16 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)

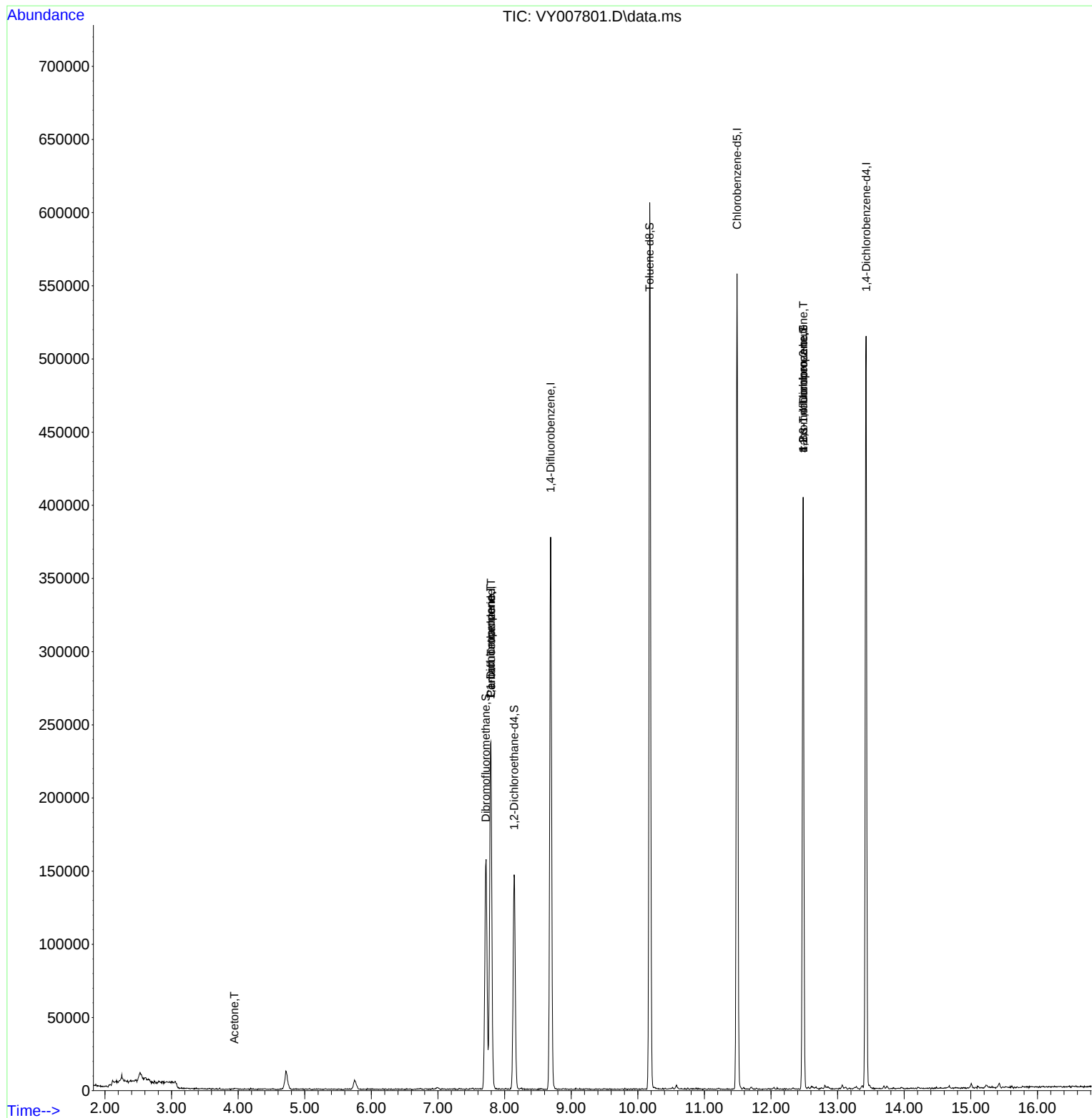
Internal Standards						
1) Pentafluorobenzene	7.795	168	184632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110487	57.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.320%
35) Dibromofluoromethane	7.716	113	107999	53.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.179	98	389966	52.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.483	95	111023	46.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.119	85	49	Below Cal	#	43
3) Chloromethane	2.113	50	1502	Below Cal	#	67
13) Acrolein	3.759	56	26	Below Cal	#	14
16) Acetone	3.942	43	625	1.589	ug/l #	80
18) Methyl Acetate	4.472	43	82	Below Cal	#	56
31) Cyclohexane	7.789	56	4689	Below Cal	#	26
36) 1,1-Dichloropropene	7.789	75	14968	4.742	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18136	5.386	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	63741	45.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63741	93.521	ug/l #	7

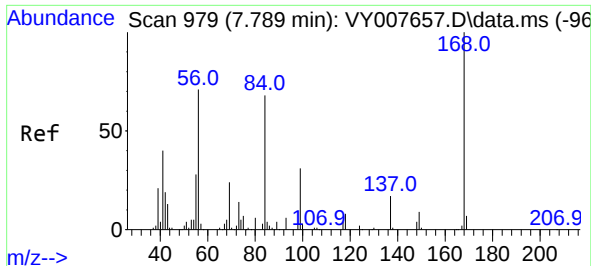
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 10 01:03:16 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

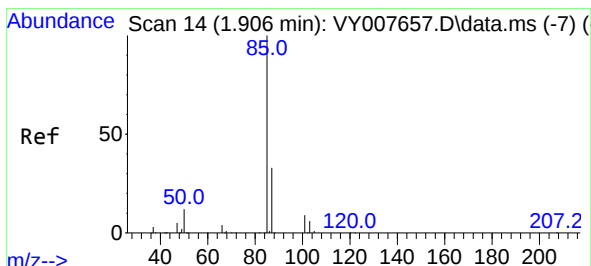
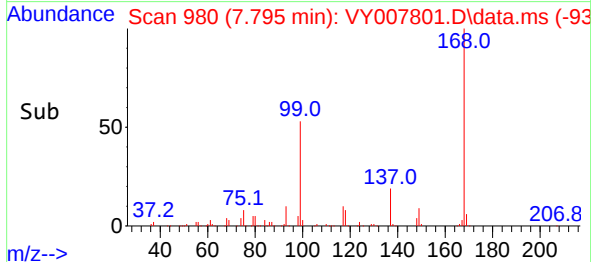
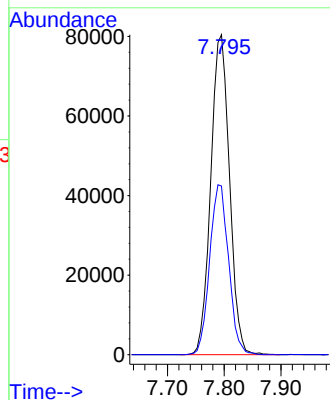
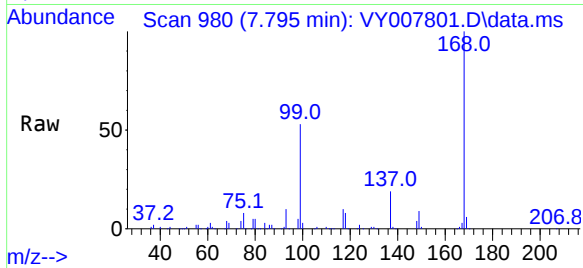




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

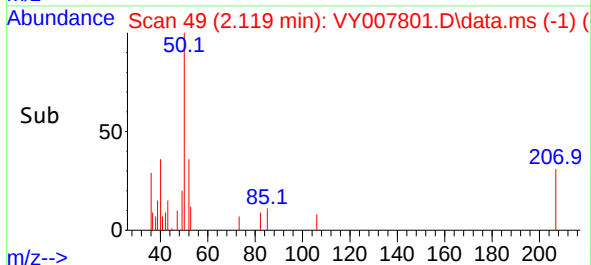
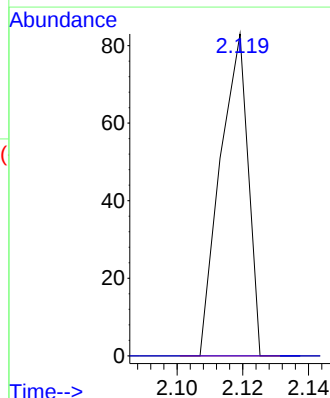
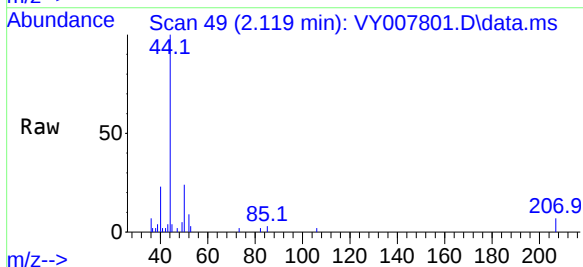
Instrument :
MSVOA_Y
ClientSampleId :

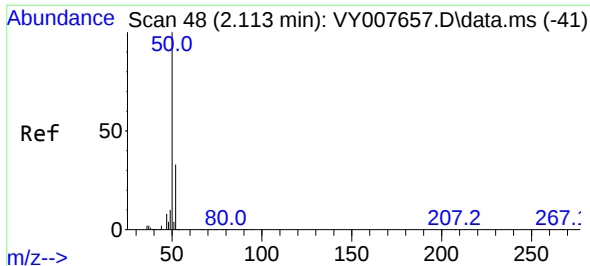
Tgt Ion:168 Resp: 184632
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.213 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 85 Resp: 49
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

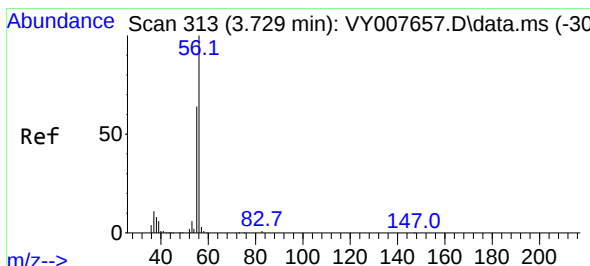
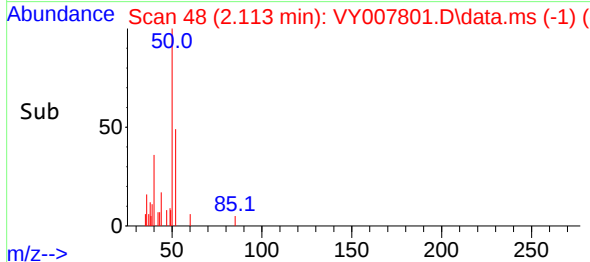
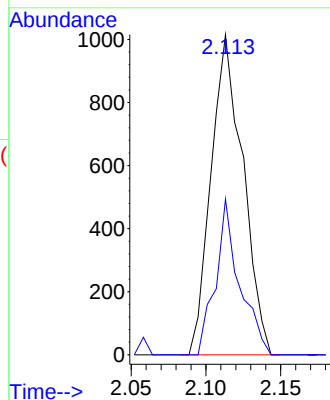
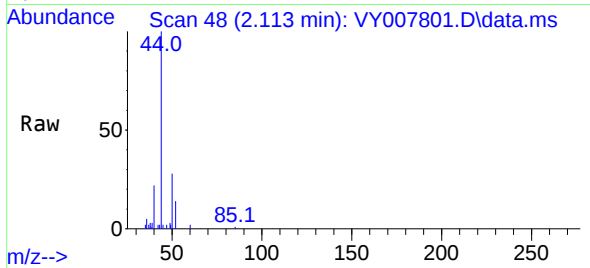




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

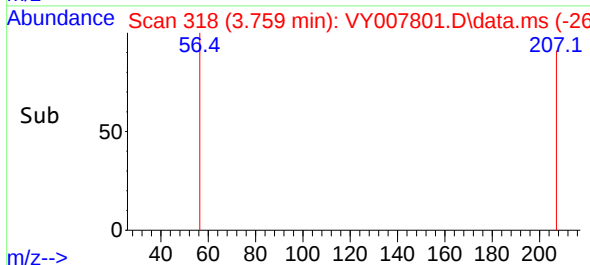
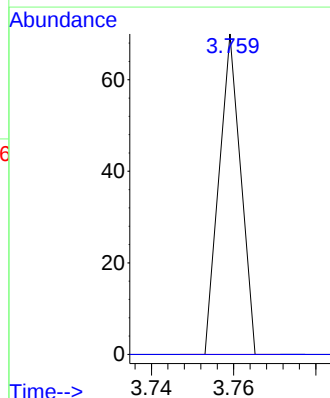
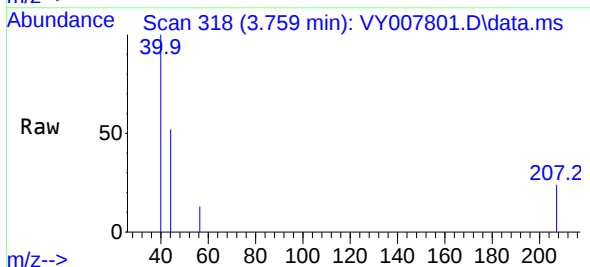
Instrument :
MSVOA_Y
ClientSampleId :

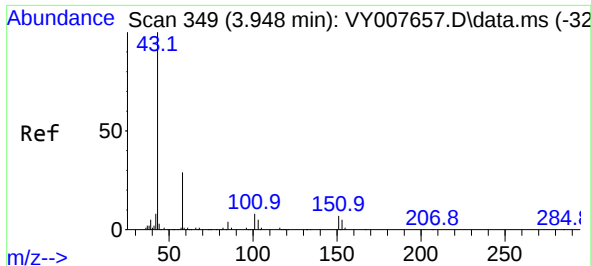
Tgt Ion: 50 Resp: 1502
Ion Ratio Lower Upper
50 100
52 48.7 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.030 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

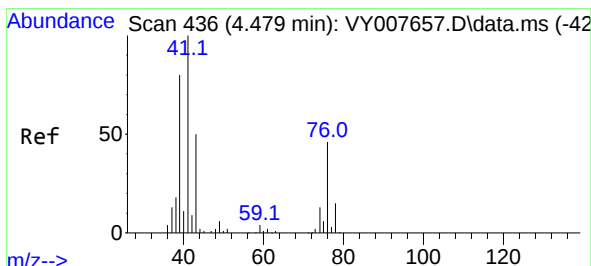
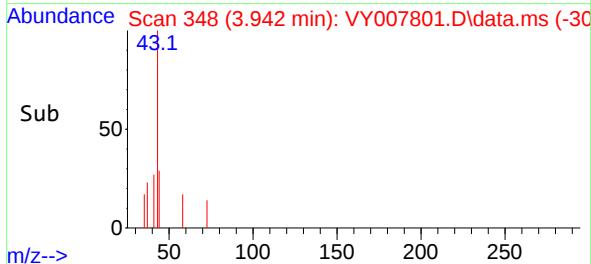
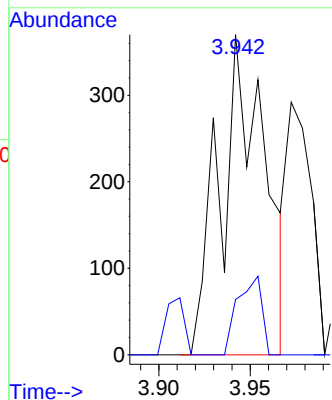
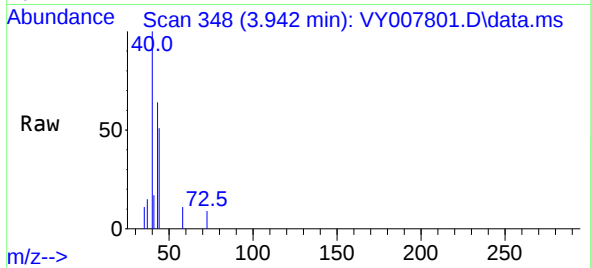




#16
Acetone
Concen: 1.589 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

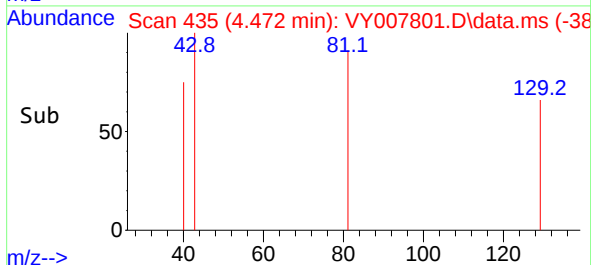
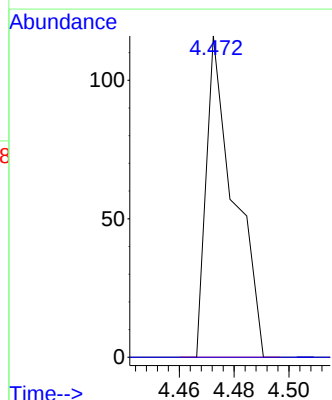
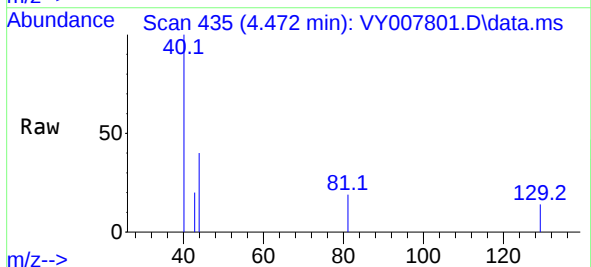
Instrument :
MSVOA_Y
ClientSampleId :

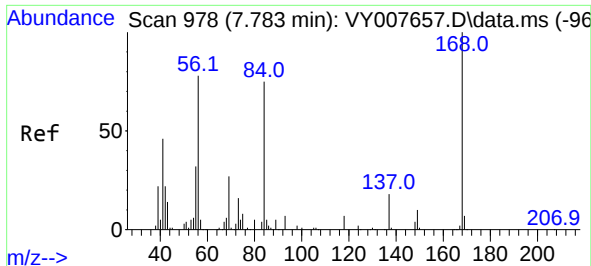
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
58 17.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

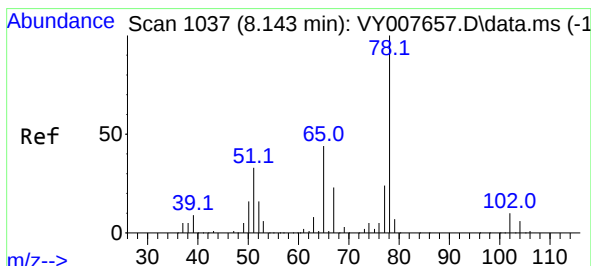
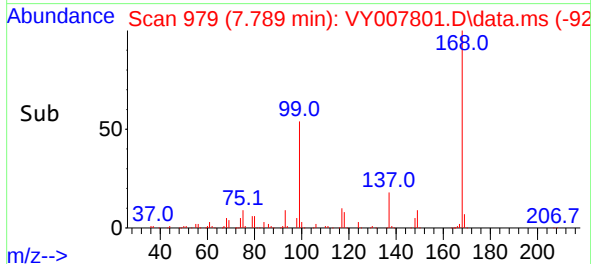
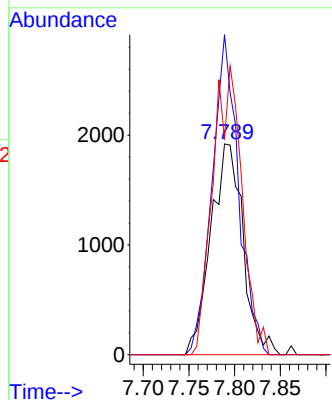
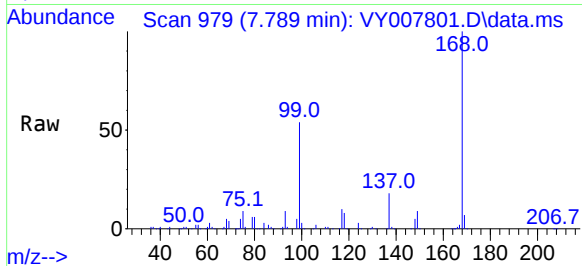




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

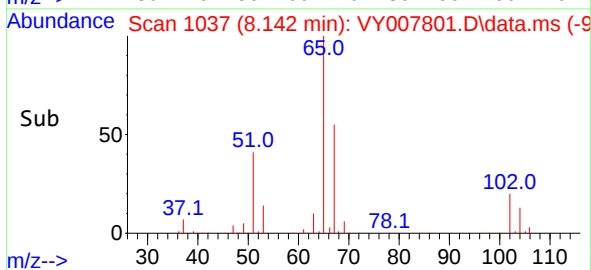
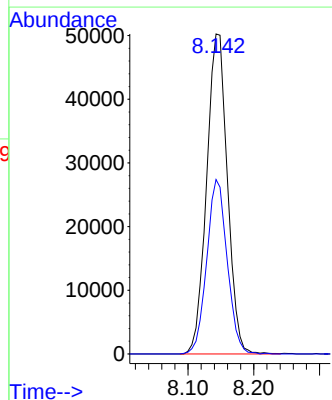
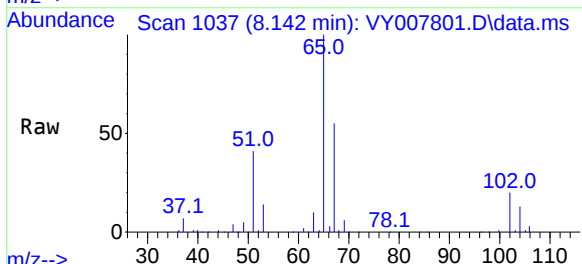
Instrument :
MSVOA_Y
ClientSampleId :

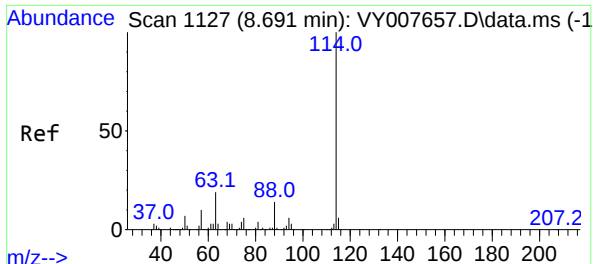
Tgt Ion: 56 Resp: 4689
Ion Ratio Lower Upper
56 100
69 151.8 26.7 40.1#
84 102.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.160 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 65 Resp: 110487
Ion Ratio Lower Upper
65 100
67 53.7 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: VY007801.D

Acq: 09 Mar 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

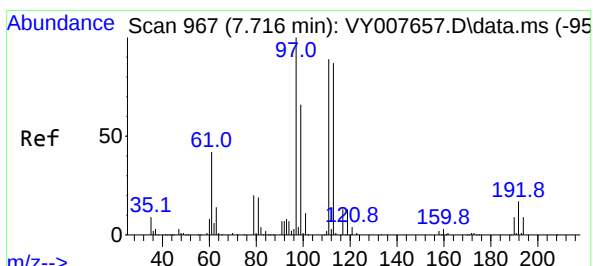
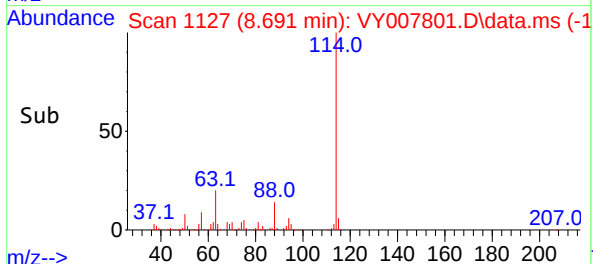
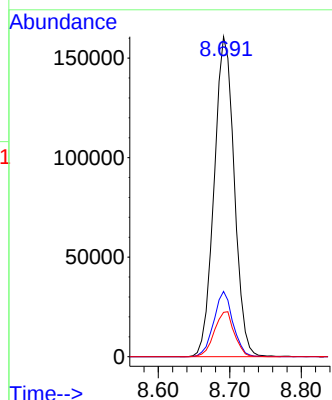
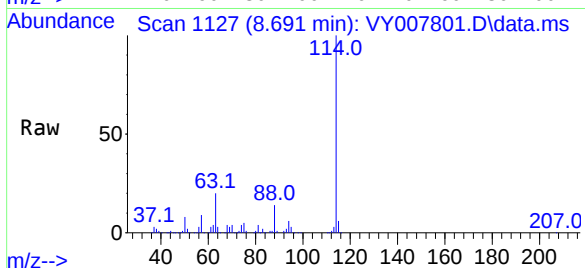
Tgt Ion:114 Resp: 313854

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.823 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007801.D

Acq: 09 Mar 2022 13:45

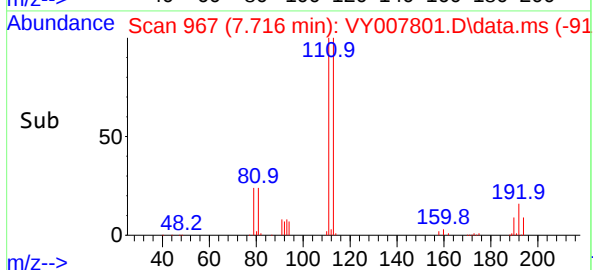
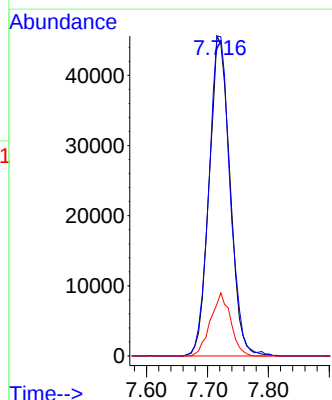
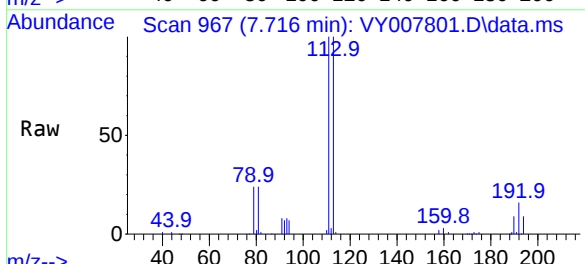
Tgt Ion:113 Resp: 107999

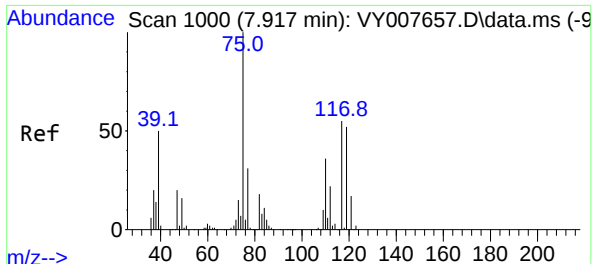
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.742 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007801.D

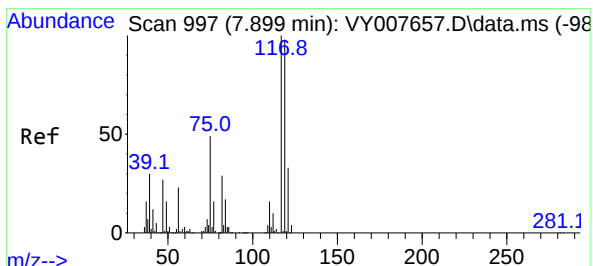
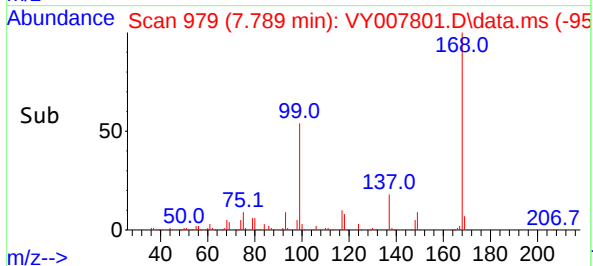
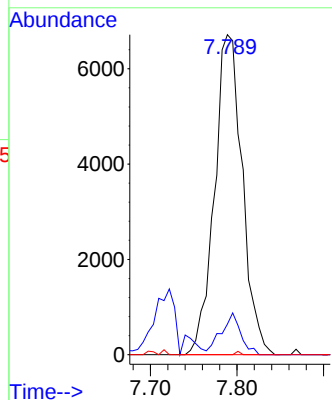
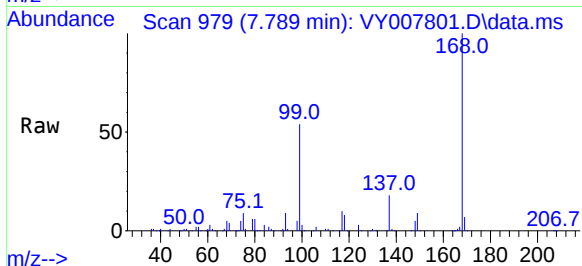
Acq: 09 Mar 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	14968
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.2	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.386 ug/l

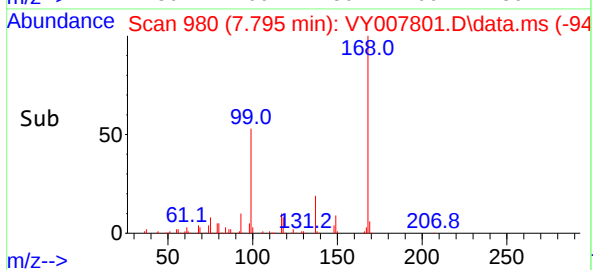
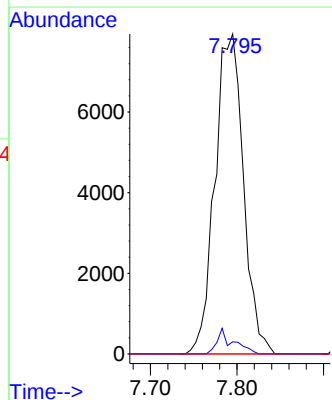
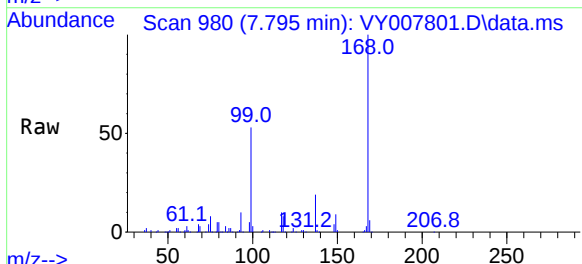
RT: 7.795 min Scan# 980

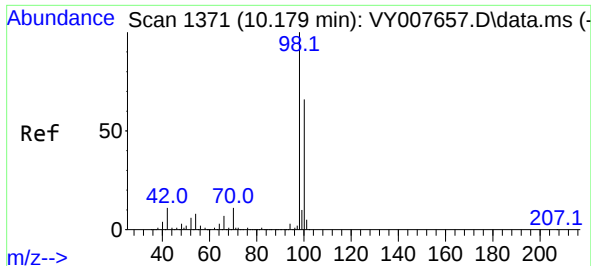
Delta R.T. -0.104 min

Lab File: VY007801.D

Acq: 09 Mar 2022 13:45

Tgt Ion:	117	Resp:	18136
Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.9	116.9#
121	0.0	24.8	37.2#

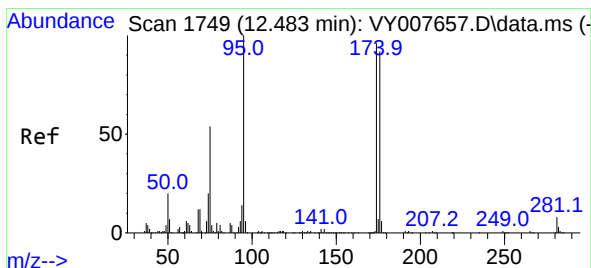
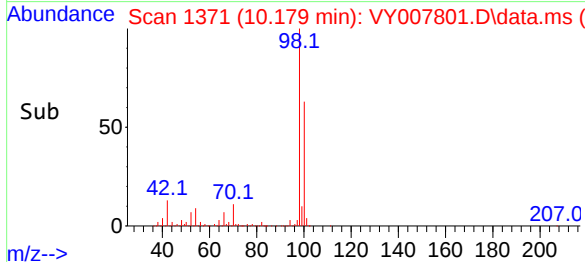
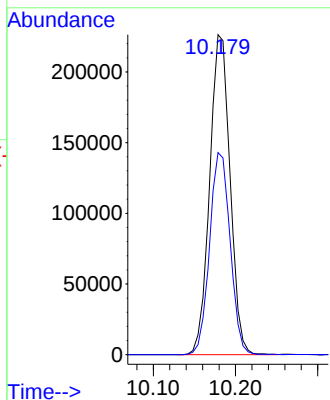
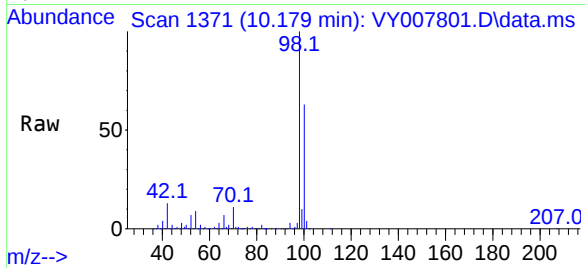




#50
Toluene-d8
Concen: 52.796 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

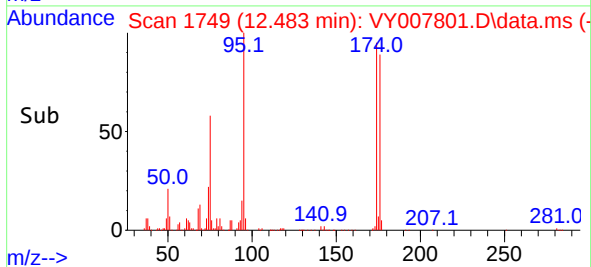
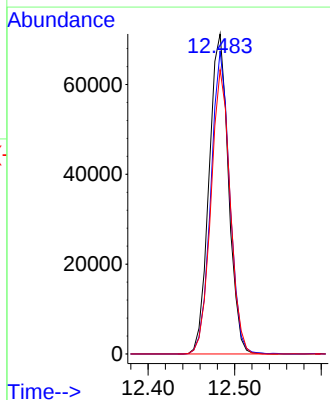
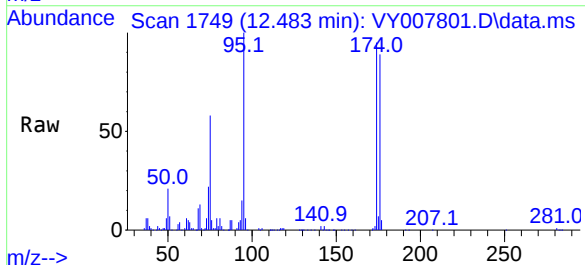
Instrument :
MSVOA_Y
ClientSampleId :

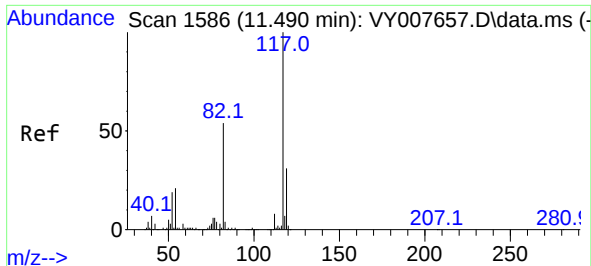
Tgt Ion: 98 Resp: 389966
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 95 Resp: 111023
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 87.7 0.0 175.8

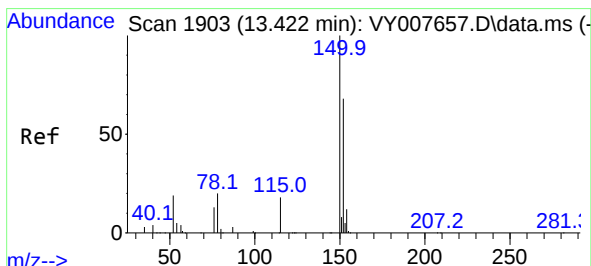
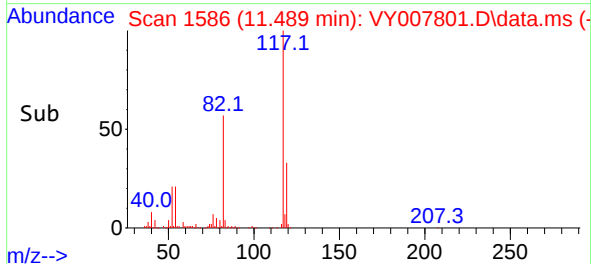
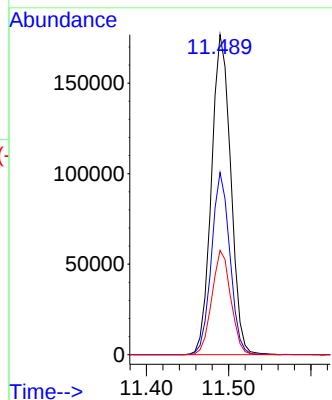
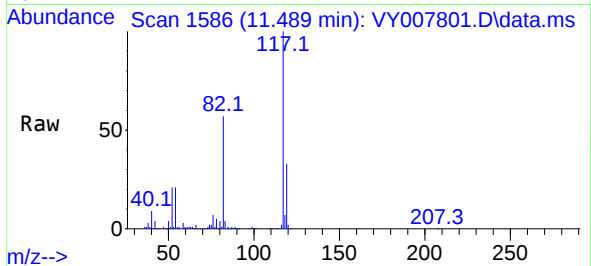




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

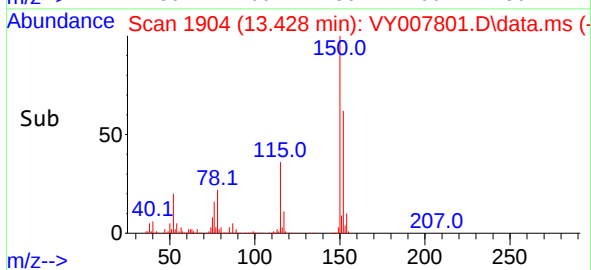
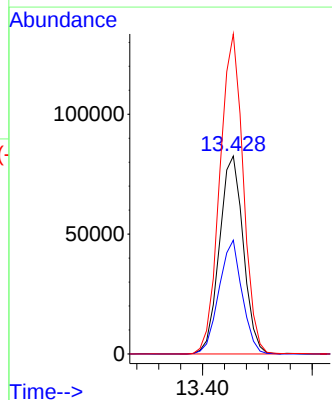
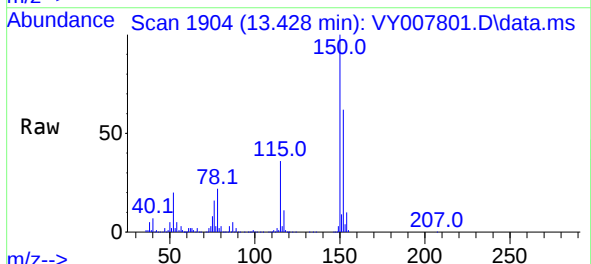
Instrument :
MSVOA_Y
ClientSampleId :

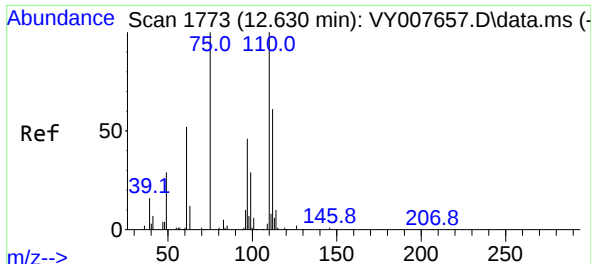
Tgt Ion:117 Resp: 288591
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion:152 Resp: 124769
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.8 0.0 347.6

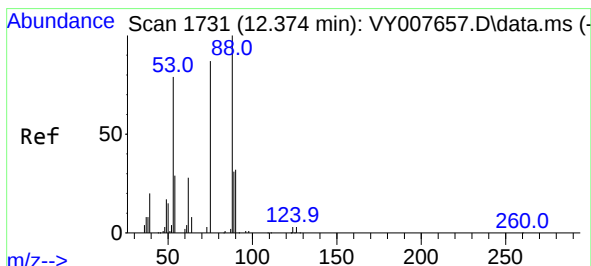
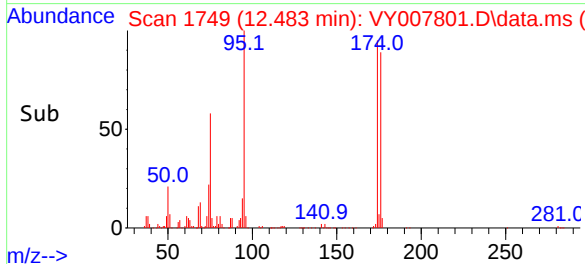
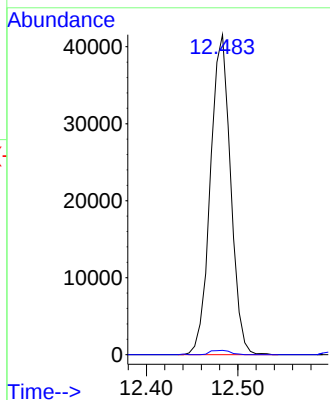
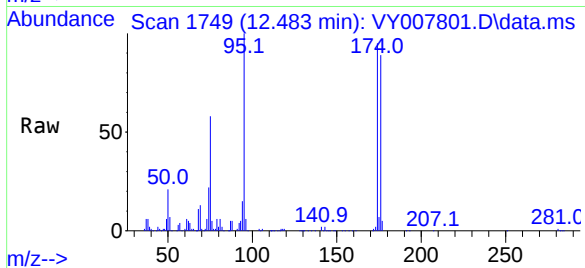




#76
1,2,3-Trichloropropane
Concen: 45.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63741
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007801.D
Acq: 09 Mar 2022 13:45

Tgt Ion: 75 Resp: 63741
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

