

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019857.D
 Acq On : 10 Oct 2024 16:27
 Operator : SY/MD
 Sample : P4364-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

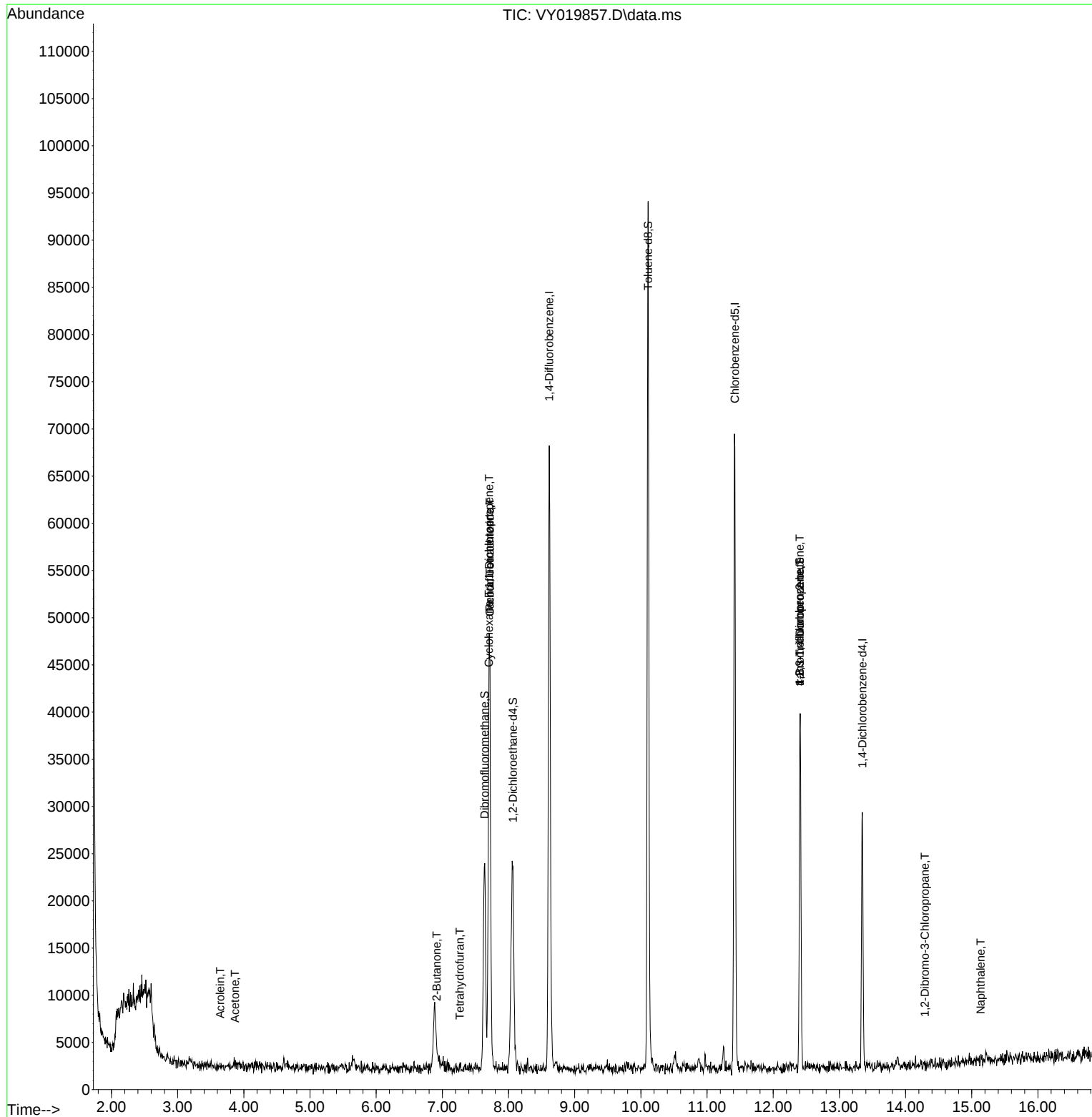
Internal Standards						
1) Pentafluorobenzene	7.713	168	32329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	54632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	34741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	14196	35.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.320%		
35) Dibromofluoromethane	7.640	113	16104	44.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.340%		
50) Toluene-d8	10.109	98	57507	43.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.400%		
62) 4-Bromofluorobenzene	12.402	95	11148	23.175	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	46.340%		
Target Compounds						
11) Tert butyl alcohol	4.860	59	109	Below Cal	#	74
13) Acrolein	3.641	56	61	2.085	ug/l	89
16) Acetone	3.866	43	640	6.176	ug/l #	45
25) 2-Butanone	6.915	43	258	1.860	ug/l #	51
29) Tetrahydrofuran	7.262	42	95	1.200	ug/l #	53
31) Cyclohexane	7.701	56	1298	1.952	ug/l #	71
36) 1,1-Dichloropropene	7.707	75	3890	7.490	ug/l #	46
38) Carbon Tetrachloride	7.719	117	3670	6.591	ug/l #	12
76) 1,2,3-Trichloropropane	12.402	75	6730	105.213	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	6730	225.733	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.291	75	27	1.843	ug/l #	5
95) Naphthalene	15.133	128	249	1.210	ug/l #	69

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

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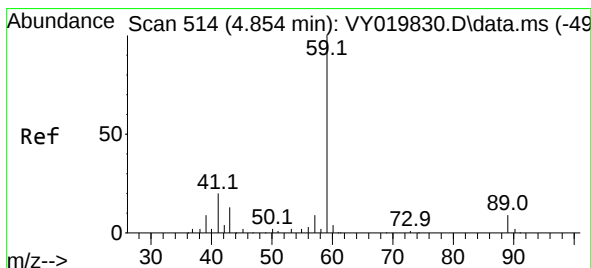
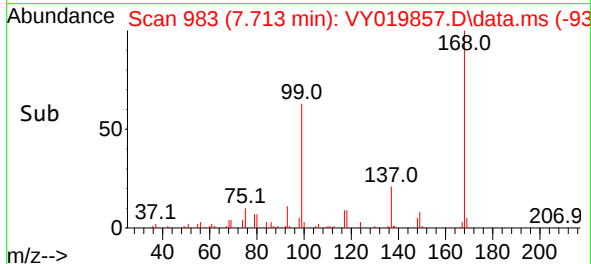
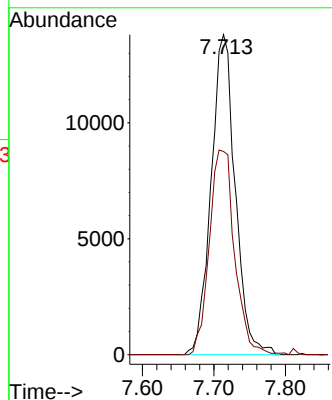
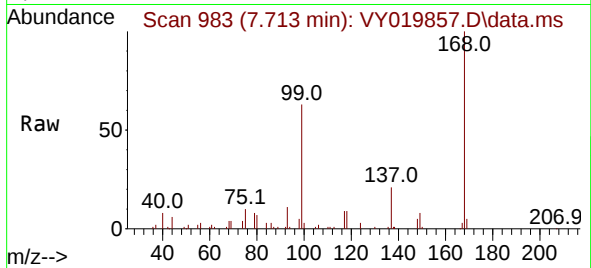




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

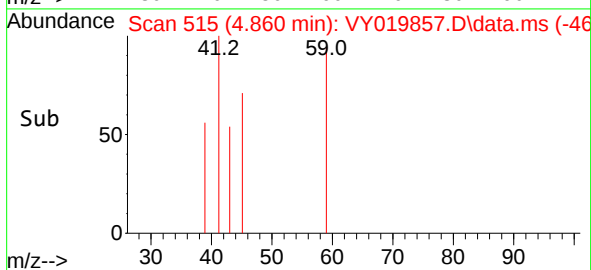
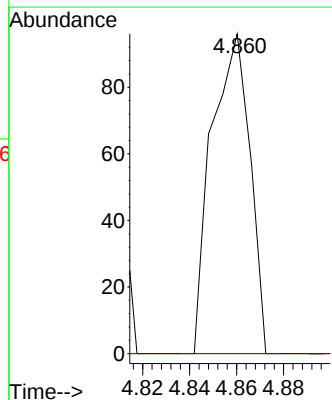
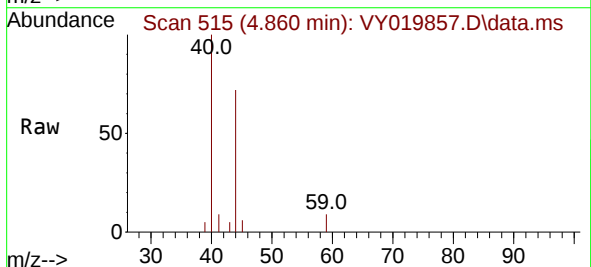
Instrument :
MSVOA_Y
ClientSampleId :

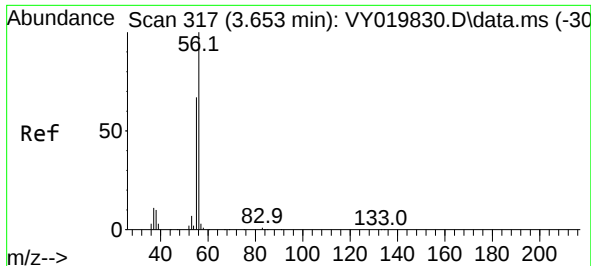
Tgt Ion:168 Resp: 32329
Ion Ratio Lower Upper
168 100
99 63.5 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

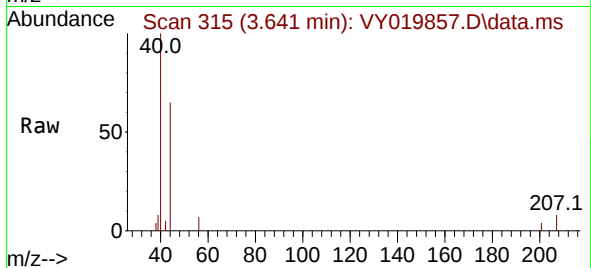
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



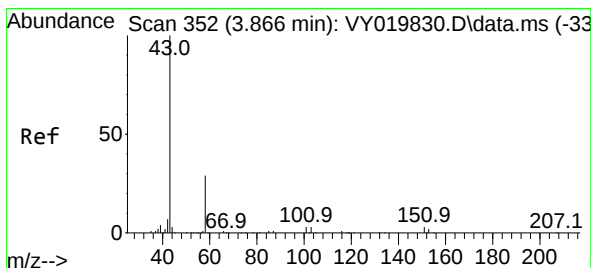
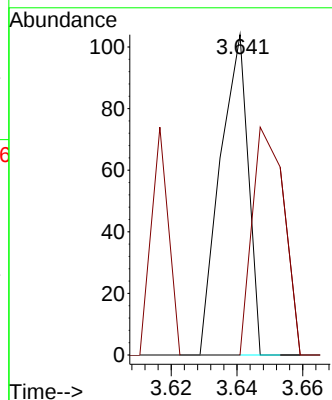
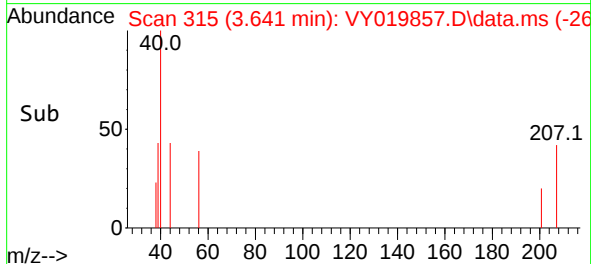


#13
Acrolein
Concen: 2.085 ug/l
RT: 3.641 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

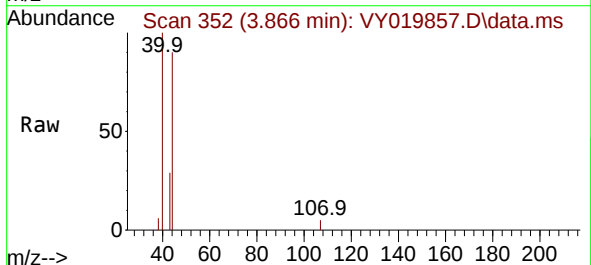
Instrument :
MSVOA_Y
ClientSampleId :



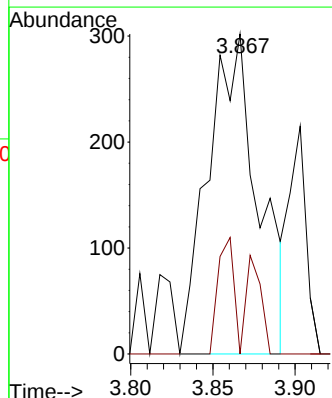
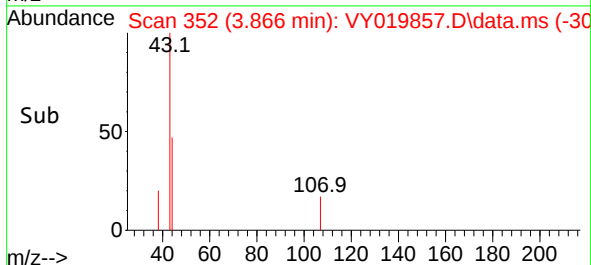
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 80.3 56.9 85.3

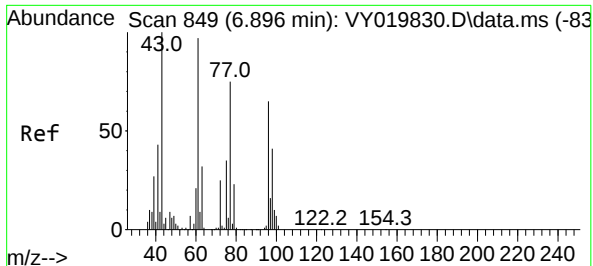


#16
Acetone
Concen: 6.176 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27



Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

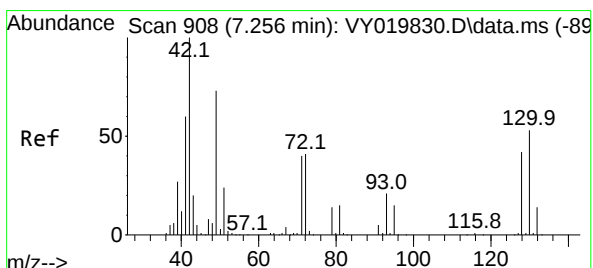
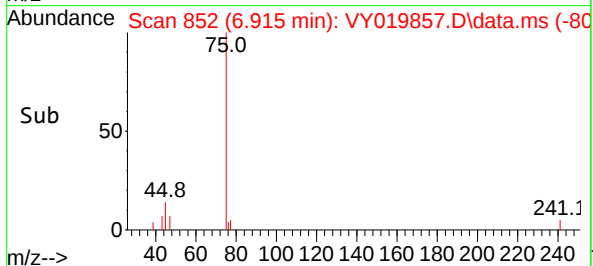
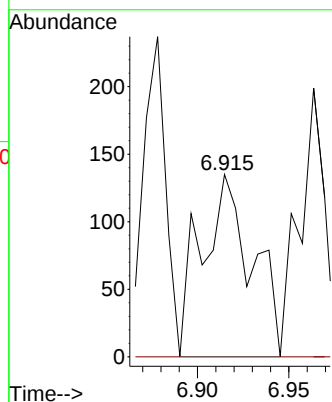
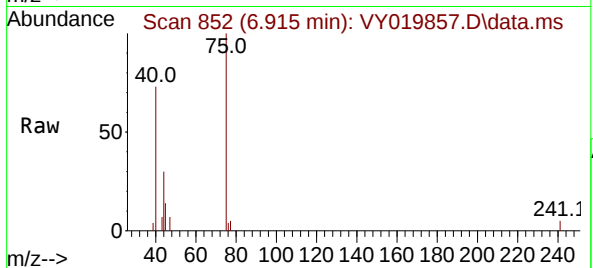




#25
2-Butanone
Concen: 1.860 ug/l
RT: 6.915 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

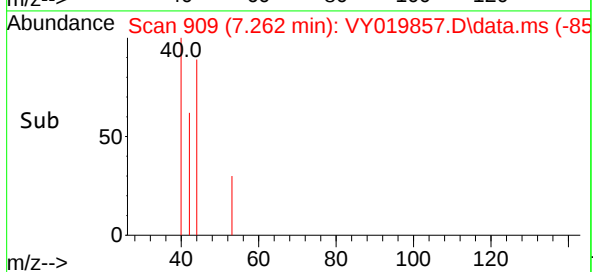
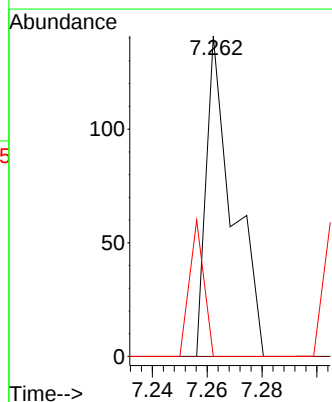
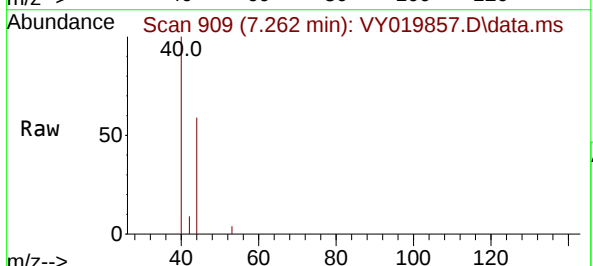
Instrument :
MSVOA_Y
ClientSampleId :

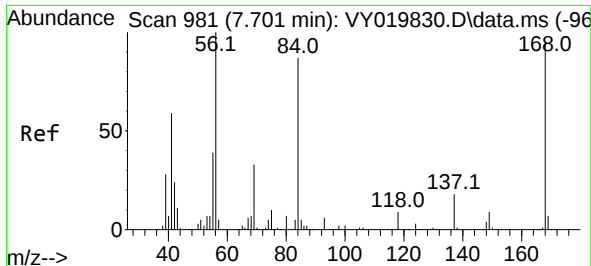
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#29
Tetrahydrofuran
Concen: 1.200 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

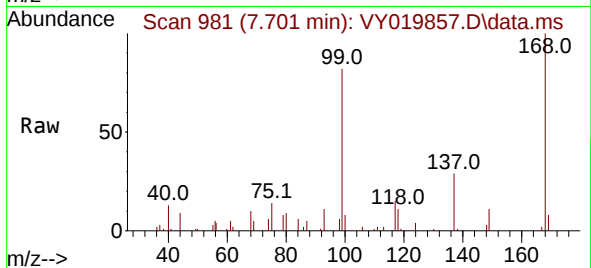
Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 23.2 31.6 47.4#



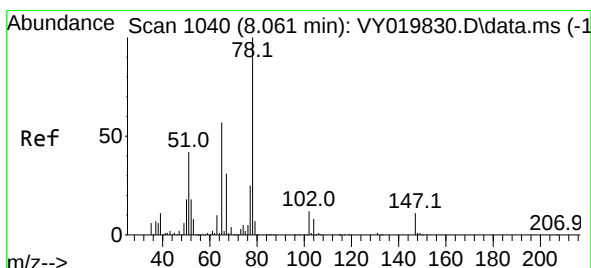
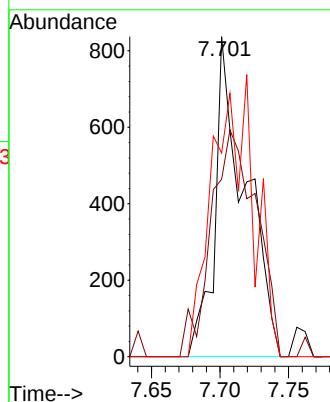
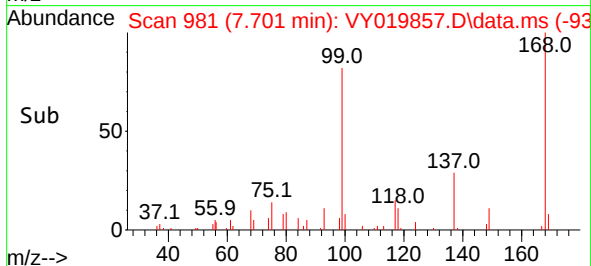


#31
Cyclohexane
Concen: 1.952 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

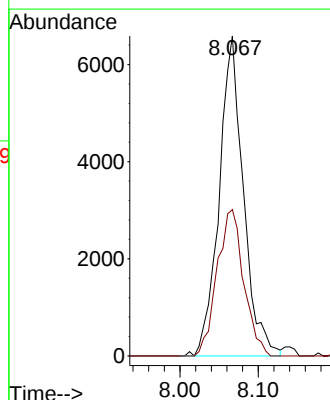
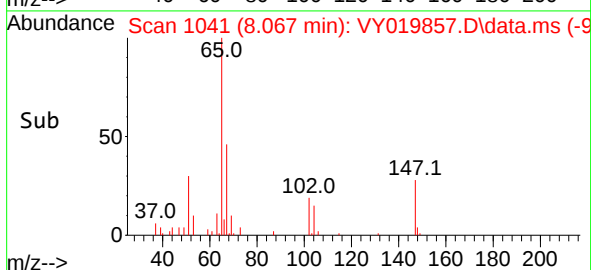
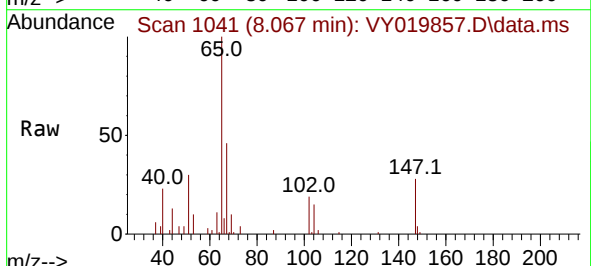


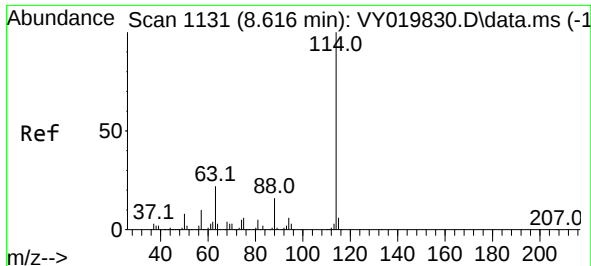
Tgt Ion: 56 Resp: 1298
Ion Ratio Lower Upper
56 100
69 55.4 26.6 39.8#
84 63.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 35.662 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Tgt Ion: 65 Resp: 14196
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

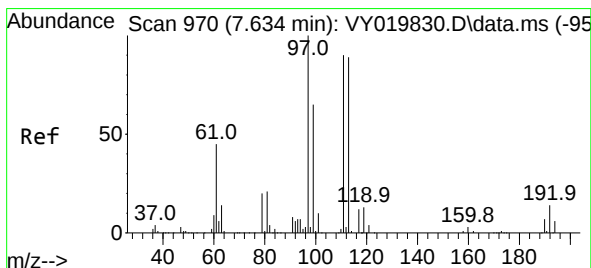
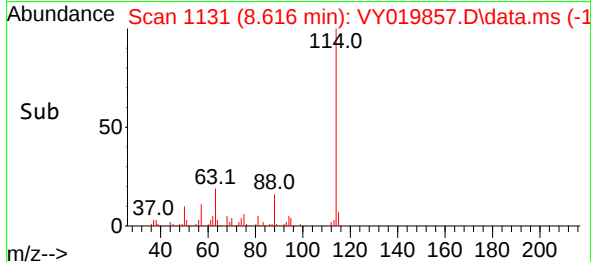
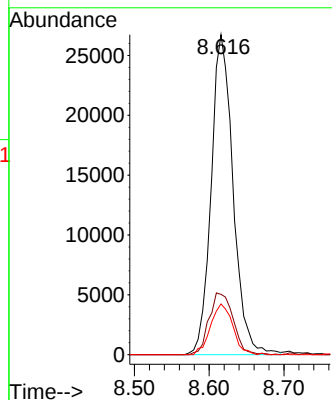
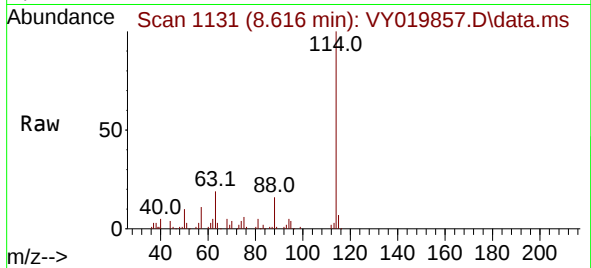




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

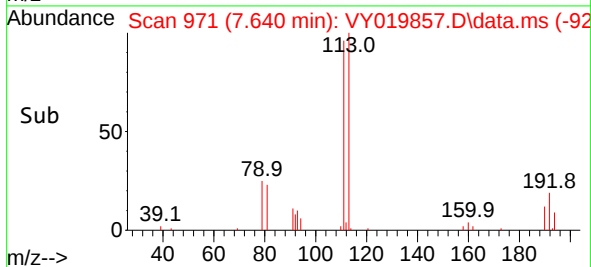
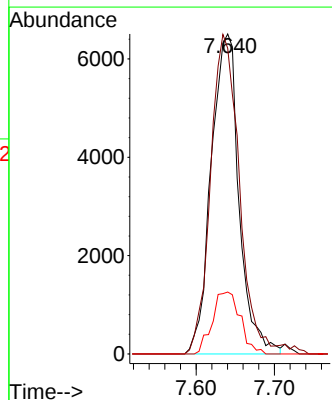
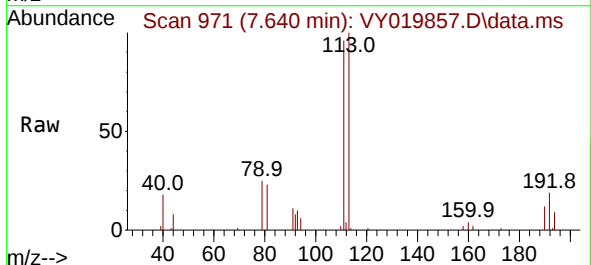
Instrument :
MSVOA_Y
ClientSampleId :

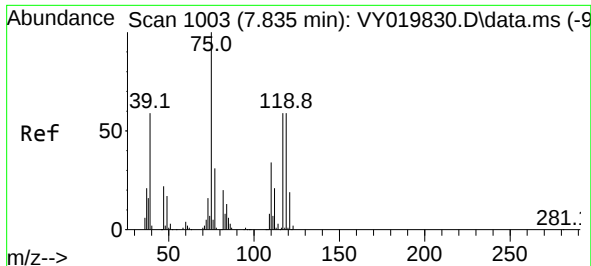
Tgt Ion:114	Resp:	54632
Ion	Ratio	Lower Upper
114	100	
63	18.9	0.0 43.8
88	15.9	0.0 32.0



#35
Dibromofluoromethane
Concen: 44.670 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Tgt Ion:113	Resp:	16104
Ion	Ratio	Lower Upper
113	100	
111	102.5	82.9 124.3
192	19.4	13.6 20.4





#36

1,1-Dichloropropene

Concen: 7.490 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

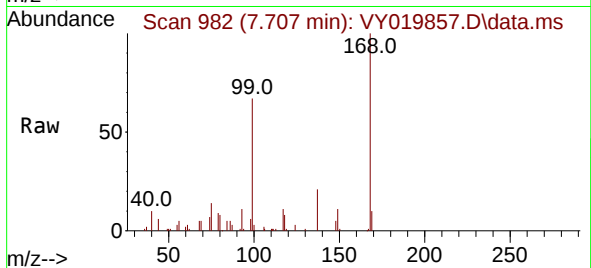
Lab File: VY019857.D

Acq: 10 Oct 2024 16:27

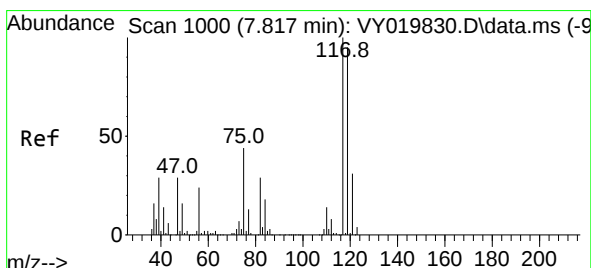
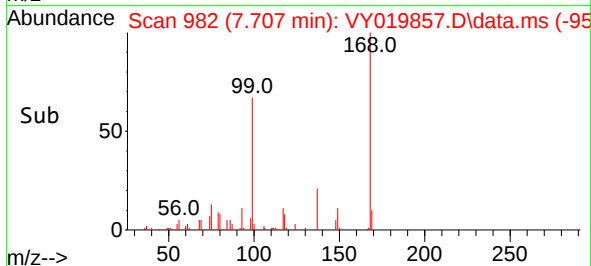
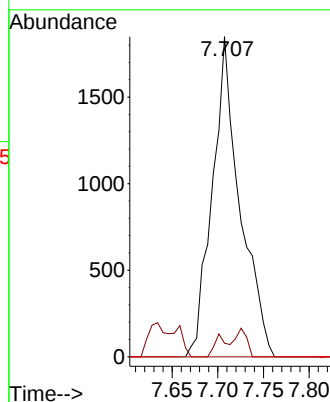
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 3890
Ion Ratio	Lower Upper
75 100	
110 3.2	16.6 49.8#
77 0.0	24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.591 ug/l

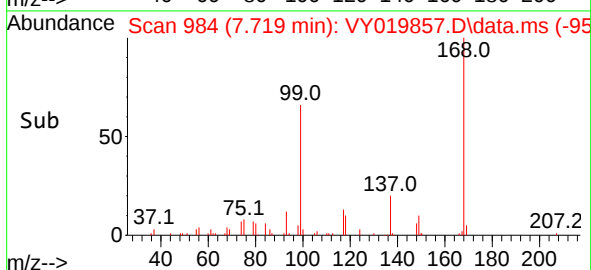
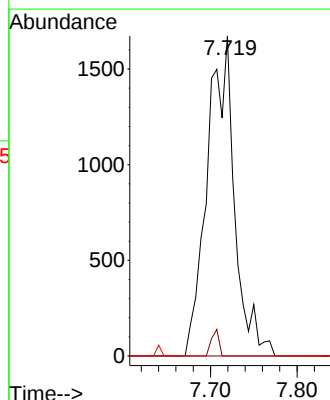
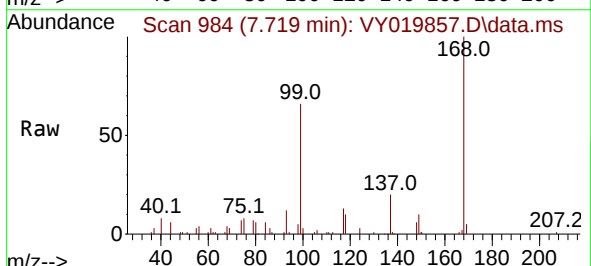
RT: 7.719 min Scan# 984

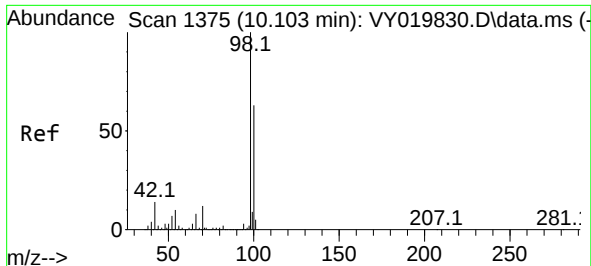
Delta R.T. -0.097 min

Lab File: VY019857.D

Acq: 10 Oct 2024 16:27

Tgt Ion: 117	Resp: 3670
Ion Ratio	Lower Upper
117 100	
119 0.0	76.2 114.4#
121 0.0	25.0 37.4#

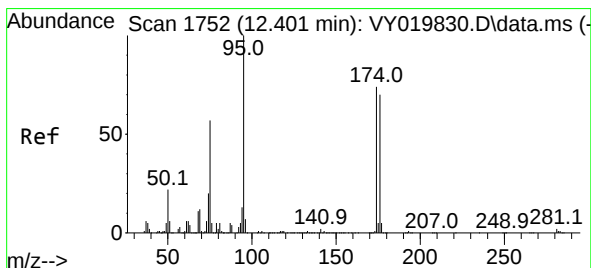
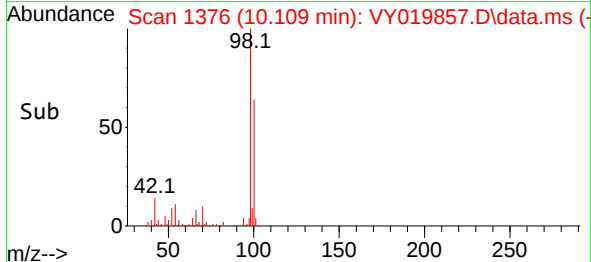
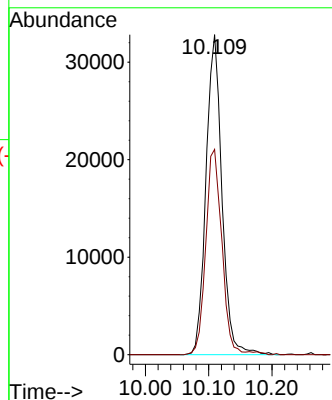
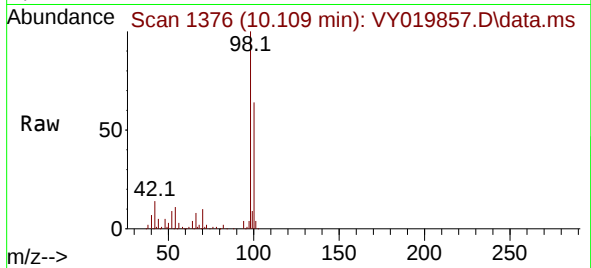




#50
Toluene-d8
Concen: 43.196 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

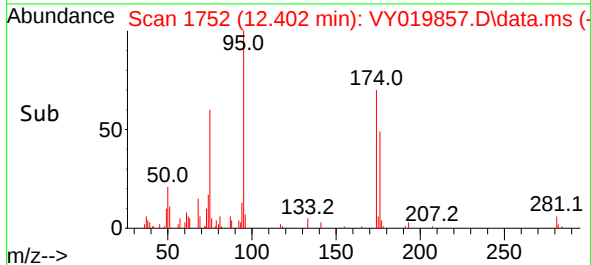
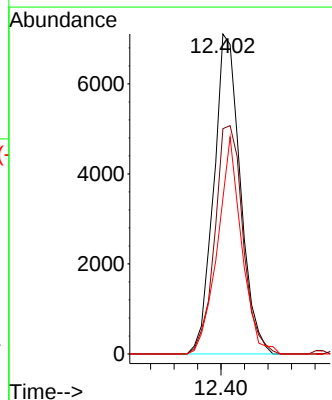
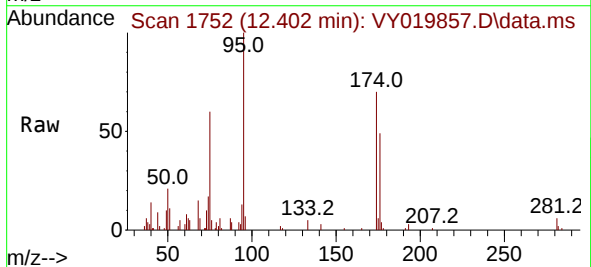
Instrument :
MSVOA_Y
ClientSampleId :

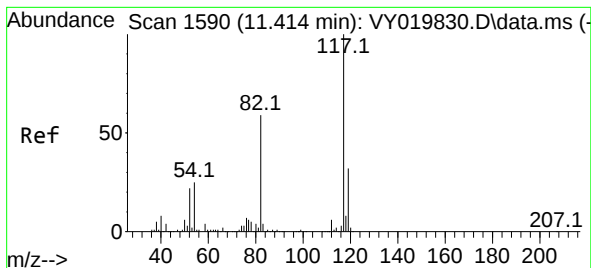
Tgt Ion: 98 Resp: 57507
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 23.175 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Tgt Ion: 95 Resp: 11148
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.0
176 61.7 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

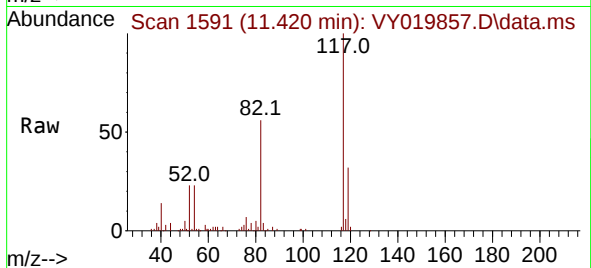
Lab File: VY019857.D

Acq: 10 Oct 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :



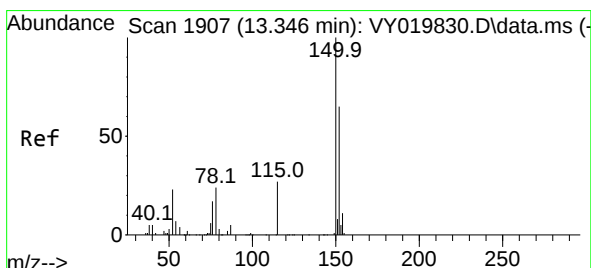
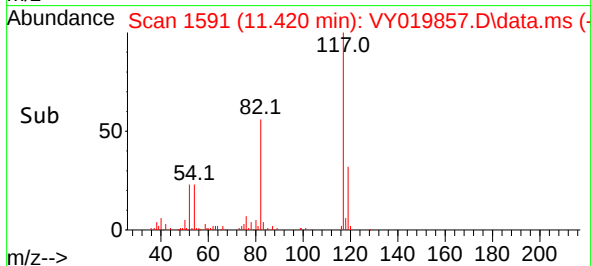
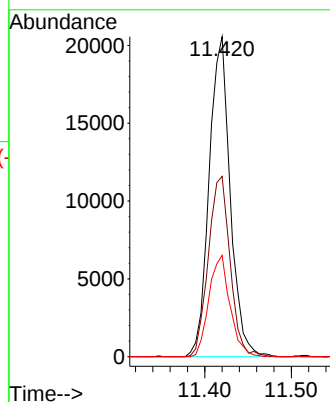
Tgt Ion:117 Resp: 34741

Ion Ratio Lower Upper

117 100

82 56.4 46.9 70.3

119 31.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019857.D

Acq: 10 Oct 2024 16:27

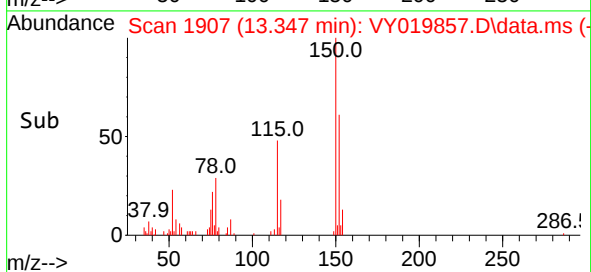
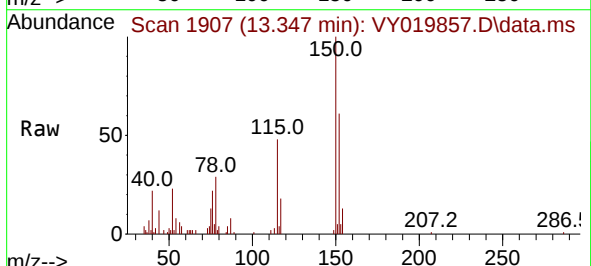
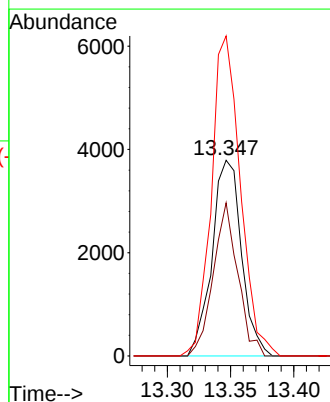
Tgt Ion:152 Resp: 6143

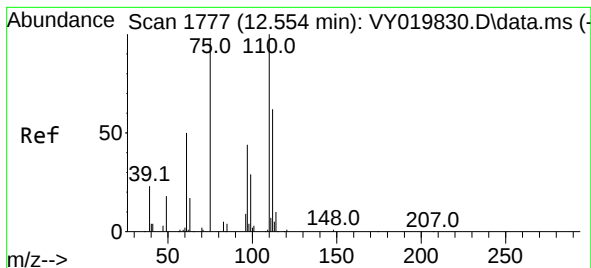
Ion Ratio Lower Upper

152 100

115 65.4 30.8 92.3

150 160.8 0.0 352.8

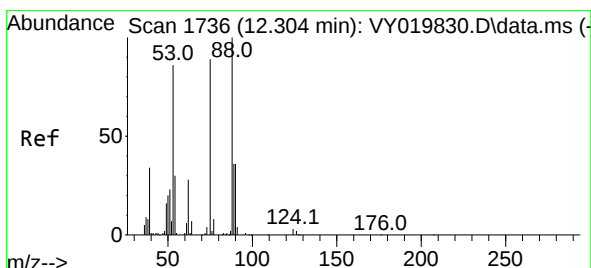
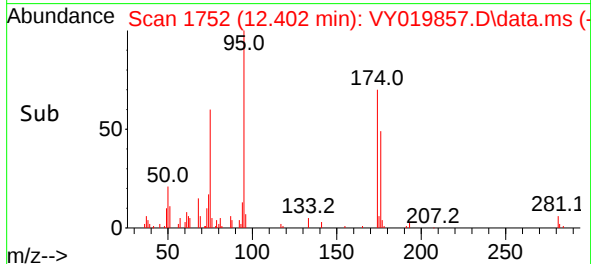
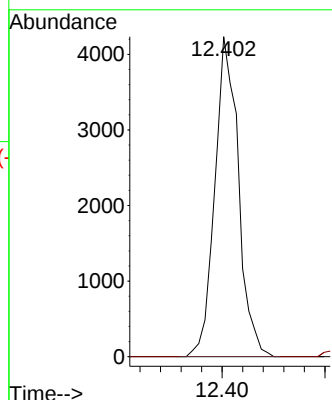
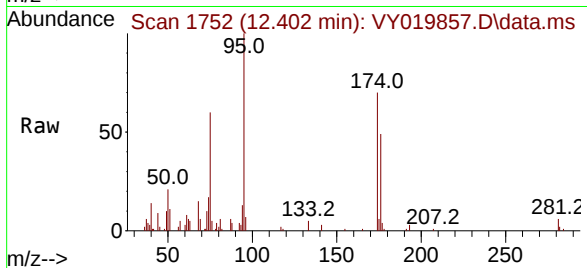




#76
1,2,3-Trichloropropane
Concen: 105.213 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

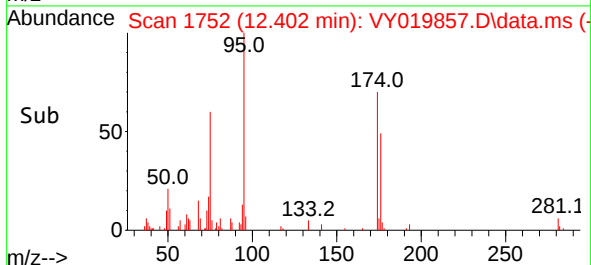
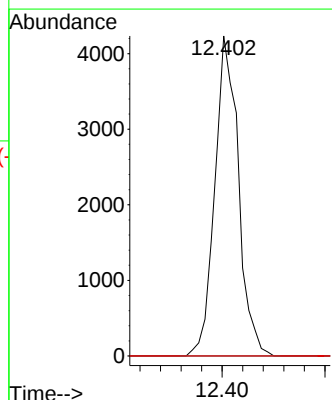
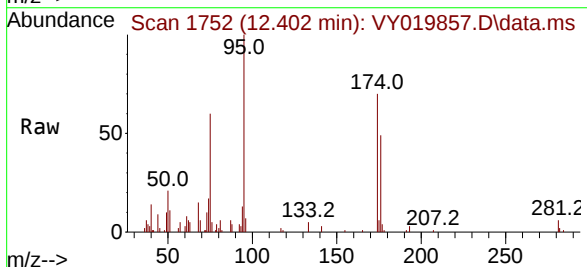
Instrument :
MSVOA_Y
ClientSampleId :

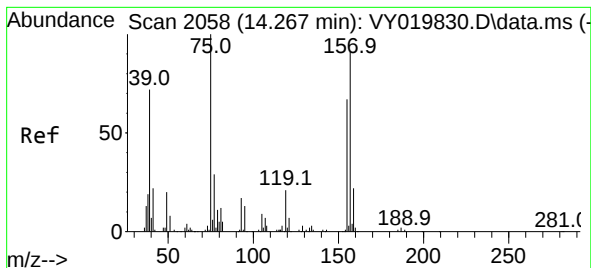
Tgt Ion: 75 Resp: 6730
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 225.733 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Tgt Ion: 75 Resp: 6730
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.0 35.4 53.2#

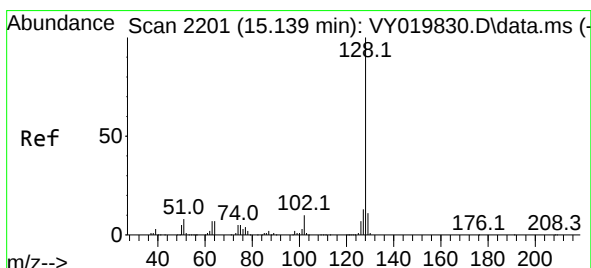
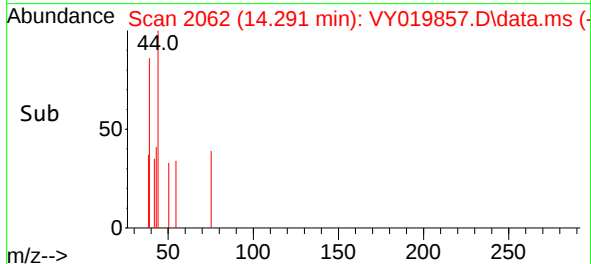
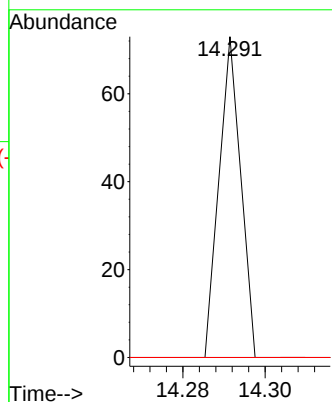
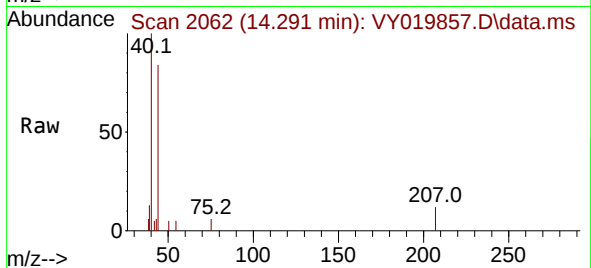




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.843 ug/l
RT: 14.291 min Scan# 2058
Delta R.T. 0.025 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
155 0.0 38.5 115.5#
157 0.0 49.9 149.7#



#95
Naphthalene
Concen: 1.210 ug/l
RT: 15.133 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY019857.D
Acq: 10 Oct 2024 16:27

Tgt Ion: 128 Resp: 249
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

