

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019508.D
 Acq On : 11 Sep 2024 14:56
 Operator : SY/MD
 Sample : P3906-03
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

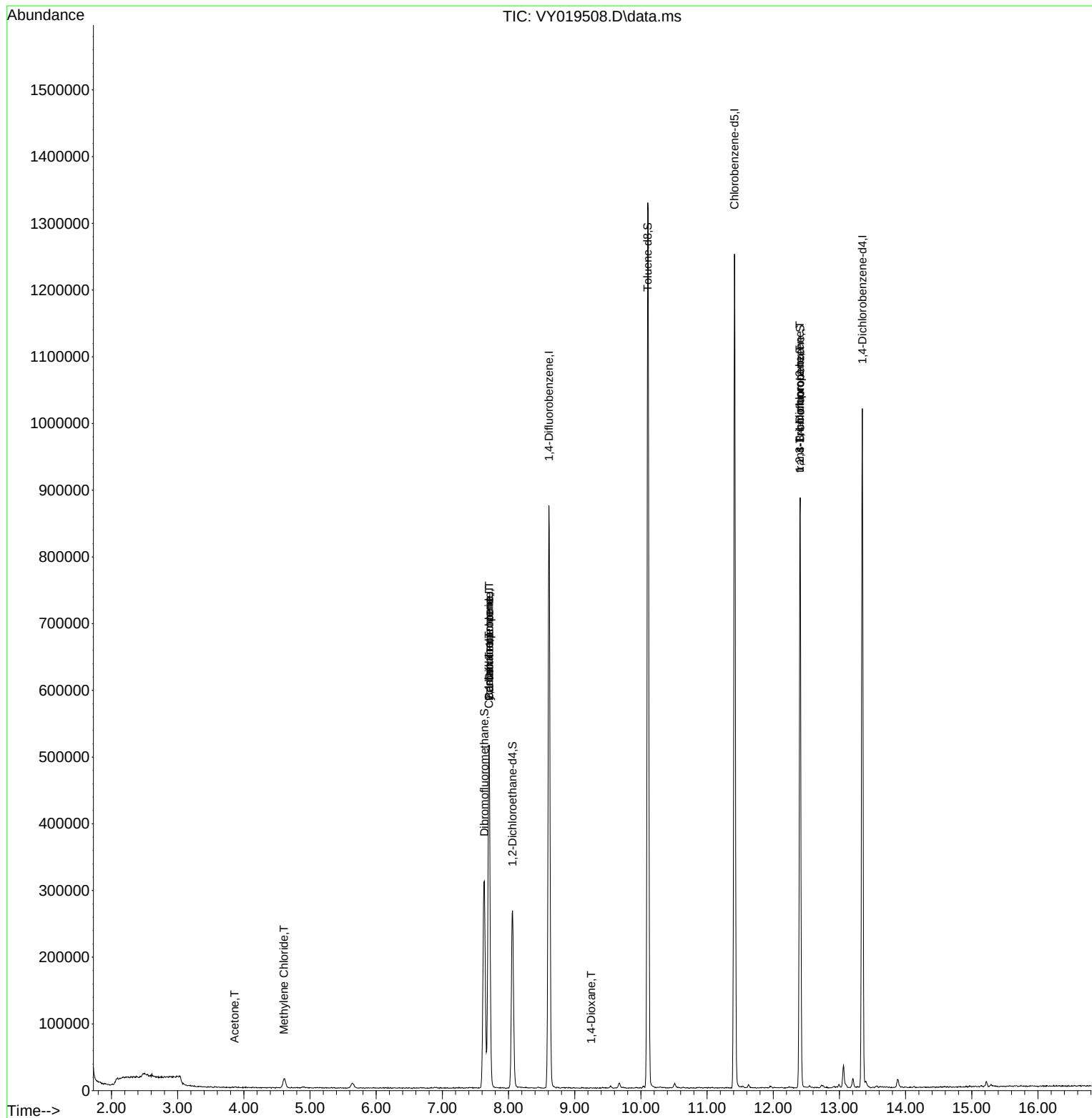
Internal Standards						
1) Pentafluorobenzene	7.707	168	374526	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	732814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	652093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	244106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	216145	62.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.660%	
35) Dibromofluoromethane	7.634	113	228164	54.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.103	98	876050	57.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.000%	
62) 4-Bromofluorobenzene	12.408	95	286092	48.415	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	253	Below Cal		92
13) Acrolein	3.647	56	406	Below Cal	#	15
16) Acetone	3.861	43	1017	1.231	ug/l #	85
20) Methylene Chloride	4.604	84	9653	2.562	ug/l #	90
31) Cyclohexane	7.701	56	9613	1.549	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	33077	5.851	ug/l #	48
38) Carbon Tetrachloride	7.707	117	41882	6.569	ug/l #	16
49) 1,4-Dioxane	9.250	88	46	1.678	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	153190	66.954	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	153190	128.533	ug/l #	16

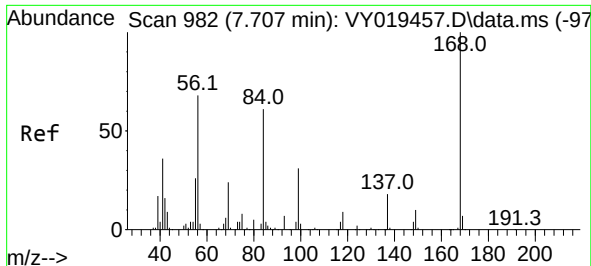
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Sep 12 01:32:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

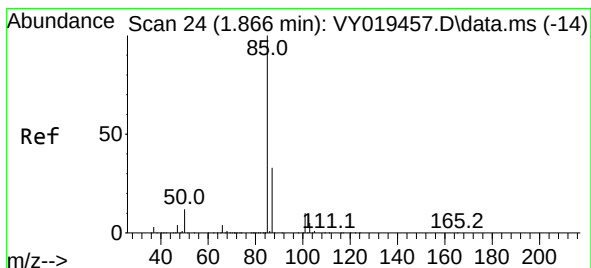
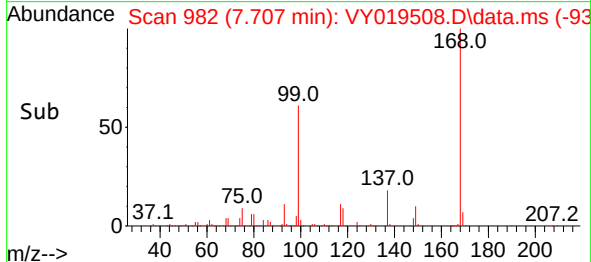
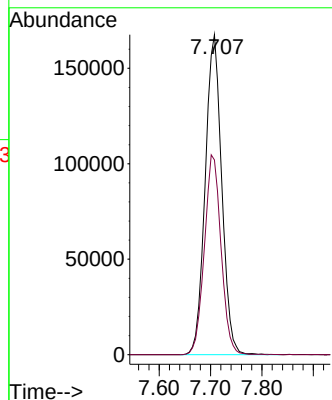
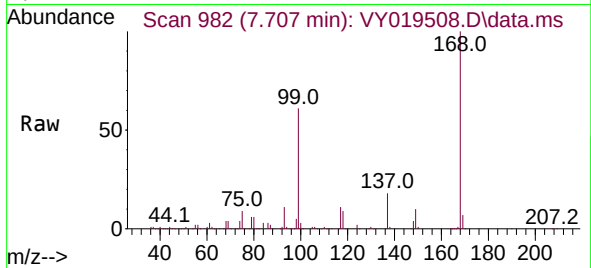




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

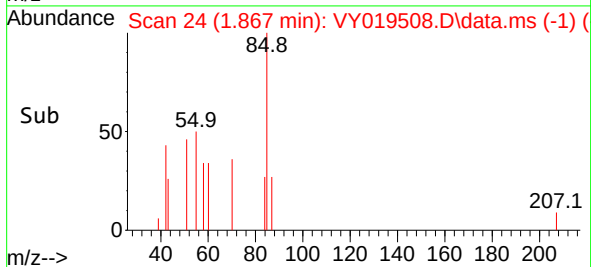
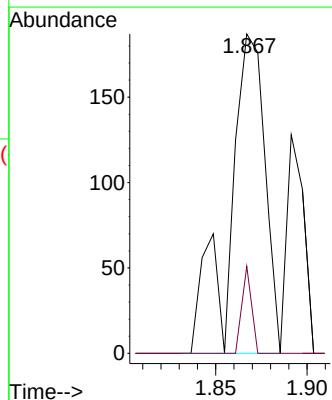
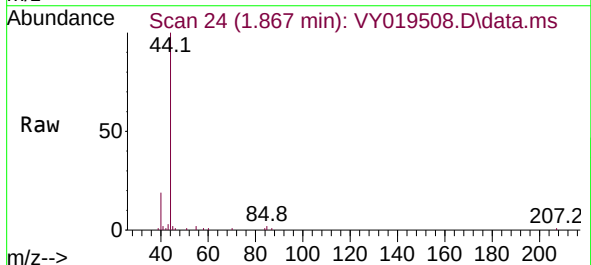
Instrument :
MSVOA_Y
ClientSampleId :

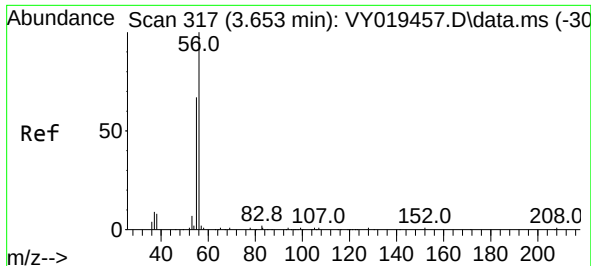
Tgt Ion:168 Resp: 374526
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 85 Resp: 253
Ion Ratio Lower Upper
85 100
87 27.3 16.0 48.0

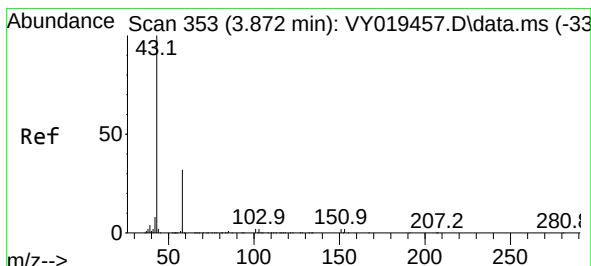
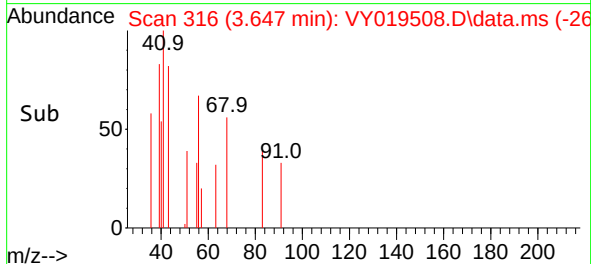
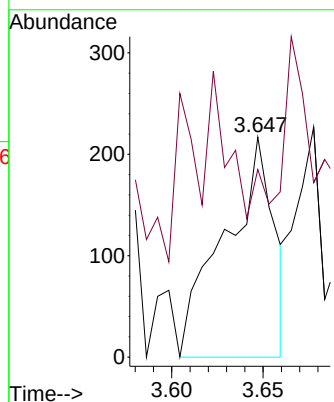
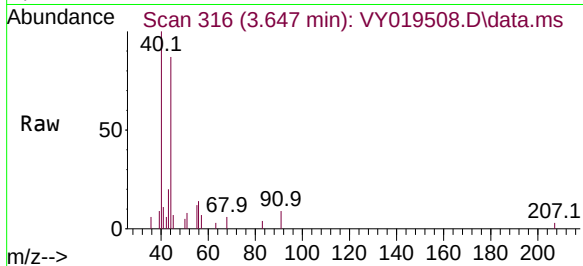




#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

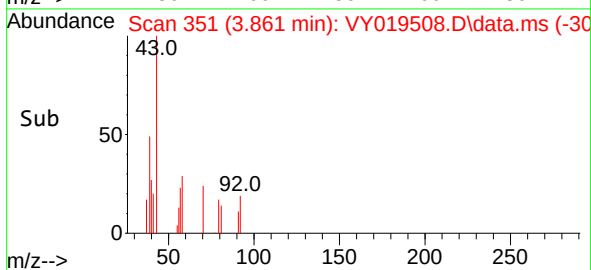
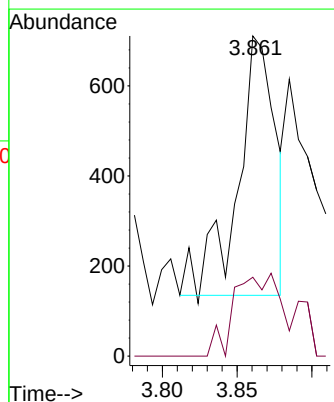
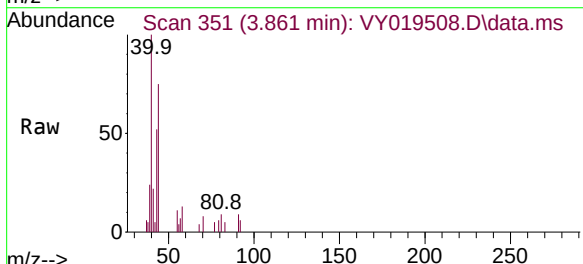
Instrument :
MSVOA_Y
ClientSampleId :

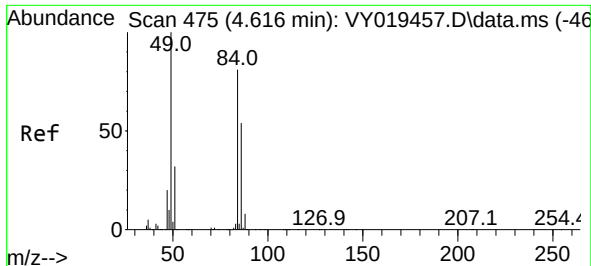
Tgt Ion: 56 Resp: 406
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 1.231 ug/l
RT: 3.861 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

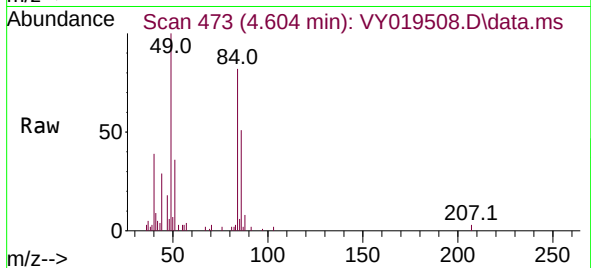
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#



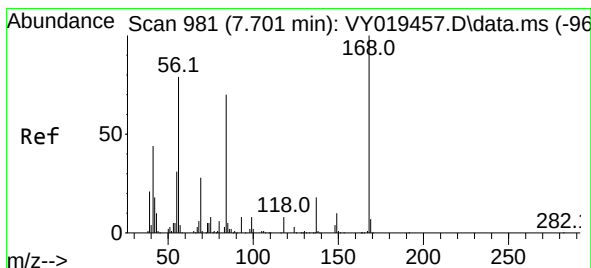
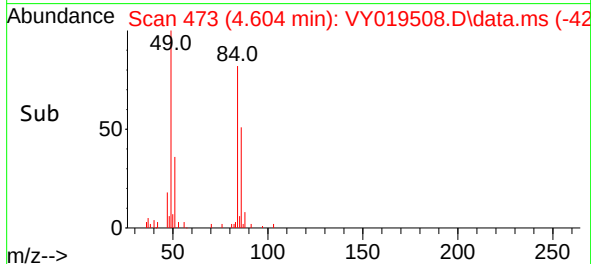
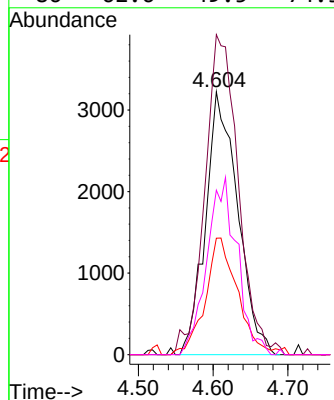


#20
Methylene Chloride
Concen: 2.562 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

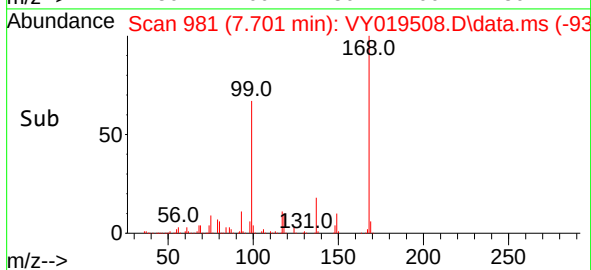
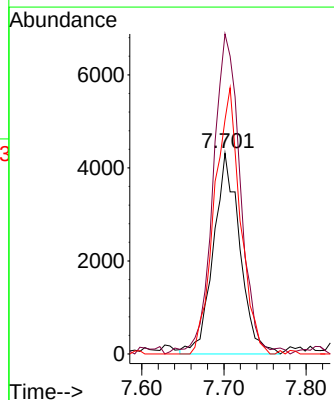
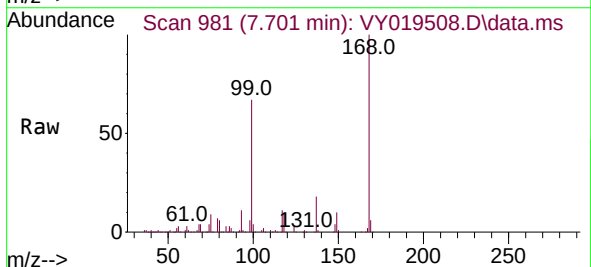


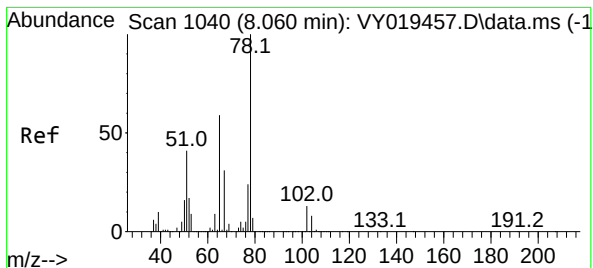
Tgt Ion:	84	Resp:	9653
Ion	Ratio	Lower	Upper
84	100		
49	118.9	84.4	126.6
51	42.5	26.0	39.0#
86	62.6	49.5	74.3



#31
Cyclohexane
Concen: 1.549 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion:	56	Resp:	9613
Ion	Ratio	Lower	Upper
56	100		
69	157.0	28.7	43.1#
84	116.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.325 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019508.D

Acq: 11 Sep 2024 14:56

Instrument :

MSVOA_Y

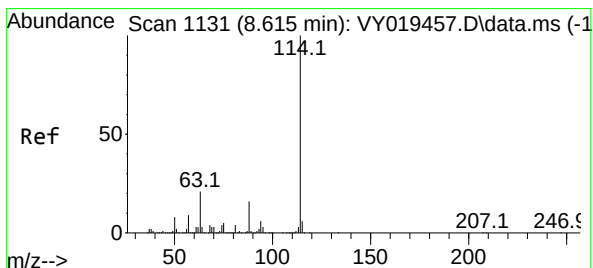
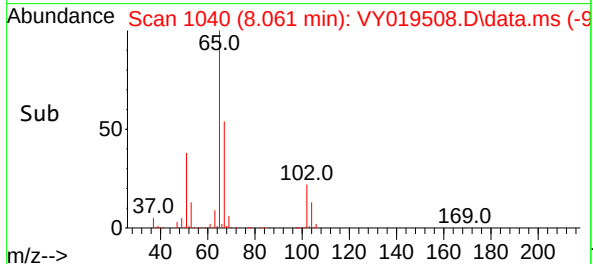
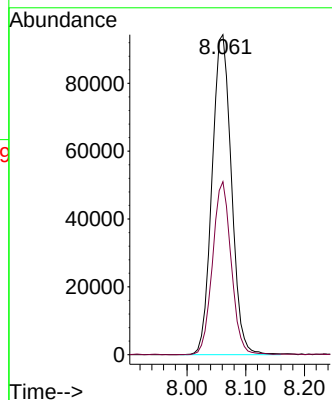
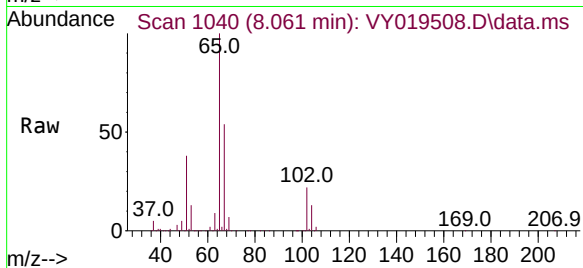
ClientSampleId :

Tgt Ion: 65 Resp: 216145

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019508.D

Acq: 11 Sep 2024 14:56

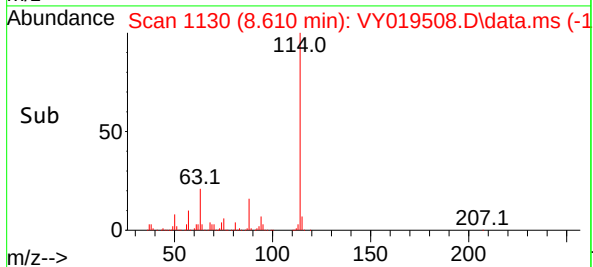
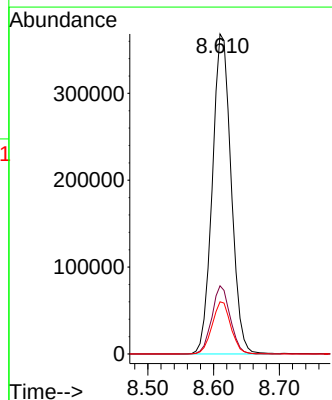
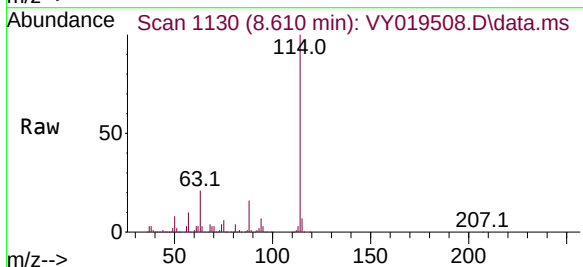
Tgt Ion: 114 Resp: 732814

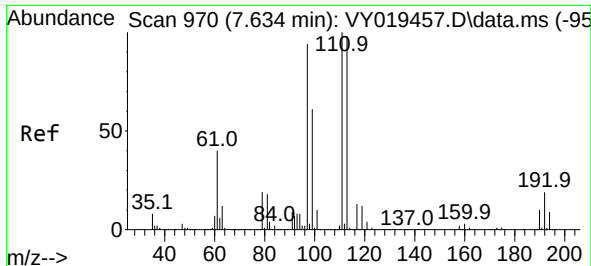
Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 16.3 0.0 27.2

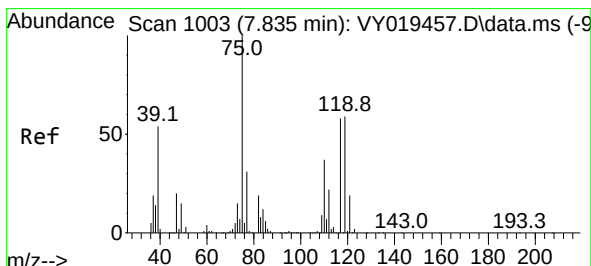
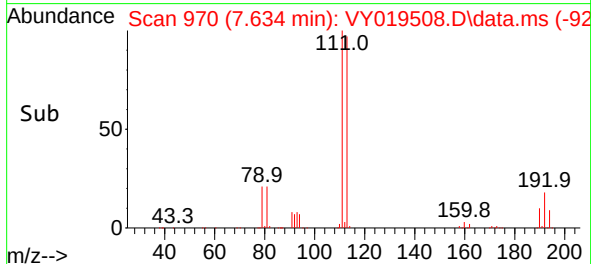
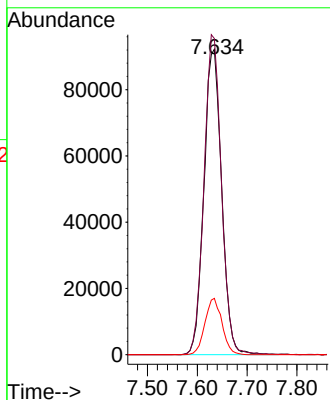
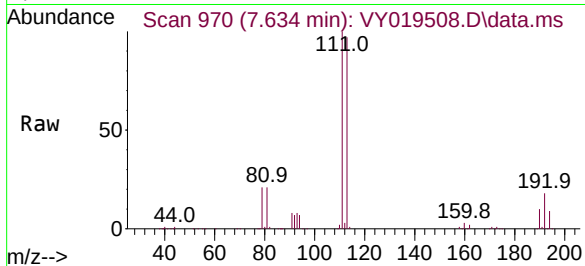




#35
Dibromofluoromethane
Concen: 54.914 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

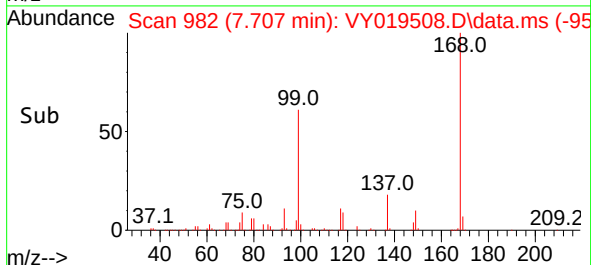
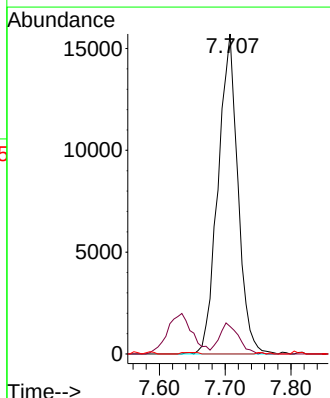
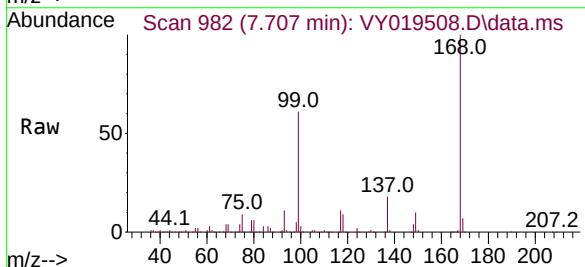
Instrument :
MSVOA_Y
ClientSampleId :

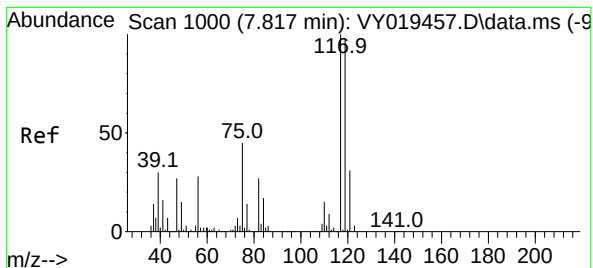
Tgt Ion:113 Resp: 228164
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.851 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 75 Resp: 33077
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.569 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY019508.D

Acq: 11 Sep 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

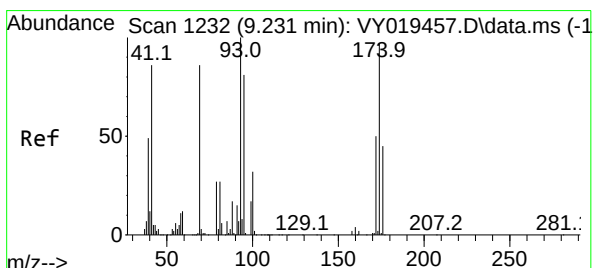
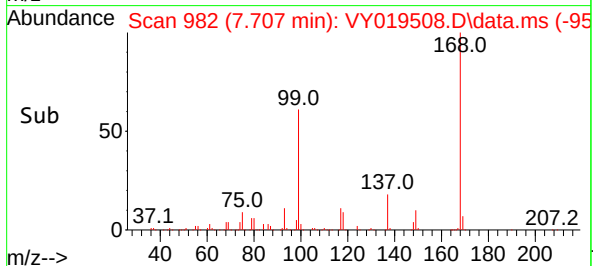
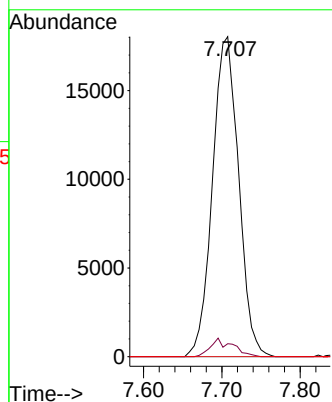
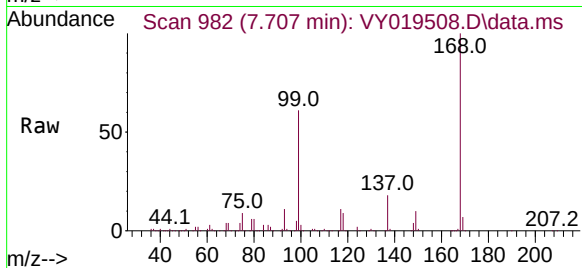
Tgt Ion:117 Resp: 41882

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 1.678 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.019 min

Lab File: VY019508.D

Acq: 11 Sep 2024 14:56

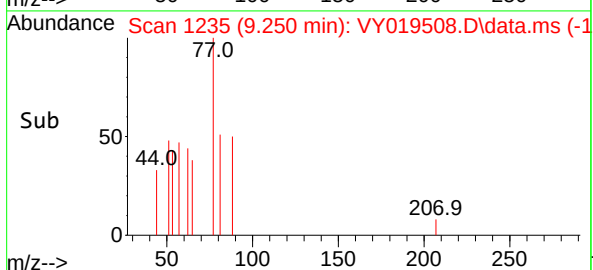
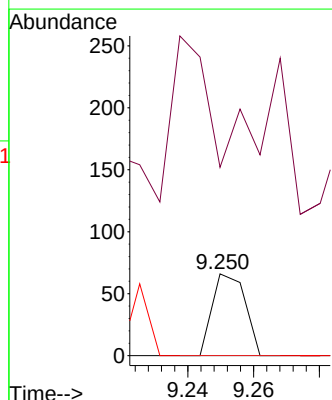
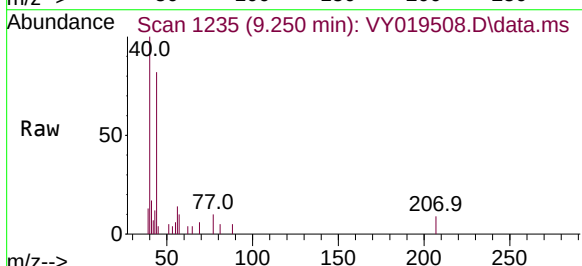
Tgt Ion: 88 Resp: 46

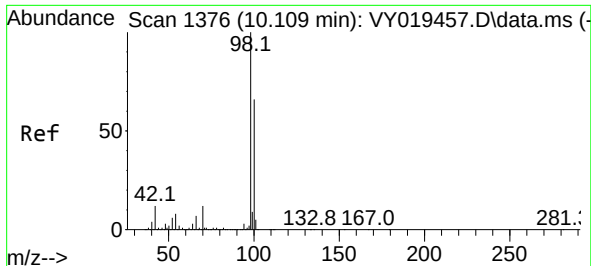
Ion Ratio Lower Upper

88 100

43 526.1 0.0 0.0#

58 0.0 49.3 73.9#

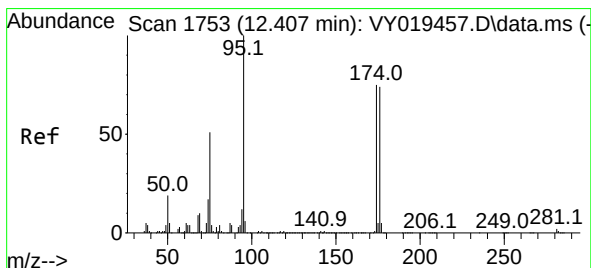
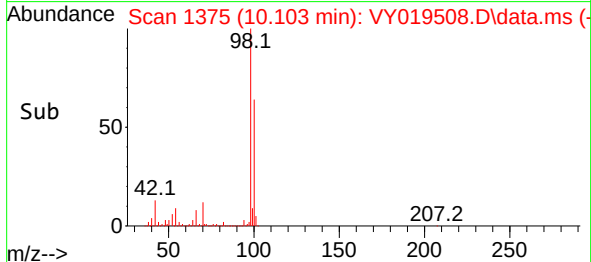
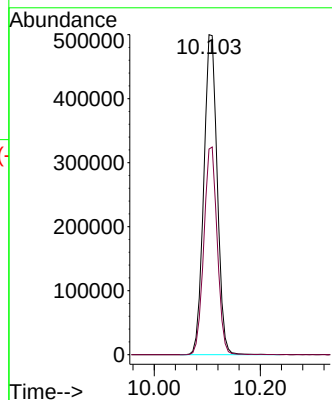
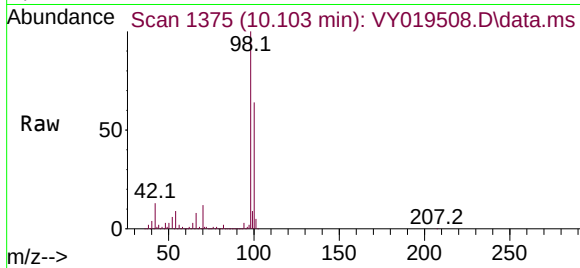




#50
Toluene-d8
Concen: 57.005 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

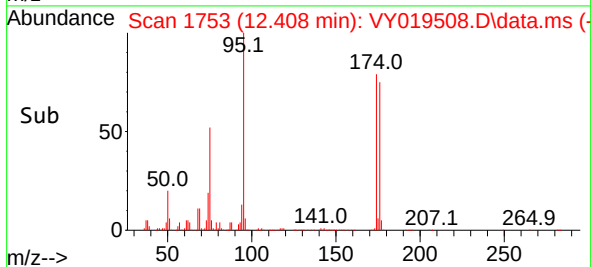
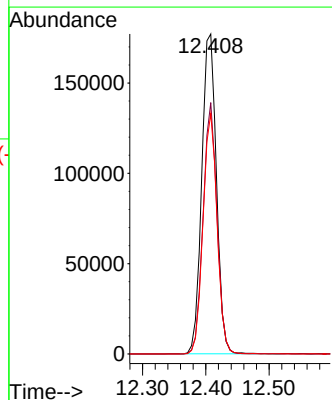
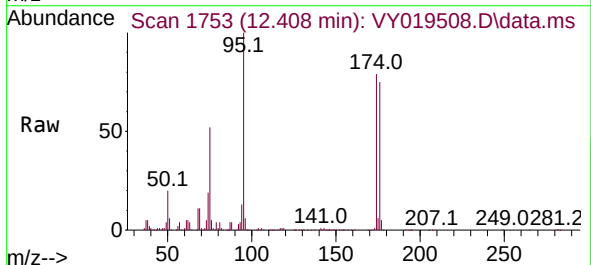
Instrument :
MSVOA_Y
ClientSampleId :

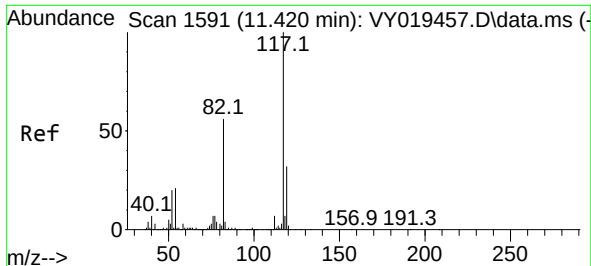
Tgt Ion: 98 Resp: 876050
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.415 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 95 Resp: 286092
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 71.9 0.0 171.4

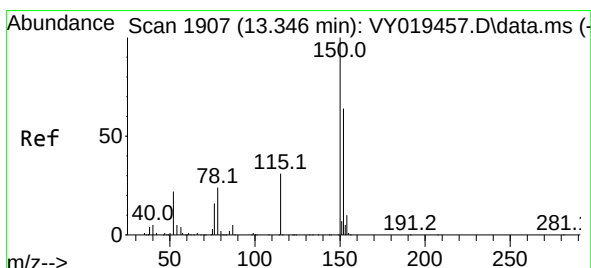
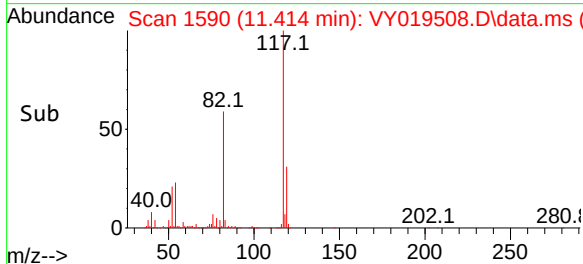
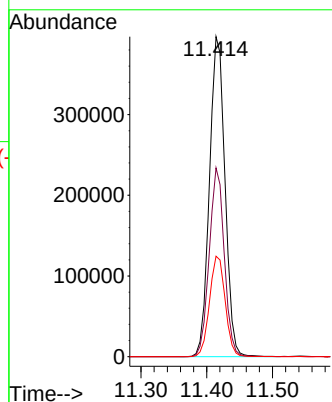
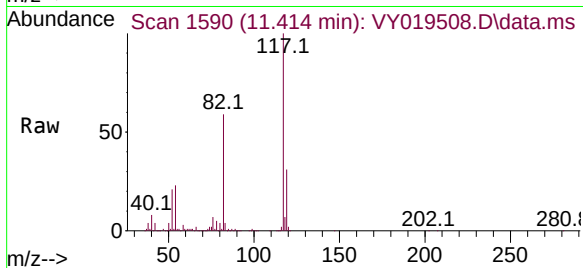




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

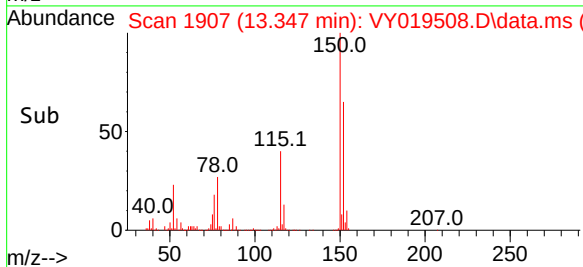
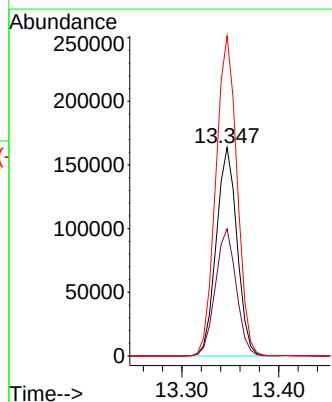
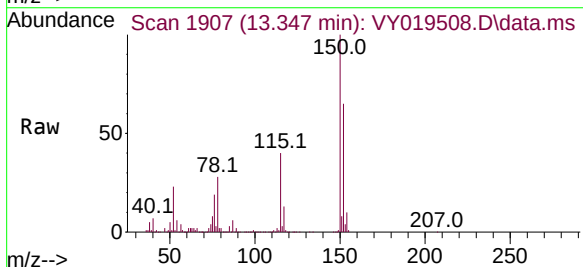
Instrument :
MSVOA_Y
ClientSampleId :

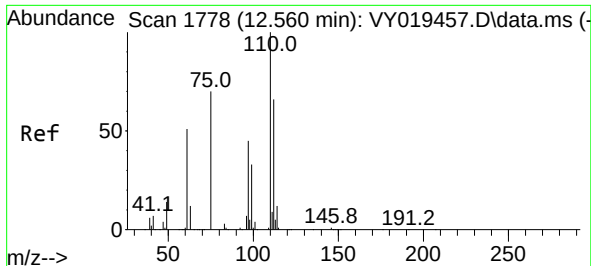
Tgt Ion:117 Resp: 652093
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion:152 Resp: 244106
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 157.2 0.0 345.6

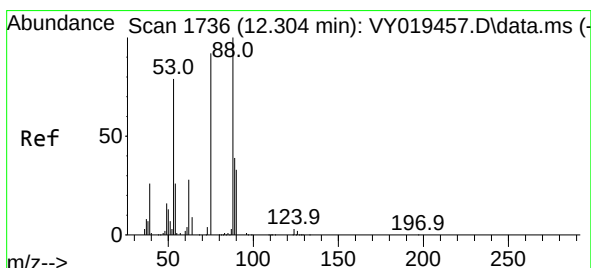
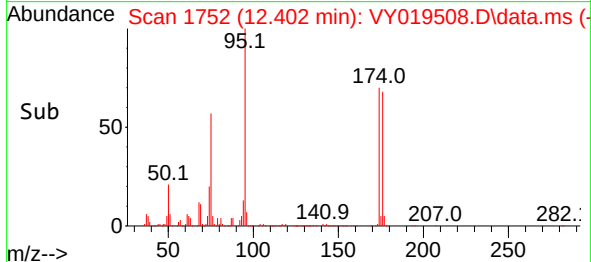
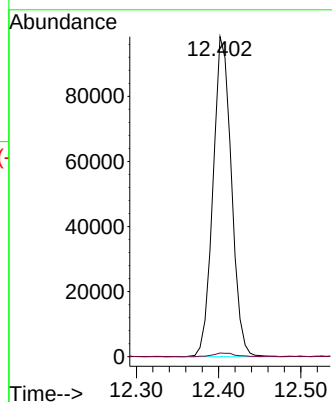
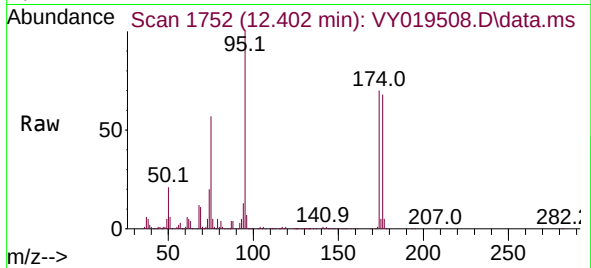




#76
1,2,3-Trichloropropane
Concen: 66.954 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 153190
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.533 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019508.D
Acq: 11 Sep 2024 14:56

Tgt Ion: 75 Resp: 153190
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

