

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019748.D
 Acq On : 01 Oct 2024 17:58
 Operator : SY/MD
 Sample : P4236-14
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:17:54 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)

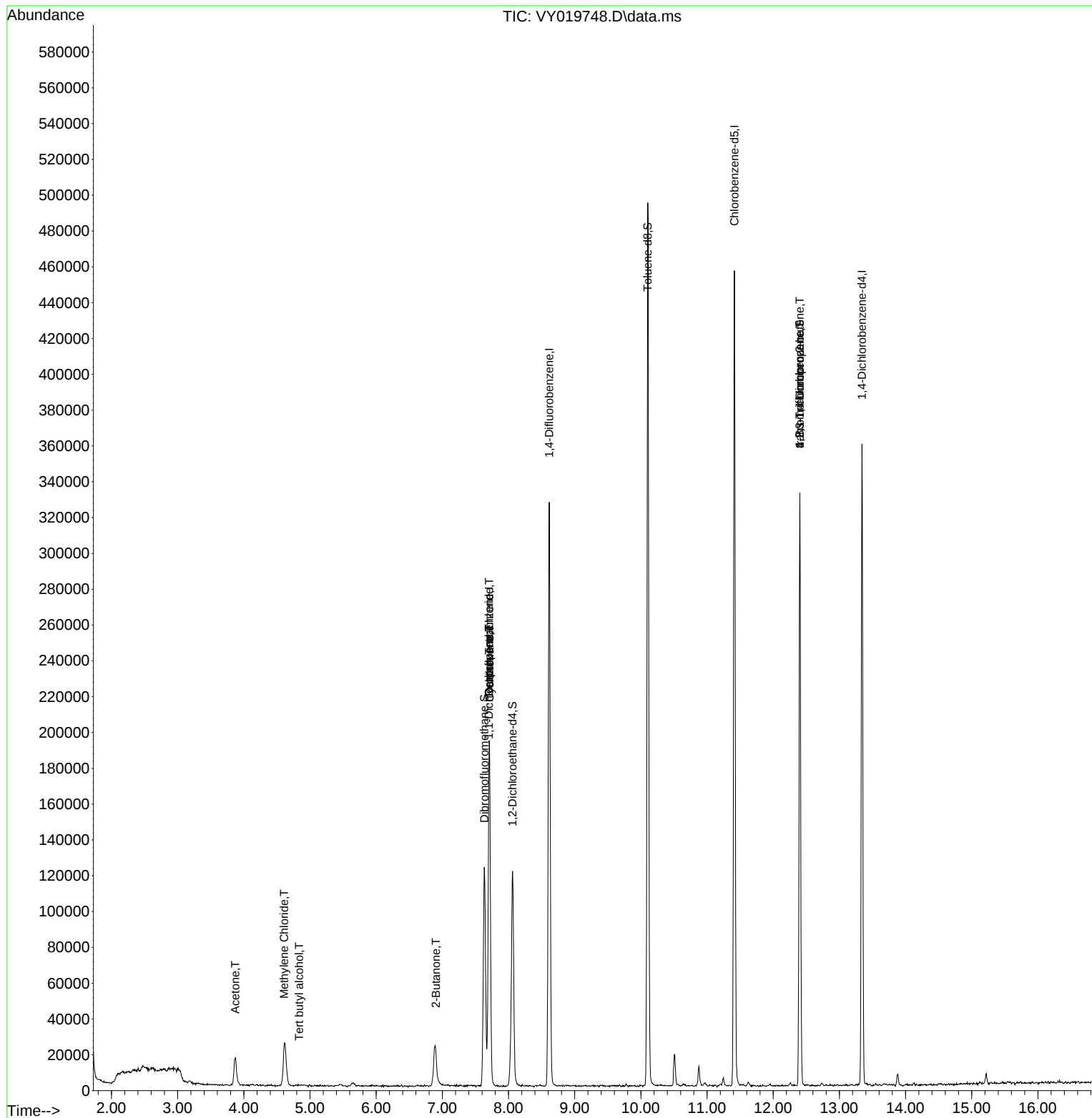
Internal Standards						
1) Pentafluorobenzene	7.707	168	145351	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	272118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	235279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	86833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89226	66.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.580%	
35) Dibromofluoromethane	7.634	113	88047	57.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.103	98	318378	55.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.580%	
62) 4-Bromofluorobenzene	12.401	95	104707	47.719	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	576	5.299	ug/l	# 42
13) Acrolein	3.647	56	41	Below Cal	#	1
16) Acetone	3.872	43	27346	85.284	ug/l	# 81
20) Methylene Chloride	4.610	84	17870	12.220	ug/l	94
25) 2-Butanone	6.902	43	1948	4.272	ug/l	# 77
31) Cyclohexane	7.713	56	3705	1.538	ug/l	# 18
36) 1,1-Dichloropropene	7.701	75	13178	6.277	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	15906	6.719	ug/l	# 15
76) 1,2,3-Trichloropropane	12.401	75	55571	68.279	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	55571	131.077	ug/l	# 16

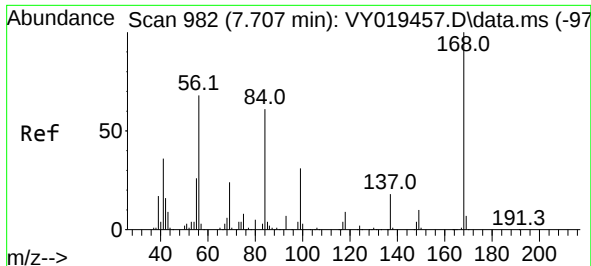
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
Data File : VY019748.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 02 03:17:54 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

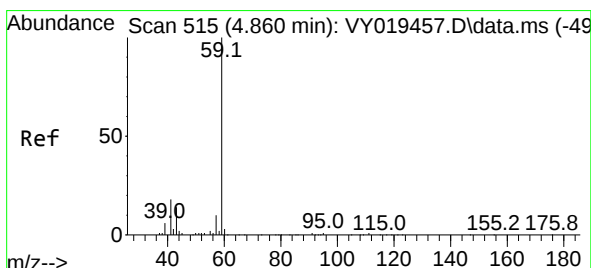
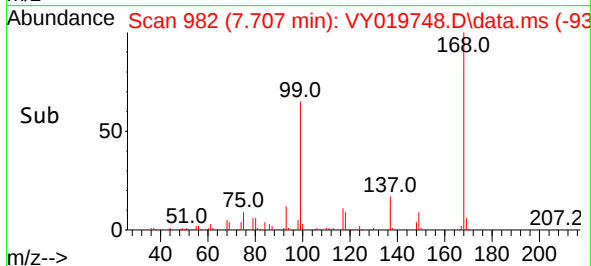
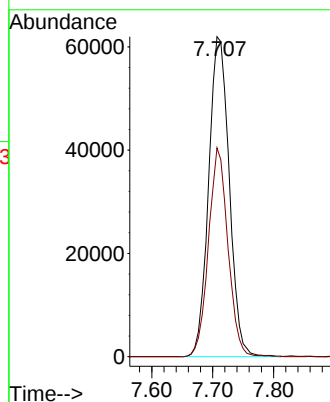
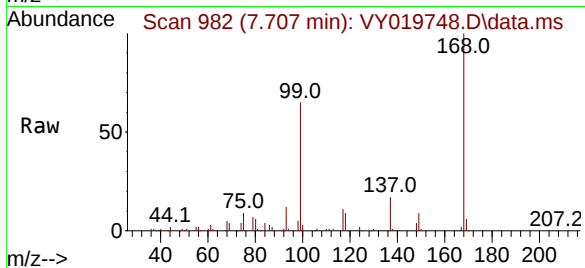




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

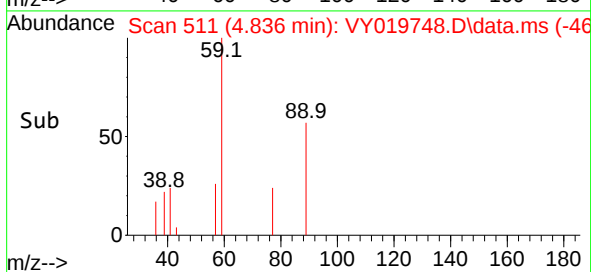
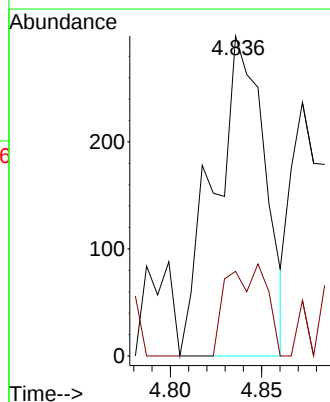
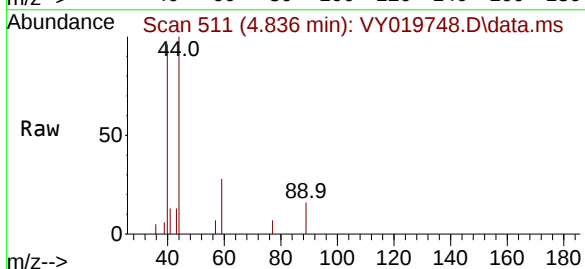
Instrument :
MSVOA_Y
ClientSampleId :

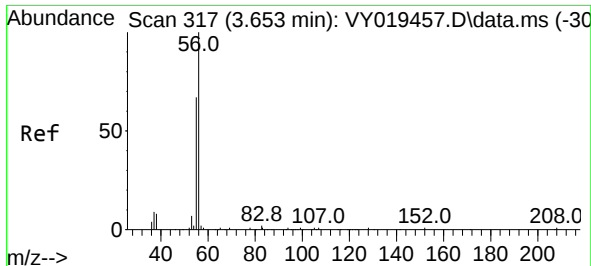
Tgt Ion:168 Resp: 145351
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 5.299 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

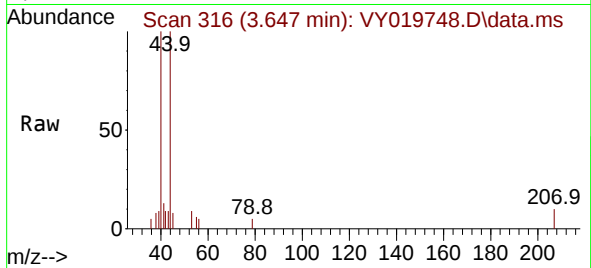
Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 22.7 3.0 4.6#



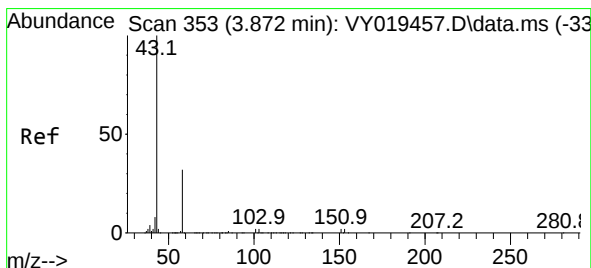
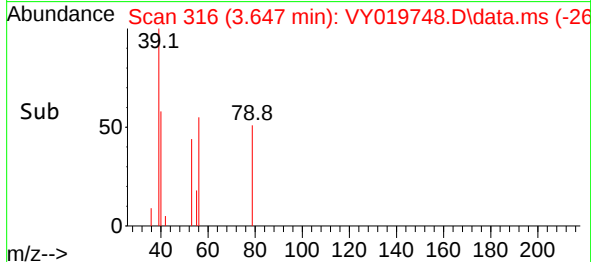
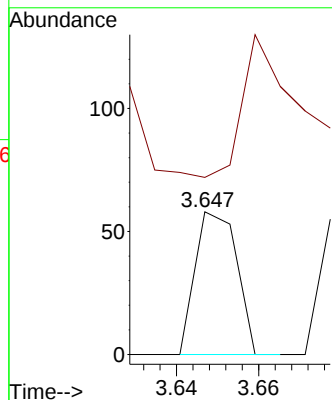


#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :

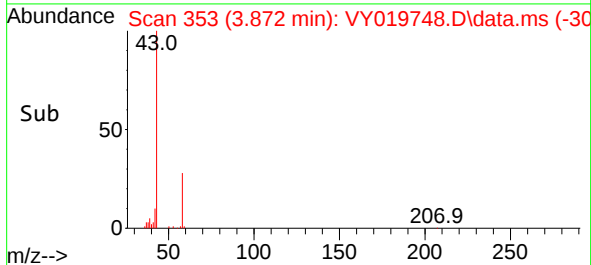
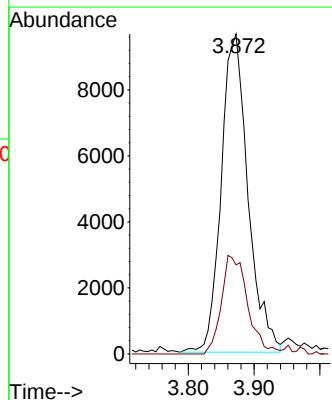
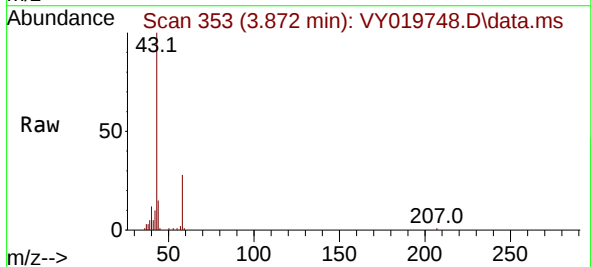


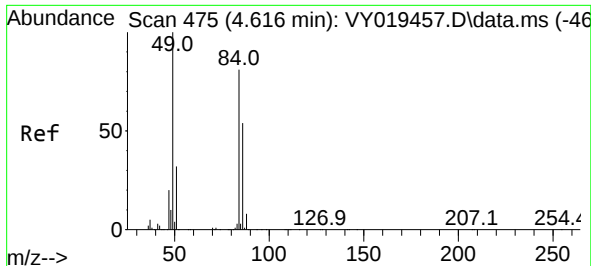
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 451.2 55.7 83.5#



#16
Acetone
Concen: 85.284 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

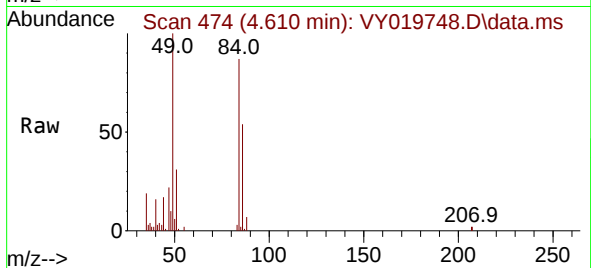
Tgt Ion: 43 Resp: 27346
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#



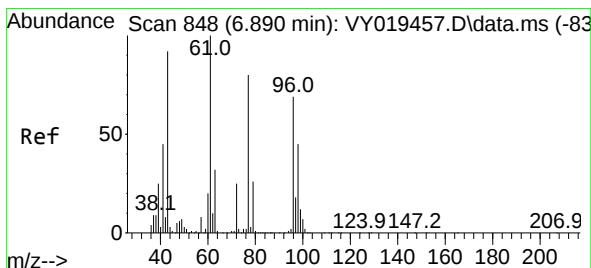
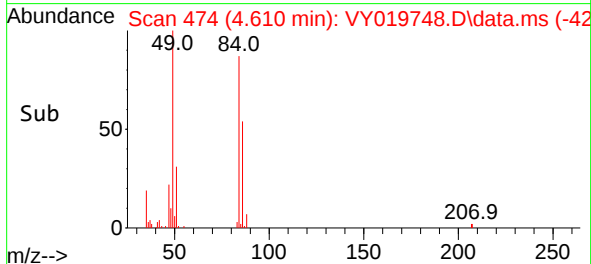
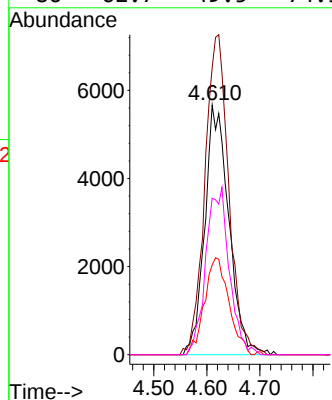


#20
Methylene Chloride
Concen: 12.220 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :

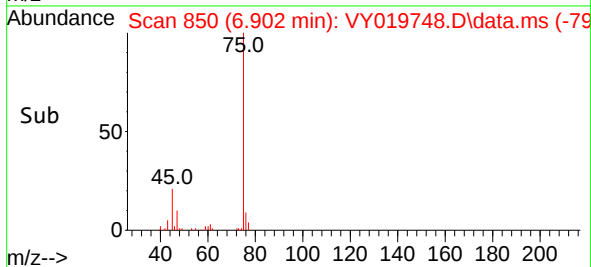
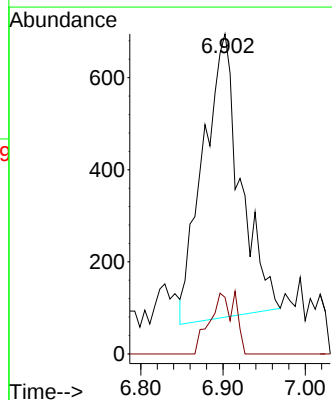
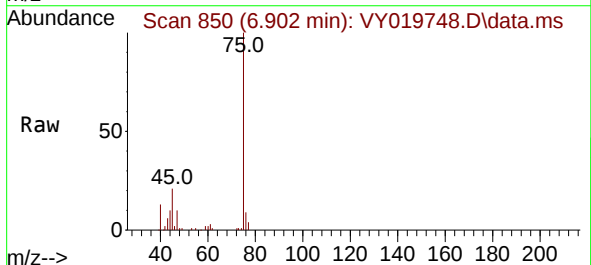


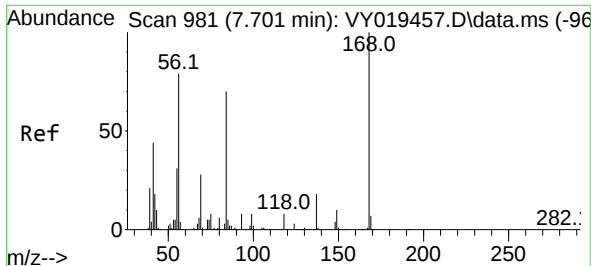
Tgt Ion:	84	Resp:	17870
Ion	Ratio	Lower	Upper
84	100		
49	115.1	84.4	126.6
51	36.0	26.0	39.0
86	62.7	49.5	74.3



#25
2-Butanone
Concen: 4.272 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

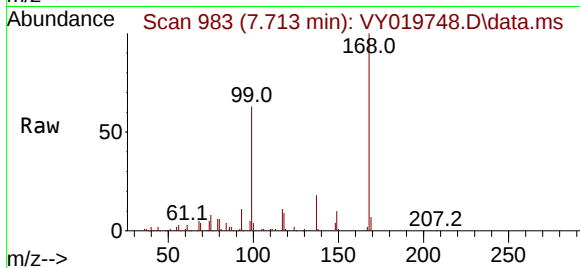
Tgt Ion:	43	Resp:	1948
Ion	Ratio	Lower	Upper
43	100		
72	20.6	27.3	40.9#



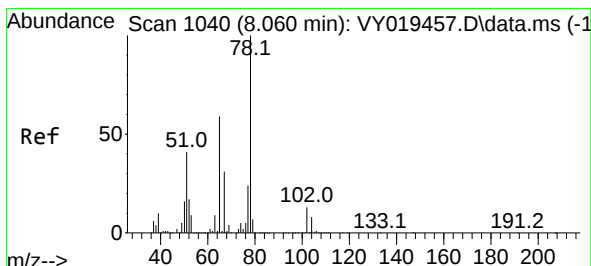
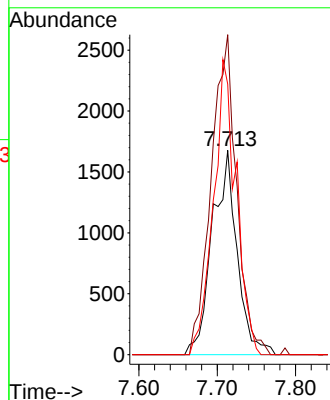
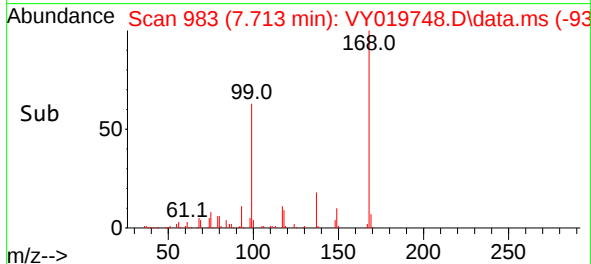


#31
Cyclohexane
Concen: 1.538 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :

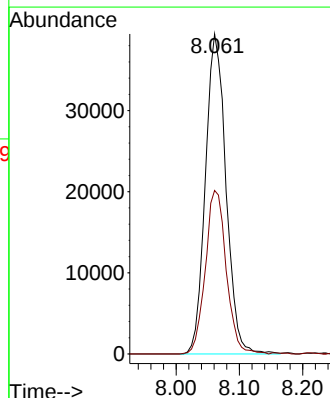
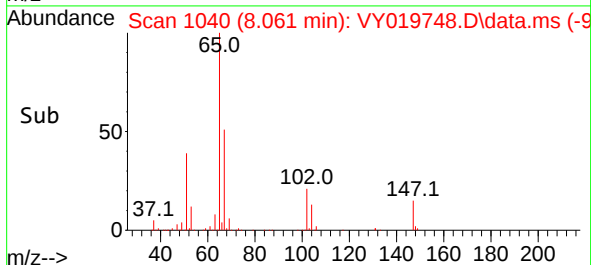
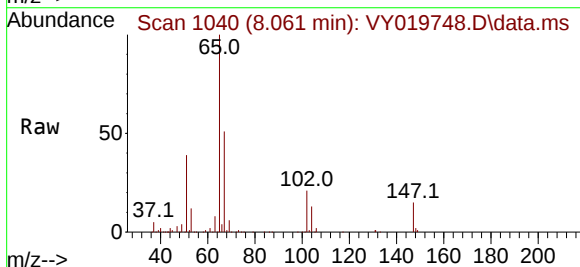


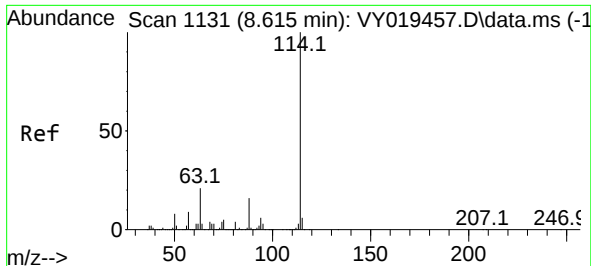
Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 156.6 28.7 43.1#
84 132.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.294 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion: 65 Resp: 89226
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

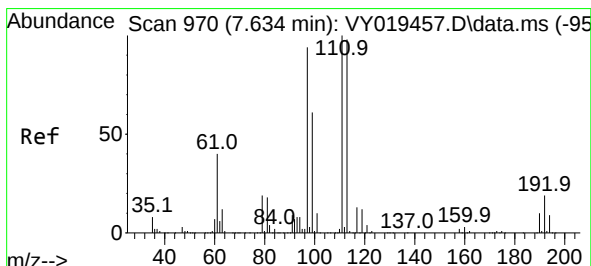
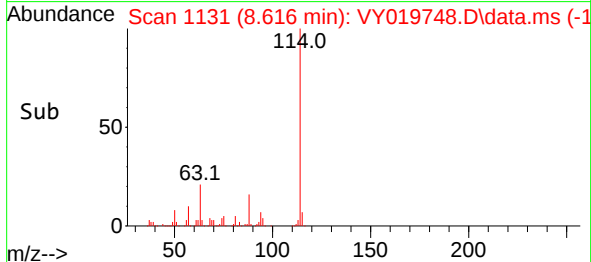
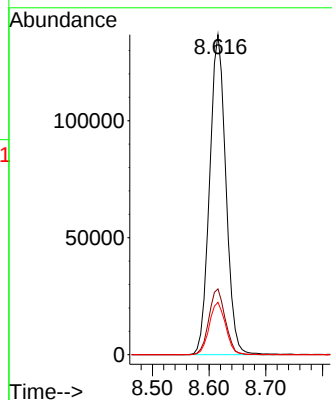
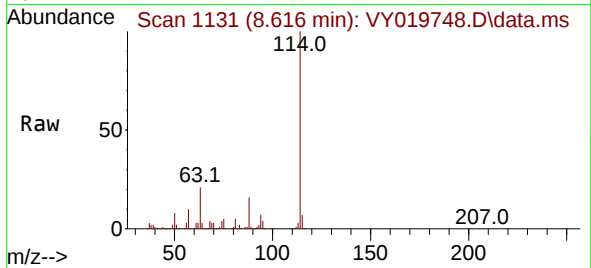




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

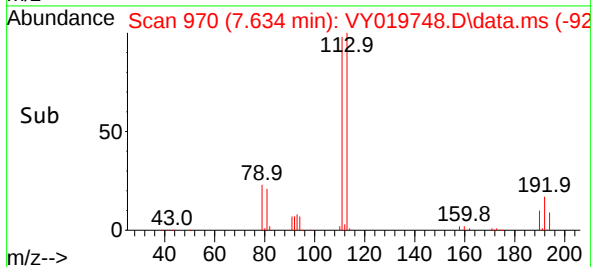
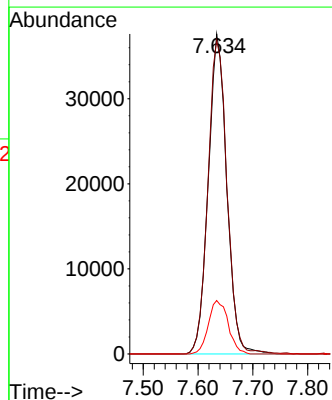
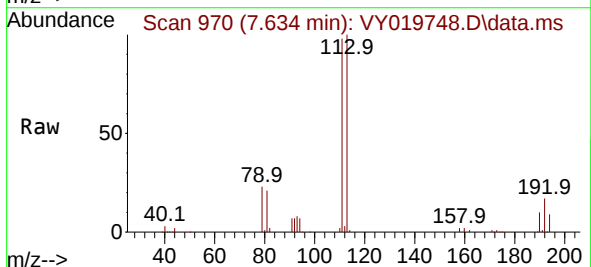
Instrument :
MSVOA_Y
ClientSampleId :

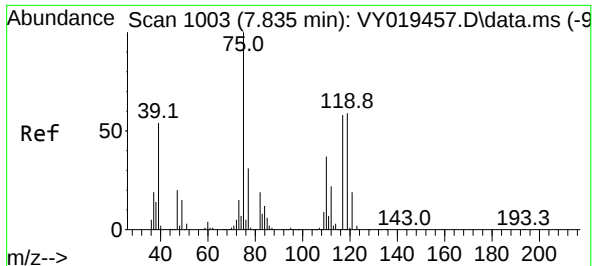
Tgt Ion:114 Resp: 272118
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.067 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion:113 Resp: 88047
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.277 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019748.D

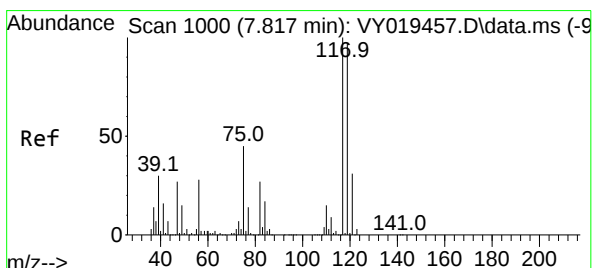
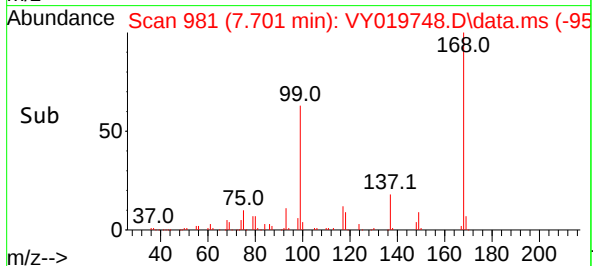
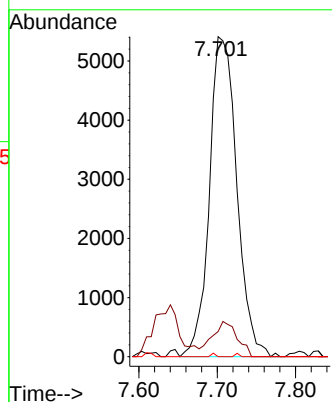
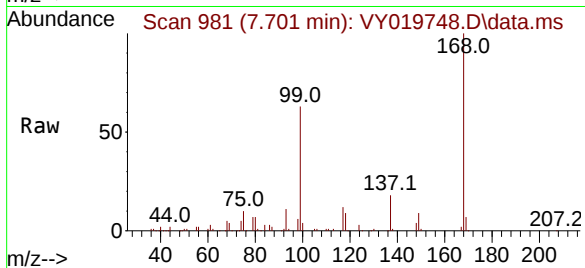
Acq: 01 Oct 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	13178
Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.0	57.0#
77	0.2	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.719 ug/l

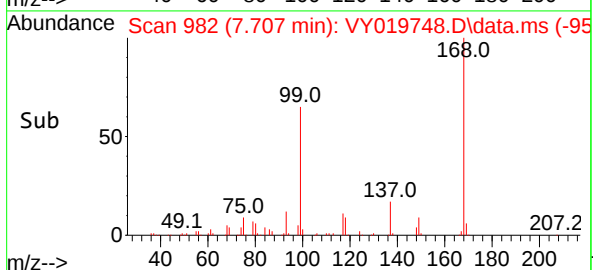
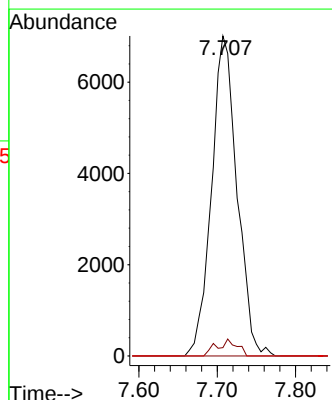
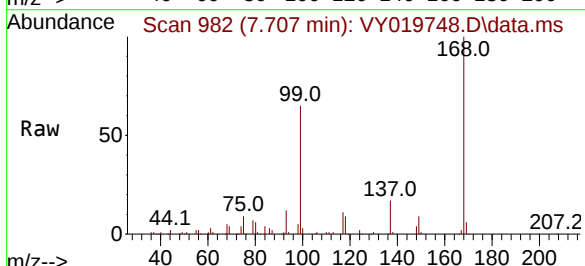
RT: 7.707 min Scan# 982

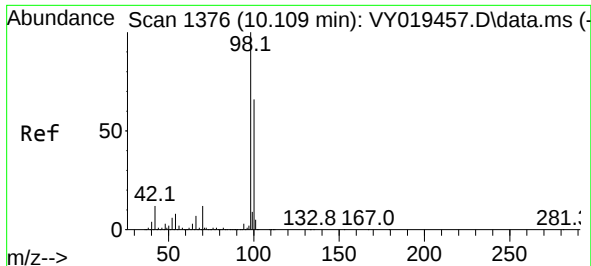
Delta R.T. -0.109 min

Lab File: VY019748.D

Acq: 01 Oct 2024 17:58

Tgt Ion:	117	Resp:	15906
Ion	Ratio	Lower	Upper
117	100		
119	2.6	75.8	113.6#
121	0.0	24.0	36.0#

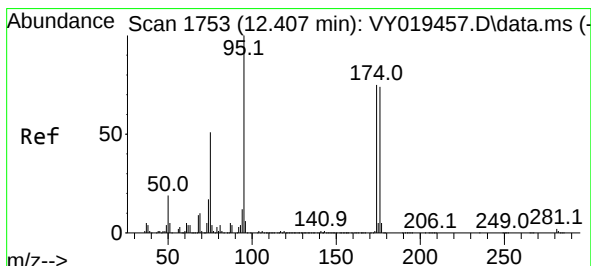
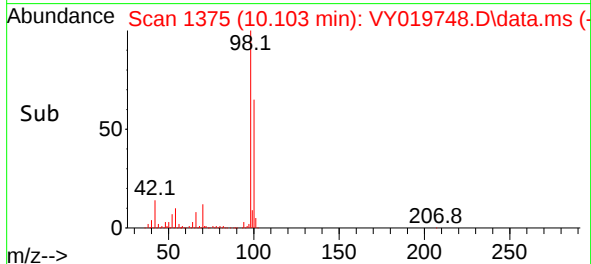
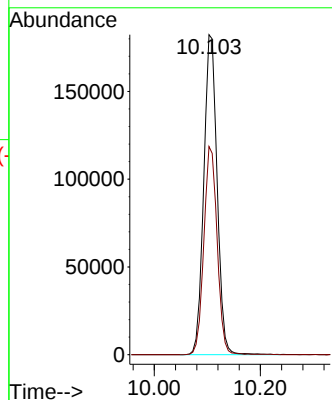
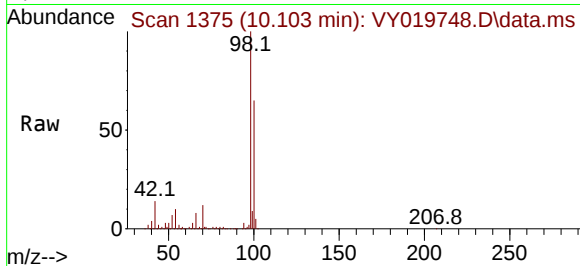




#50
Toluene-d8
Concen: 55.790 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

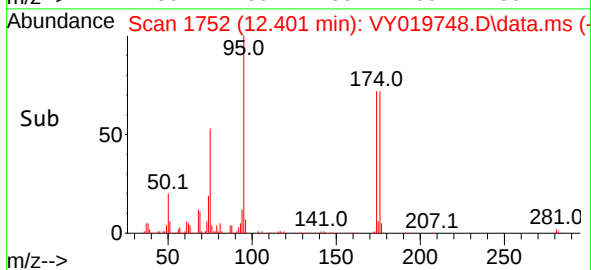
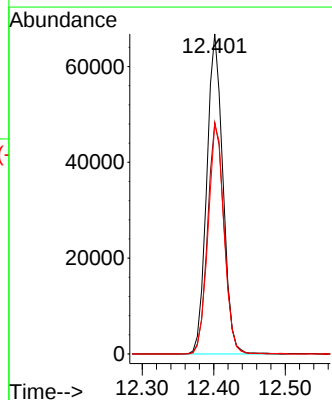
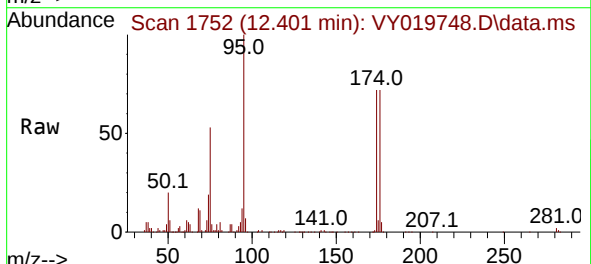
Instrument :
MSVOA_Y
ClientSampleId :

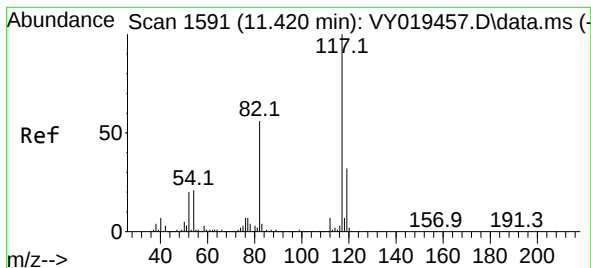
Tgt Ion: 98 Resp: 318378
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion: 95 Resp: 104707
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 71.3 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: VY019748.D

Acq: 01 Oct 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

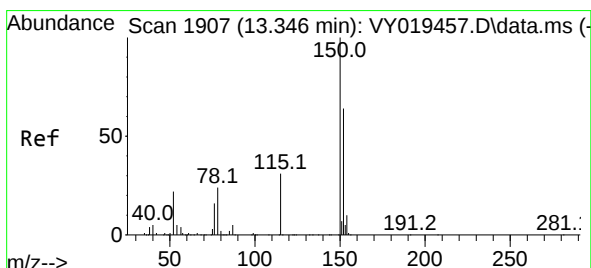
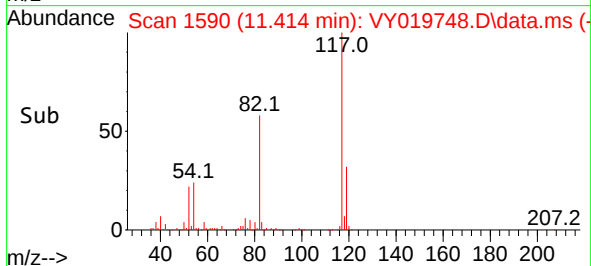
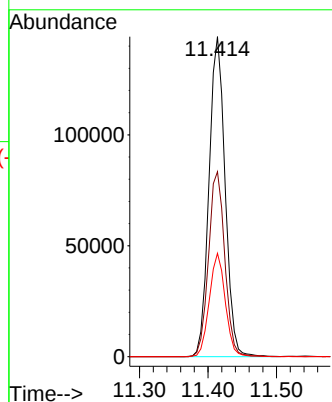
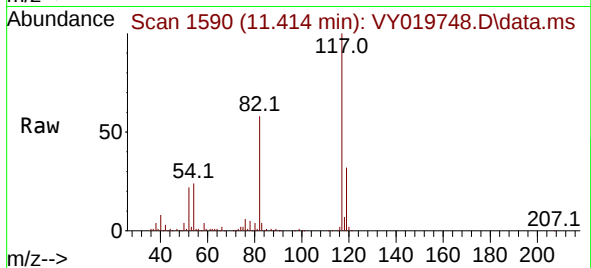
Tgt Ion:117 Resp: 235279

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019748.D

Acq: 01 Oct 2024 17:58

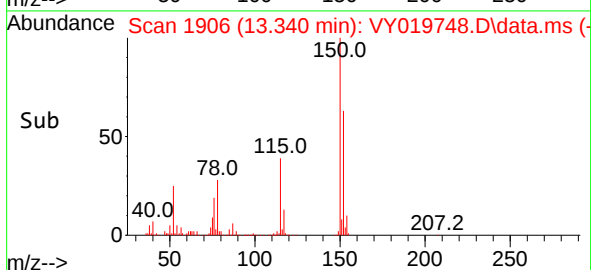
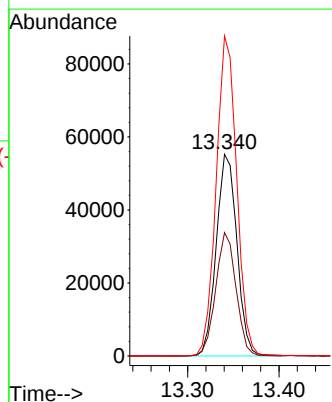
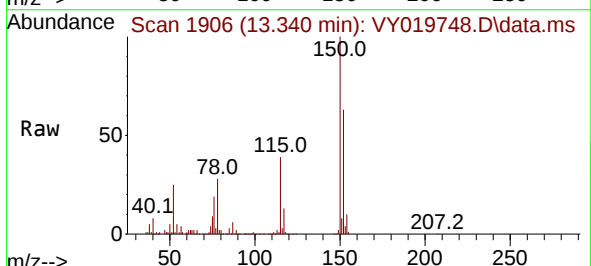
Tgt Ion:152 Resp: 86833

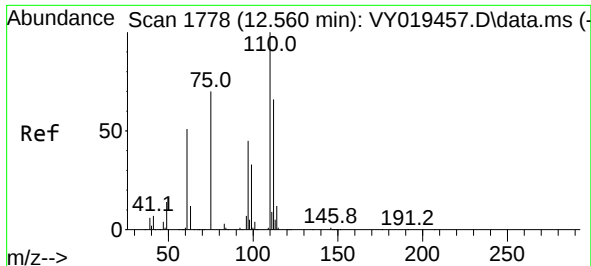
Ion Ratio Lower Upper

152 100

115 60.3 28.2 84.7

150 158.0 0.0 345.6

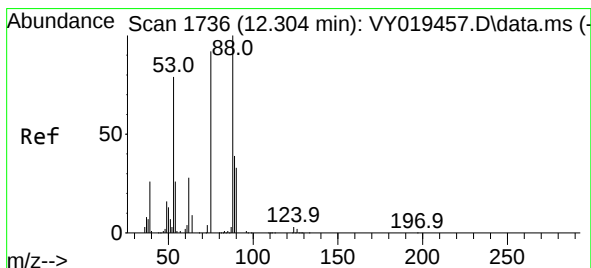
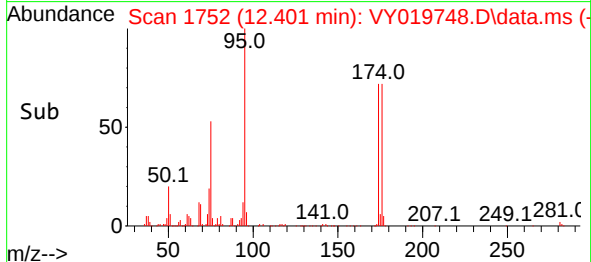
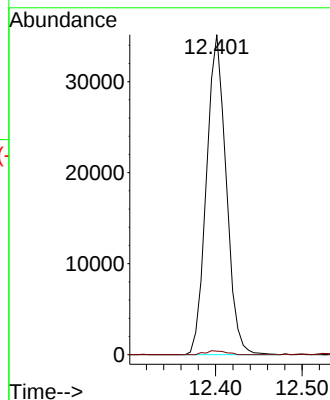
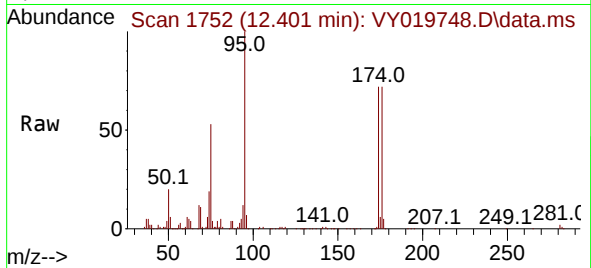




#76
1,2,3-Trichloropropane
Concen: 68.279 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.077 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019748.D
Acq: 01 Oct 2024 17:58

Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

