

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019749.D
 Acq On : 01 Oct 2024 18:21
 Operator : SY/MD
 Sample : P4234-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:18:19 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)

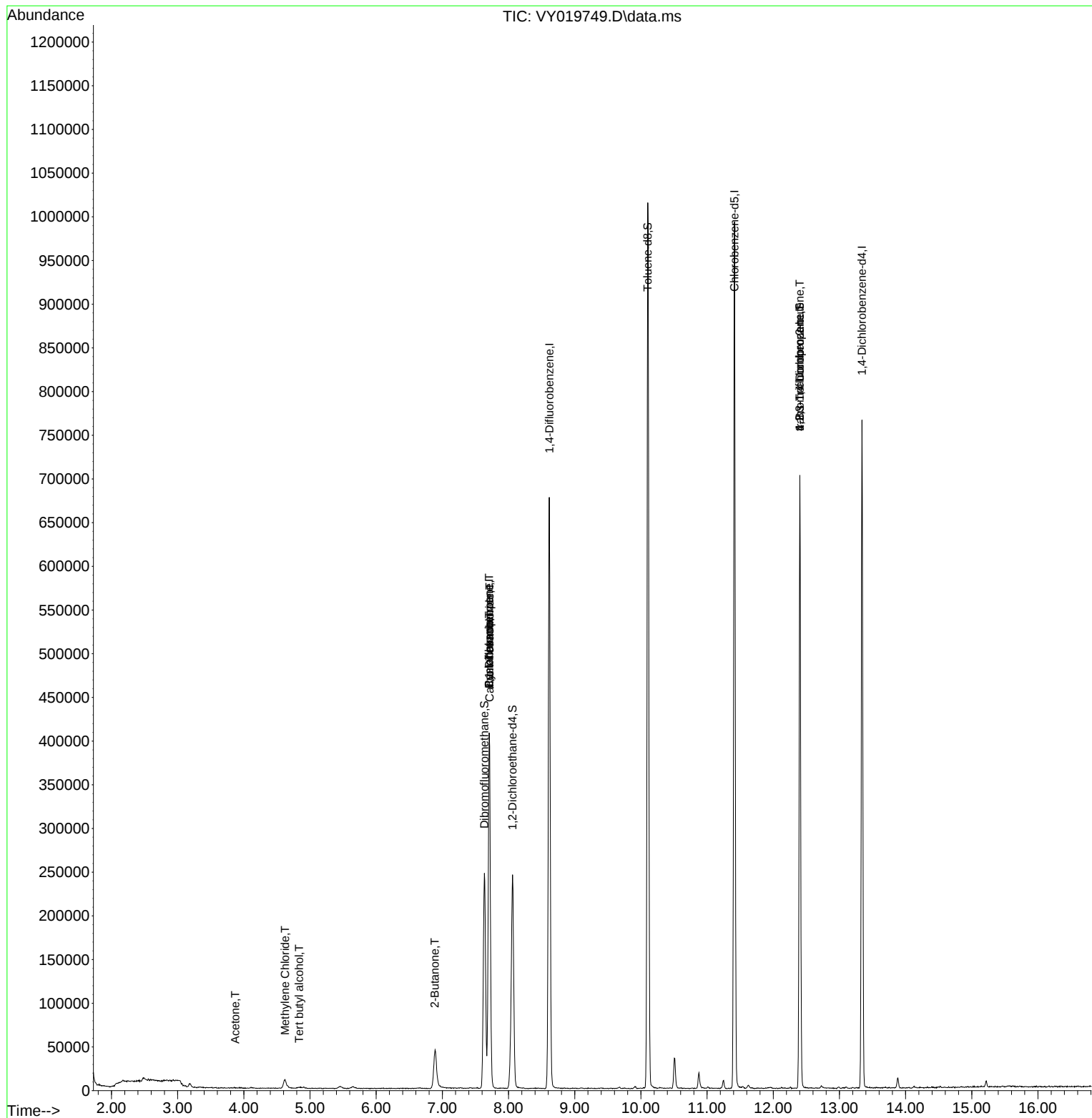
Internal Standards						
1) Pentafluorobenzene	7.707	168	294830	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	562697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	498509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	182833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173599	63.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.180%	
35) Dibromofluoromethane	7.634	113	176378	55.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.103	98	666164	56.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.401	95	218834	48.229	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.460%	
Target Compounds						
2) Dichlorodifluoromethane	1.861	85	208	Below Cal		Qvalue 77
11) Tert butyl alcohol	4.836	59	2164	9.815	ug/l #	91
13) Acrolein	3.665	56	82	Below Cal	#	6
16) Acetone	3.873	43	666	1.024	ug/l #	36
20) Methylene Chloride	4.622	84	6425	2.166	ug/l #	82
25) 2-Butanone	6.884	43	1752	1.894	ug/l #	71
31) Cyclohexane	7.707	56	7206	1.475	ug/l #	19
36) 1,1-Dichloropropene	7.707	75	26121	6.017	ug/l #	48
38) Carbon Tetrachloride	7.713	117	31654	6.466	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	117097	68.331	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	117097	131.175	ug/l #	16

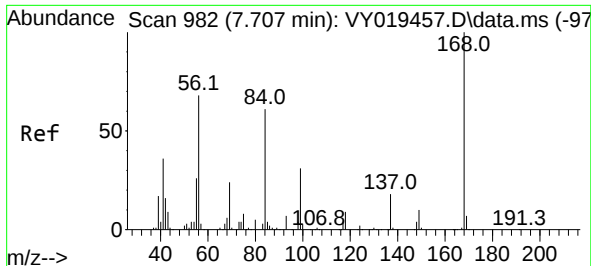
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
Data File : VY019749.D
Acq On : 01 Oct 2024 18:21
Operator : SY/MD
Sample : P4234-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 02 03:18:19 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

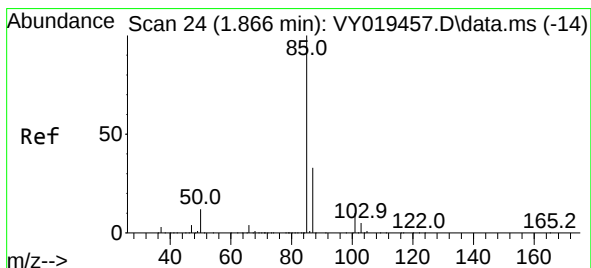
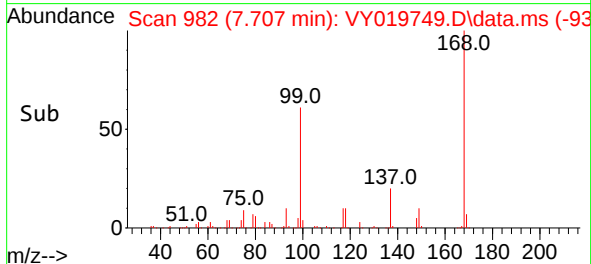
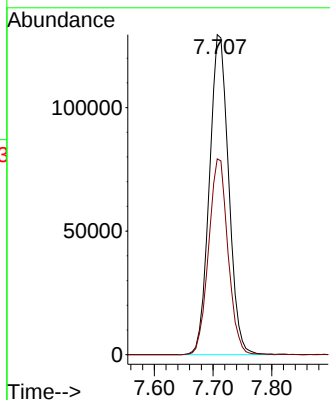
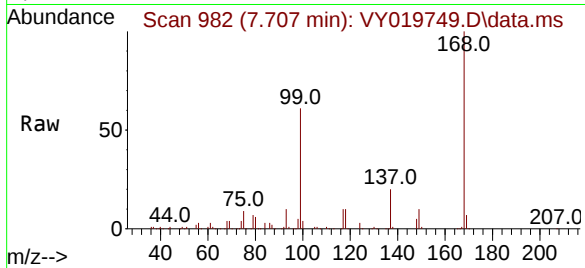




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

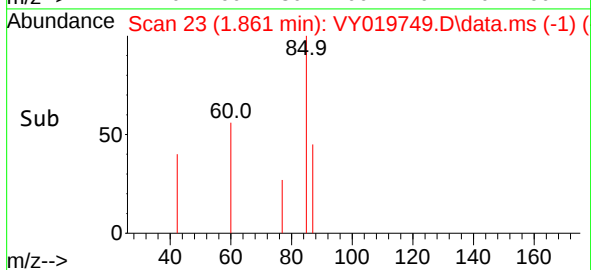
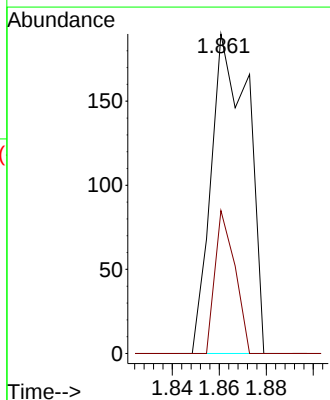
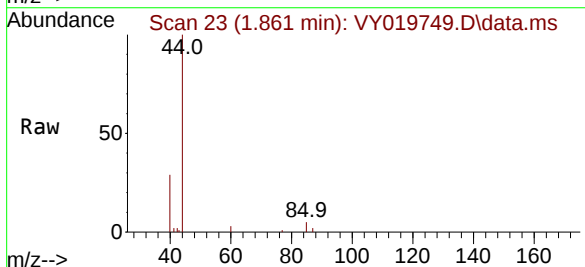
Instrument :
MSVOA_Y
ClientSampleId :

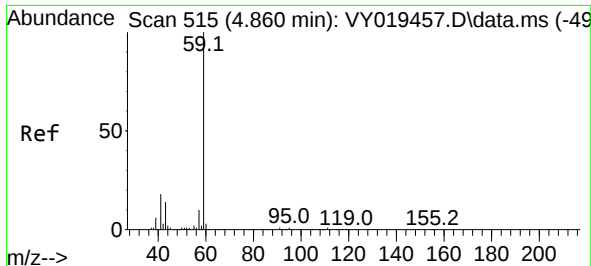
Tgt Ion:168 Resp: 294830
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

Tgt Ion: 85 Resp: 208
Ion Ratio Lower Upper
85 100
87 44.7 16.0 48.0

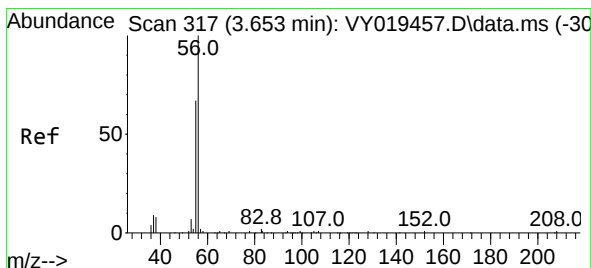
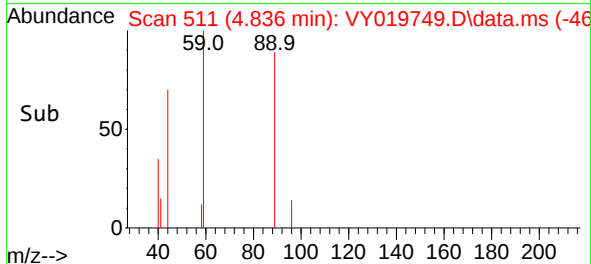
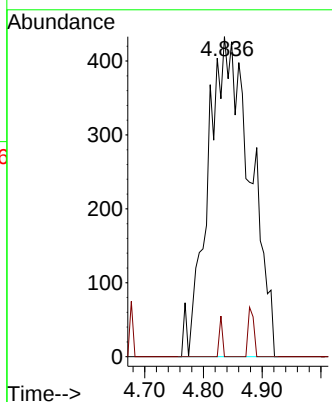
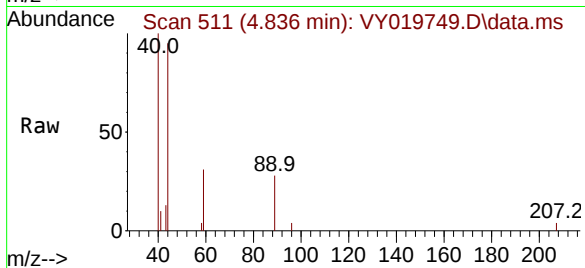




#11
Tert butyl alcohol
Concen: 9.815 ug/l
RT: 4.836 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

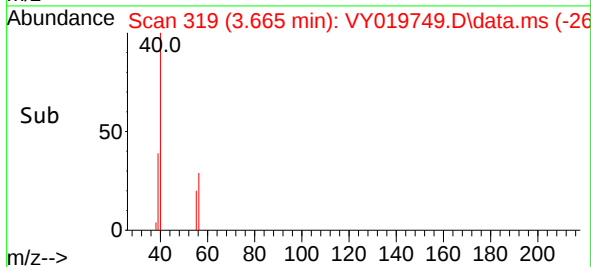
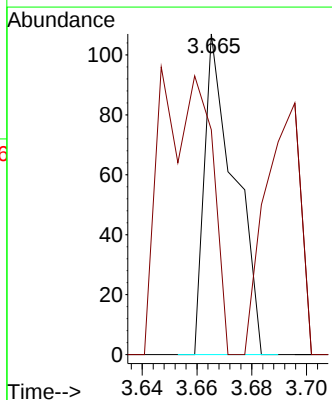
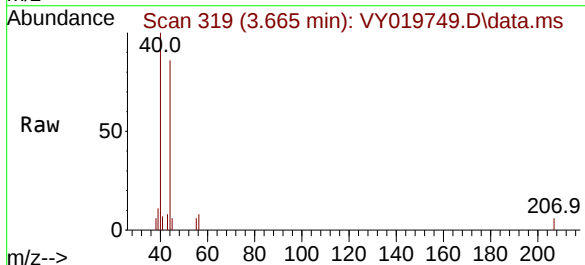
Instrument :
MSVOA_Y
ClientSampleId :

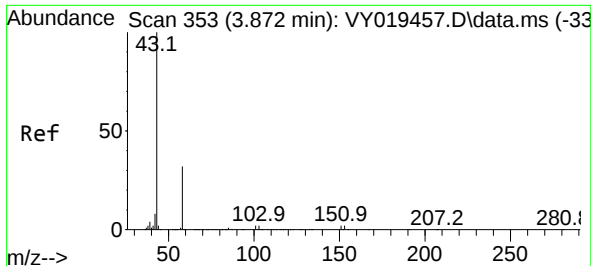
Tgt Ion: 59 Resp: 2164
Ion Ratio Lower Upper
59 100
57 0.9 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 146.3 55.7 83.5#

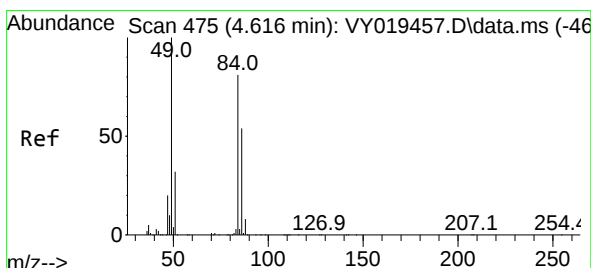
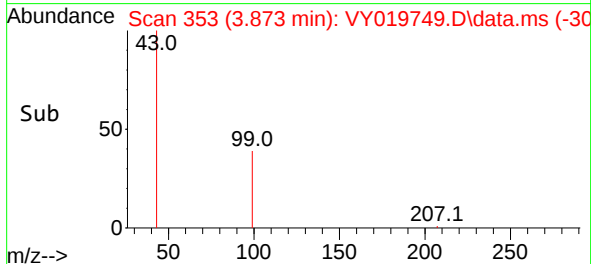
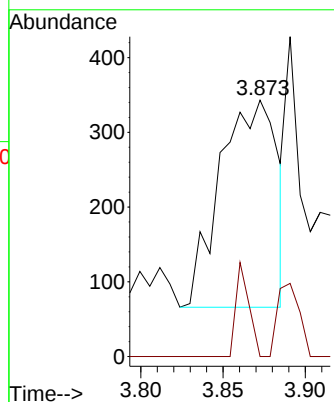
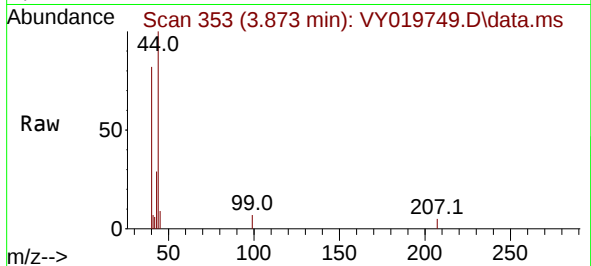




#16
Acetone
Concen: 1.024 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

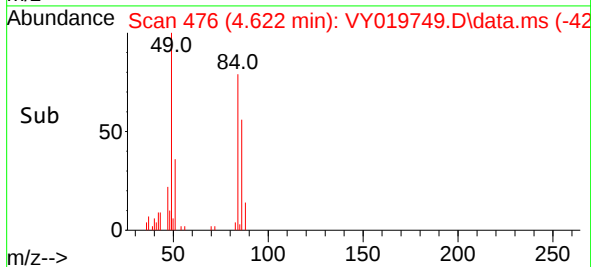
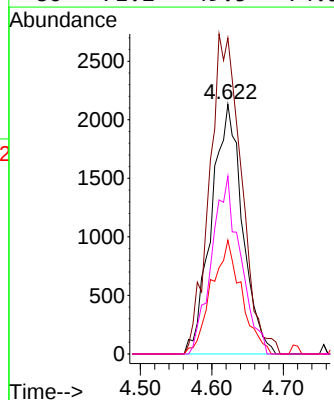
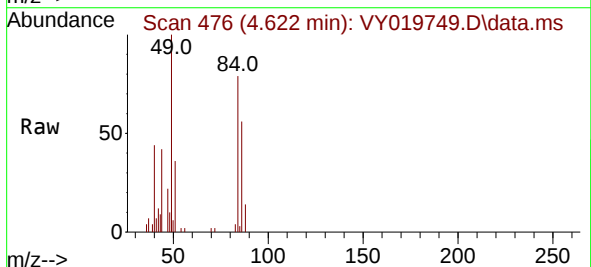
Instrument :
MSVOA_Y
ClientSampleId :

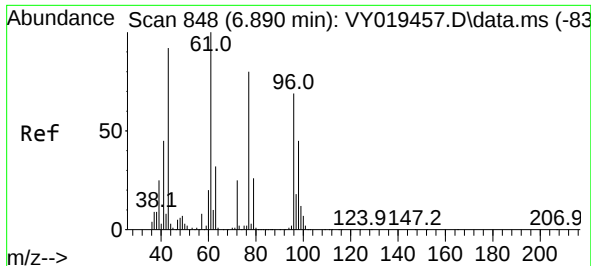
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.166 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

Tgt Ion: 84 Resp: 6425
Ion Ratio Lower Upper
84 100
49 126.6 84.4 126.6
51 45.6 26.0 39.0#
86 71.2 49.5 74.3

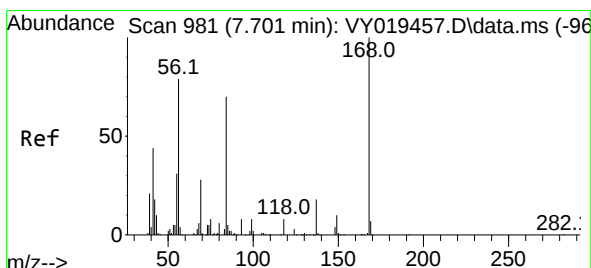
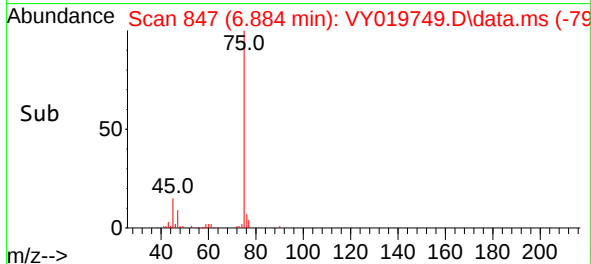
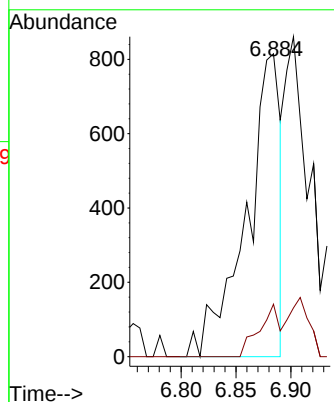
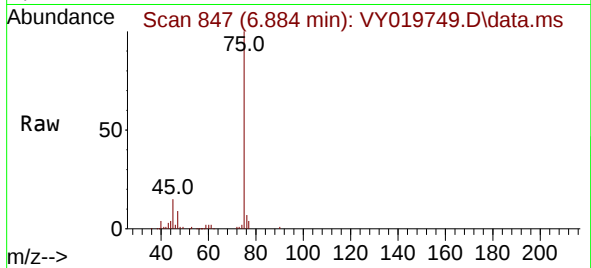




#25
2-Butanone
Concen: 1.894 ug/l
RT: 6.884 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

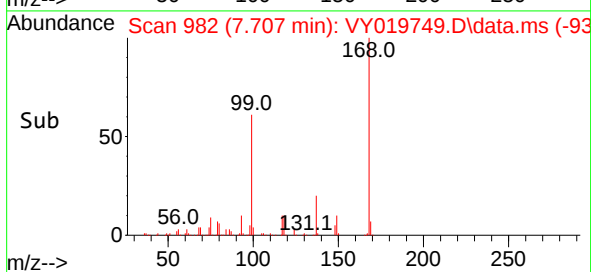
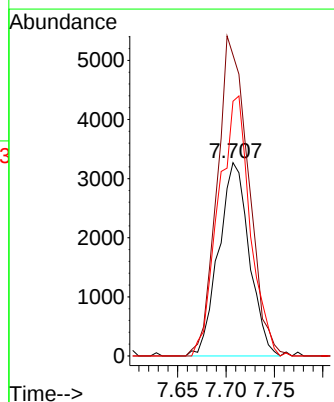
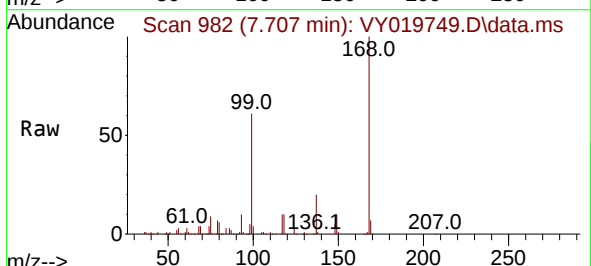
Instrument :
MSVOA_Y
ClientSampleId :

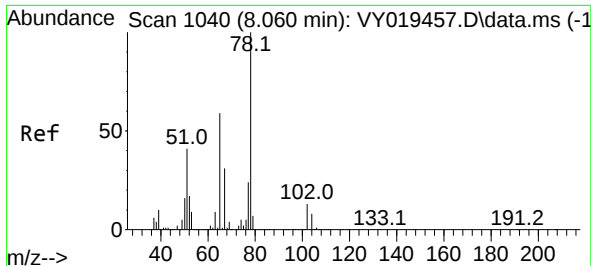
Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
72 17.3 27.3 40.9#



#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

Tgt Ion: 56 Resp: 7206
Ion Ratio Lower Upper
56 100
69 155.7 28.7 43.1#
84 131.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.588 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019749.D

Acq: 01 Oct 2024 18:21

Instrument :

MSVOA_Y

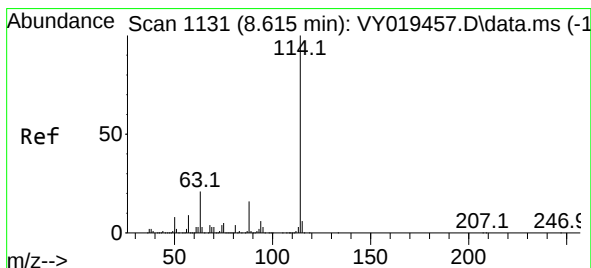
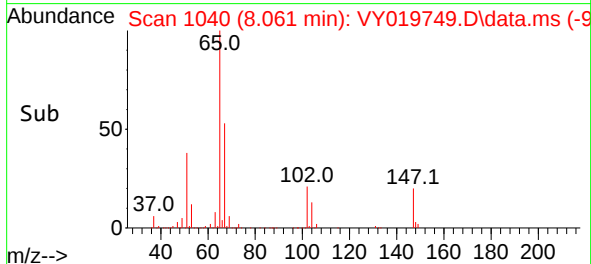
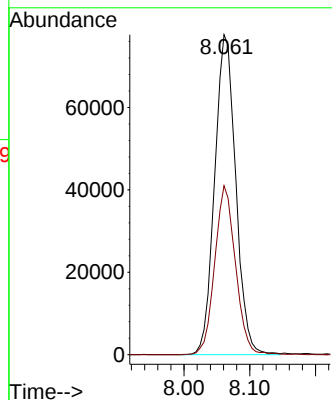
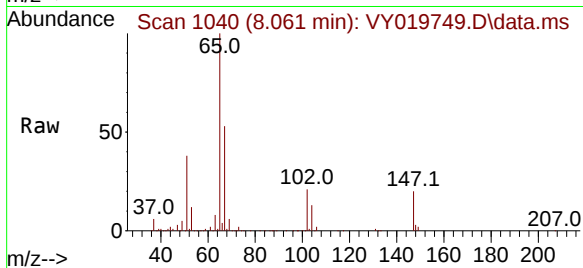
ClientSampleId :

Tgt Ion: 65 Resp: 173599

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019749.D

Acq: 01 Oct 2024 18:21

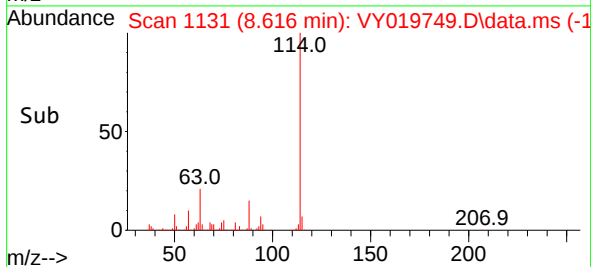
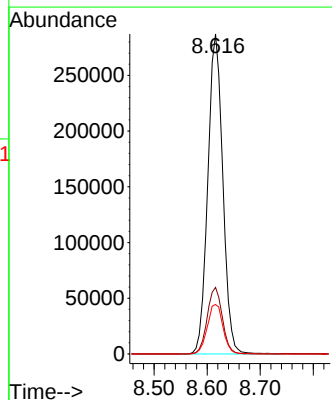
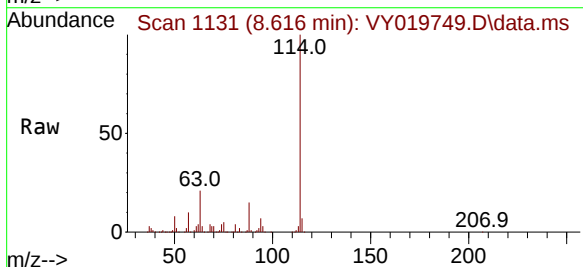
Tgt Ion: 114 Resp: 562697

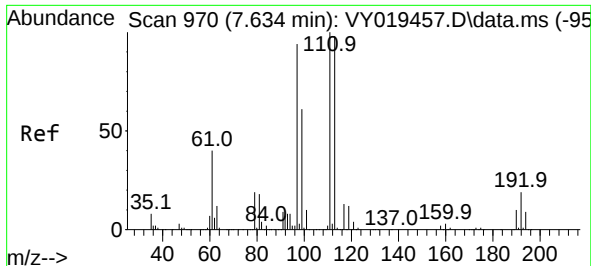
Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

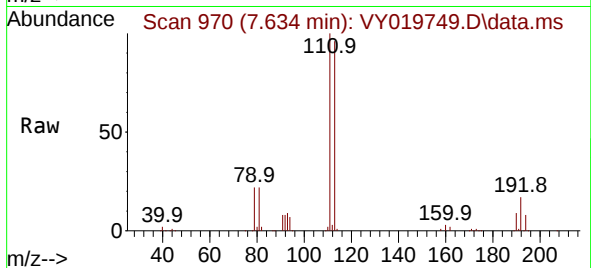
88 15.5 0.0 27.2



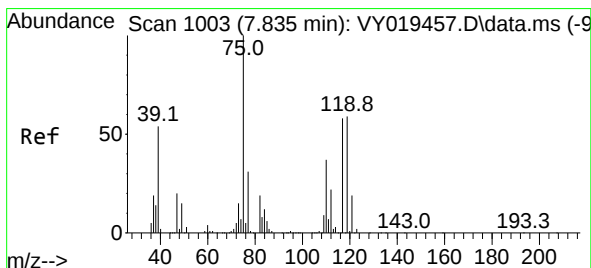
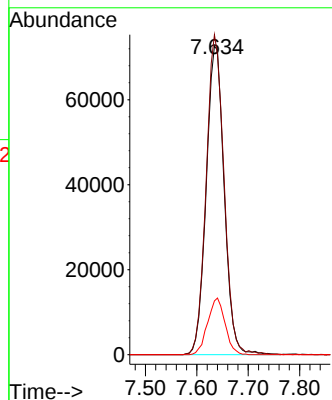
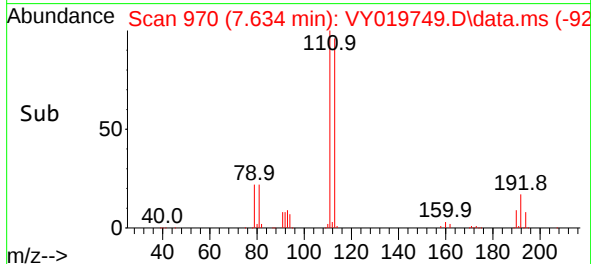


#35
Dibromofluoromethane
Concen: 55.284 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

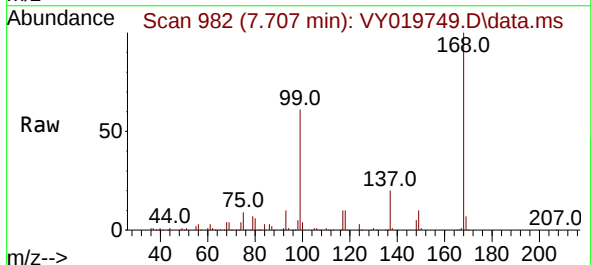
Instrument :
MSVOA_Y
ClientSampleId :



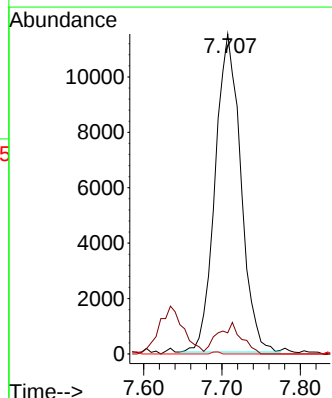
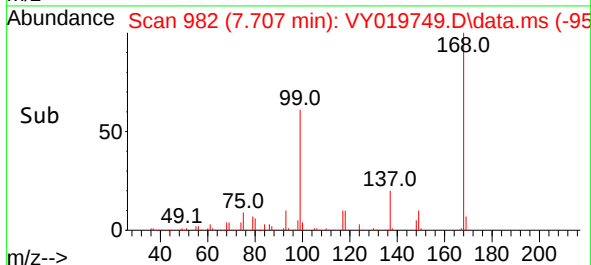
Tgt Ion:113 Resp: 176378
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.8 15.9 23.9

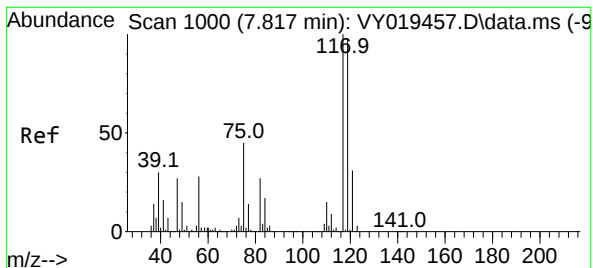


#36
1,1-Dichloropropene
Concen: 6.017 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21



Tgt Ion: 75 Resp: 26121
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.466 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

Lab File: VY019749.D

Acq: 01 Oct 2024 18:21

Instrument :

MSVOA_Y

ClientSampleId :

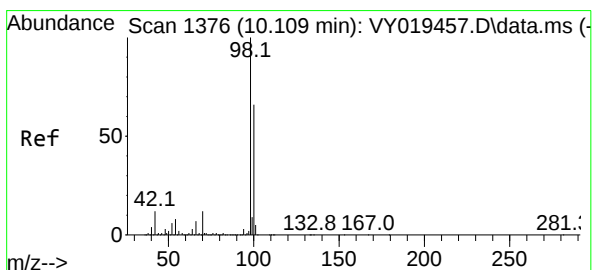
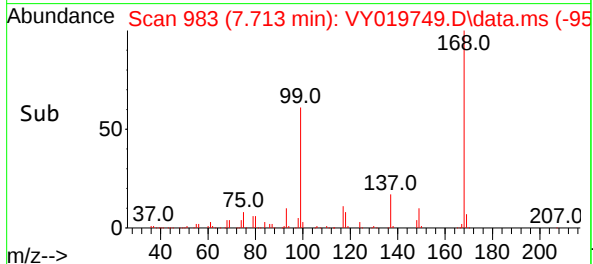
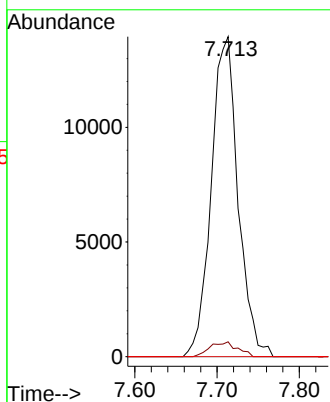
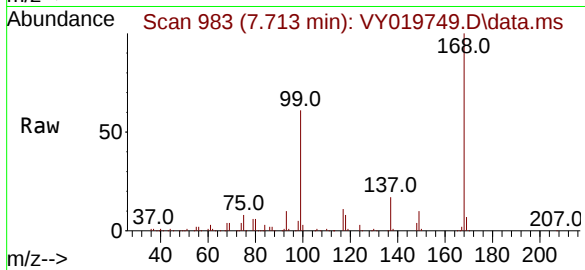
Tgt Ion:117 Resp: 31654

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.452 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019749.D

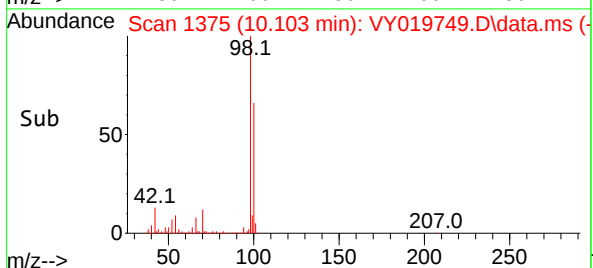
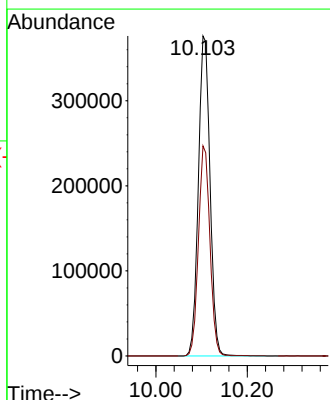
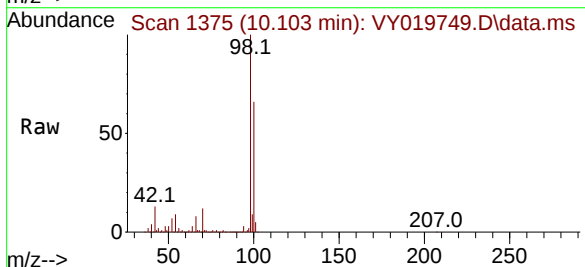
Acq: 01 Oct 2024 18:21

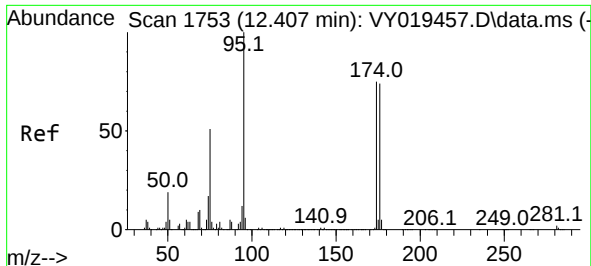
Tgt Ion: 98 Resp: 666164

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

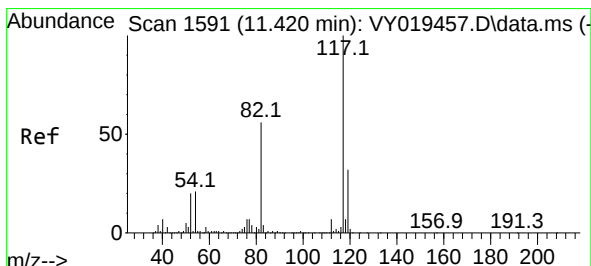
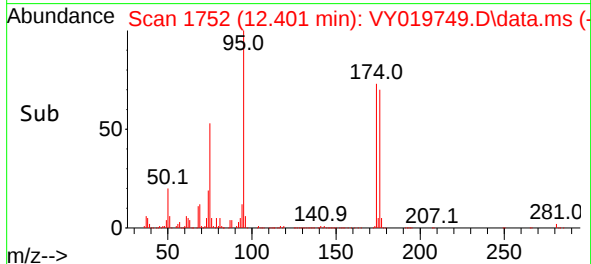
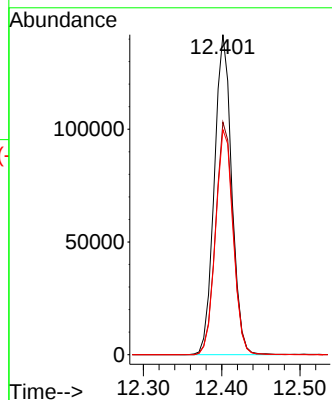
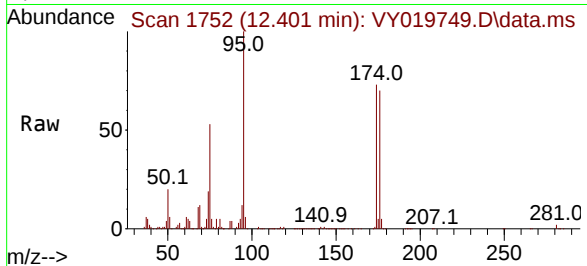




#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

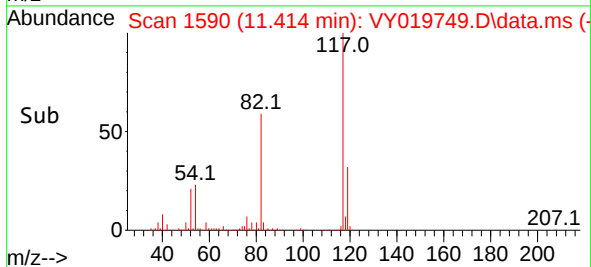
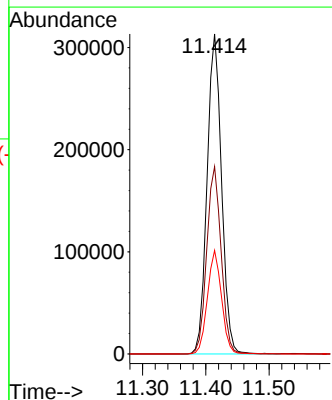
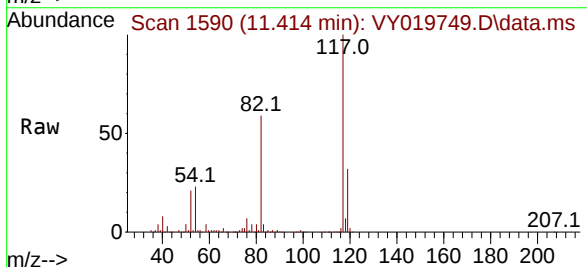
Instrument :
MSVOA_Y
ClientSampleId :

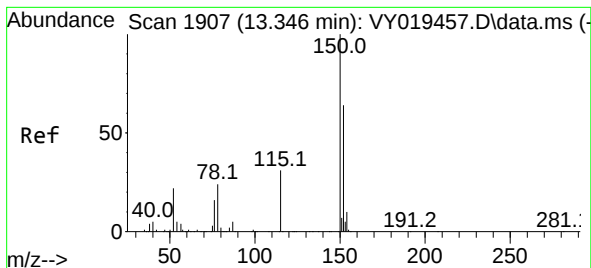
Tgt Ion: 95 Resp: 218834
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 71.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019749.D
Acq: 01 Oct 2024 18:21

Tgt Ion: 117 Resp: 498509
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019749.D

Acq: 01 Oct 2024 18:21

Instrument :

MSVOA_Y

ClientSampleId :

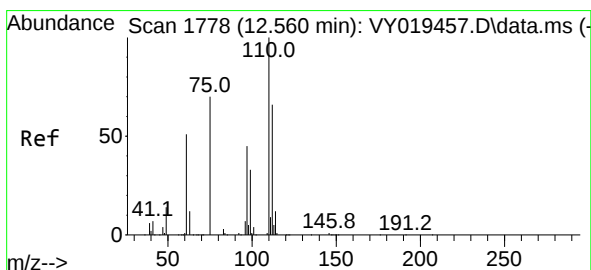
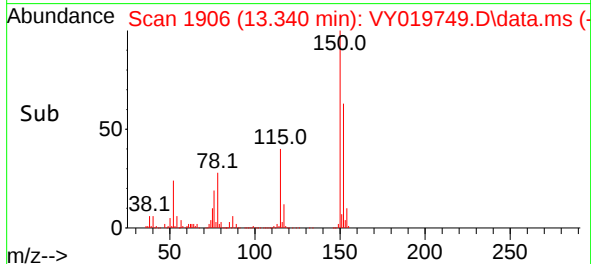
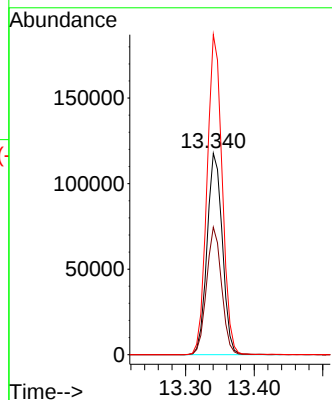
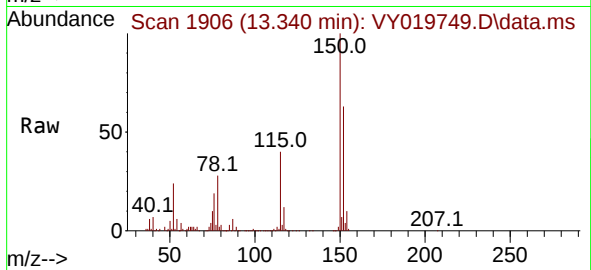
Tgt Ion:152 Resp: 182833

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.331 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019749.D

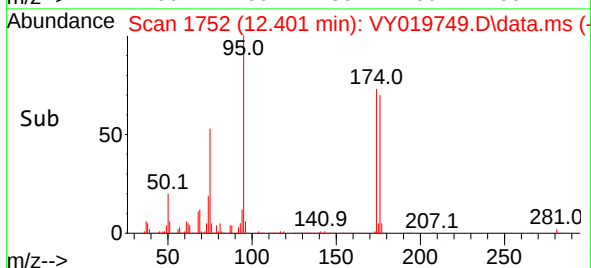
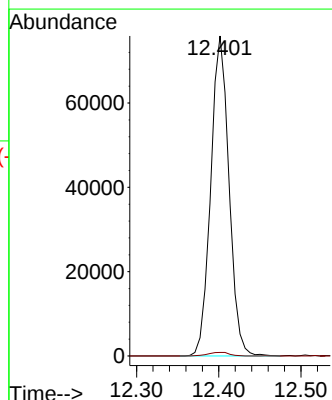
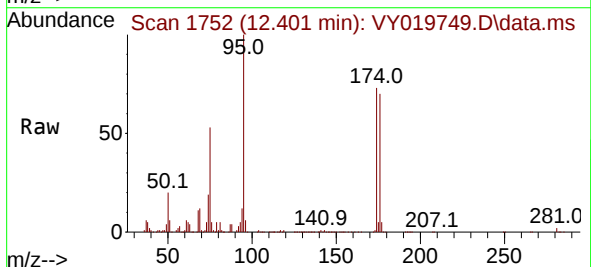
Acq: 01 Oct 2024 18:21

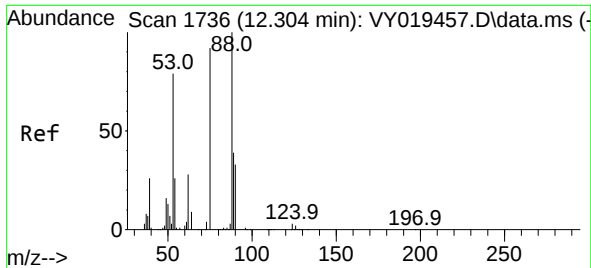
Tgt Ion: 75 Resp: 117097

Ion Ratio Lower Upper

75 100

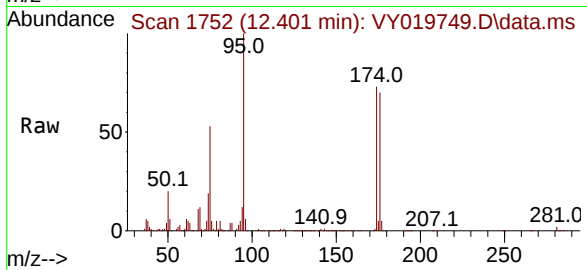
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.175 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019749.D
 Acq: 01 Oct 2024 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 117097
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

