

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019747.D
 Acq On : 01 Oct 2024 17:34
 Operator : SY/MD
 Sample : P4222-03
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:17:28 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)

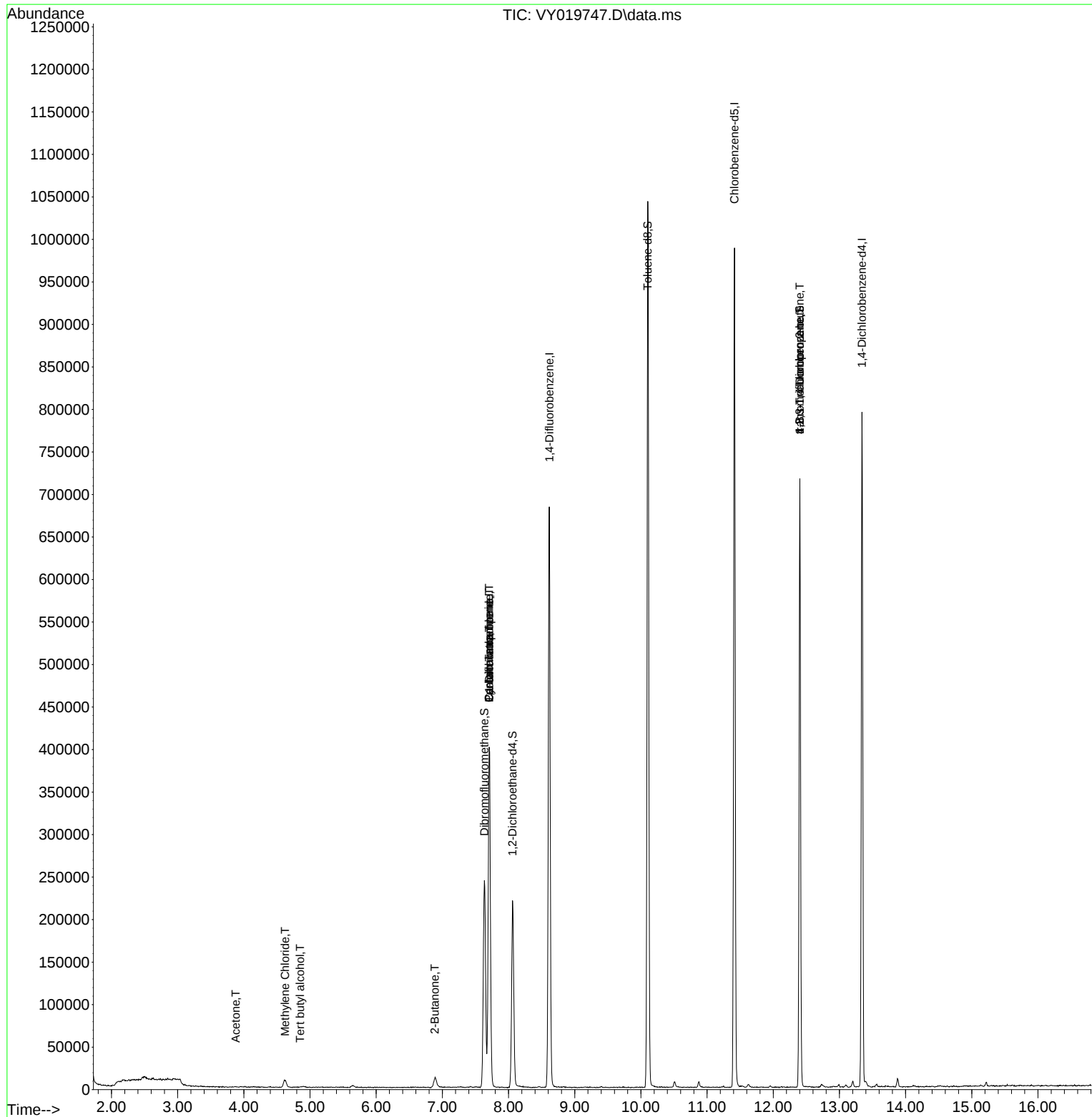
Internal Standards						
1) Pentafluorobenzene	7.707	168	299813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	567094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	500826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	191207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173905	62.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.280%	
35) Dibromofluoromethane	7.634	113	178970	55.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.320%	
50) Toluene-d8	10.103	98	671976	56.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.401	95	222803	48.723	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.111	85	26	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	526	2.346	ug/l	# 88
13) Acrolein	3.653	56	21	Below Cal	#	1
16) Acetone	3.879	43	1297	1.961	ug/l	# 56
20) Methylene Chloride	4.622	84	6383	2.116	ug/l	# 91
25) 2-Butanone	6.884	43	1136	1.208	ug/l	# 41
31) Cyclohexane	7.707	56	7922	1.594	ug/l	# 41
36) 1,1-Dichloropropene	7.707	75	26467	6.049	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	32227	6.532	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	119445	66.648	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	119445	127.946	ug/l	# 16

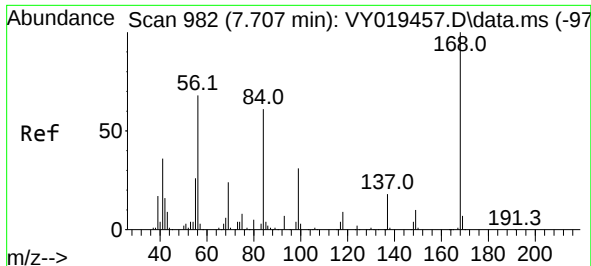
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

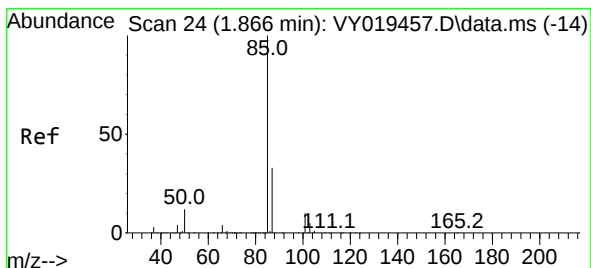
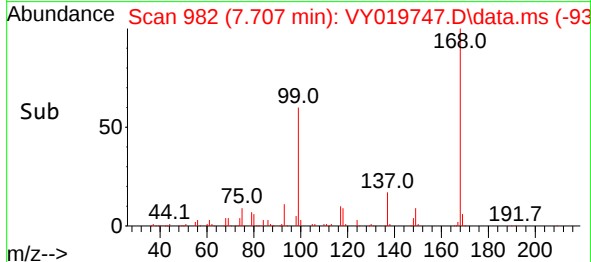
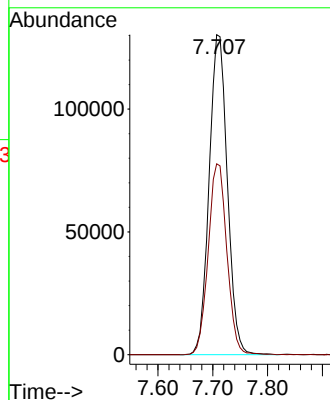
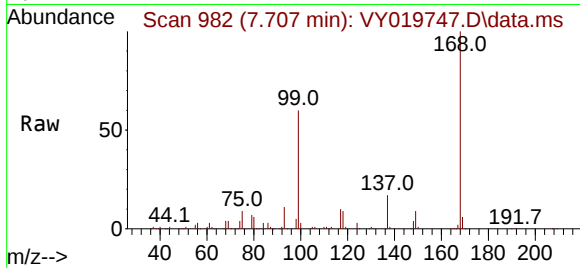




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

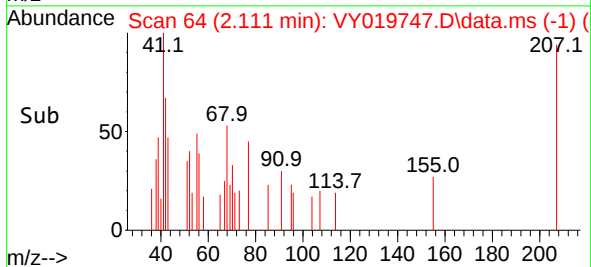
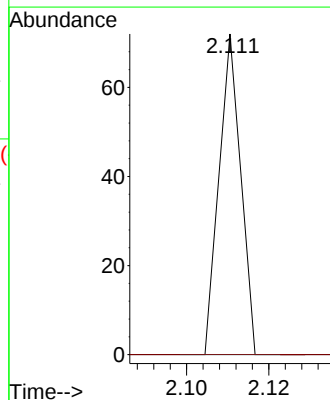
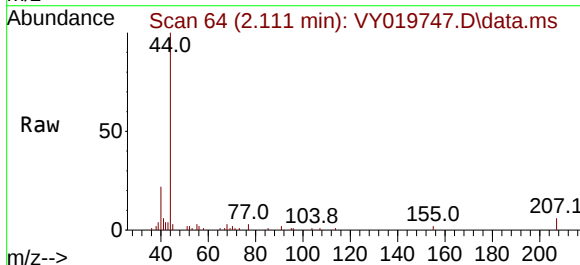
Instrument :
MSVOA_Y
ClientSampleId :

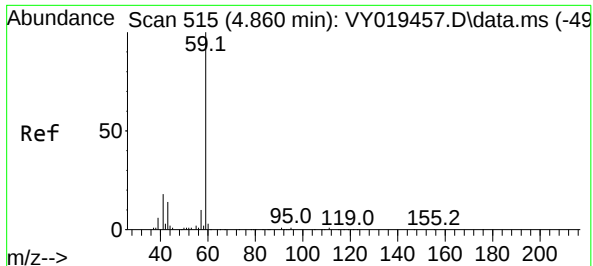
Tgt Ion:168 Resp: 299813
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.111 min Scan# 64
Delta R.T. 0.245 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 2.346 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

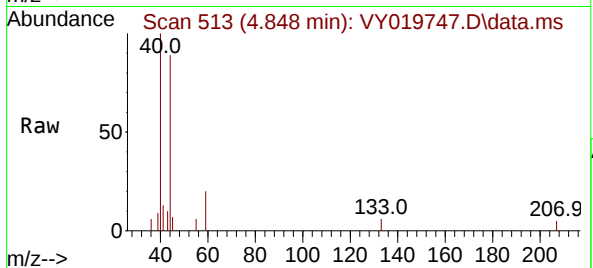
Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

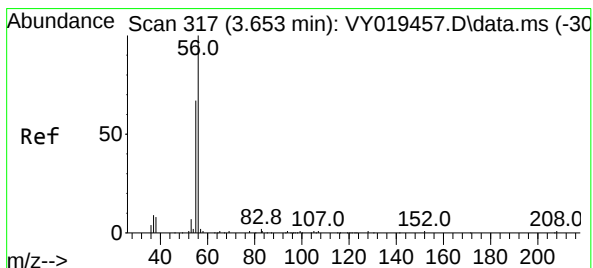
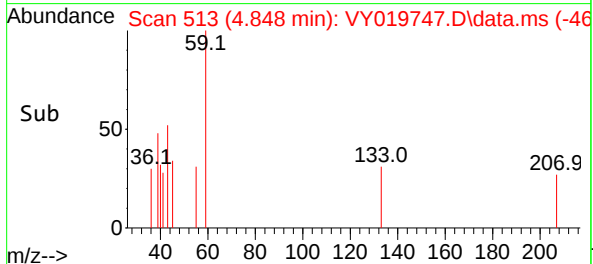
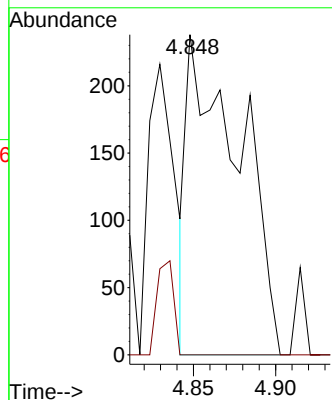


Tgt Ion: 59 Resp: 526

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019747.D

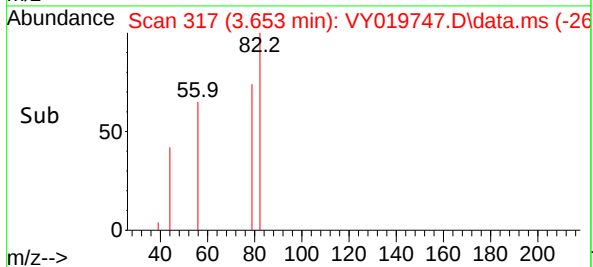
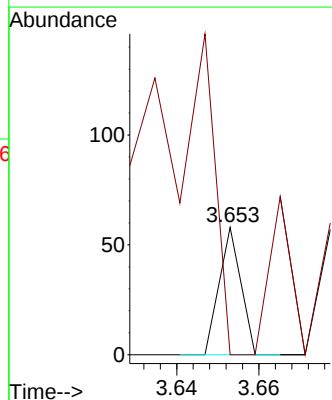
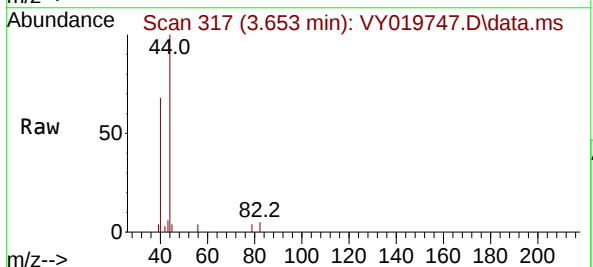
Acq: 01 Oct 2024 17:34

Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 857.1 55.7 83.5#

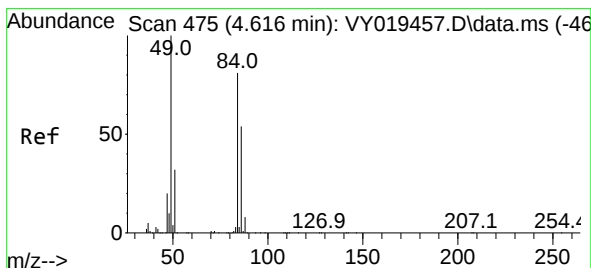
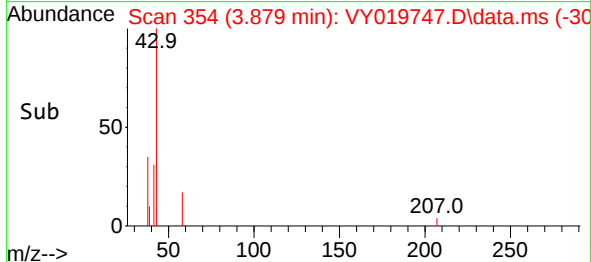
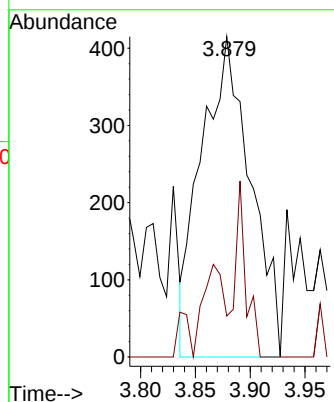
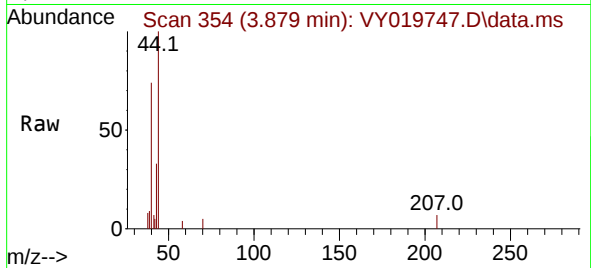




#16
Acetone
Concen: 1.961 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

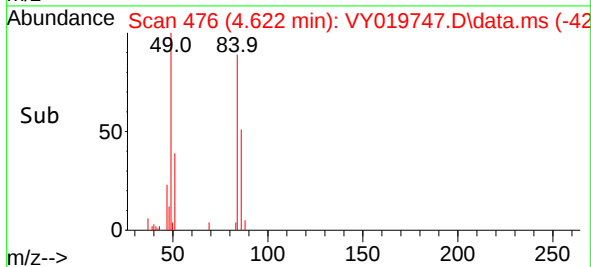
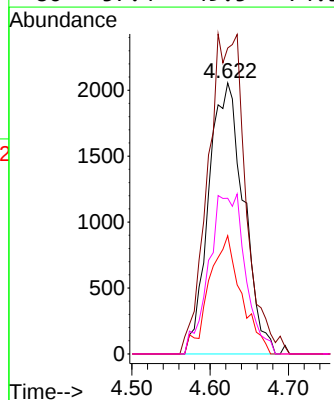
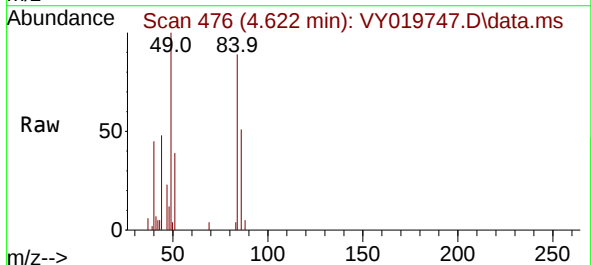
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 12.8 31.7 47.5#



#20
Methylene Chloride
Concen: 2.116 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

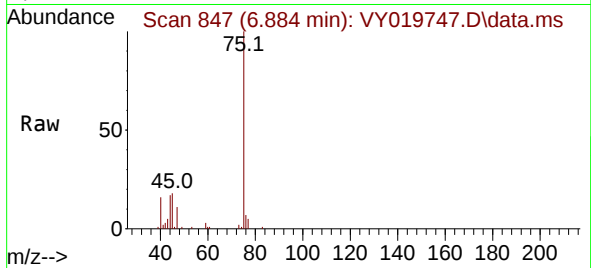
Tgt Ion: 84 Resp: 6383
Ion Ratio Lower Upper
84 100
49 112.8 84.4 126.6
51 43.6 26.0 39.0#
86 57.4 49.5 74.3



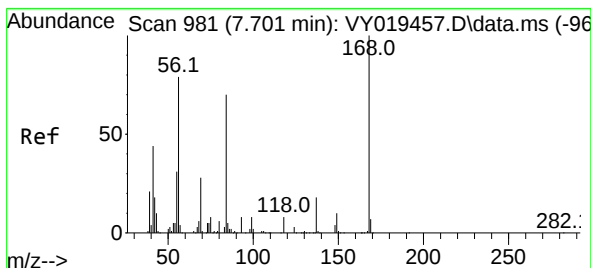
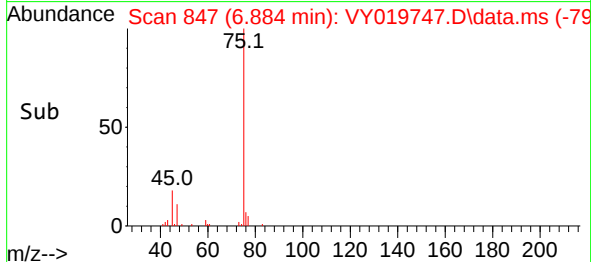
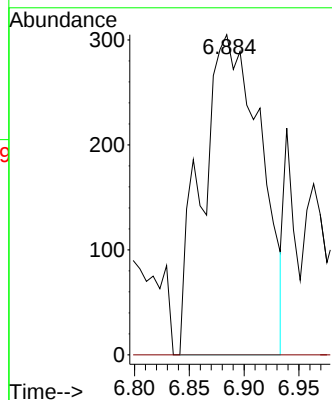


#25
2-Butanone
Concen: 1.208 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :

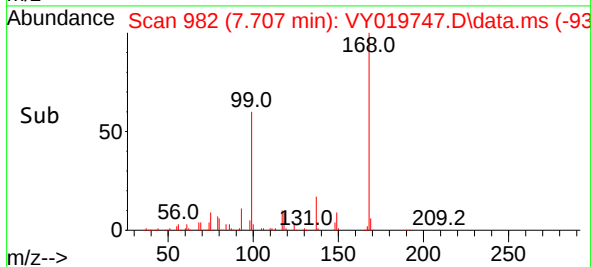
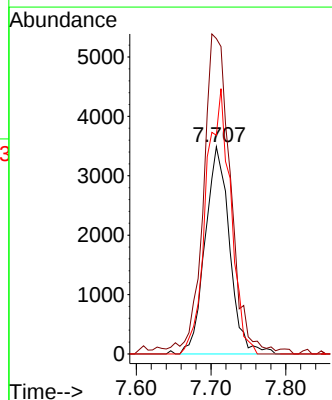
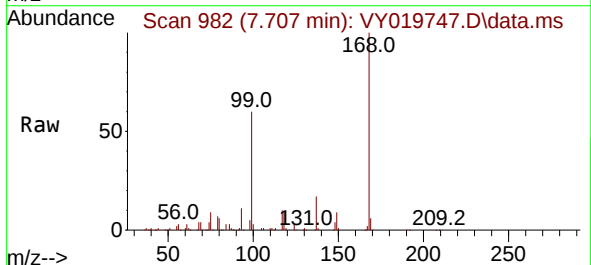


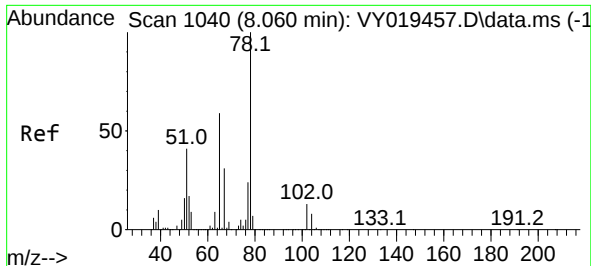
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.594 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion: 56 Resp: 7922
Ion Ratio Lower Upper
56 100
69 149.9 28.7 43.1#
84 105.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 62.641 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

Instrument :

MSVOA_Y

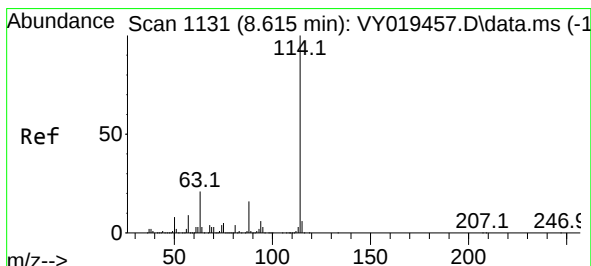
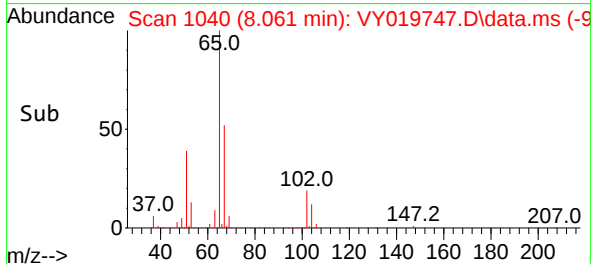
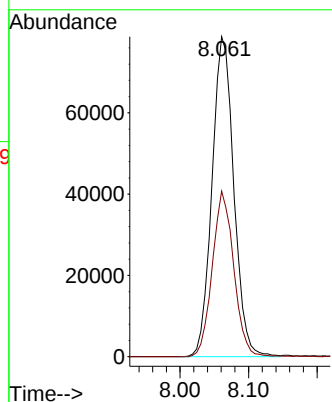
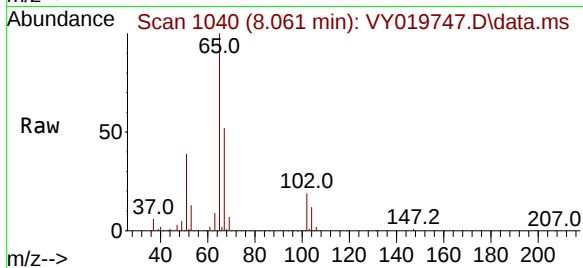
ClientSampleId :

Tgt Ion: 65 Resp: 173905

Ion Ratio Lower Upper

65 100

67 50.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

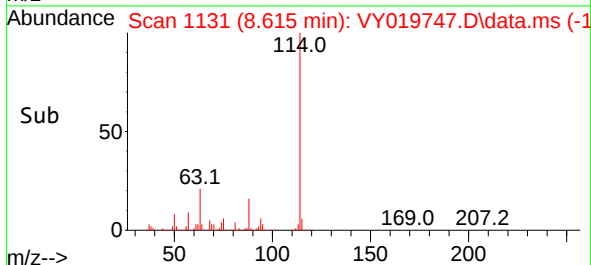
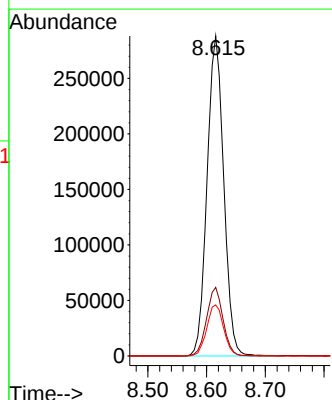
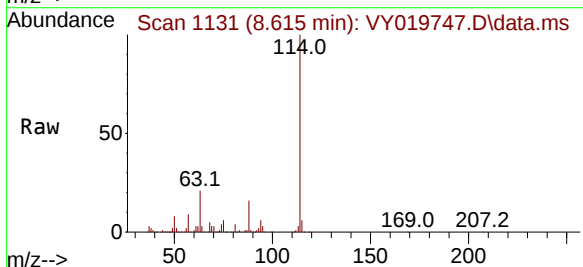
Tgt Ion: 114 Resp: 567094

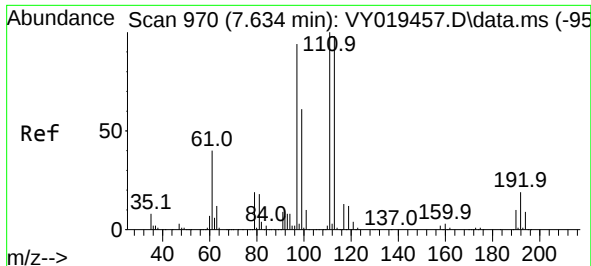
Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.0

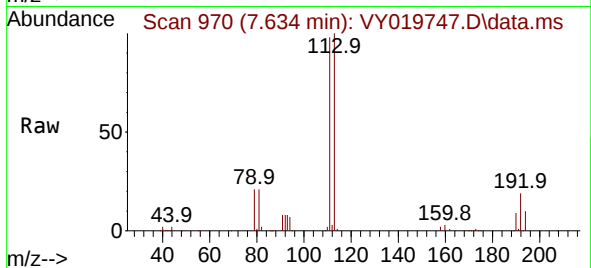
88 16.0 0.0 27.2



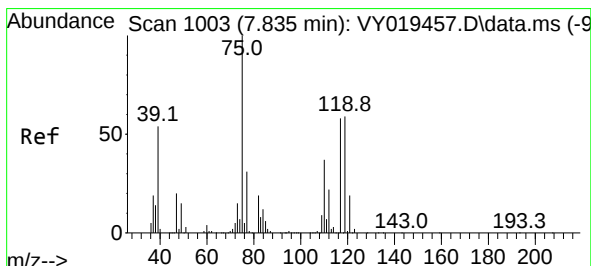
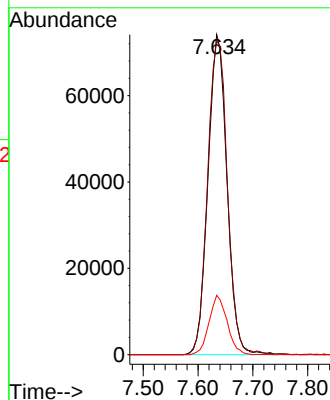
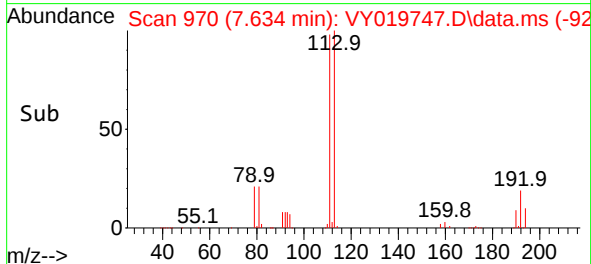


#35
Dibromofluoromethane
Concen: 55.662 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

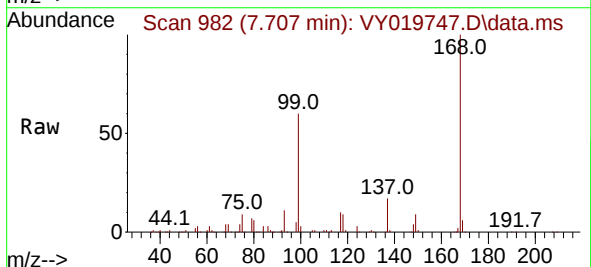
Instrument :
MSVOA_Y
ClientSampleId :



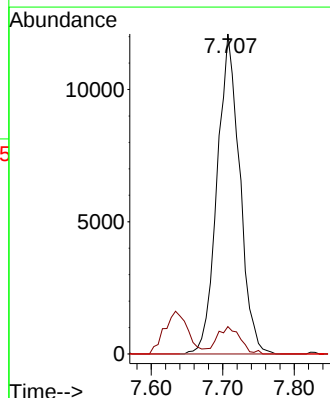
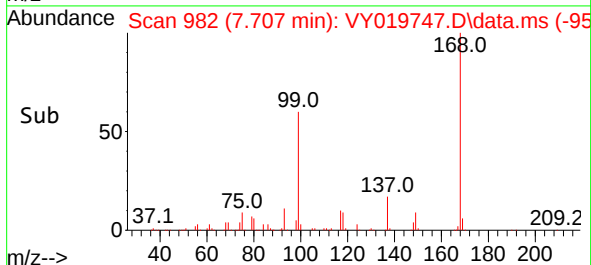
Tgt Ion:113 Resp: 178970
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.6 15.9 23.9

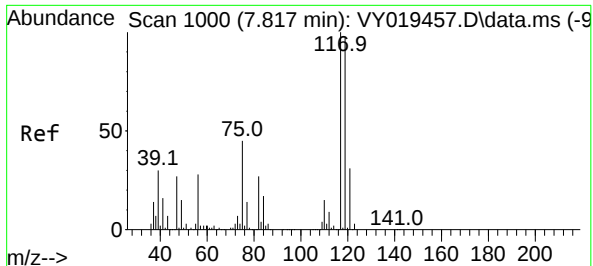


#36
1,1-Dichloropropene
Concen: 6.049 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34



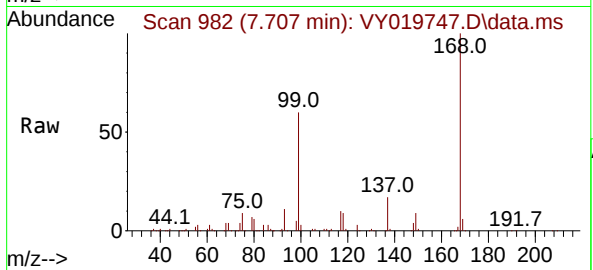
Tgt Ion: 75 Resp: 26467
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



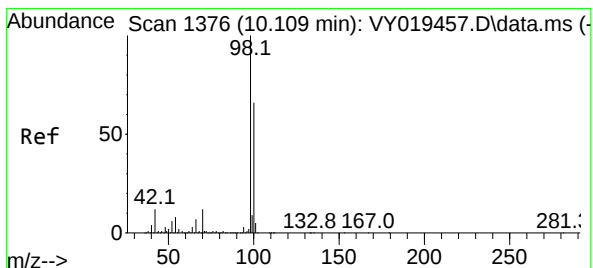
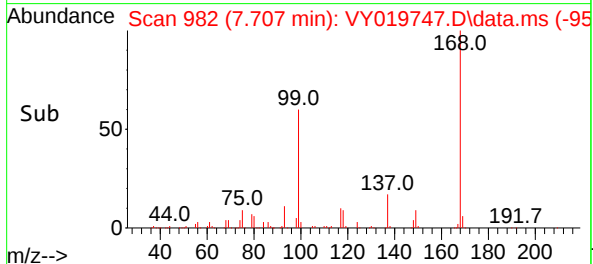
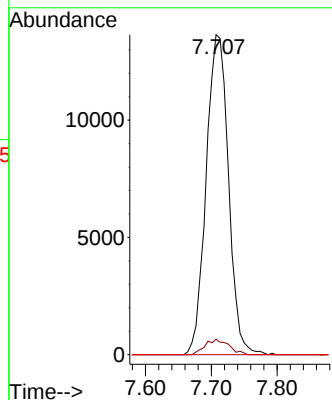


#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :

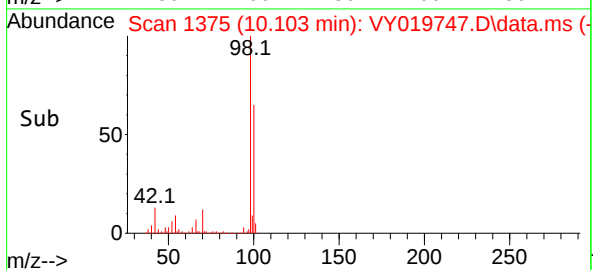
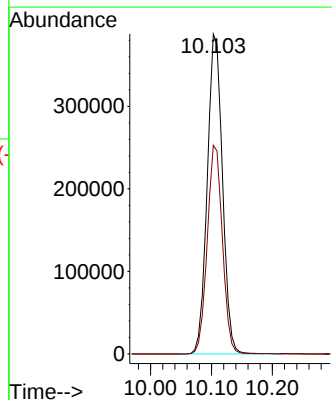
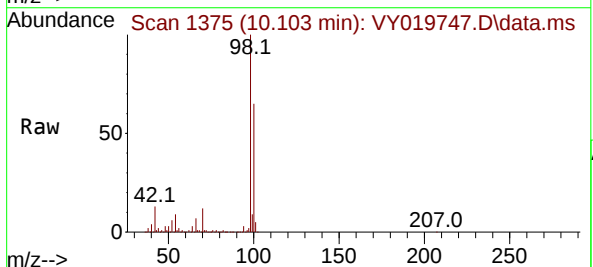


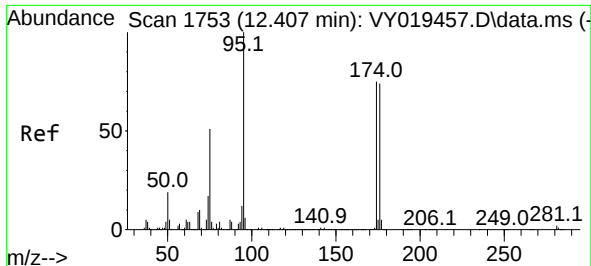
Tgt Ion:117 Resp: 32227
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.503 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion: 98 Resp: 671976
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

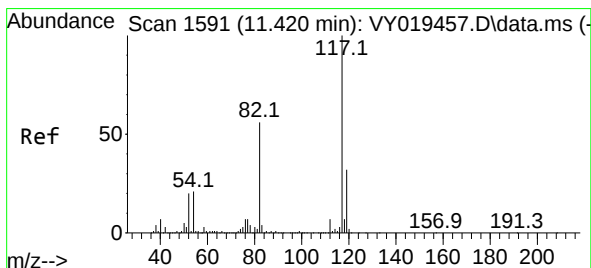
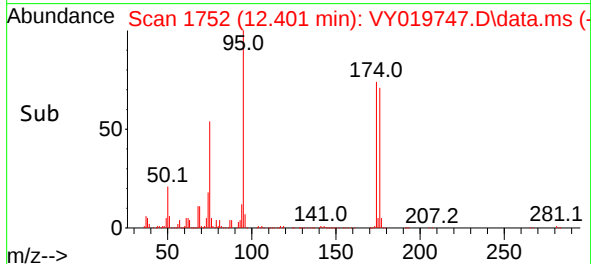
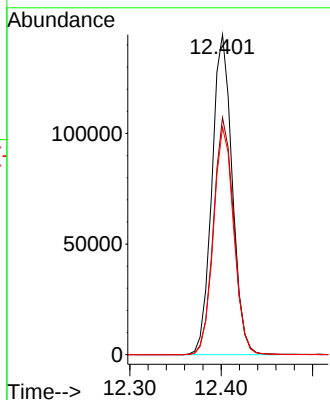
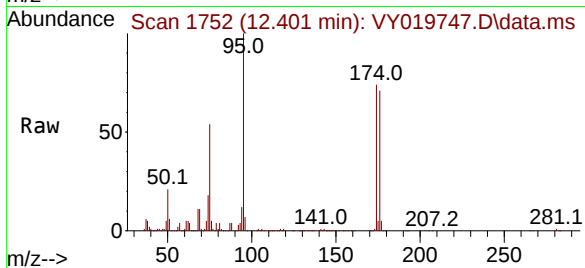




#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

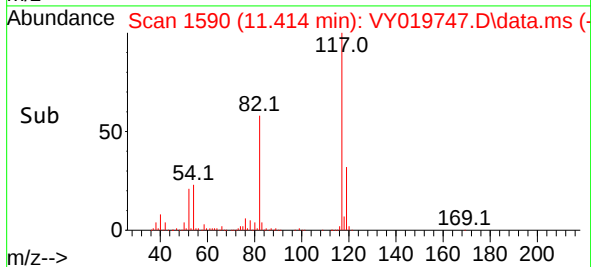
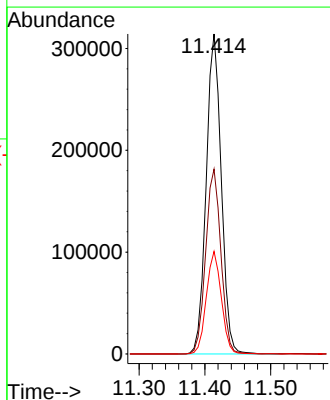
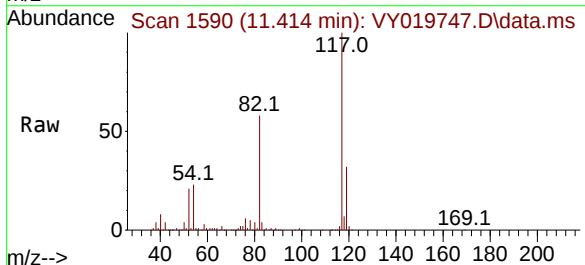
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MSVOA_Y
ClientSampleId :

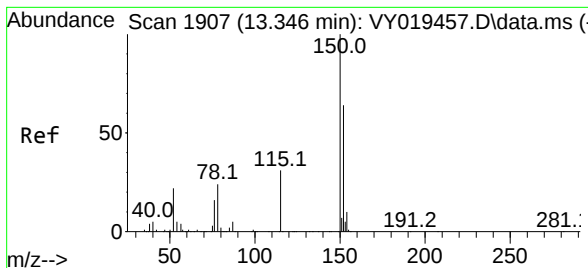
Tgt Ion: 95 Resp: 222803
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion: 117 Resp: 500826
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.0 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: VY019747.D

Acq: 01 Oct 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

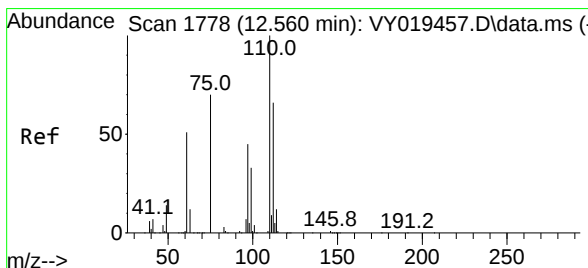
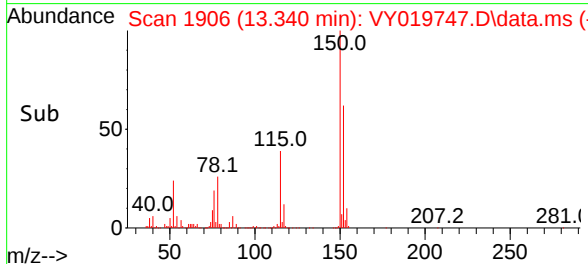
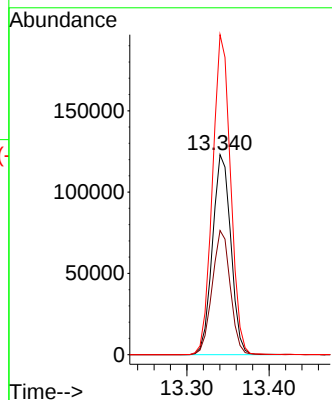
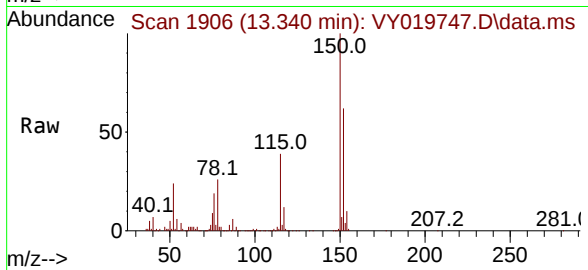
Tgt Ion:152 Resp: 191207

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 156.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.648 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019747.D

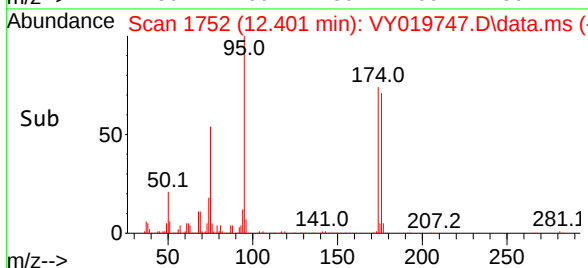
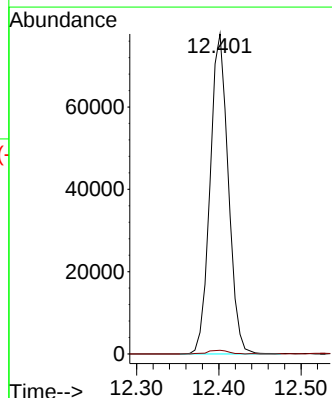
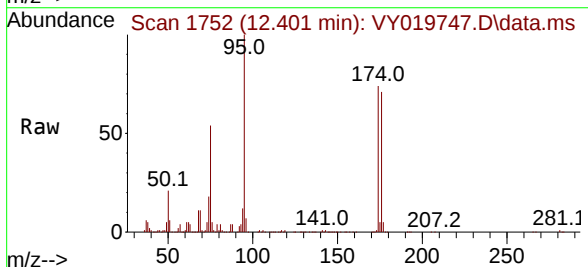
Acq: 01 Oct 2024 17:34

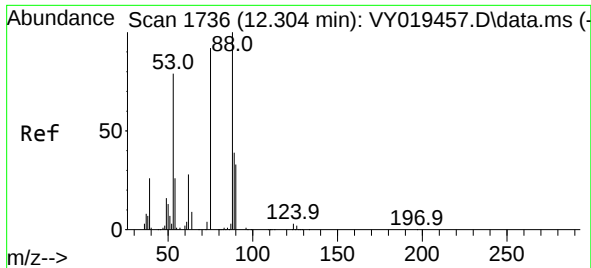
Tgt Ion: 75 Resp: 119445

Ion Ratio Lower Upper

75 100

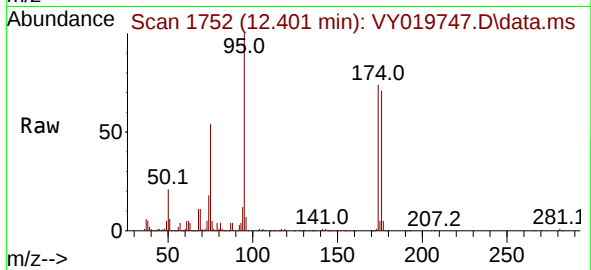
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.946 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019747.D
 Acq: 01 Oct 2024 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 119445
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

