

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019625.D
 Acq On : 19 Sep 2024 11:40
 Operator : SY/MD
 Sample : P4023-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:27:18 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)

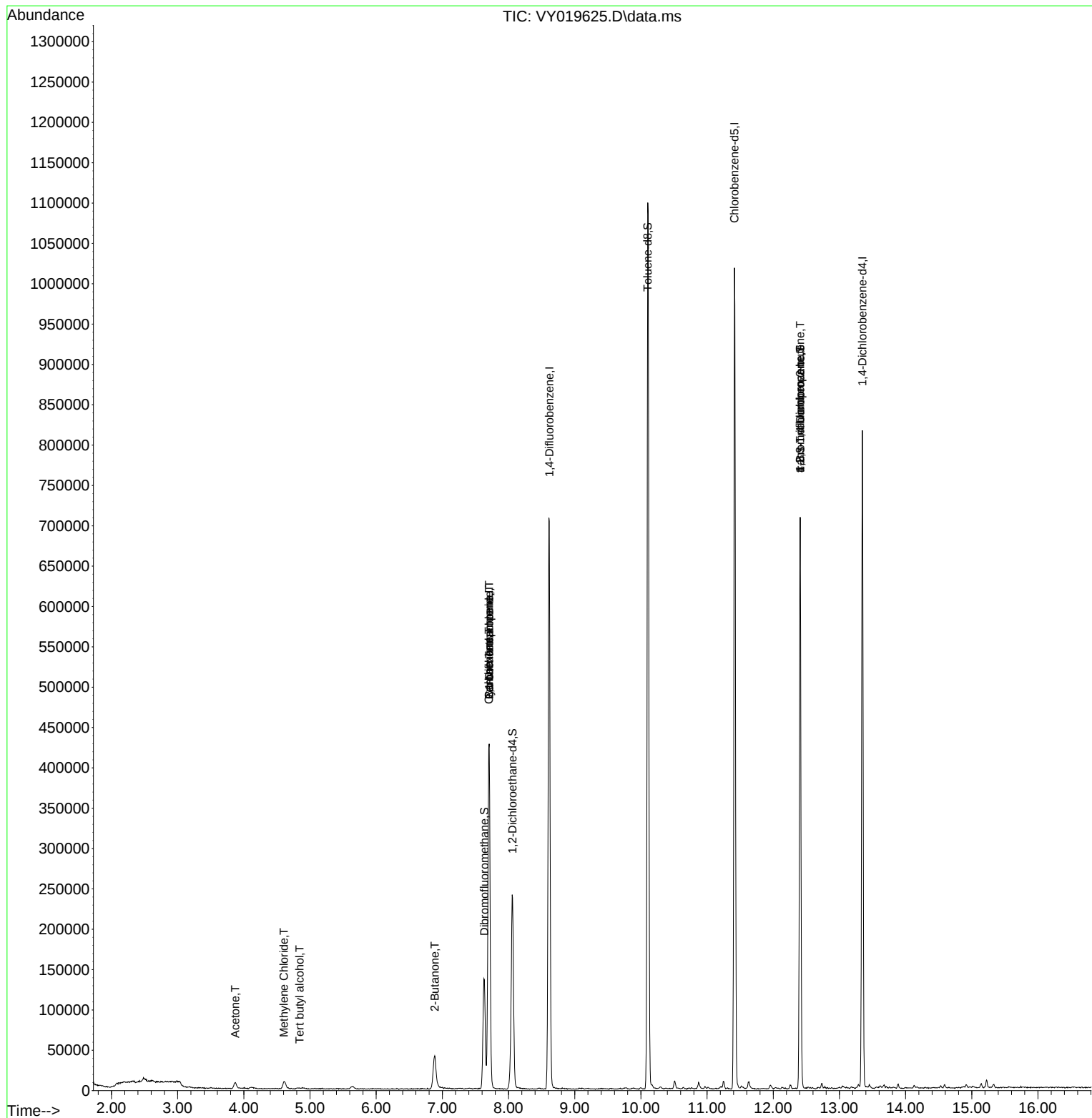
Internal Standards						
1) Pentafluorobenzene	7.707	168	318534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	602602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183042	62.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.120%	
35) Dibromofluoromethane	7.634	113	99786	29.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 58.420%	
50) Toluene-d8	10.103	98	714505	56.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.080%	
62) 4-Bromofluorobenzene	12.408	95	223384	45.972	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	263	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	1406	5.903	ug/l	# 88
13) Acrolein	3.659	56	28	Below Cal	#	1
16) Acetone	3.873	43	13582	19.329	ug/l	# 86
20) Methylene Chloride	4.604	84	7010	2.187	ug/l	# 94
25) 2-Butanone	6.884	43	4524	4.527	ug/l	# 59
31) Cyclohexane	7.701	56	8034	1.522	ug/l	# 15
36) 1,1-Dichloropropene	7.707	75	27933	6.008	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	34592	6.598	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	121755	68.107	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	121755	130.746	ug/l	# 16

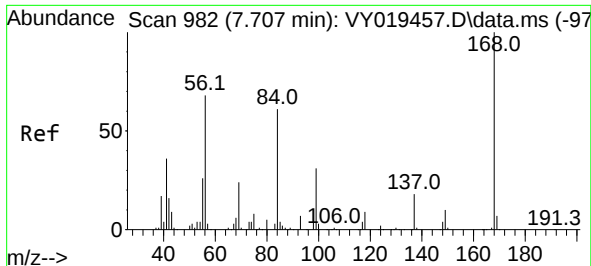
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

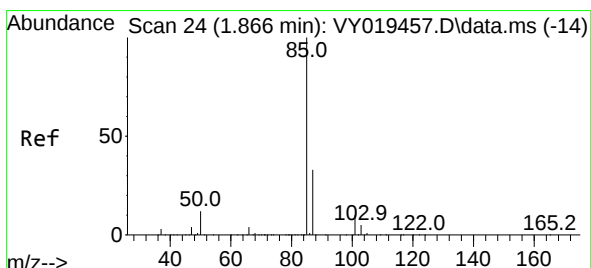
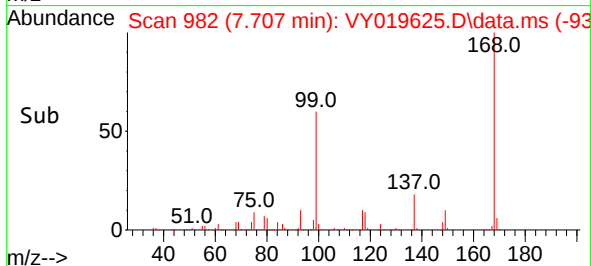
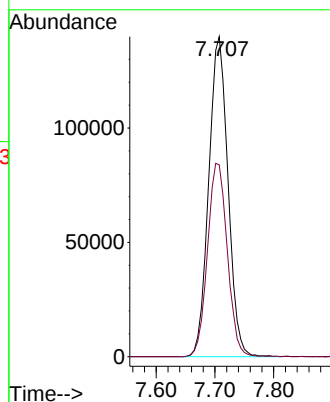
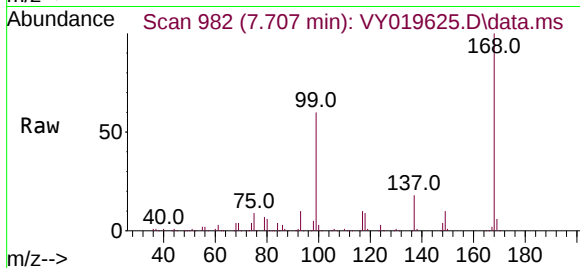




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

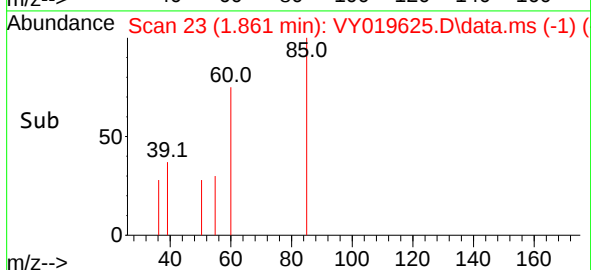
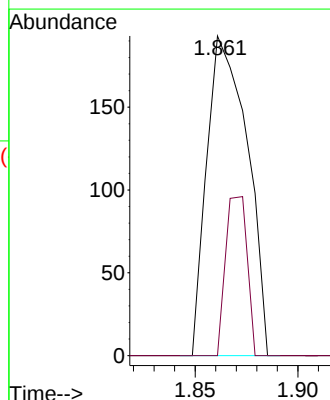
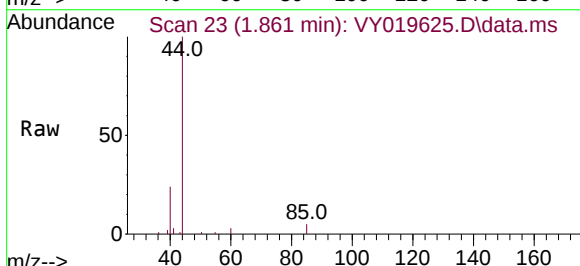
Instrument :
MSVOA_Y
ClientSampleId :

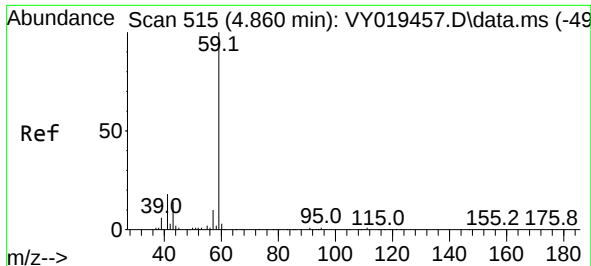
Tgt Ion:168 Resp: 318534
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 85 Resp: 263
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 5.903 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

Instrument :

MSVOA_Y

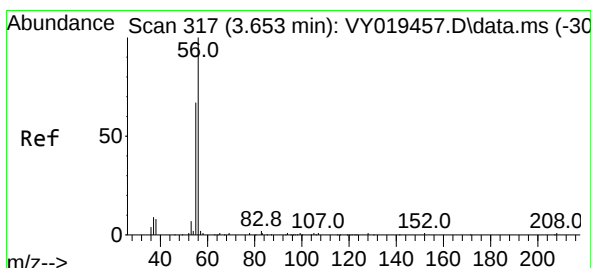
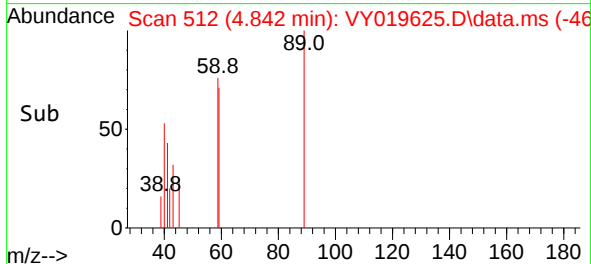
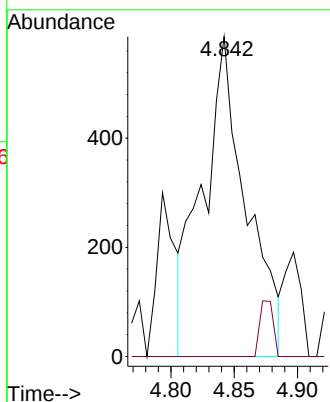
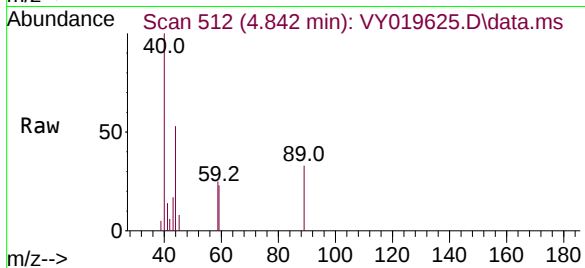
ClientSampleId :

Tgt Ion: 59 Resp: 1406

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019625.D

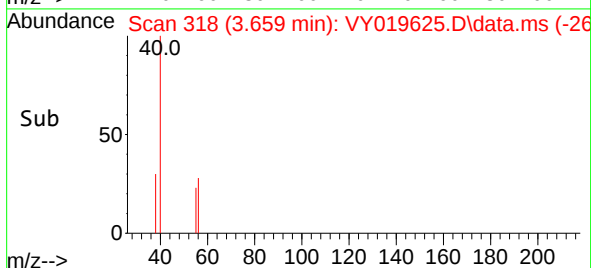
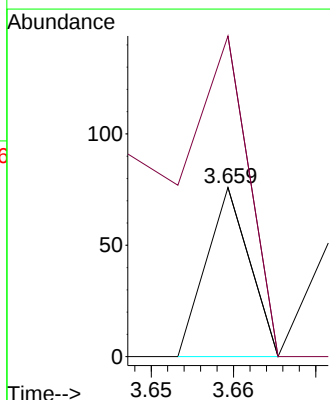
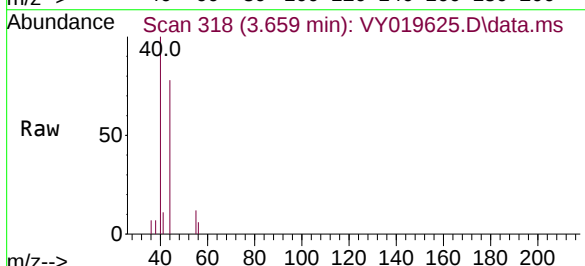
Acq: 19 Sep 2024 11:40

Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

56 100

55 410.7 55.7 83.5#

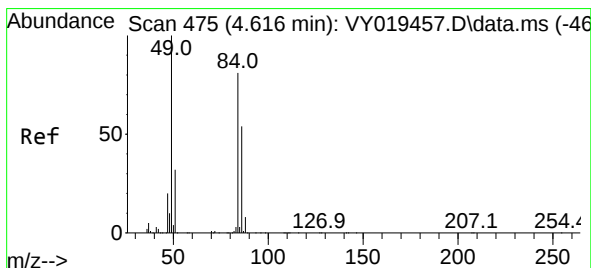
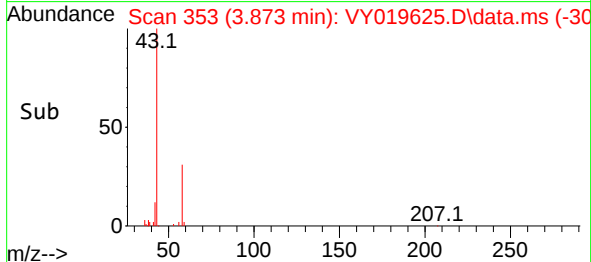
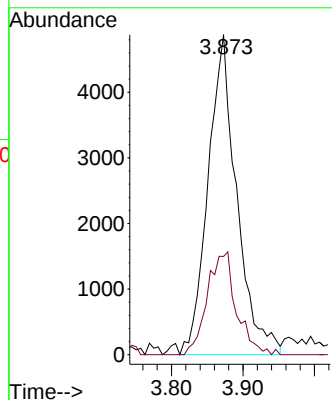
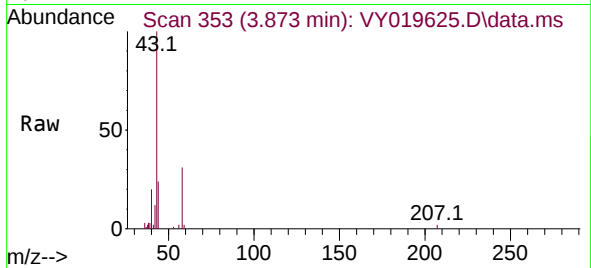




#16
Acetone
Concen: 19.329 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

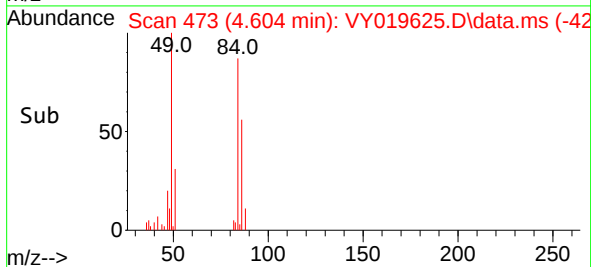
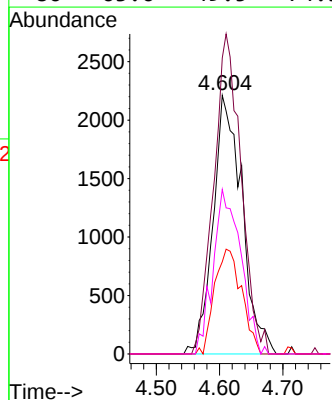
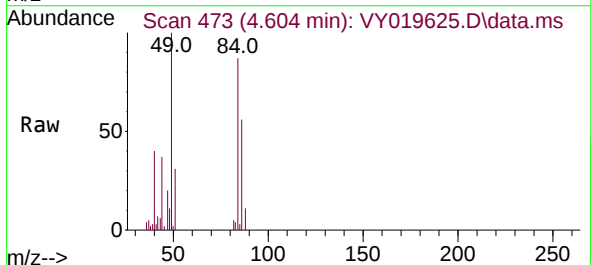
Instrument :
MSVOA_Y
ClientSampleId :

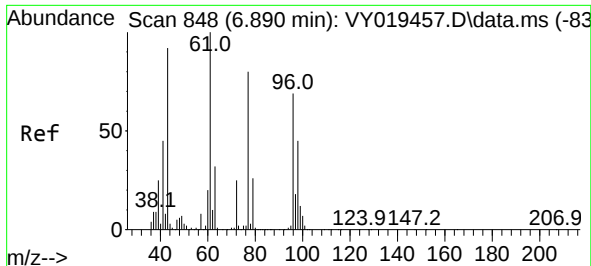
Tgt Ion: 43 Resp: 13582
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#



#20
Methylene Chloride
Concen: 2.187 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 84 Resp: 7010
Ion Ratio Lower Upper
84 100
49 114.5 84.4 126.6
51 35.6 26.0 39.0
86 63.6 49.5 74.3

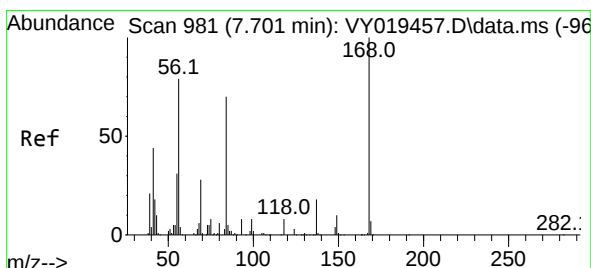
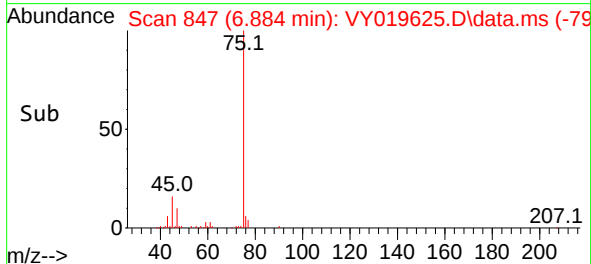
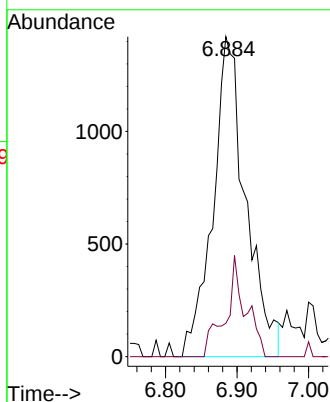
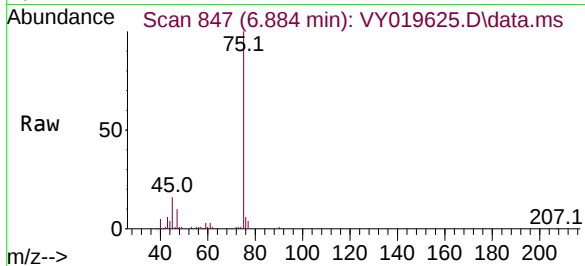




#25
2-Butanone
Concen: 4.527 ug/l
RT: 6.884 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

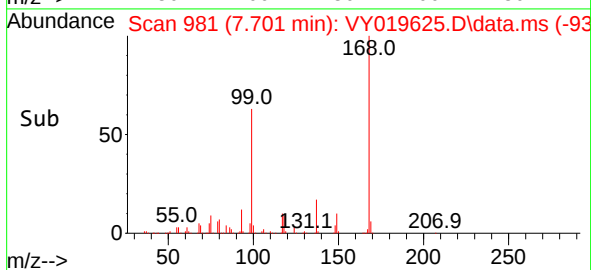
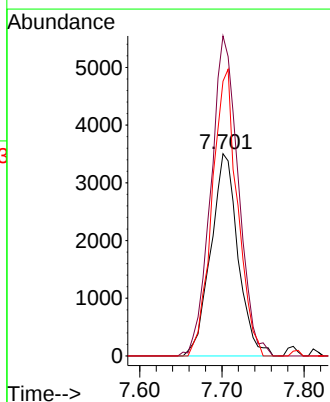
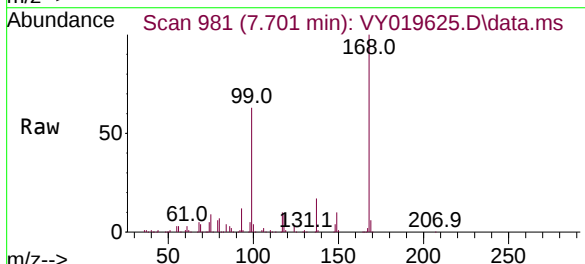
Instrument :
MSVOA_Y
ClientSampleId :

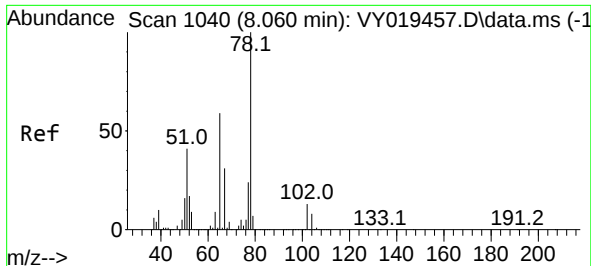
Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
72 10.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 56 Resp: 8034
Ion Ratio Lower Upper
56 100
69 158.2 28.7 43.1#
84 135.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.058 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019625.D

Acq: 19 Sep 2024 11:40

Instrument :

MSVOA_Y

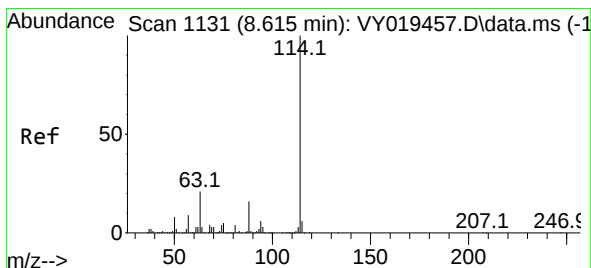
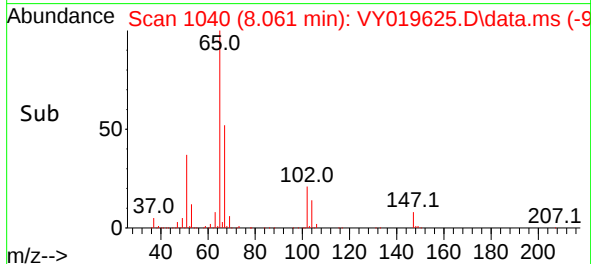
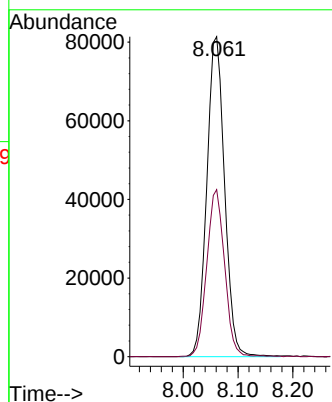
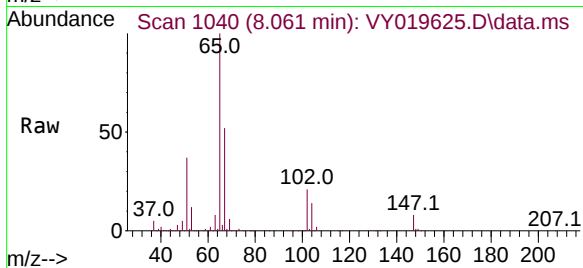
ClientSampleId :

Tgt Ion: 65 Resp: 183042

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019625.D

Acq: 19 Sep 2024 11:40

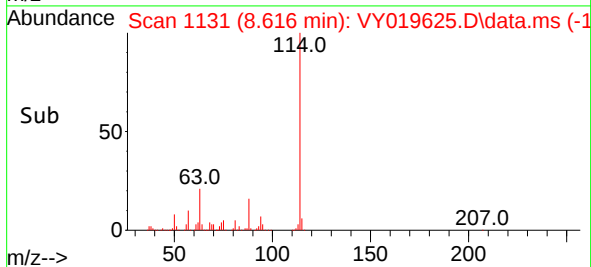
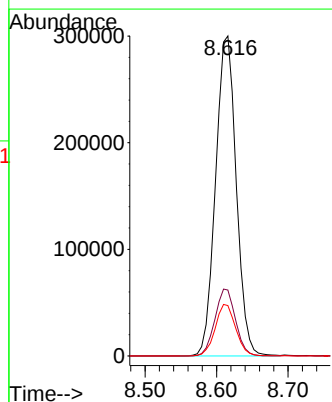
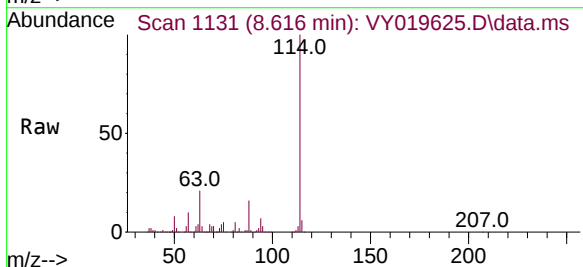
Tgt Ion: 114 Resp: 602602

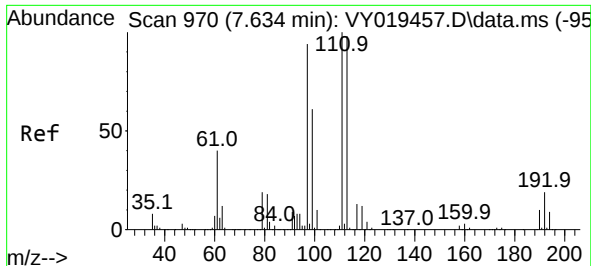
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

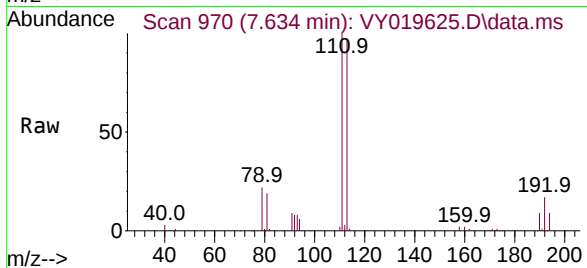
88 15.7 0.0 27.2



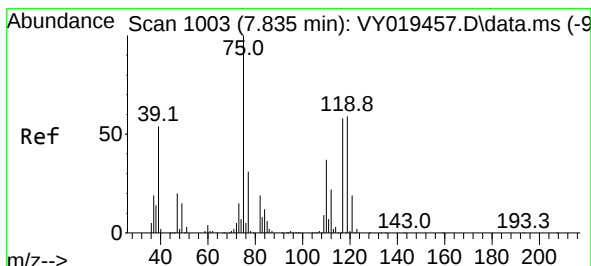
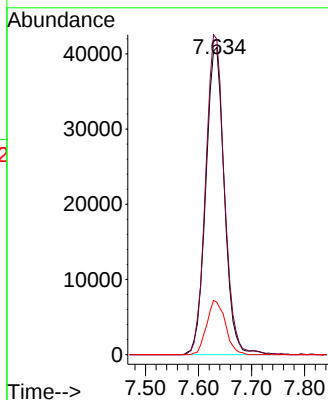
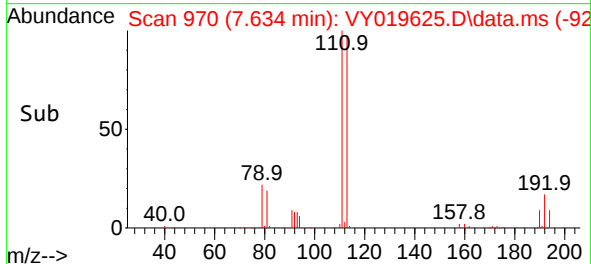


#35
Dibromofluoromethane
Concen: 29.206 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

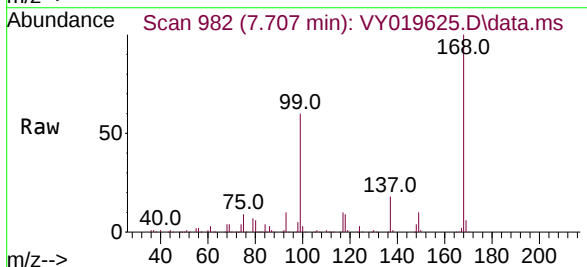
Instrument :
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ClientSampleId :



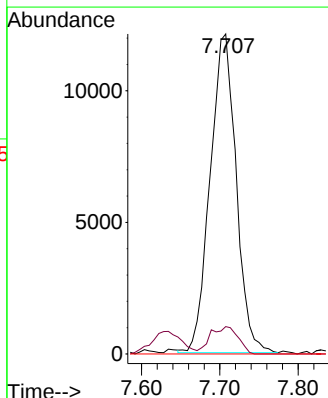
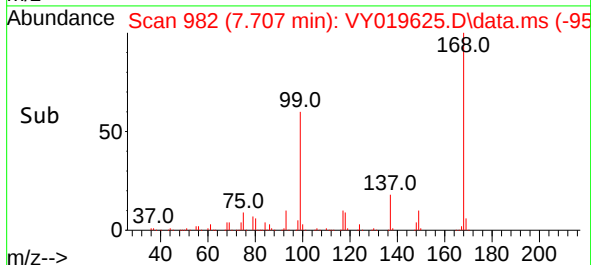
Tgt Ion:113 Resp: 99786
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 17.7 15.9 23.9

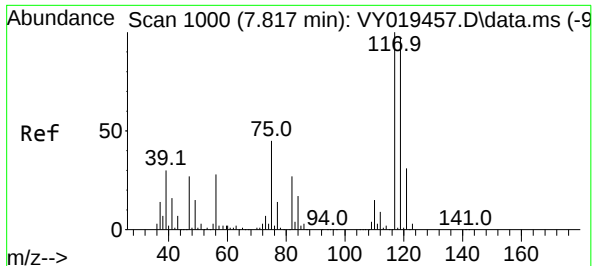


#36
1,1-Dichloropropene
Concen: 6.008 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40



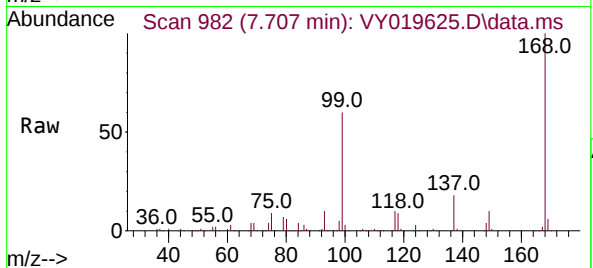
Tgt Ion: 75 Resp: 27933
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



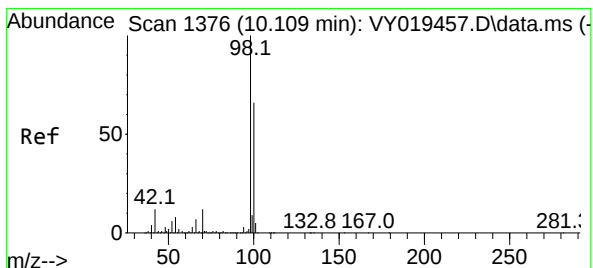
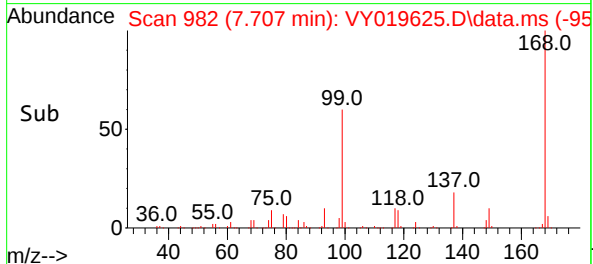
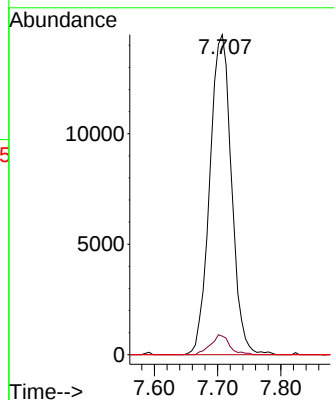


#38
Carbon Tetrachloride
Concen: 6.598 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Instrument :
MSVOA_Y
ClientSampleId :

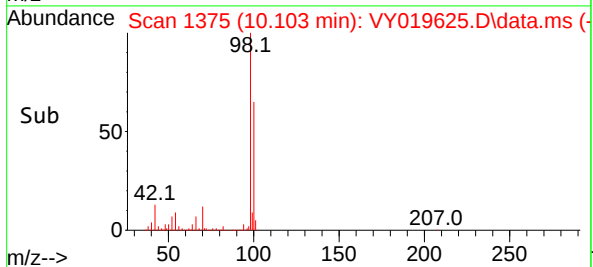
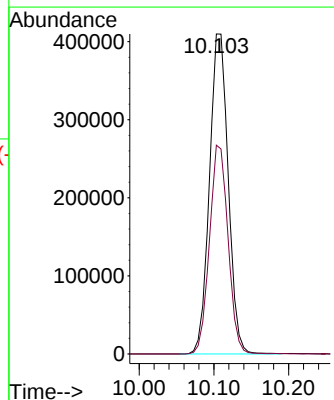
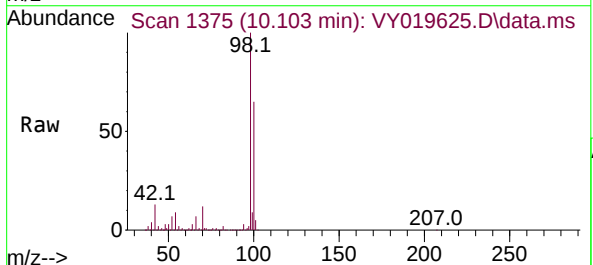


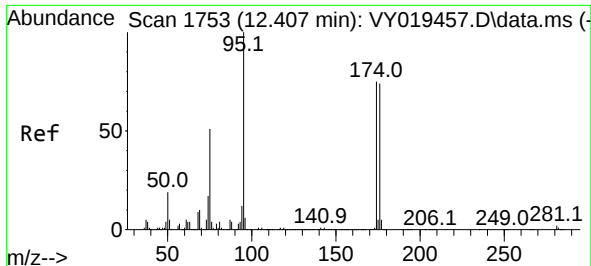
Tgt Ion:117 Resp: 34592
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.539 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 98 Resp: 714505
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

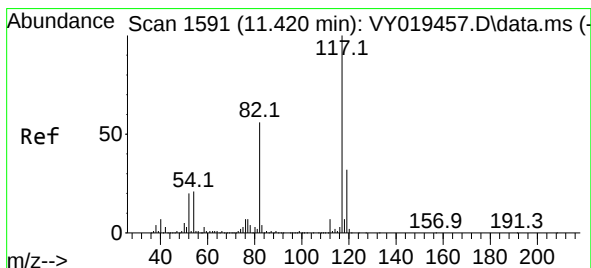
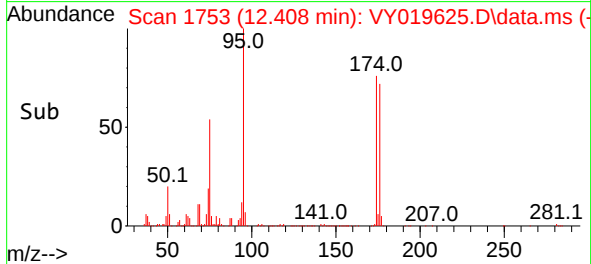
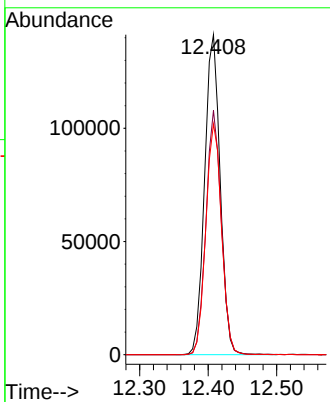
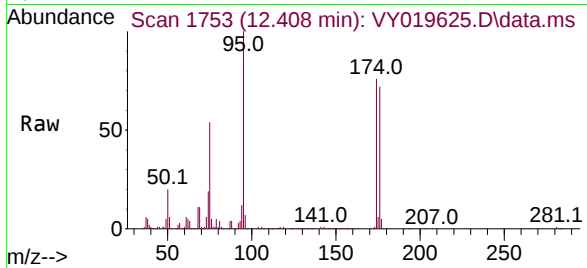




#62
4-Bromofluorobenzene
Concen: 45.972 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

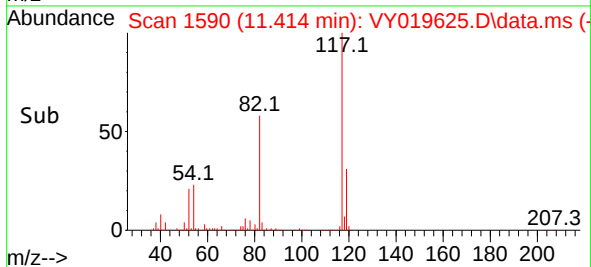
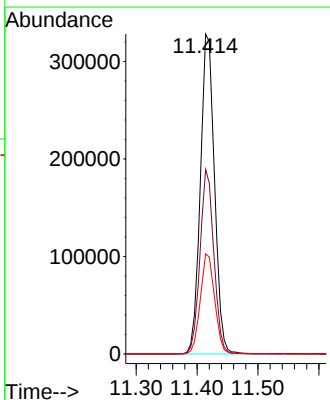
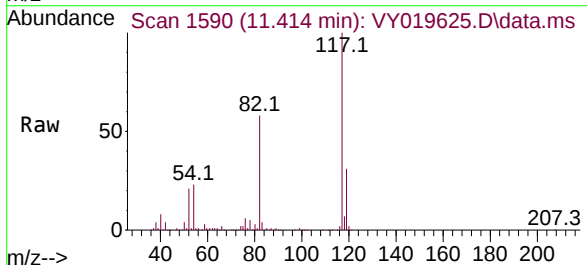
Instrument :
MSVOA_Y
ClientSampleId :

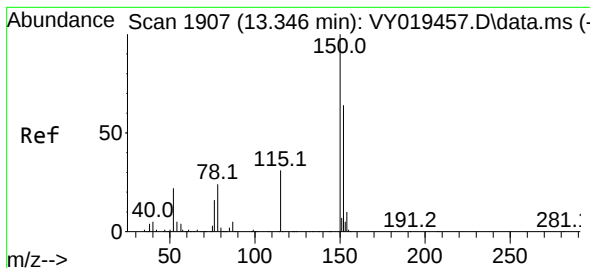
Tgt Ion: 95 Resp: 223384
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 72.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019625.D
Acq: 19 Sep 2024 11:40

Tgt Ion: 117 Resp: 530813
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.2 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: VY019625.D

Acq: 19 Sep 2024 11:40

Instrument :

MSVOA_Y

ClientSampleId :

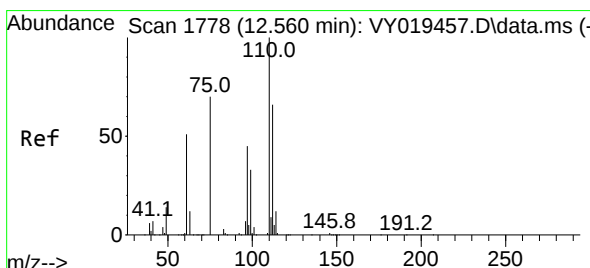
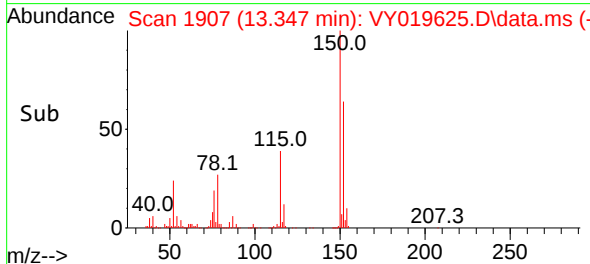
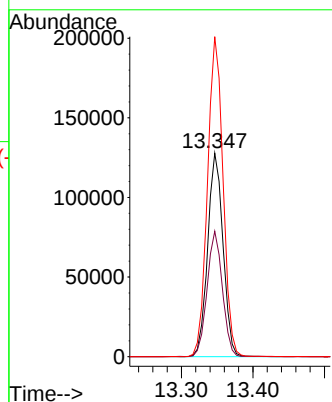
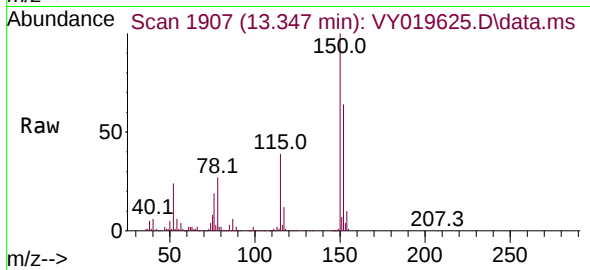
Tgt Ion:152 Resp: 190731

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 159.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.107 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019625.D

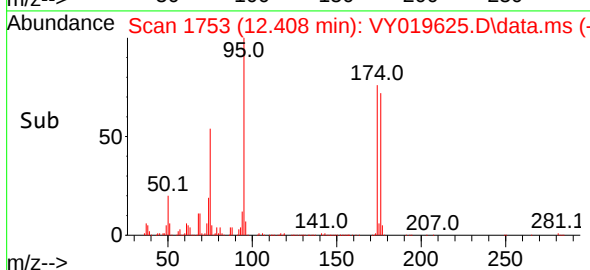
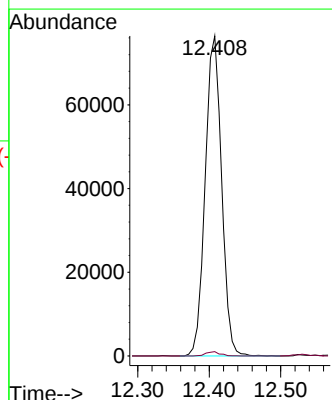
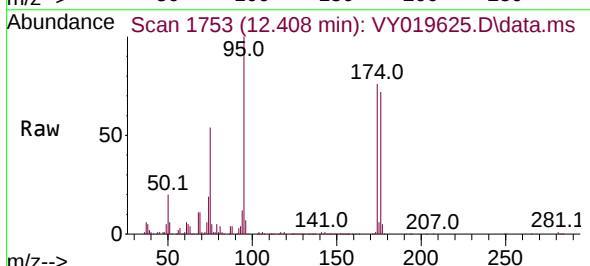
Acq: 19 Sep 2024 11:40

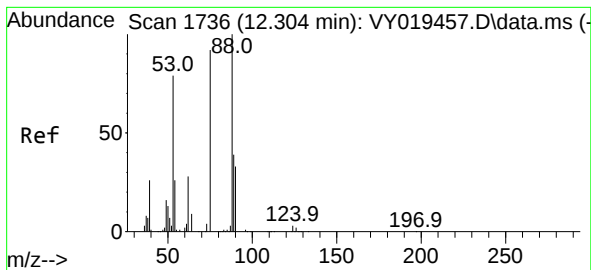
Tgt Ion: 75 Resp: 121755

Ion Ratio Lower Upper

75 100

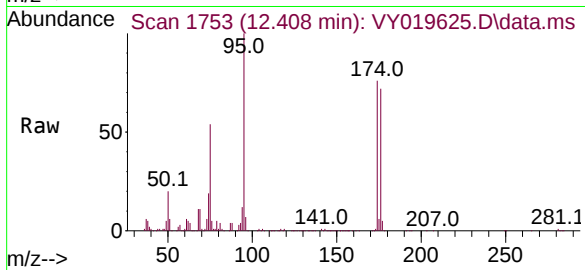
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.746 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019625.D
 Acq: 19 Sep 2024 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 121755
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

