

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019810.D
 Acq On : 07 Oct 2024 14:52
 Operator : SY/MD
 Sample : P4288-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 08 01:40:00 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)

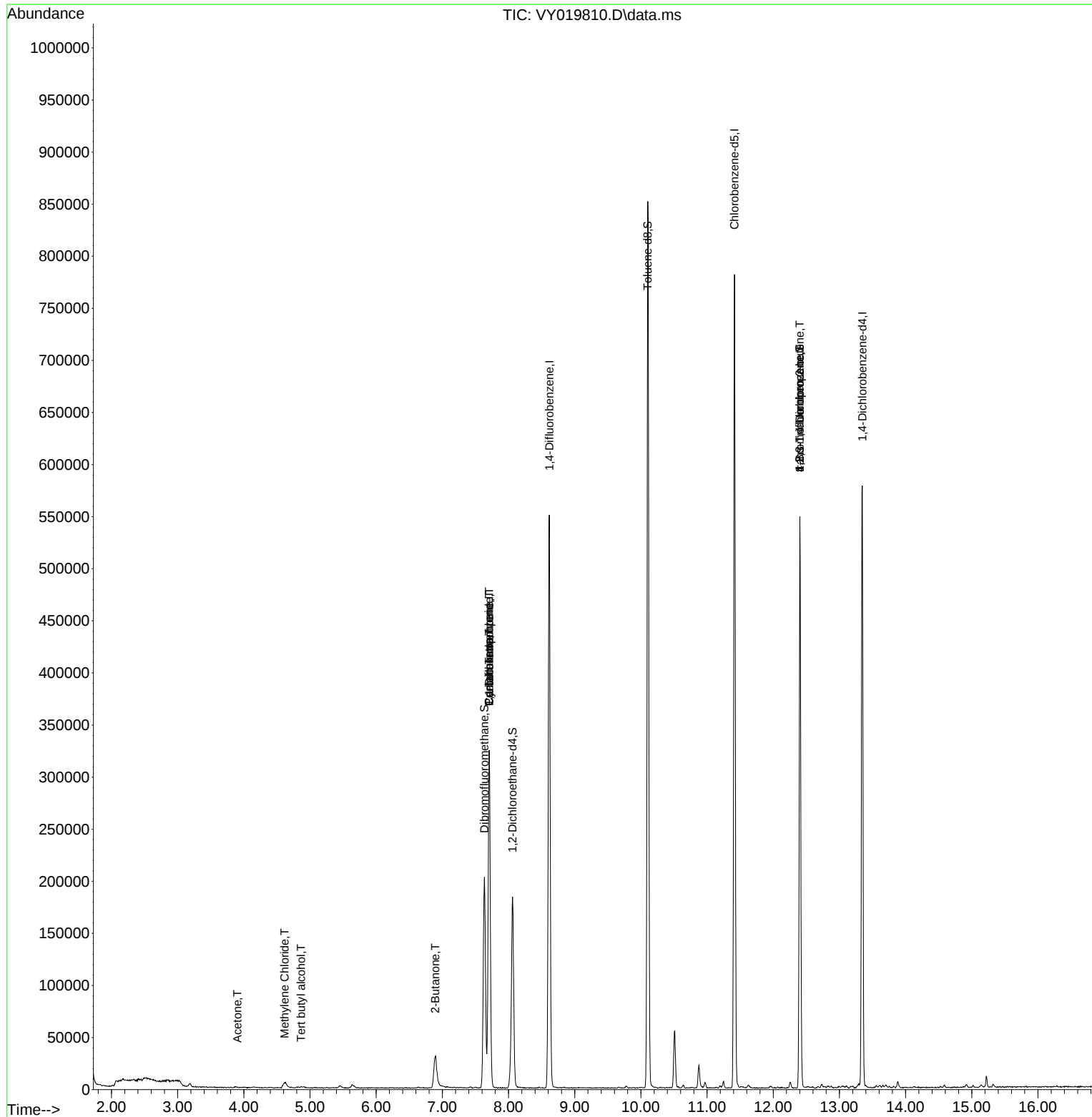
Internal Standards						
1) Pentafluorobenzene	7.707	168	231141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	452263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	391646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133867	62.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.100%	
35) Dibromofluoromethane	7.634	113	142423	55.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.080%	
50) Toluene-d8	10.103	98	543291	57.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.560%	
62) 4-Bromofluorobenzene	12.402	95	163129	44.731	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.092	85	19	Below Cal	#	43
11) Tert butyl alcohol	4.866	59	198	1.146	ug/l #	88
13) Acrolein	3.671	56	78	Below Cal	#	15
16) Acetone	3.903	43	1719	3.371	ug/l	97
20) Methylene Chloride	4.616	84	3881	1.669	ug/l #	83
25) 2-Butanone	6.890	43	1964	2.708	ug/l #	74
31) Cyclohexane	7.707	56	6227	1.626	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	20760	5.950	ug/l #	48
38) Carbon Tetrachloride	7.707	117	25190	6.402	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	93808	71.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	93808	138.044	ug/l #	16

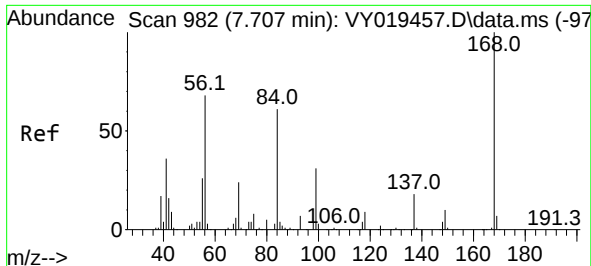
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

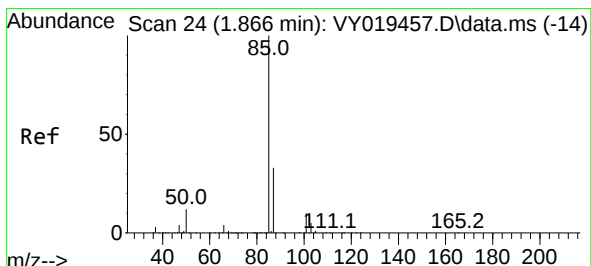
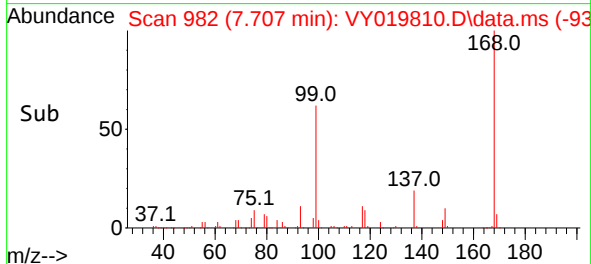
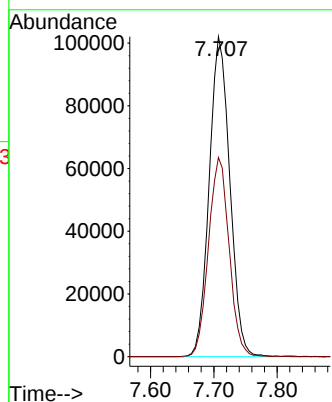
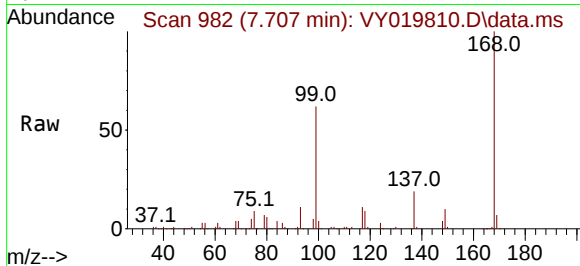




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

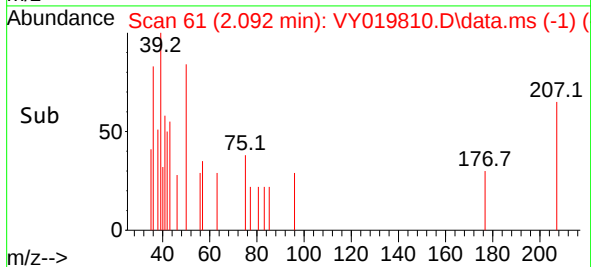
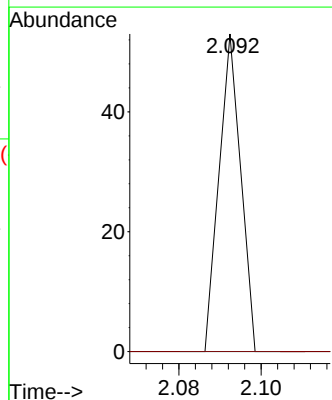
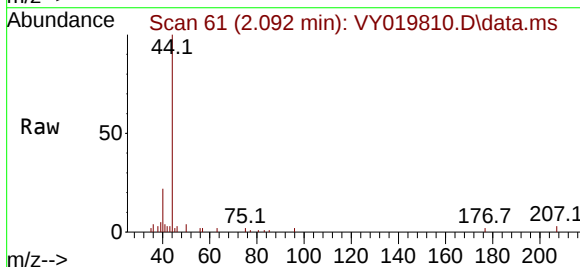
Instrument :
MSVOA_Y
ClientSampleId :

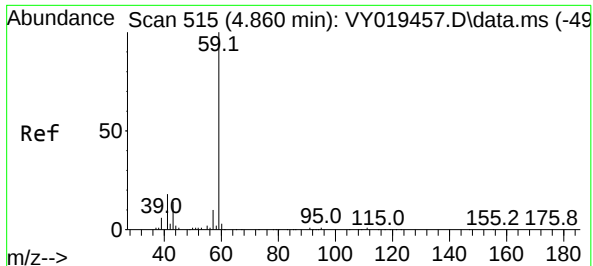
Tgt Ion:168 Resp: 231141
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.092 min Scan# 61
Delta R.T. 0.226 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.146 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY019810.D

Acq: 07 Oct 2024 14:52

Instrument :

MSVOA_Y

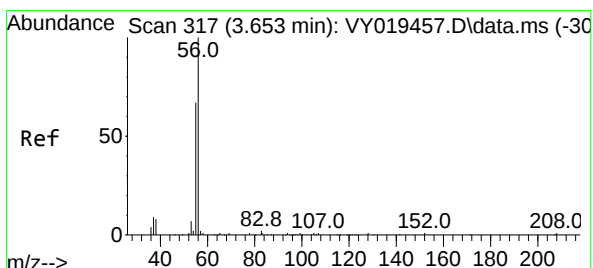
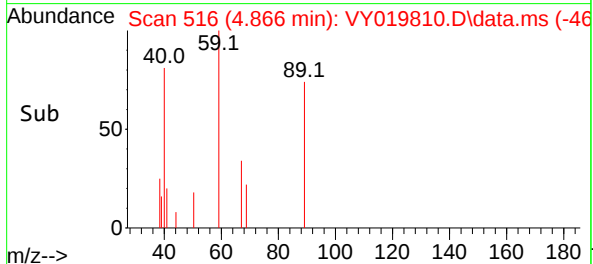
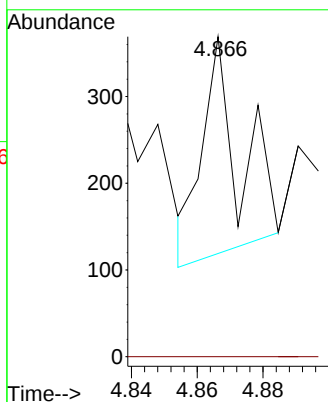
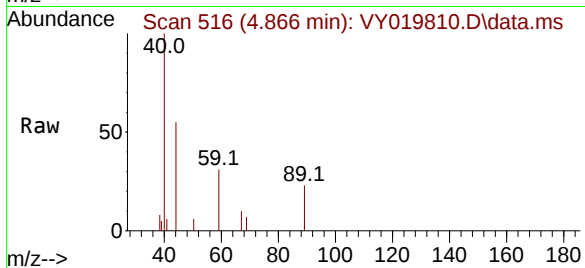
ClientSampleId :

Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.671 min Scan# 320

Delta R.T. 0.018 min

Lab File: VY019810.D

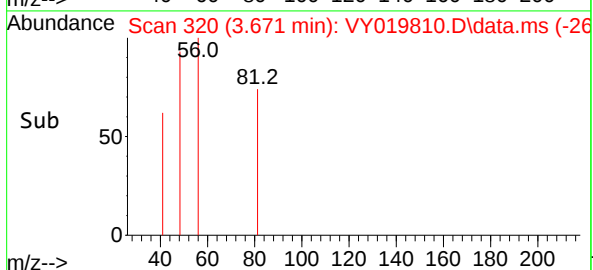
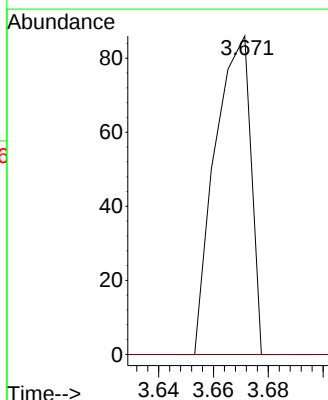
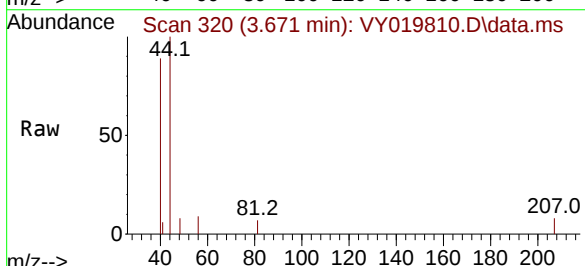
Acq: 07 Oct 2024 14:52

Tgt Ion: 56 Resp: 78

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

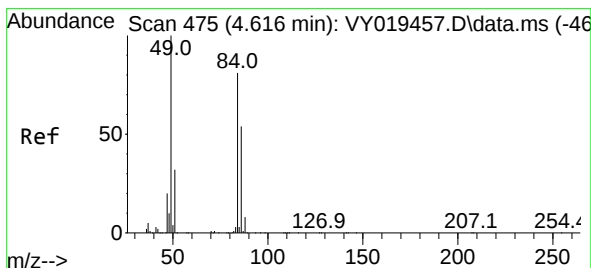
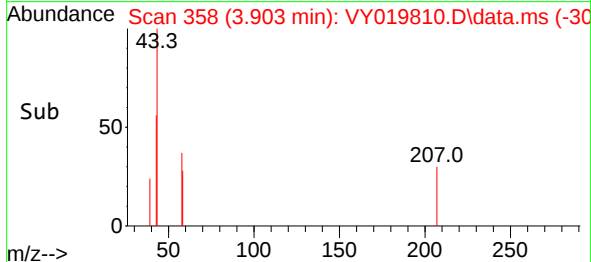
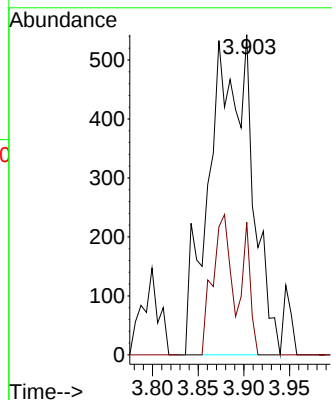
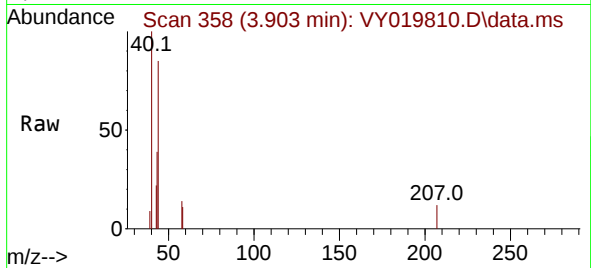




#16
Acetone
Concen: 3.371 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.031 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

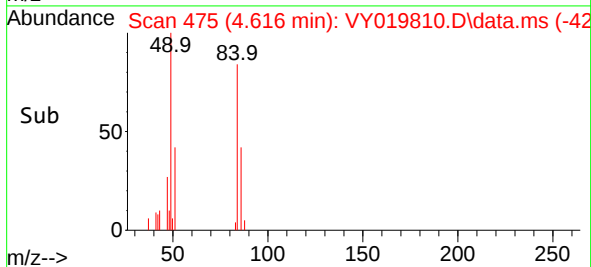
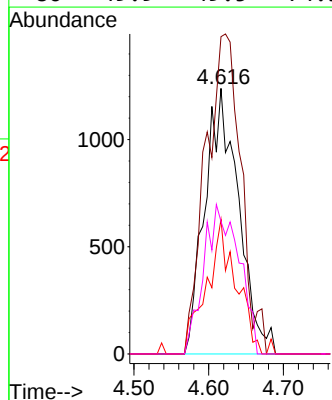
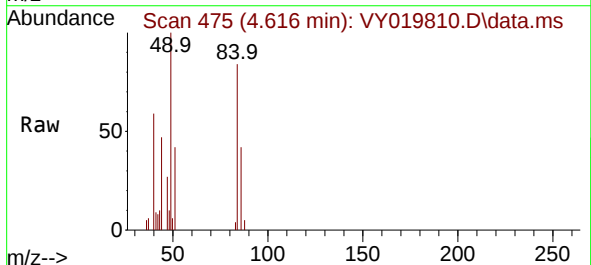
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 41.4 31.7 47.5



#20
Methylene Chloride
Concen: 1.669 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Tgt Ion: 84 Resp: 3881
Ion Ratio Lower Upper
84 100
49 119.5 84.4 126.6
51 50.7 26.0 39.0#
86 49.9 49.5 74.3

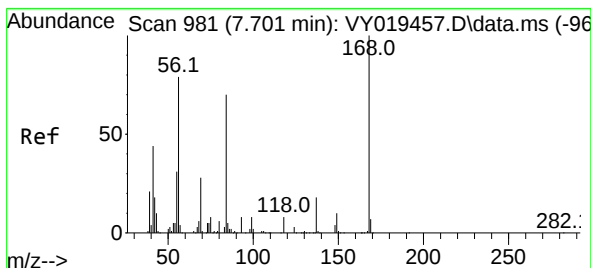
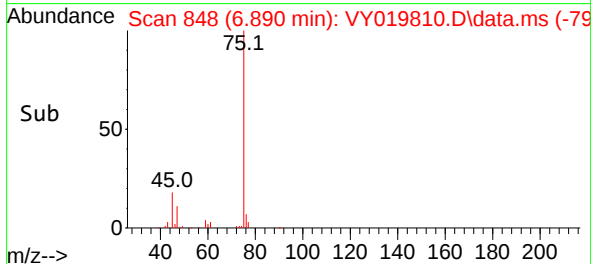
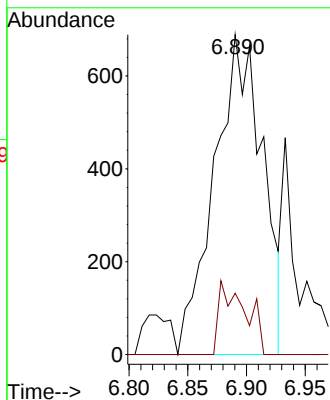
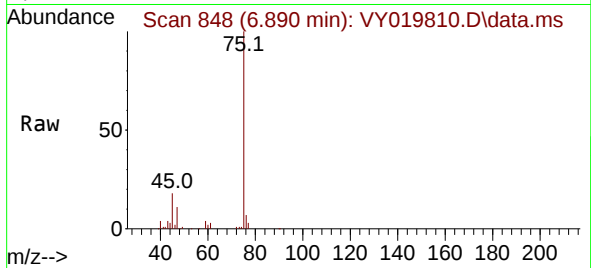




#25
2-Butanone
Concen: 2.708 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

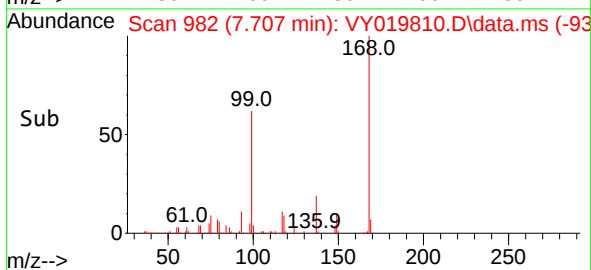
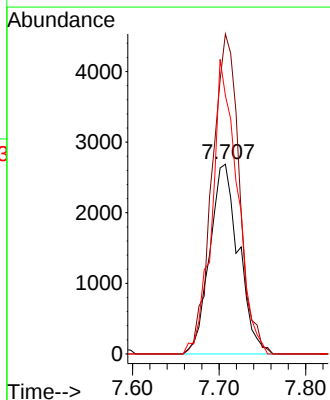
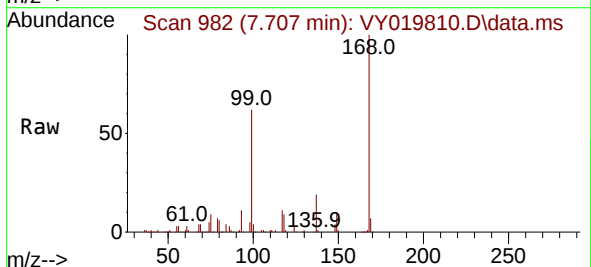
Instrument :
MSVOA_Y
ClientSampleId :

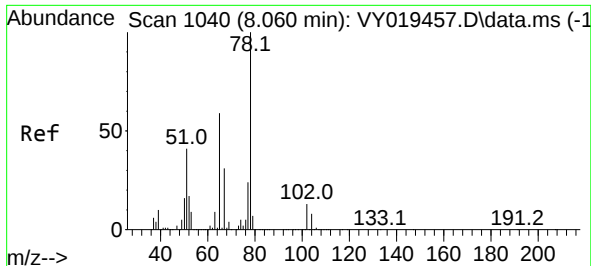
Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
72 19.2 27.3 40.9#



#31
Cyclohexane
Concen: 1.626 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Tgt Ion: 56 Resp: 6227
Ion Ratio Lower Upper
56 100
69 168.7 28.7 43.1#
84 136.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.546 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019810.D

Acq: 07 Oct 2024 14:52

Instrument :

MSVOA_Y

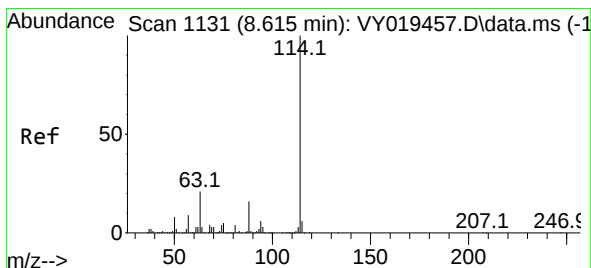
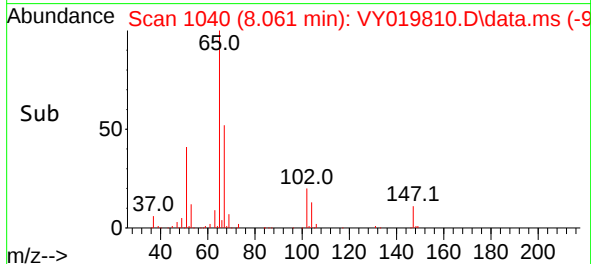
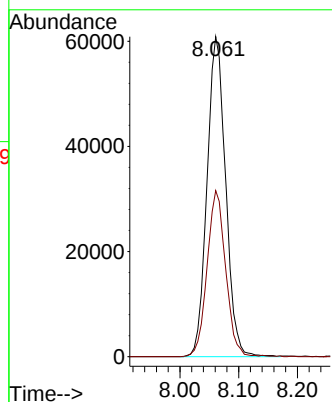
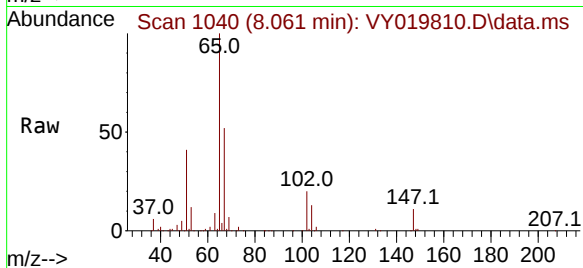
ClientSampleId :

Tgt Ion: 65 Resp: 133867

Ion Ratio Lower Upper

65 100

67 51.6 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: VY019810.D

Acq: 07 Oct 2024 14:52

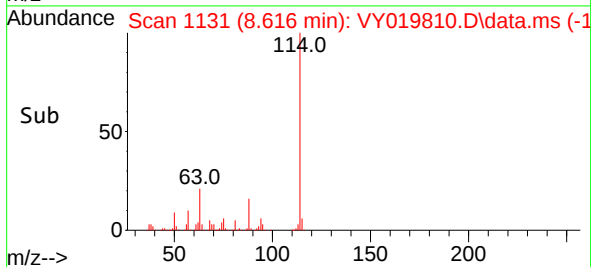
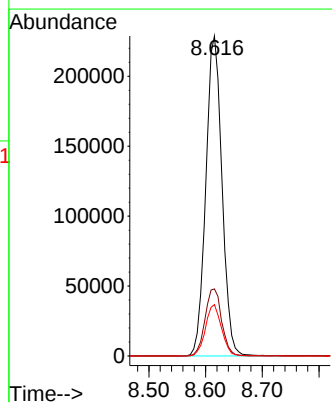
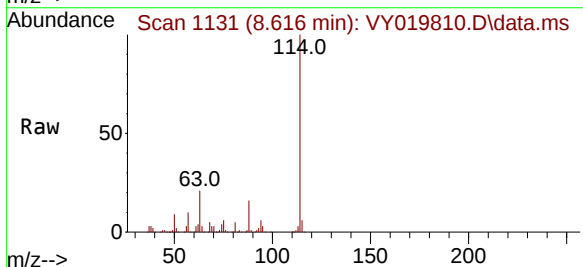
Tgt Ion: 114 Resp: 452263

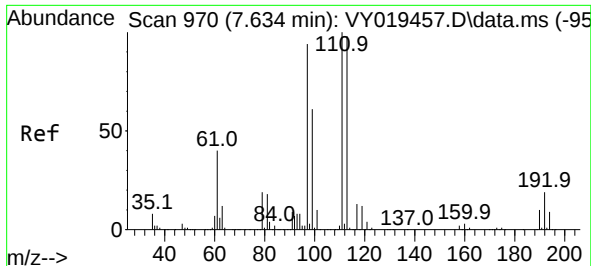
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 16.1 0.0 27.2

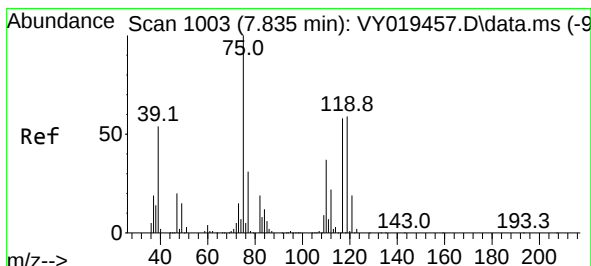
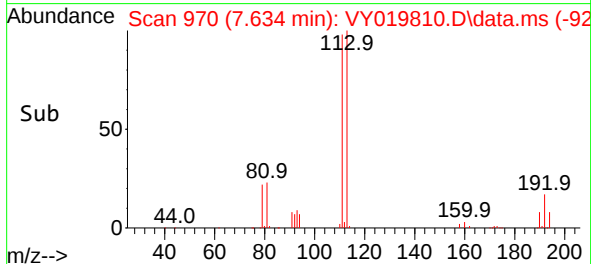
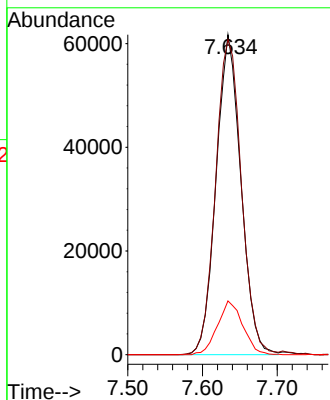
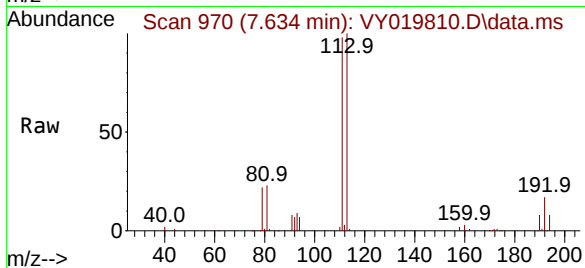




#35
Dibromofluoromethane
Concen: 55.542 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

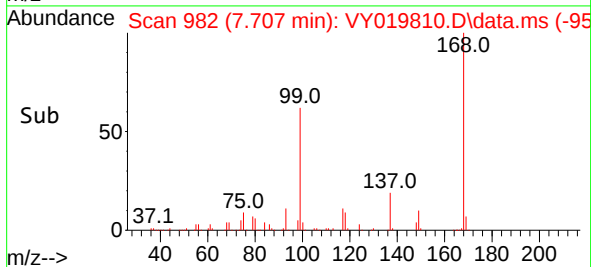
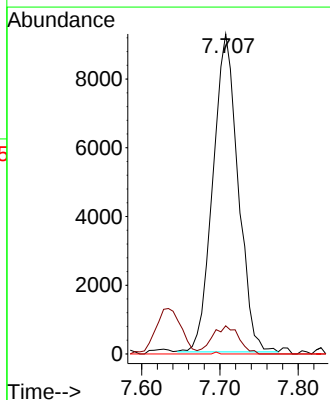
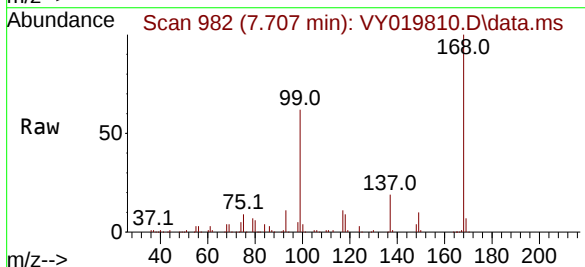
Instrument :
MSVOA_Y
ClientSampleId :

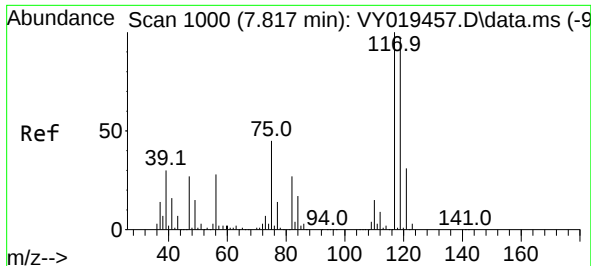
Tgt Ion:113 Resp: 142423
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.950 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

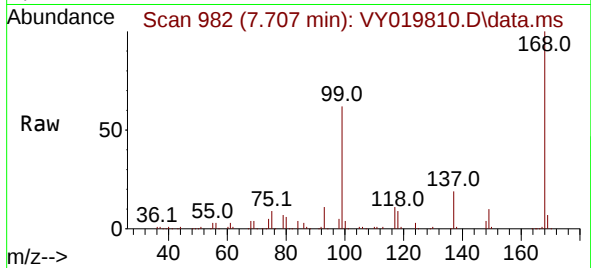
Tgt Ion: 75 Resp: 20760
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.1 25.3 37.9#



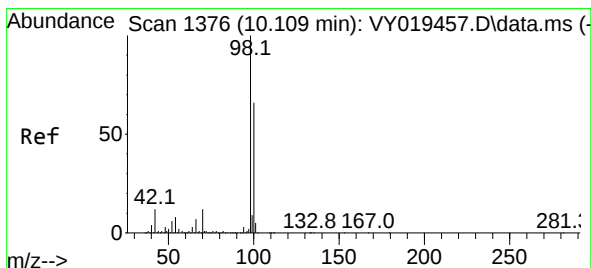
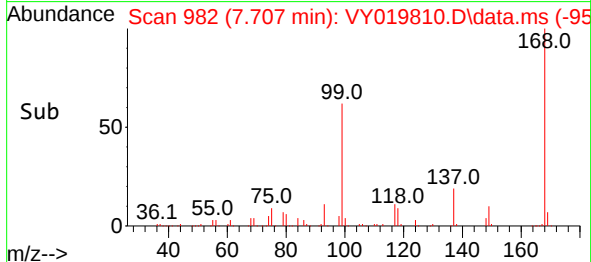
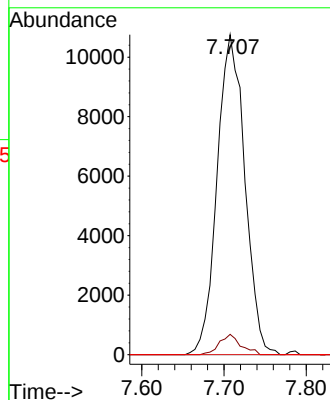


#38
Carbon Tetrachloride
Concen: 6.402 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

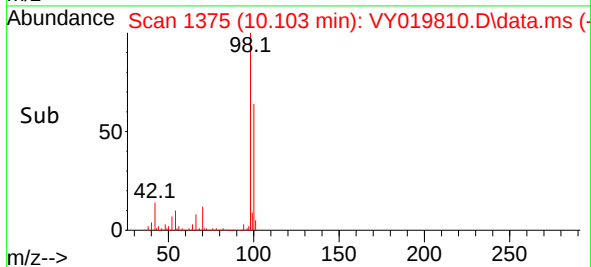
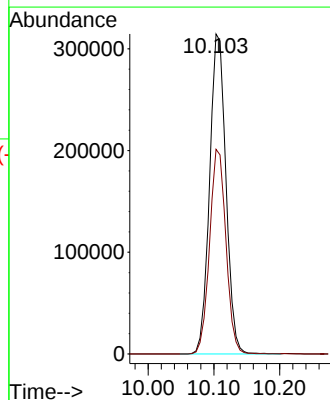
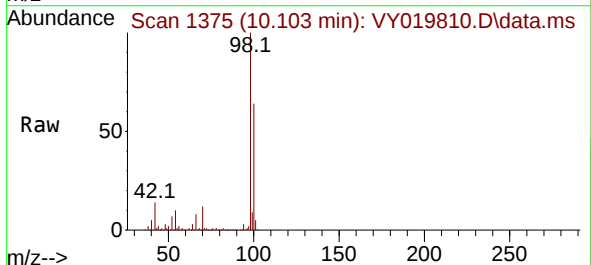


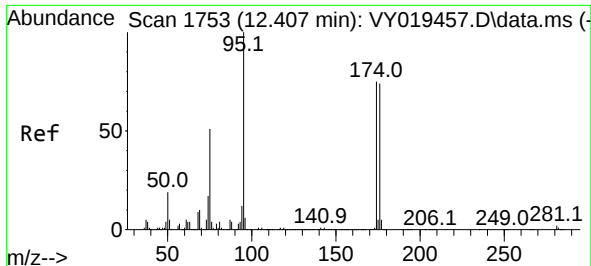
Tgt Ion:117 Resp: 25190
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.282 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Tgt Ion: 98 Resp: 543291
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

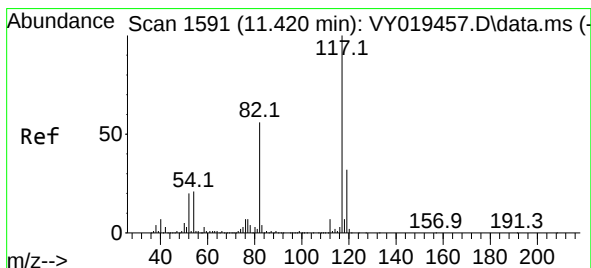
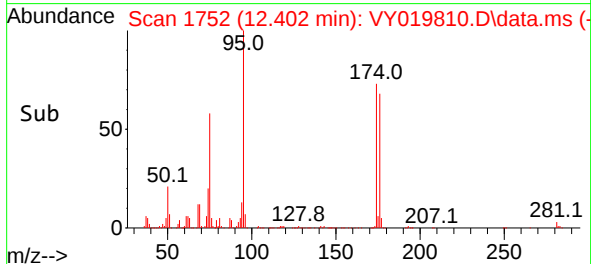
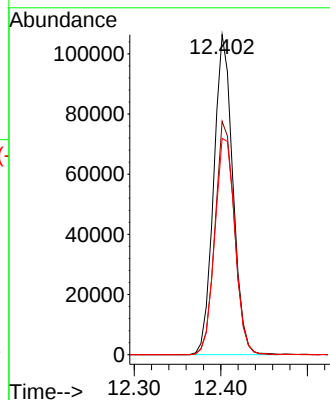
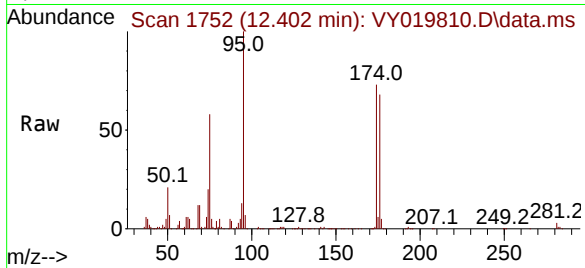




#62
4-Bromofluorobenzene
Concen: 44.731 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

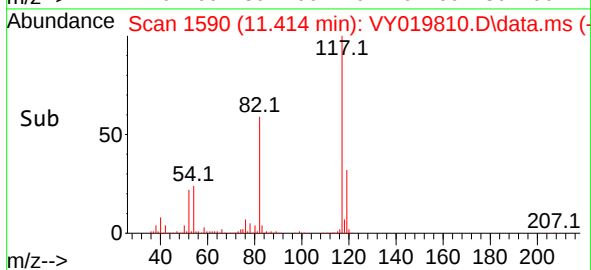
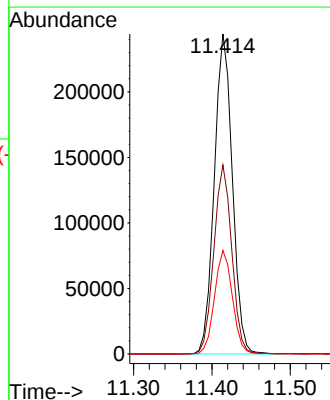
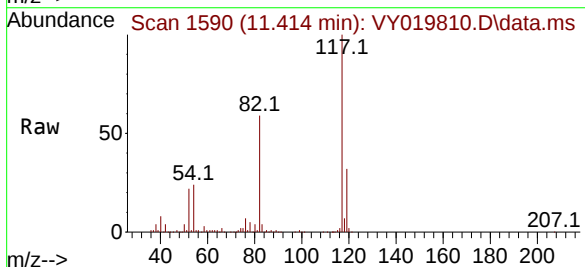
Instrument :
MSVOA_Y
ClientSampleId :

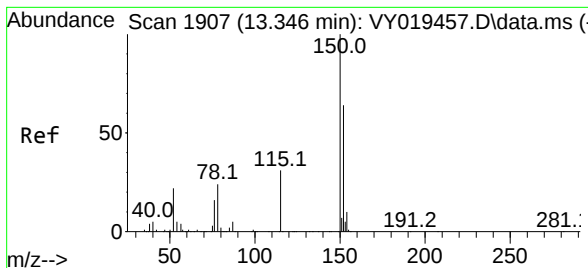
Tgt Ion: 95 Resp: 163129
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Tgt Ion: 117 Resp: 391646
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.3 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: VY019810.D

Acq: 07 Oct 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

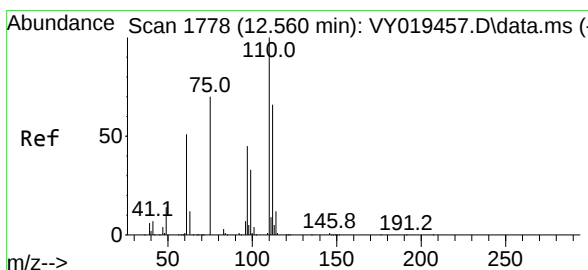
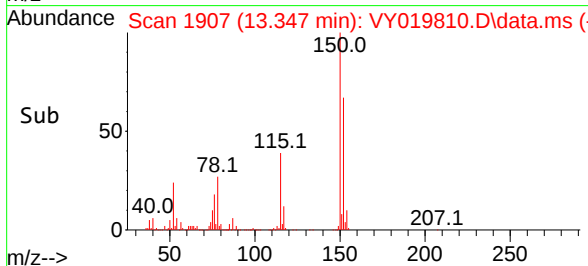
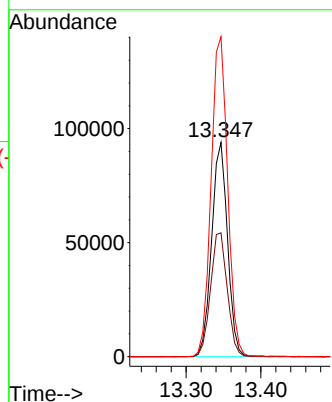
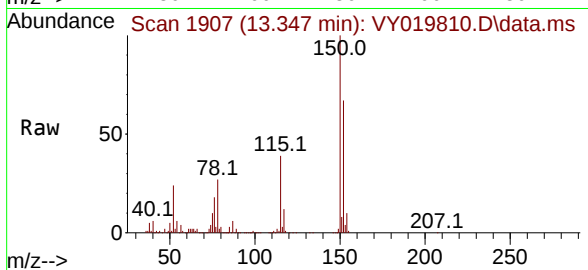
Tgt Ion:152 Resp: 139182

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 154.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.909 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019810.D

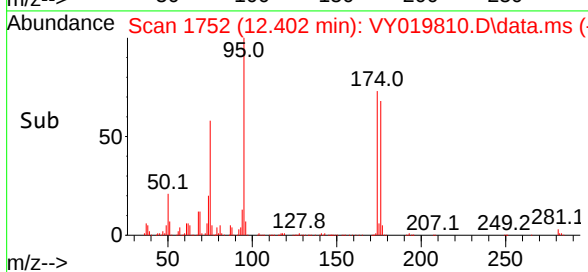
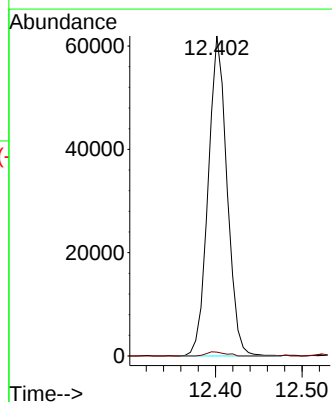
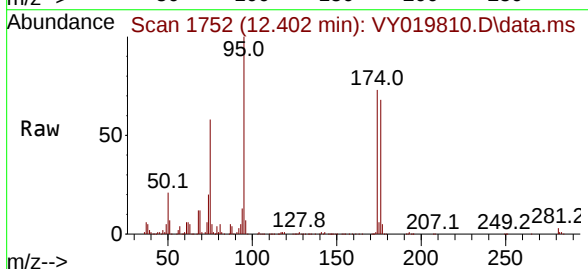
Acq: 07 Oct 2024 14:52

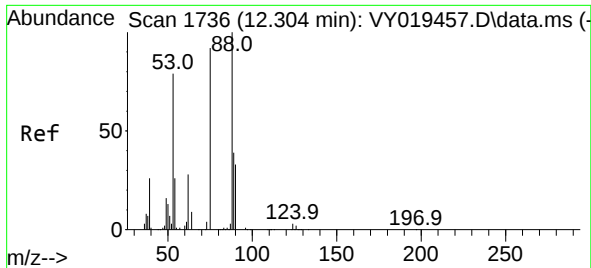
Tgt Ion: 75 Resp: 93808

Ion Ratio Lower Upper

75 100

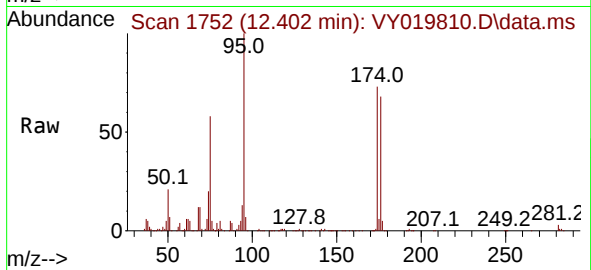
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.044 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019810.D
Acq: 07 Oct 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 93808
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

