

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019630.D
 Acq On : 19 Sep 2024 13:37
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:28:32 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)

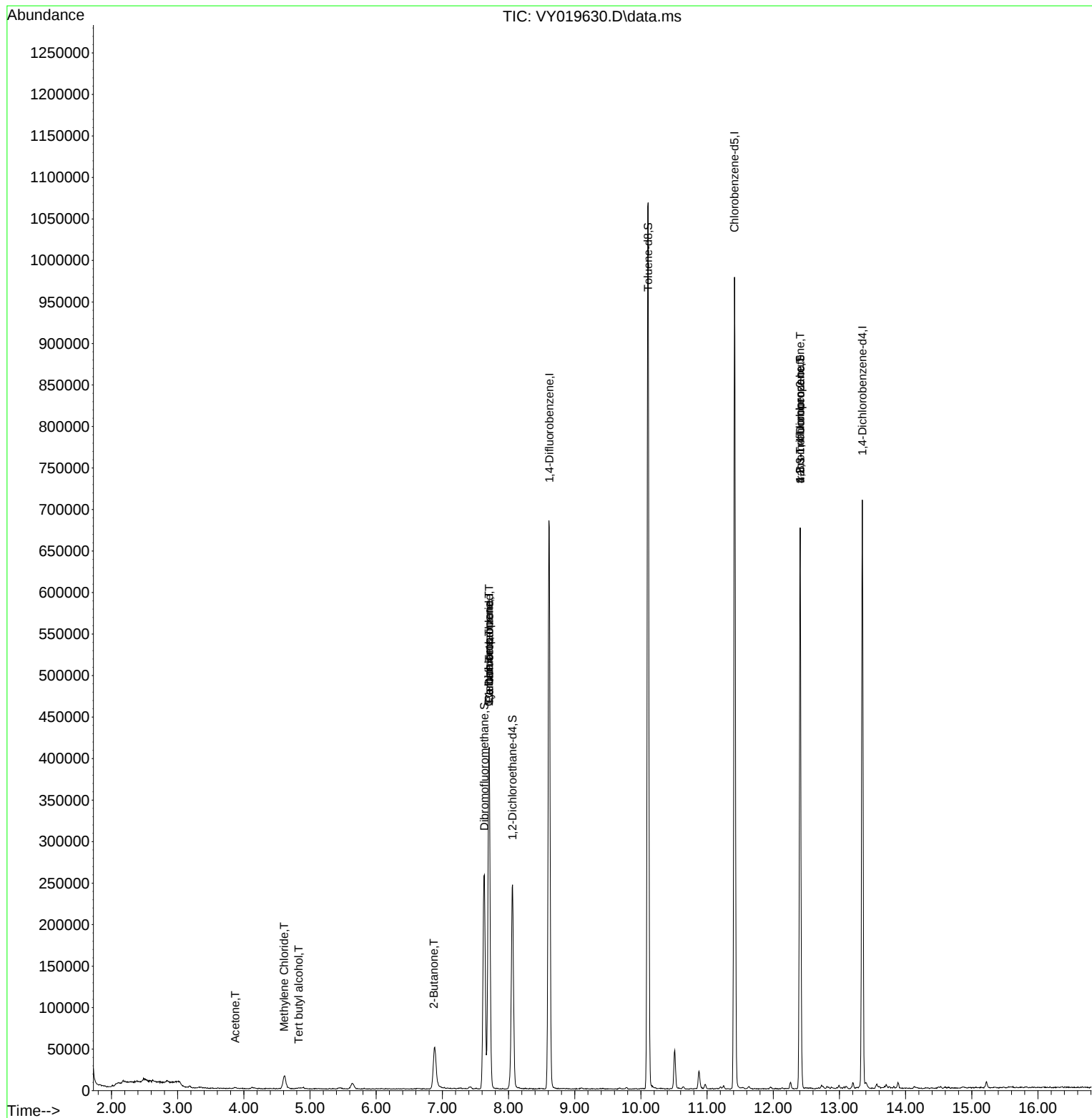
Internal Standards						
1) Pentafluorobenzene	7.707	168	305081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	586555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	504101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187361	66.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.640%	
35) Dibromofluoromethane	7.634	113	188297	56.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.240%	
50) Toluene-d8	10.109	98	690205	56.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.220%	
62) 4-Bromofluorobenzene	12.407	95	207432	43.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	121	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	1271	5.571	ug/l #	94
13) Acrolein	3.659	56	30	Below Cal	#	15
16) Acetone	3.872	43	2625	3.900	ug/l #	69
20) Methylene Chloride	4.610	84	11801	3.845	ug/l #	82
25) 2-Butanone	6.872	43	3730	3.897	ug/l #	79
31) Cyclohexane	7.701	56	7370	1.458	ug/l #	5
36) 1,1-Dichloropropene	7.701	75	26259	5.803	ug/l #	48
38) Carbon Tetrachloride	7.707	117	33347	6.535	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	113191	72.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	113191	139.873	ug/l #	16

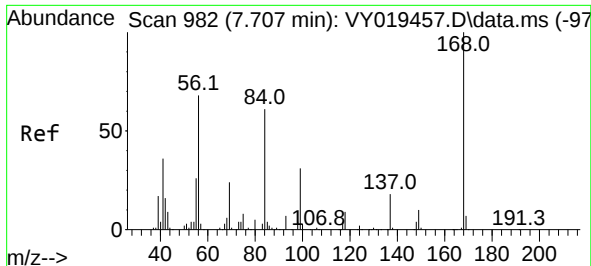
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

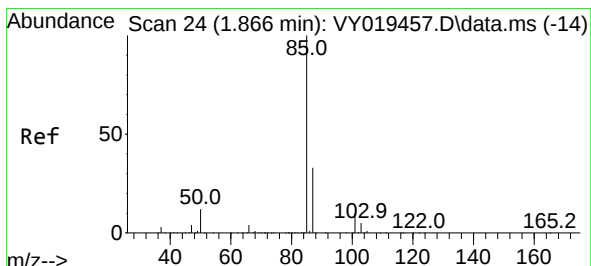
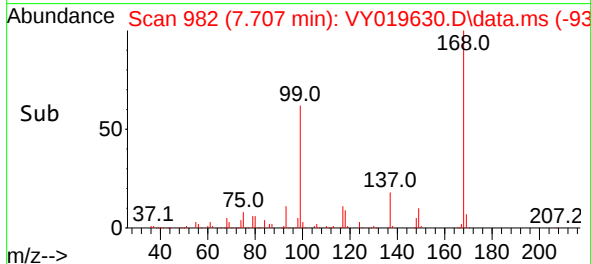
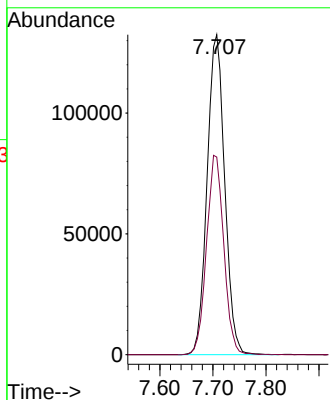
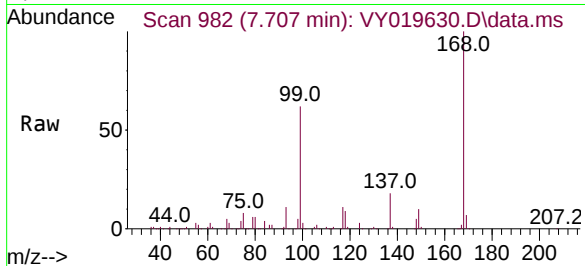




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

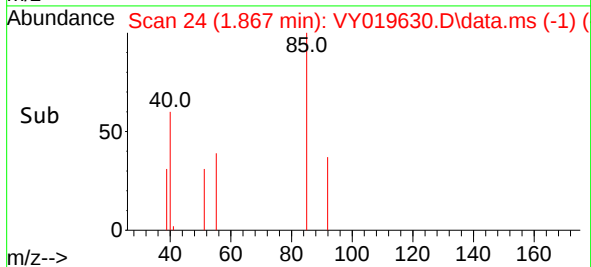
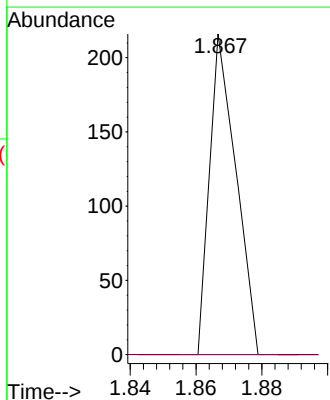
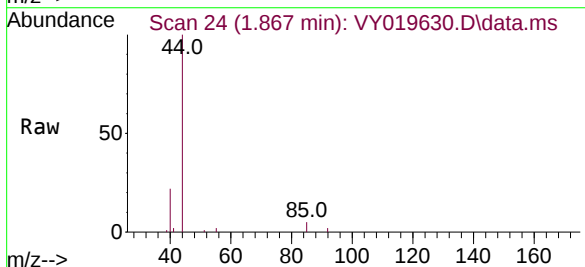
Instrument :
MSVOA_Y
ClientSampleId :

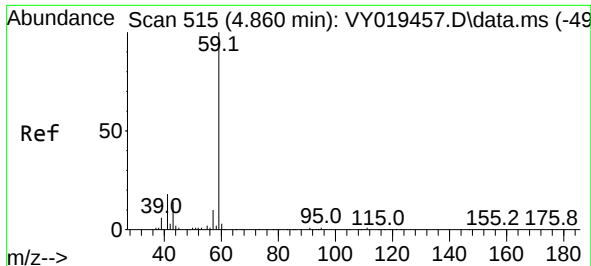
Tgt Ion:168 Resp: 305081
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion: 85 Resp: 121
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 5.571 ug/l

RT: 4.830 min Scan# 51

Delta R.T. -0.030 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

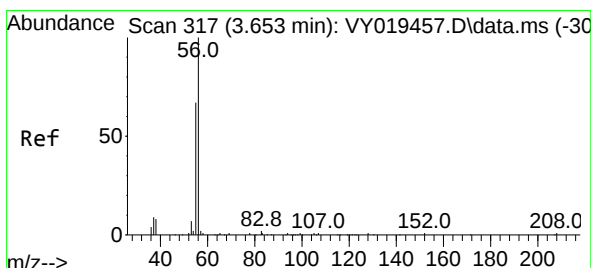
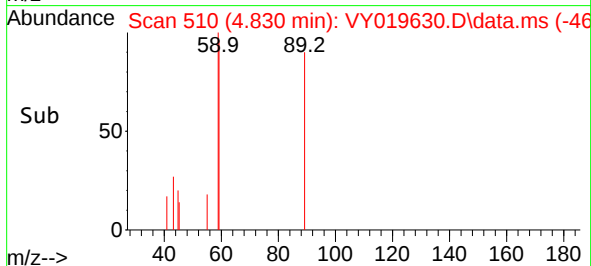
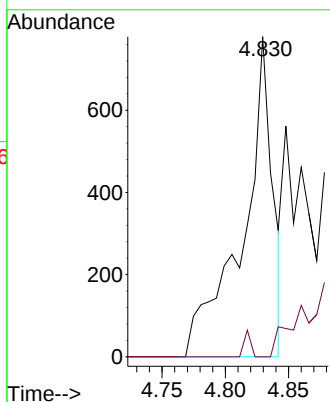
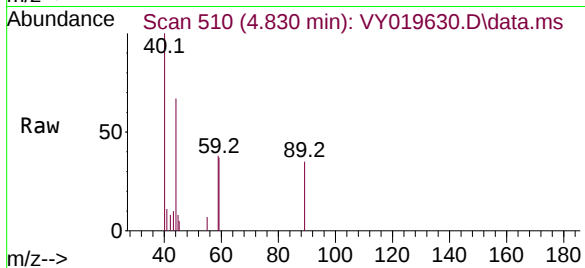
ClientSampleId :

Tgt Ion: 59 Resp: 1271

Ion Ratio Lower Upper

59 100

57 1.9 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019630.D

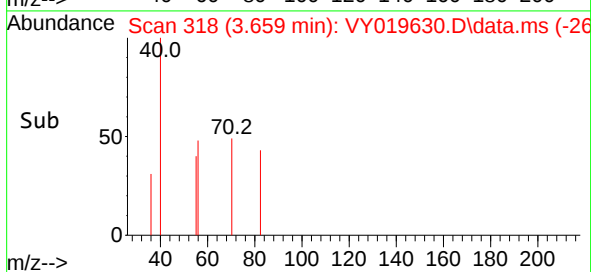
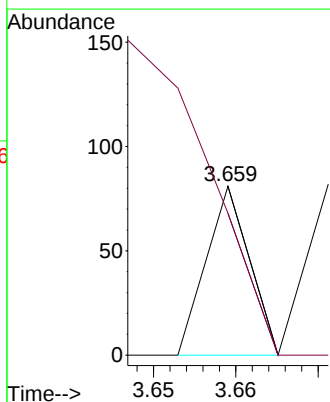
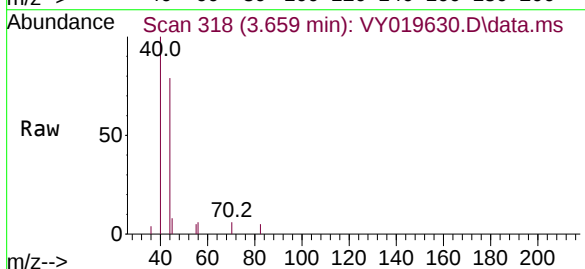
Acq: 19 Sep 2024 13:37

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

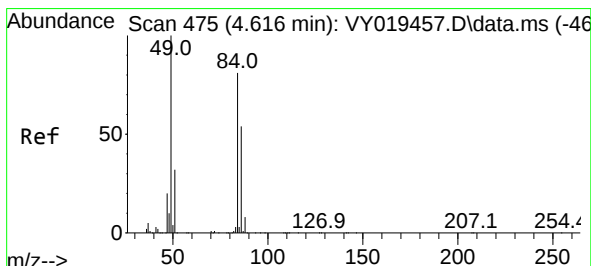
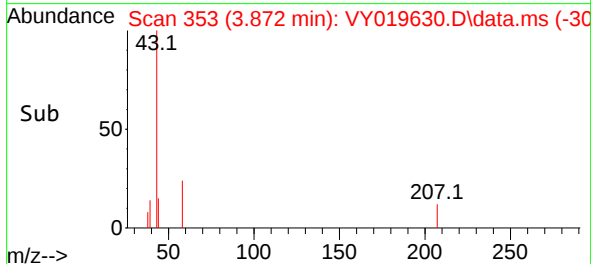
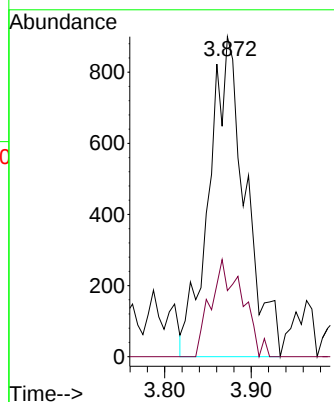
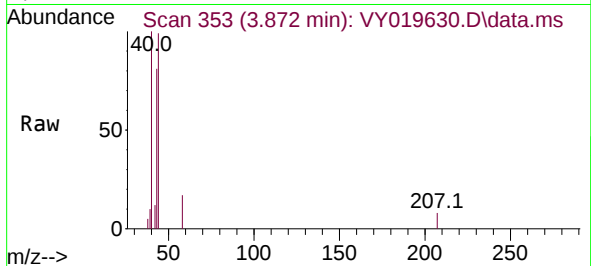




#16
Acetone
Concen: 3.900 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

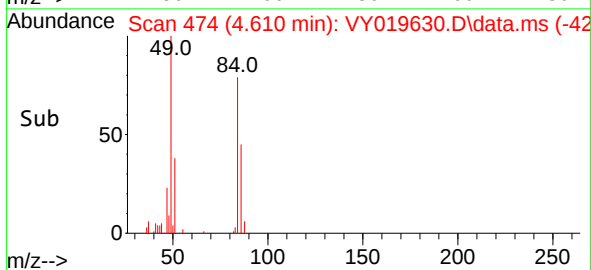
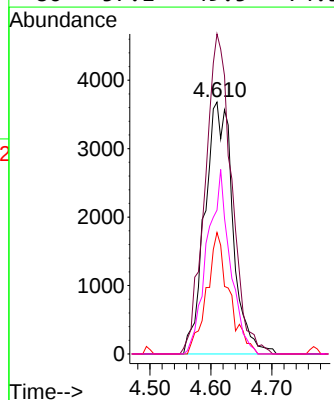
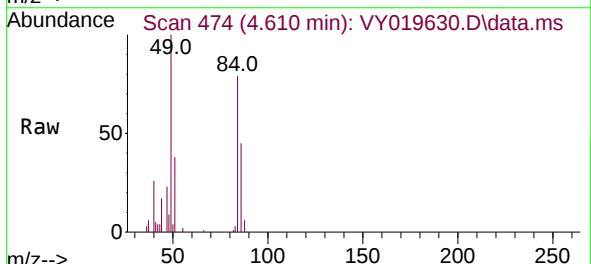
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 20.7 31.7 47.5#



#20
Methylene Chloride
Concen: 3.845 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion: 84 Resp: 11801
Ion Ratio Lower Upper
84 100
49 127.1 84.4 126.6#
51 48.2 26.0 39.0#
86 57.1 49.5 74.3





#25

2-Butanone

Concen: 3.897 ug/l

RT: 6.872 min Scan# 84

Delta R.T. -0.018 min

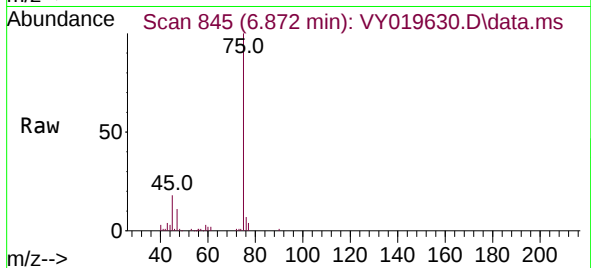
Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

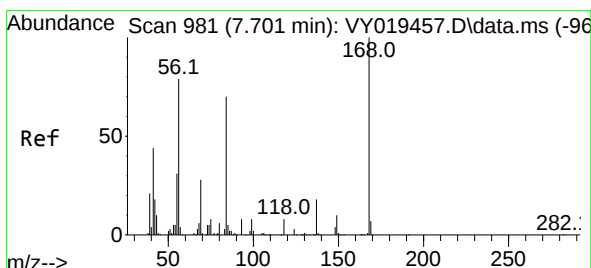
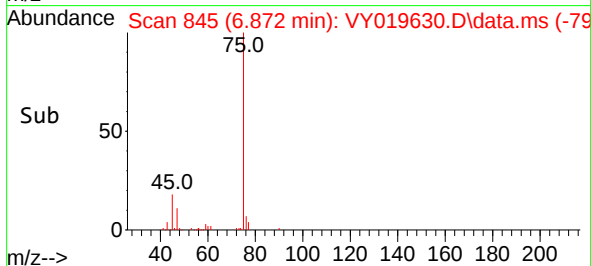
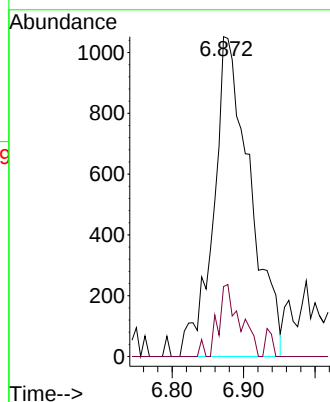


Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

43 100

72 21.9 27.3 40.9#



#31

Cyclohexane

Concen: 1.458 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

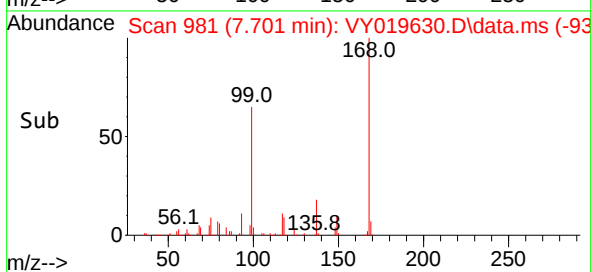
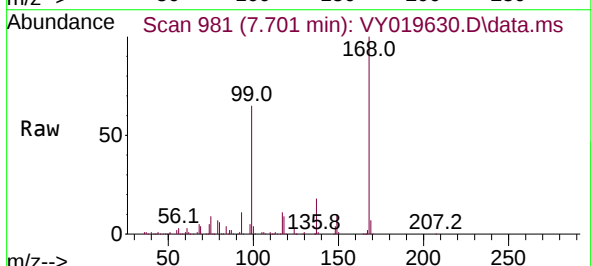
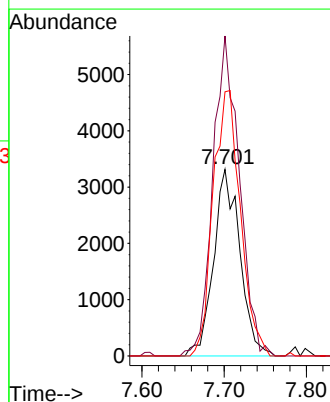
Tgt Ion: 56 Resp: 7370

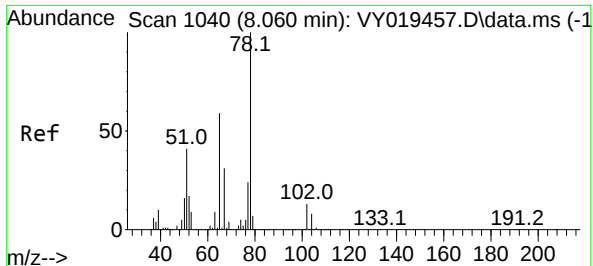
Ion Ratio Lower Upper

56 100

69 171.5 28.7 43.1#

84 141.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.323 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

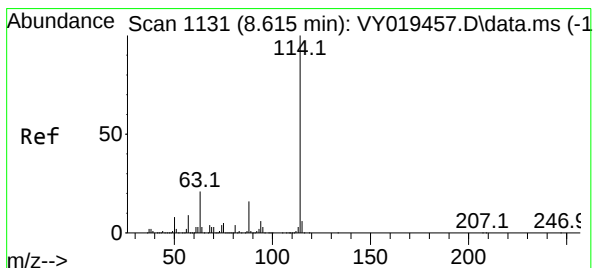
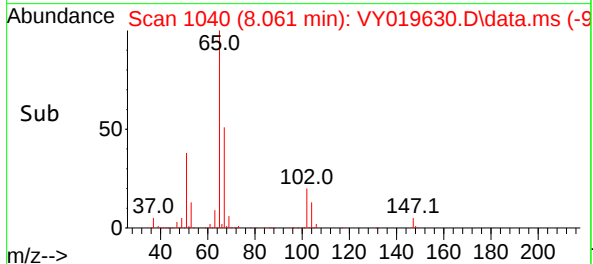
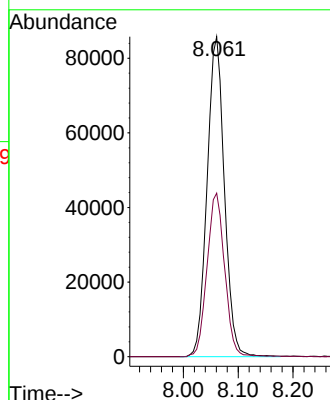
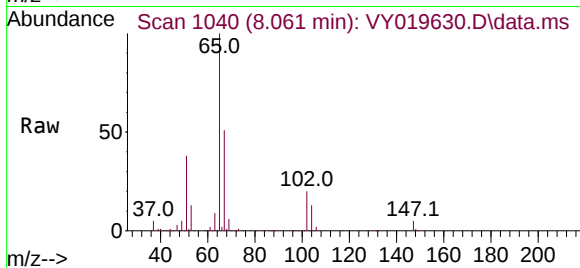
ClientSampleId :

Tgt Ion: 65 Resp: 187361

Ion Ratio Lower Upper

65 100

67 52.1 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: VY019630.D

Acq: 19 Sep 2024 13:37

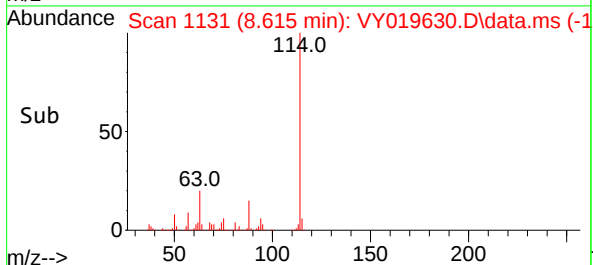
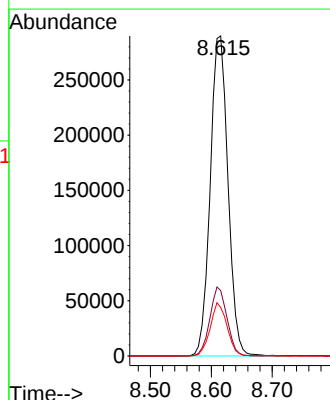
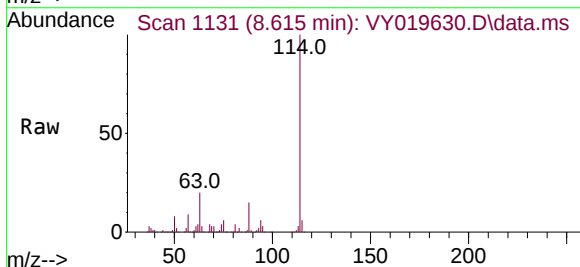
Tgt Ion: 114 Resp: 586555

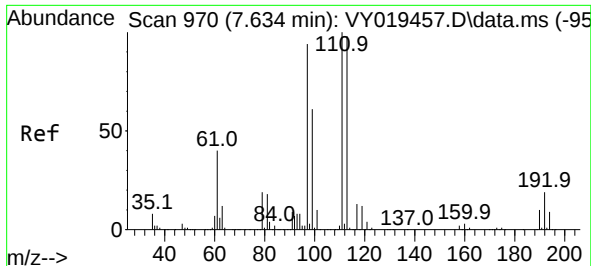
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.2 0.0 27.2

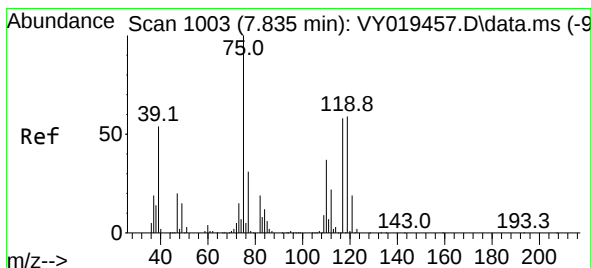
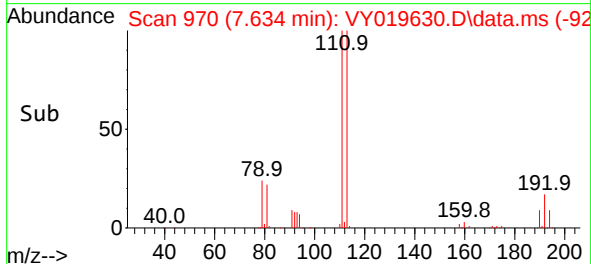
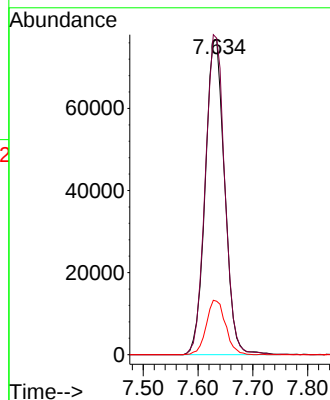
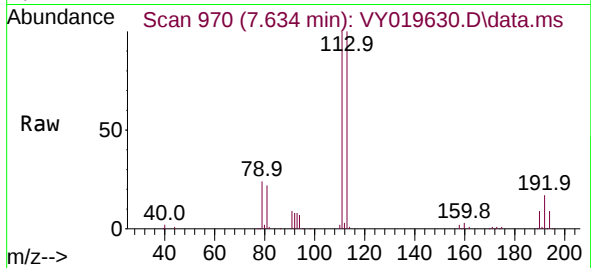




#35
Dibromofluoromethane
Concen: 56.619 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

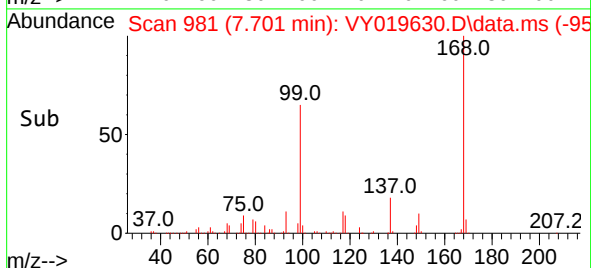
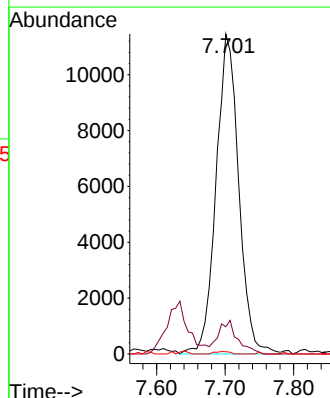
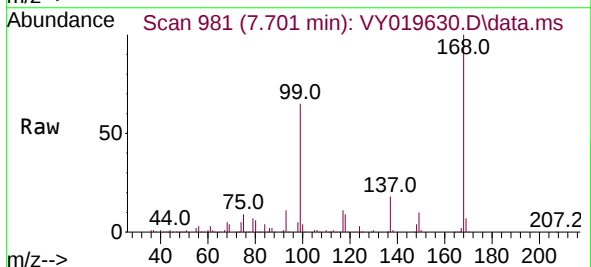
Instrument :
MSVOA_Y
ClientSampleId :

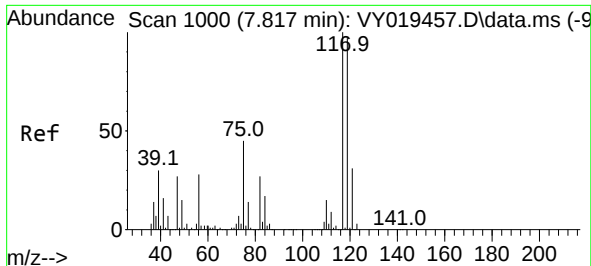
Tgt Ion:113 Resp: 188297
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.803 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

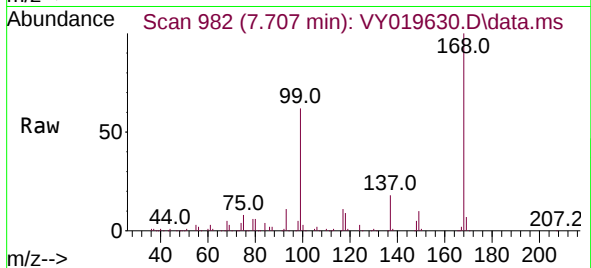
Tgt Ion: 75 Resp: 26259
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.5 25.3 37.9#



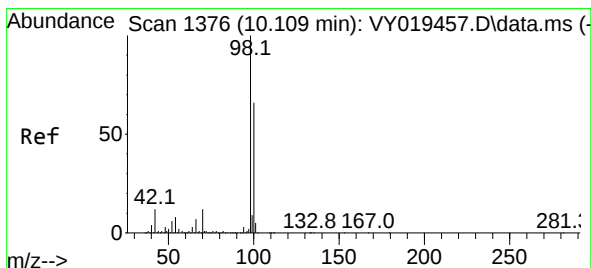
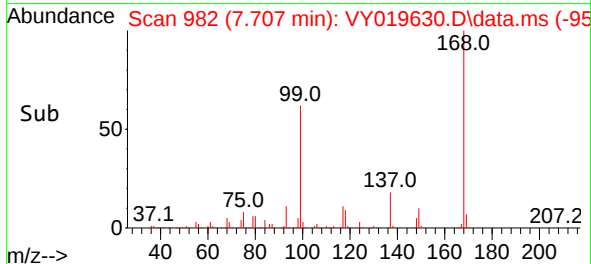
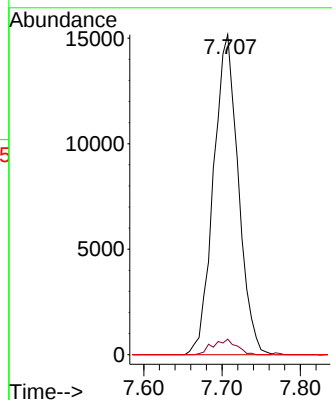


#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

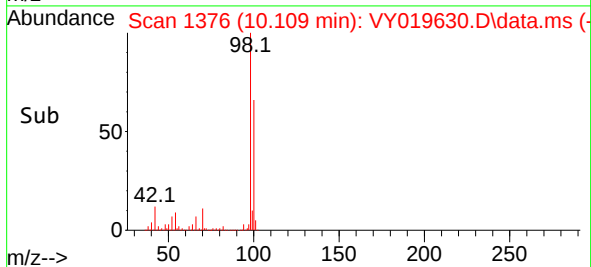
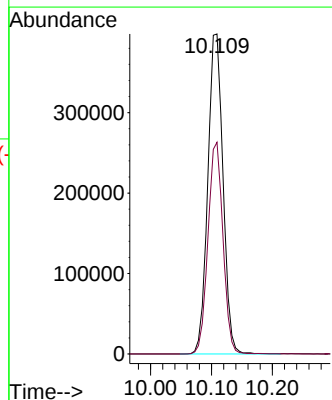
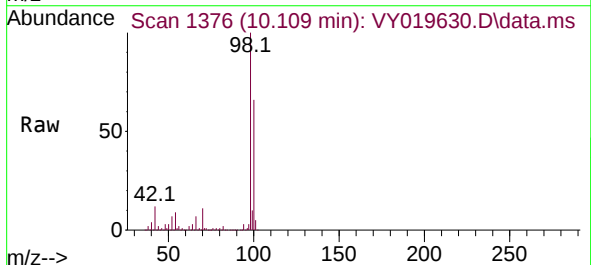


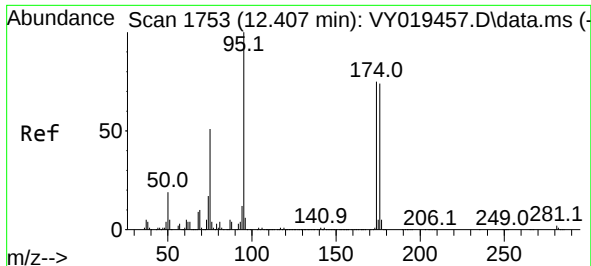
Tgt Ion:117 Resp: 33347
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.110 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion: 98 Resp: 690205
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

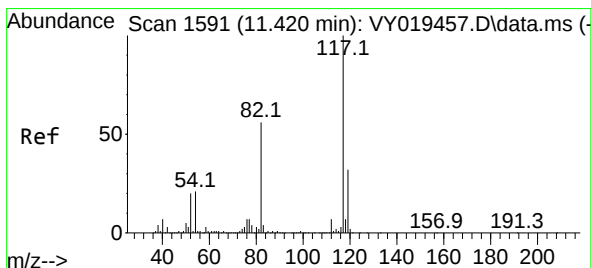
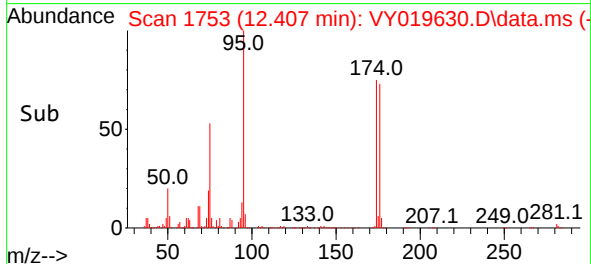
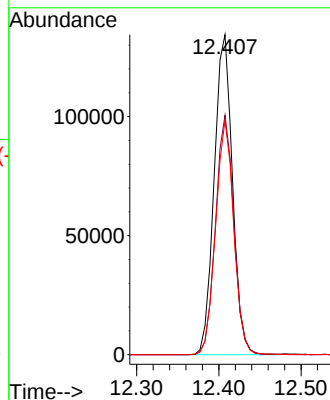
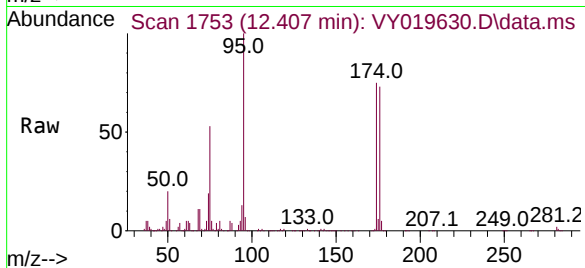




#62
4-Bromofluorobenzene
Concen: 43.857 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

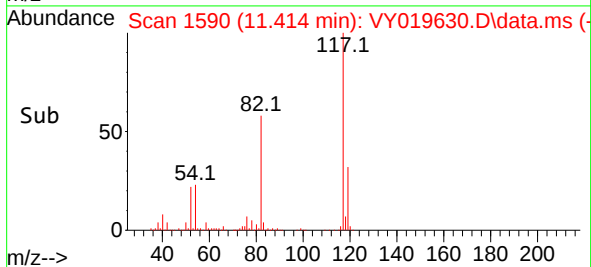
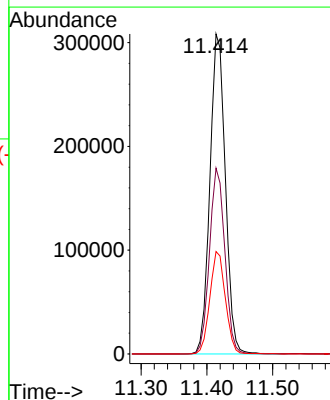
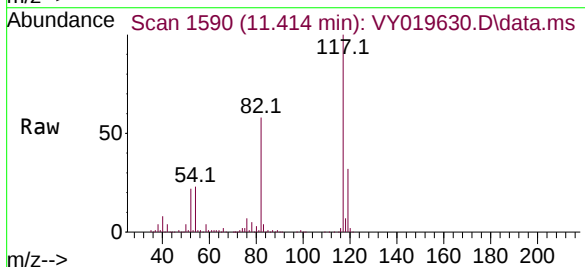
Instrument :
MSVOA_Y
ClientSampleId :

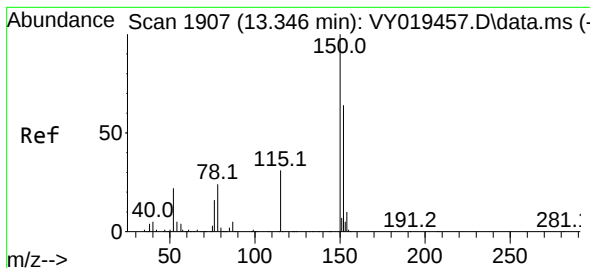
Tgt Ion: 95 Resp: 207432
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 72.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion: 117 Resp: 504101
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

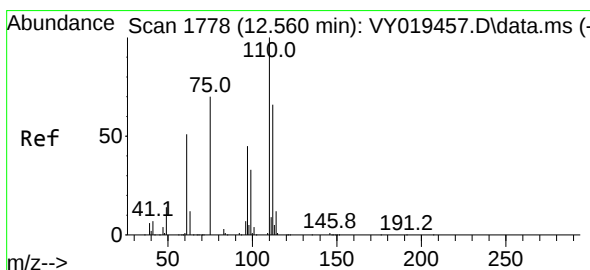
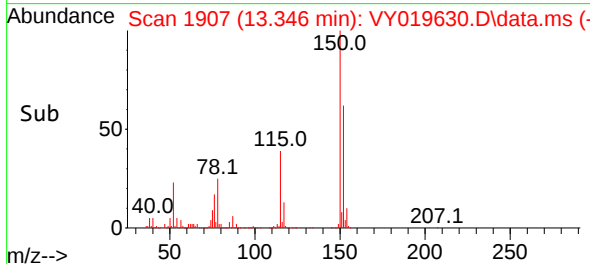
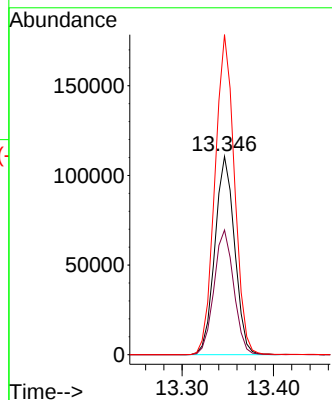
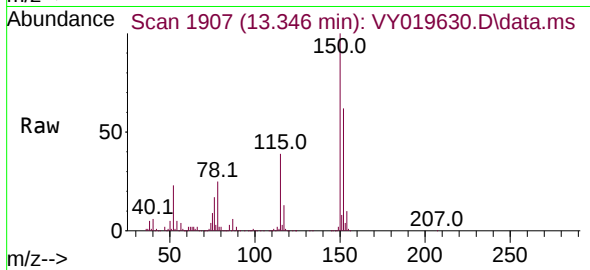
Tgt Ion:152 Resp: 165745

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 160.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.861 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019630.D

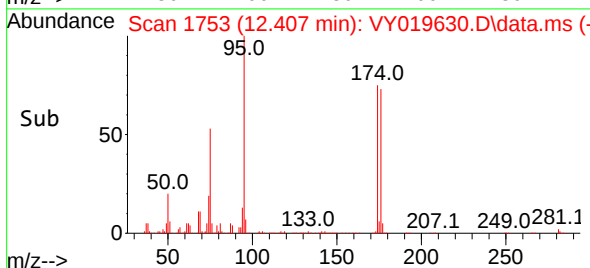
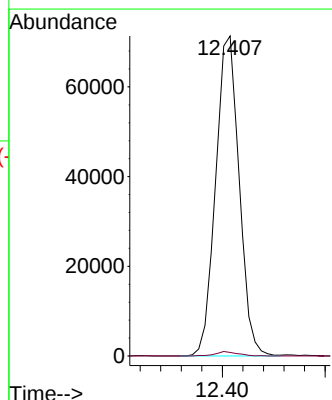
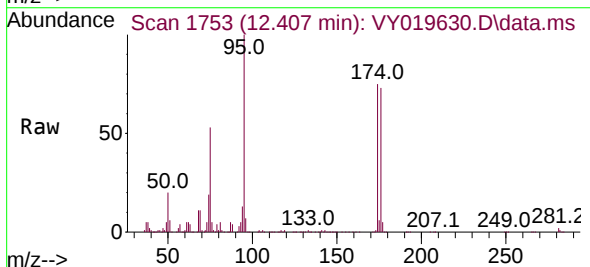
Acq: 19 Sep 2024 13:37

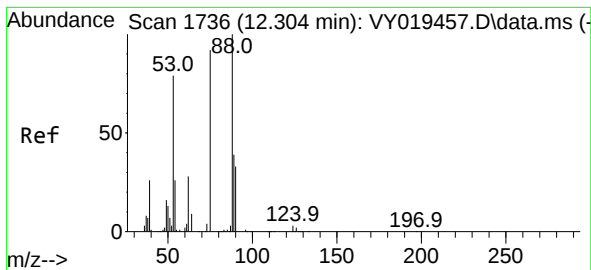
Tgt Ion: 75 Resp: 113191

Ion Ratio Lower Upper

75 100

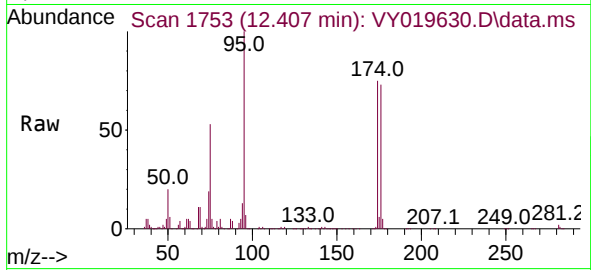
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.873 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019630.D
 Acq: 19 Sep 2024 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 113191
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

