

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019584.D
 Acq On : 17 Sep 2024 14:38
 Operator : SY/MD
 Sample : P4015-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:32:50 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)

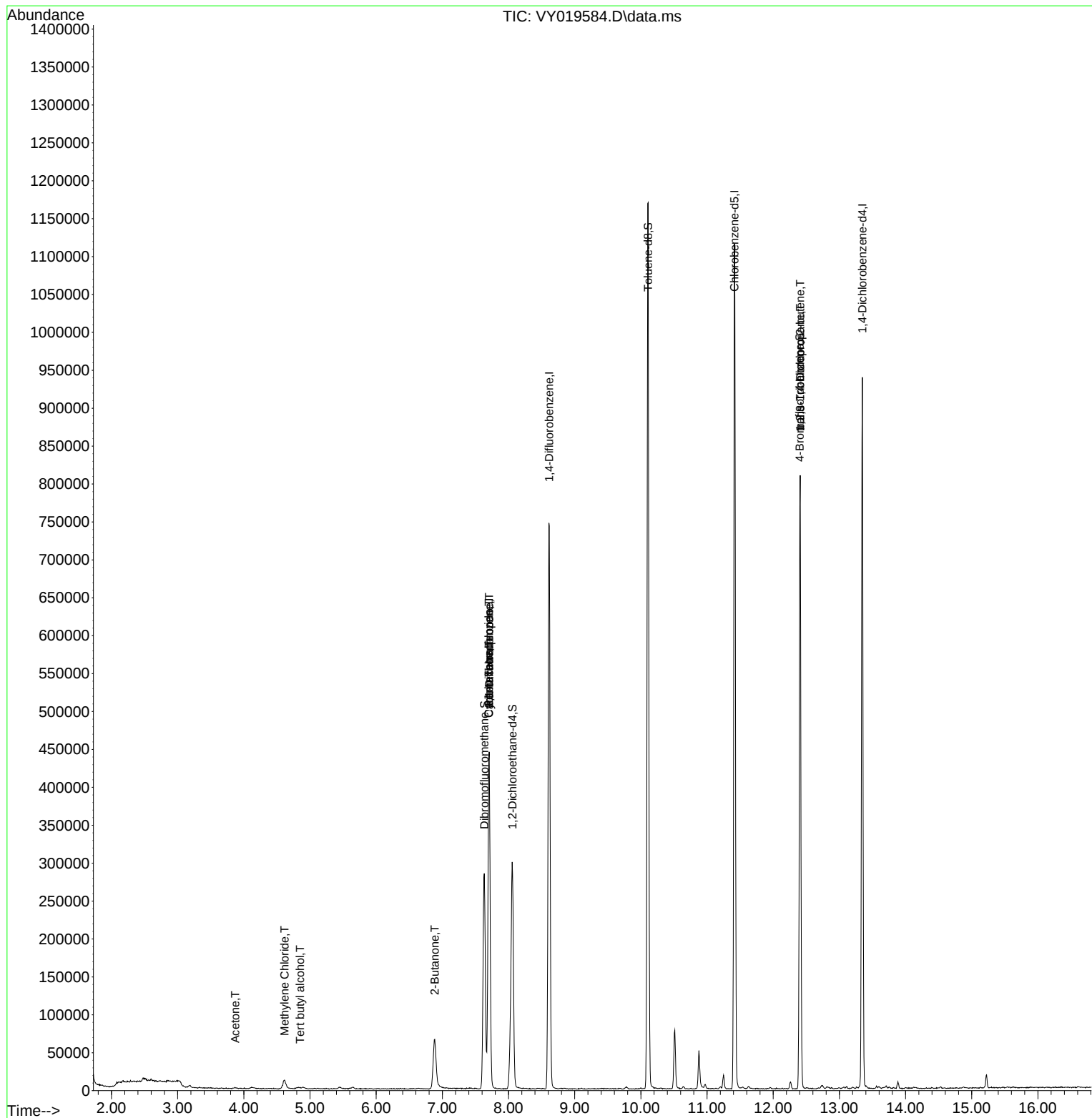
Internal Standards						
1) Pentafluorobenzene	7.707	168	328088	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	644069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	579610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201523	66.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.660%	
35) Dibromofluoromethane	7.634	113	206762	56.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.240%	
50) Toluene-d8	10.109	98	770818	57.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.140%	
62) 4-Bromofluorobenzene	12.401	95	250476	48.228	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	190	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	350	1.427	ug/l #	1
13) Acrolein	3.671	56	67	Below Cal	#	1
16) Acetone	3.872	43	2248	3.106	ug/l #	57
20) Methylene Chloride	4.616	84	8089	2.451	ug/l #	86
25) 2-Butanone	6.884	43	3847	3.737	ug/l #	85
31) Cyclohexane	7.701	56	8304	1.527	ug/l #	6
36) 1,1-Dichloropropene	7.707	75	28491	5.734	ug/l #	48
38) Carbon Tetrachloride	7.701	117	35978	6.421	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	136757	66.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	136757	126.733	ug/l #	16

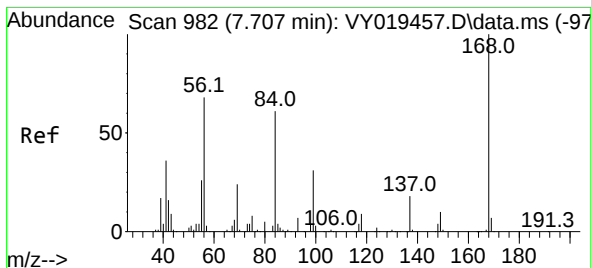
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 9

Delta R.T. 0.000 min

Lab File: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

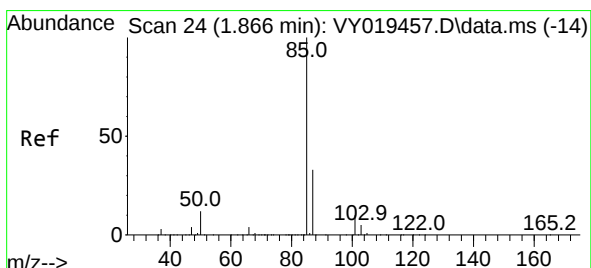
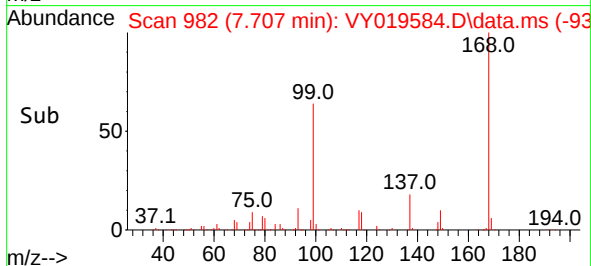
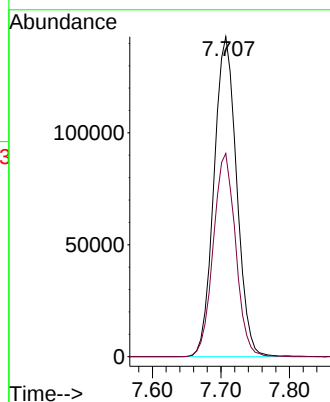
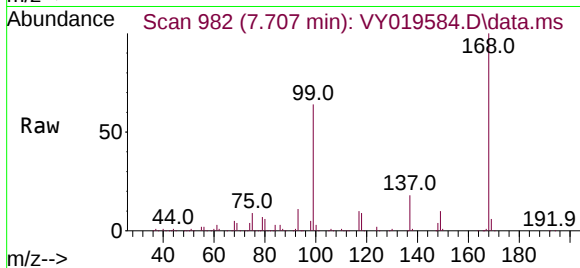
ClientSampleId :

Tgt Ion:168 Resp: 328088

Ion Ratio Lower Upper

168 100

99 63.5 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.861 min Scan# 23

Delta R.T. -0.005 min

Lab File: VY019584.D

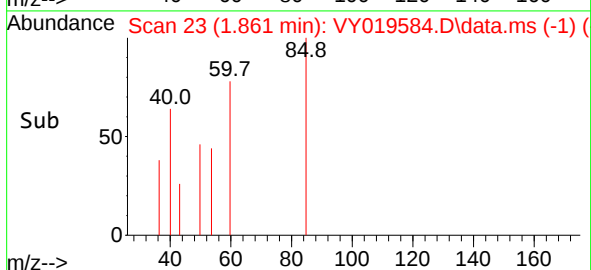
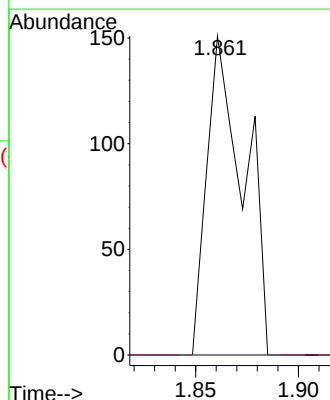
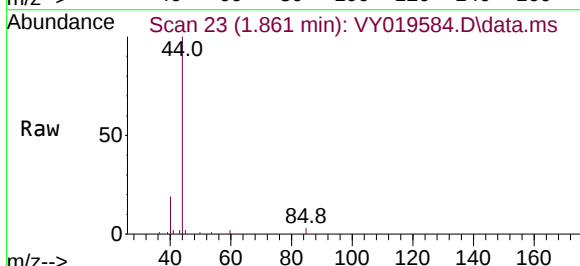
Acq: 17 Sep 2024 14:38

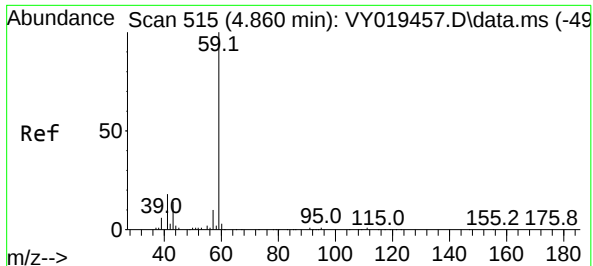
Tgt Ion: 85 Resp: 190

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.427 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

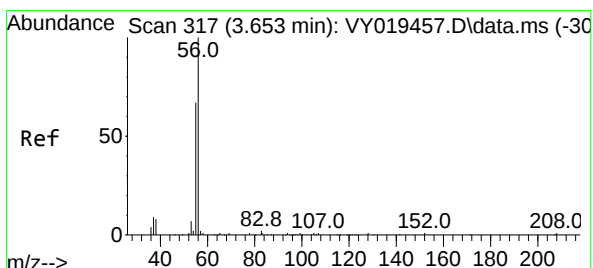
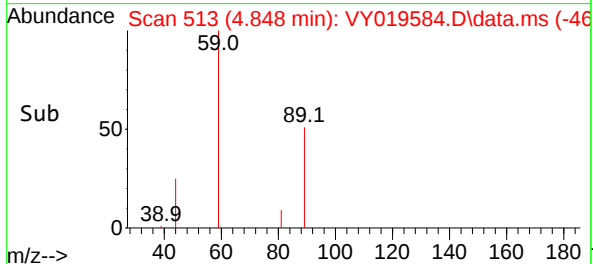
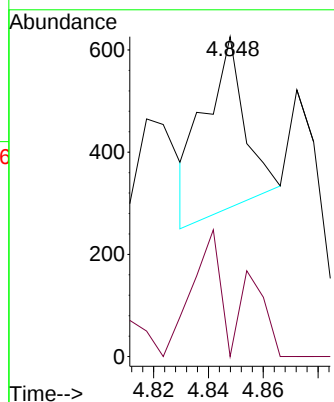
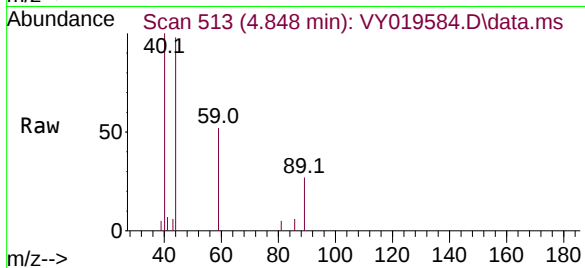
ClientSampleId :

Tgt Ion: 59 Resp: 350

Ion Ratio Lower Upper

59 100

57 50.6 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.671 min Scan# 320

Delta R.T. 0.018 min

Lab File: VY019584.D

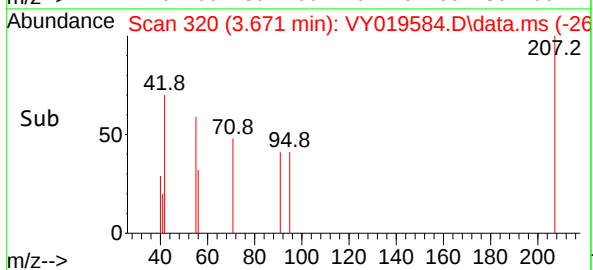
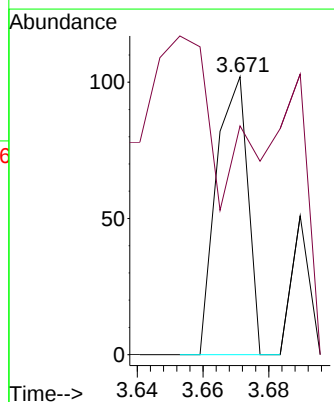
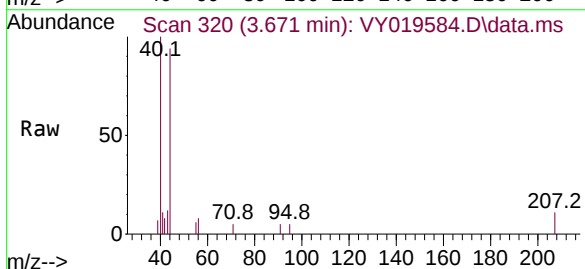
Acq: 17 Sep 2024 14:38

Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 367.2 55.7 83.5#

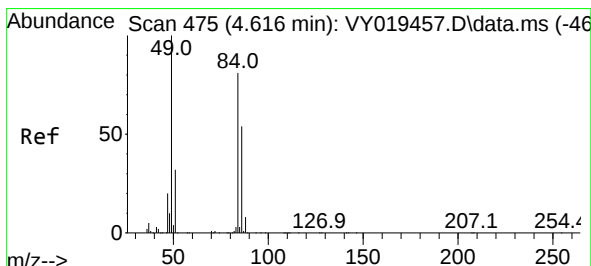
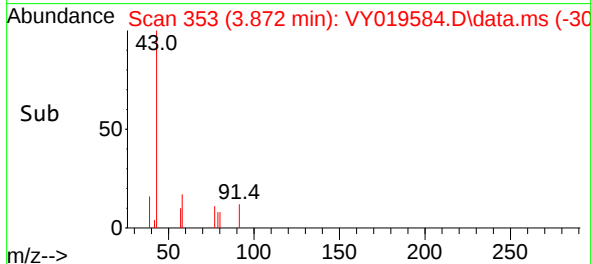
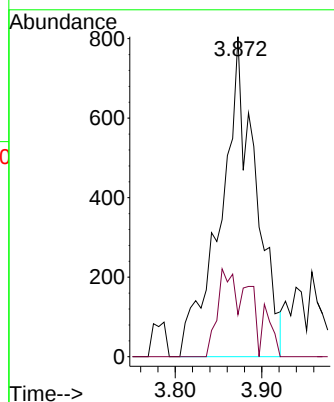
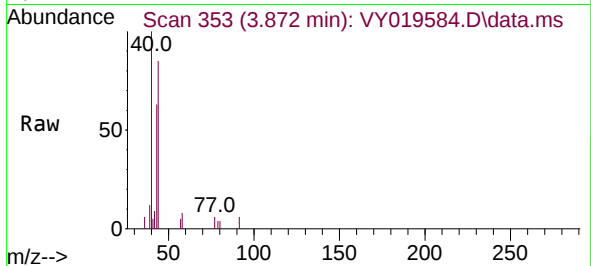




#16
Acetone
Concen: 3.106 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

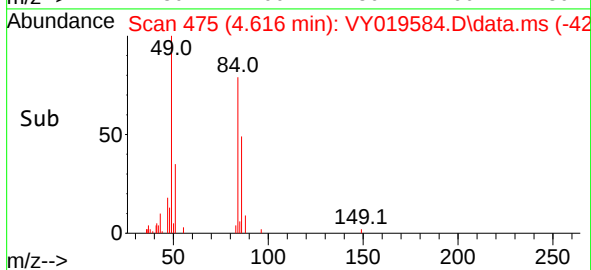
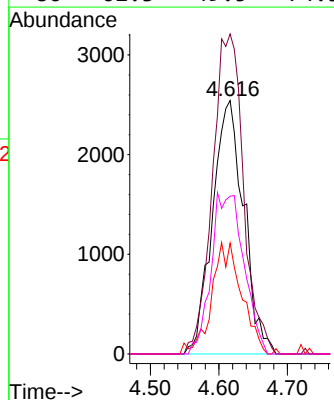
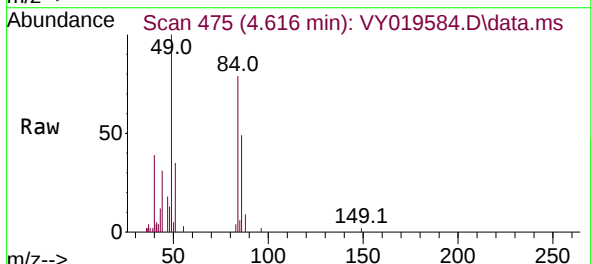
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2248
Ion Ratio Lower Upper
43 100
58 13.2 31.7 47.5#



#20
Methylene Chloride
Concen: 2.451 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

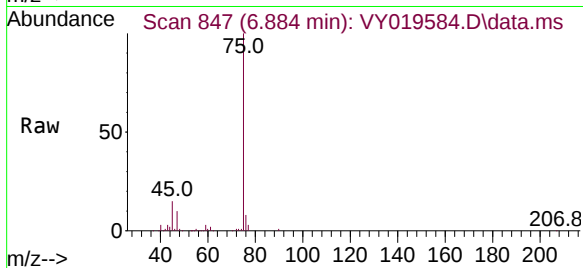
Tgt Ion: 84 Resp: 8089
Ion Ratio Lower Upper
84 100
49 126.2 84.4 126.6
51 43.8 26.0 39.0#
86 62.3 49.5 74.3



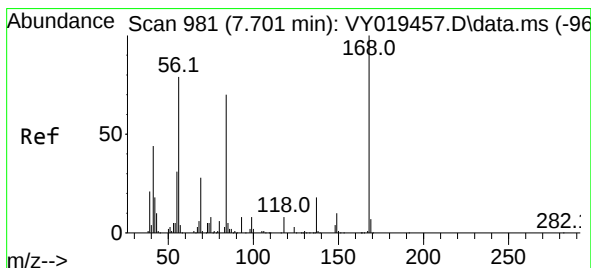
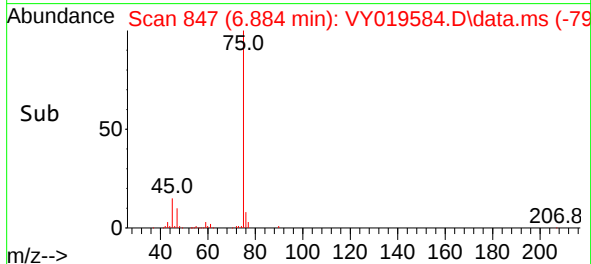
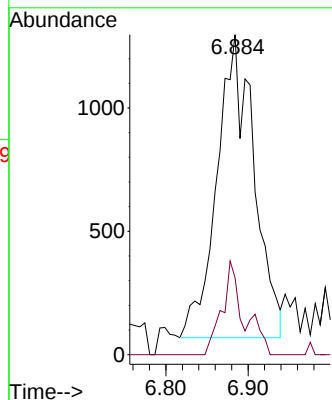


#25
2-Butanone
Concen: 3.737 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

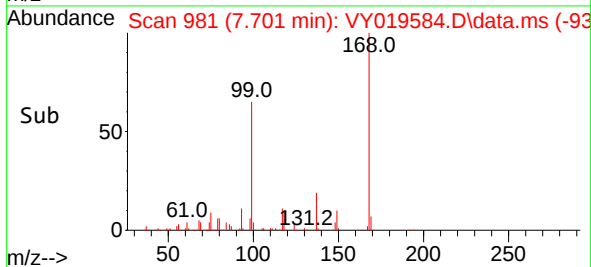
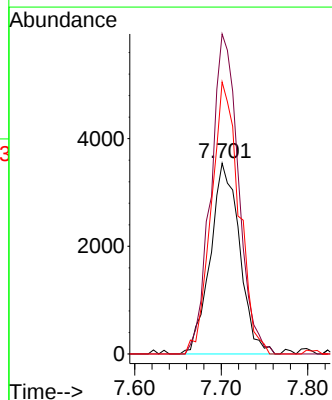
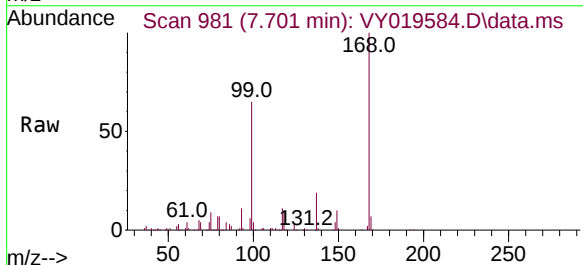


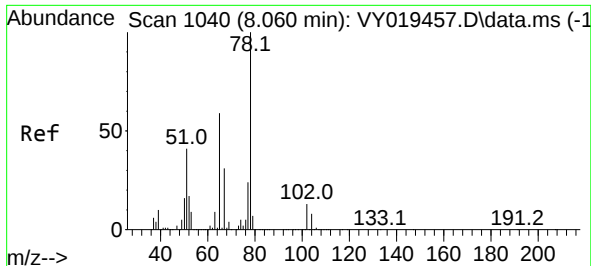
Tgt Ion: 43 Resp: 3847
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#31
Cyclohexane
Concen: 1.527 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Tgt Ion: 56 Resp: 8304
Ion Ratio Lower Upper
56 100
69 167.7 28.7 43.1#
84 142.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.334 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

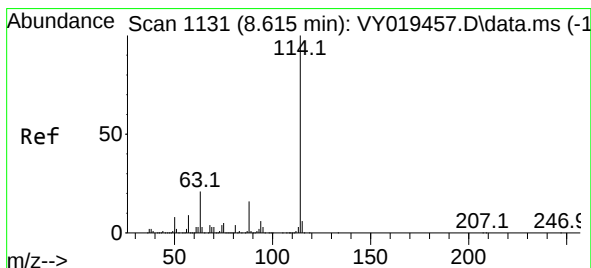
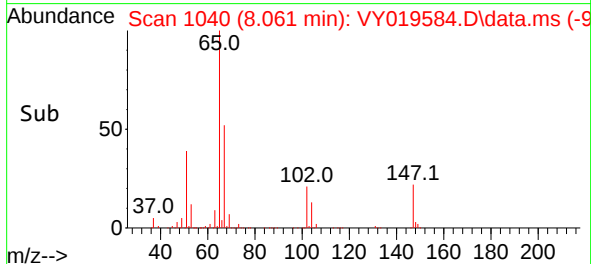
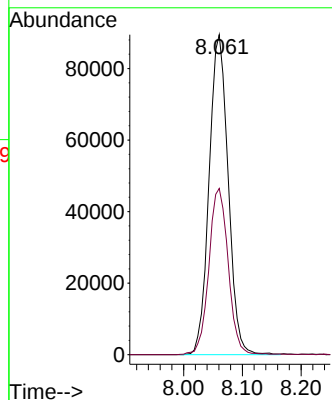
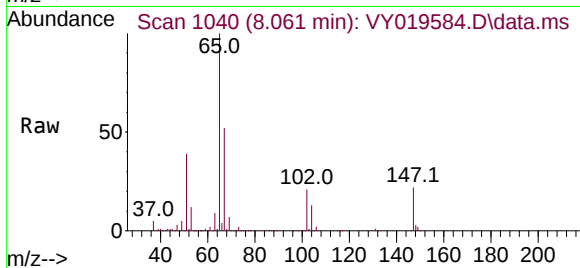
ClientSampleId :

Tgt Ion: 65 Resp: 201523

Ion Ratio Lower Upper

65 100

67 52.7 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: VY019584.D

Acq: 17 Sep 2024 14:38

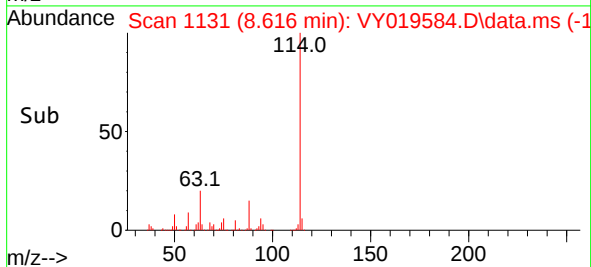
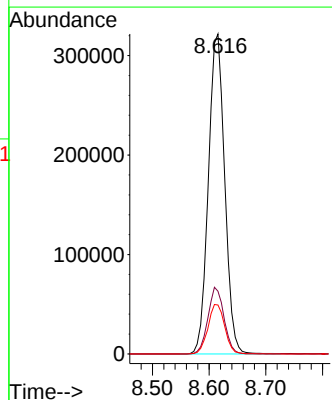
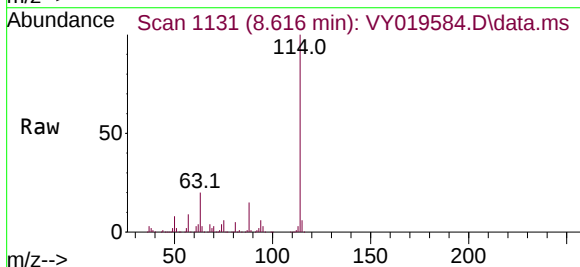
Tgt Ion: 114 Resp: 644069

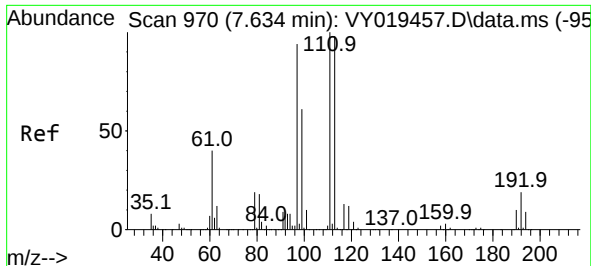
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

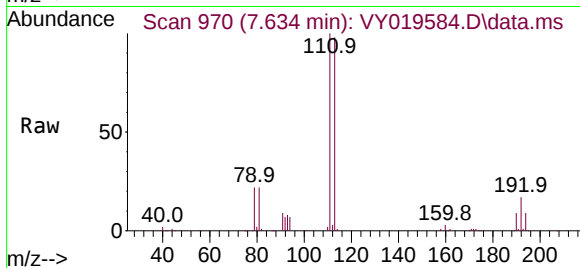
88 15.3 0.0 27.2



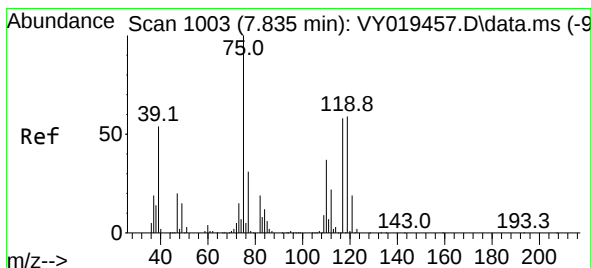
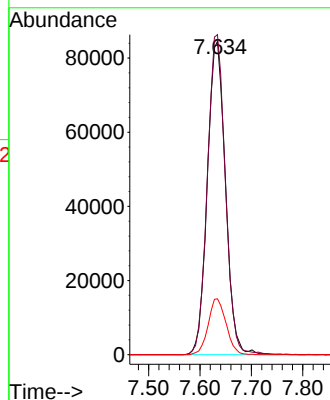
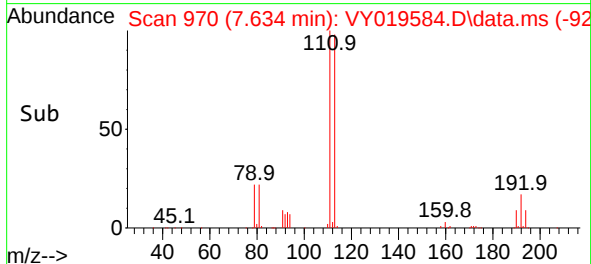


#35
Dibromofluoromethane
Concen: 56.620 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

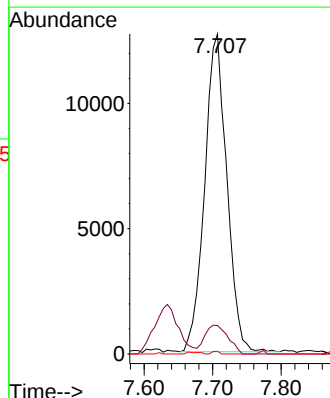
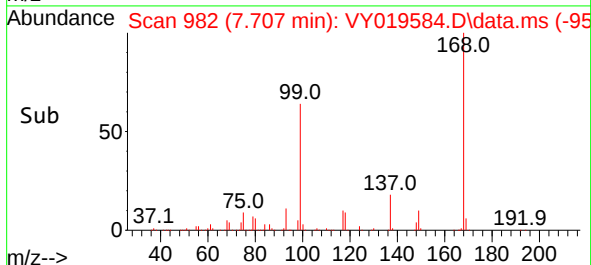
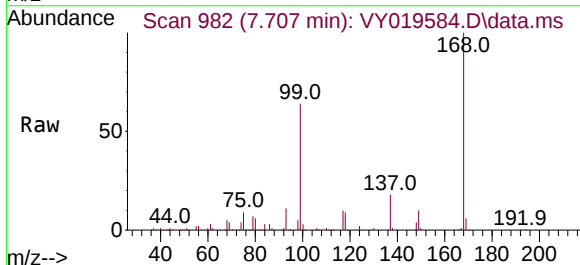


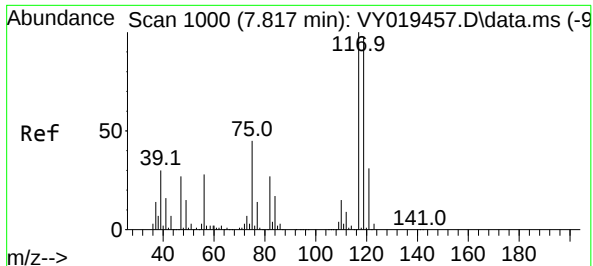
Tgt Ion:113 Resp: 206762
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.734 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

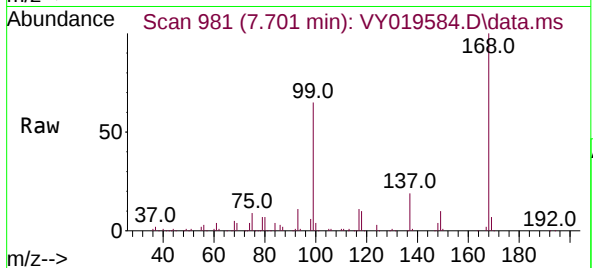
Tgt Ion: 75 Resp: 28491
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.3 25.3 37.9#



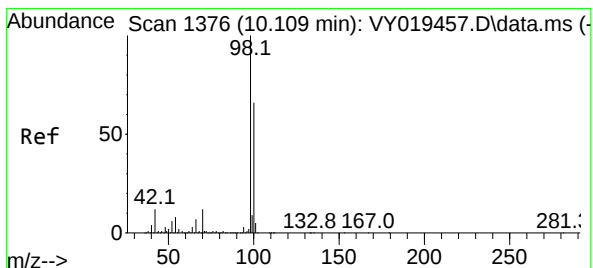
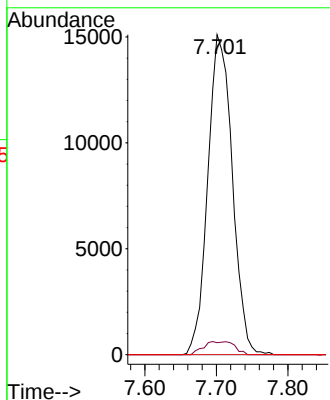
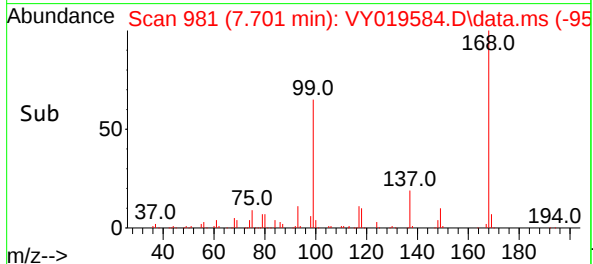


#38
Carbon Tetrachloride
Concen: 6.421 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

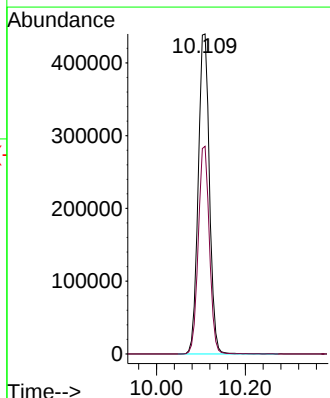
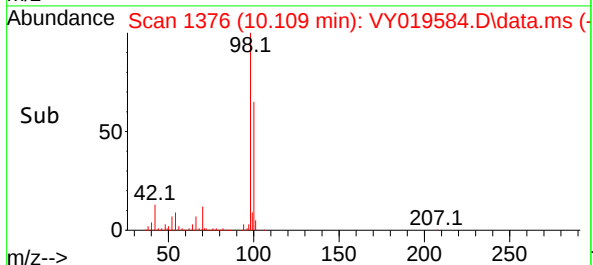
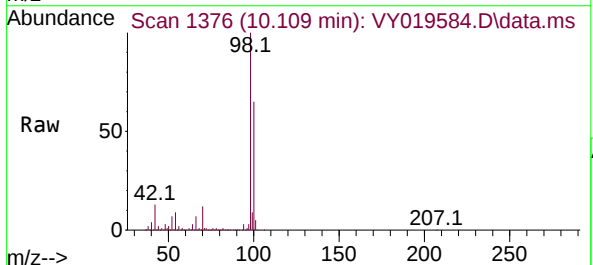


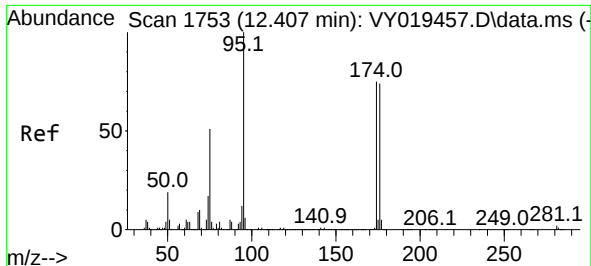
Tgt Ion:117 Resp: 35978
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.068 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Tgt Ion: 98 Resp: 770818
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

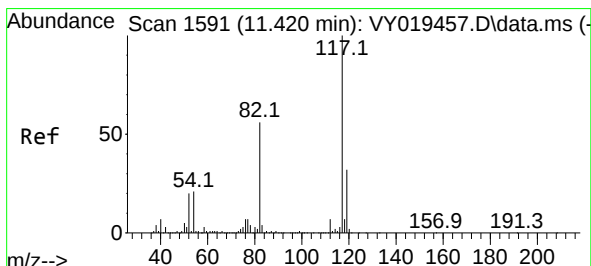
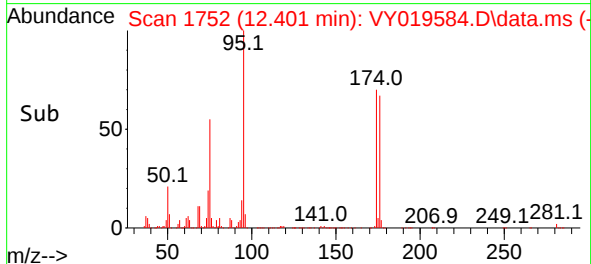
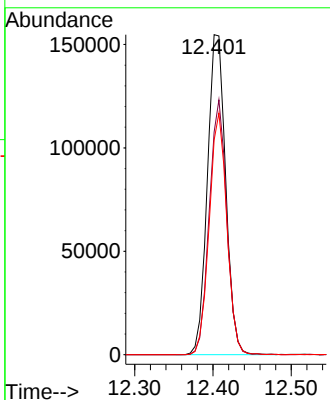
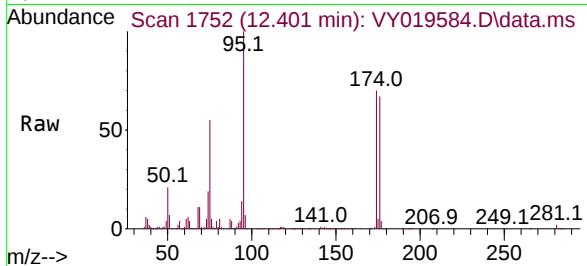




#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

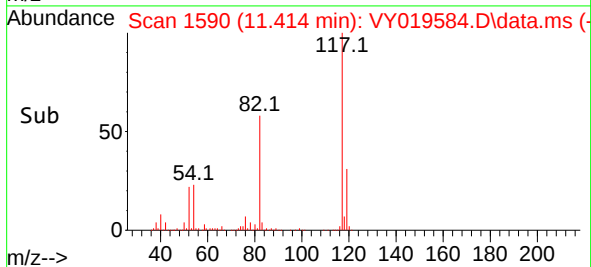
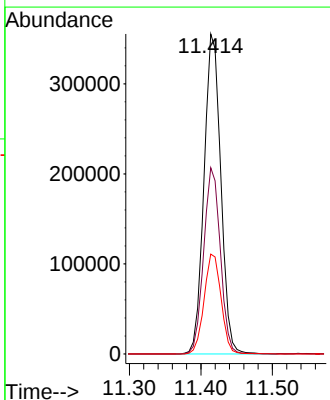
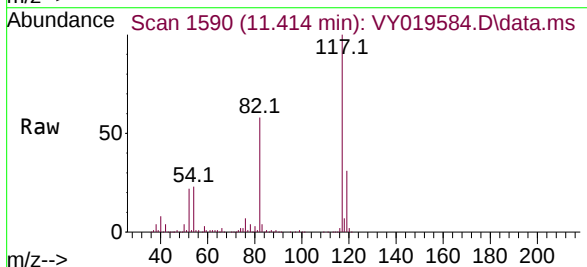
Instrument :
MSVOA_Y
ClientSampleId :

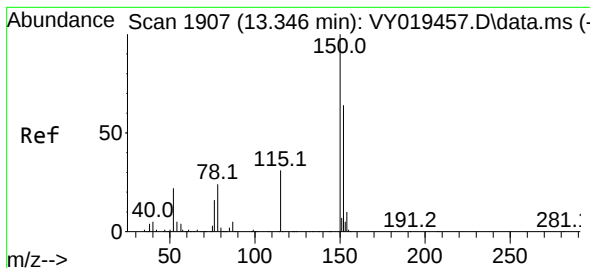
Tgt Ion: 95 Resp: 250476
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 72.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Tgt Ion: 117 Resp: 579610
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.2 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: VY019584.D

Acq: 17 Sep 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

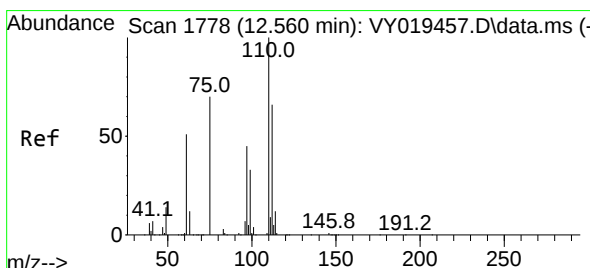
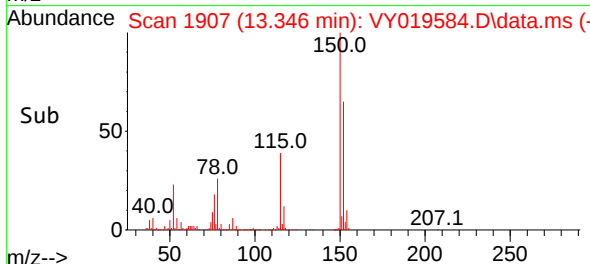
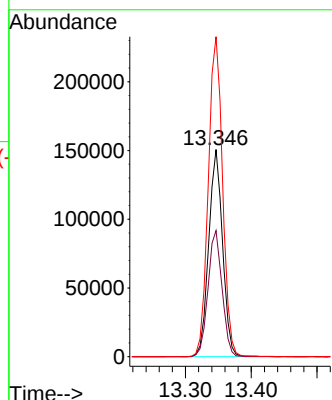
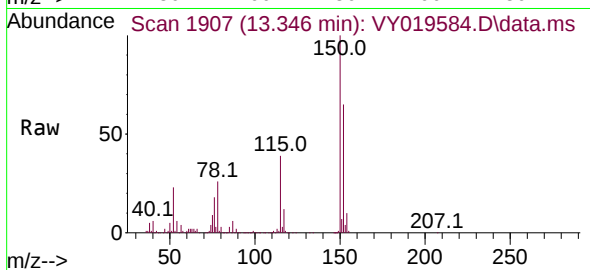
Tgt Ion:152 Resp: 221015

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 159.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.017 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019584.D

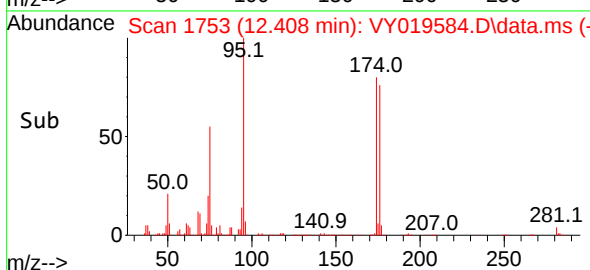
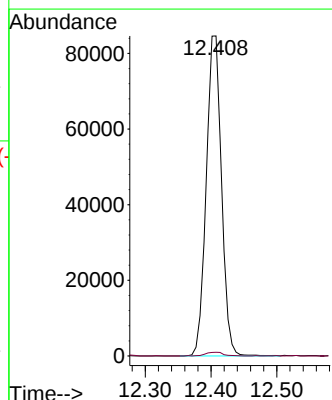
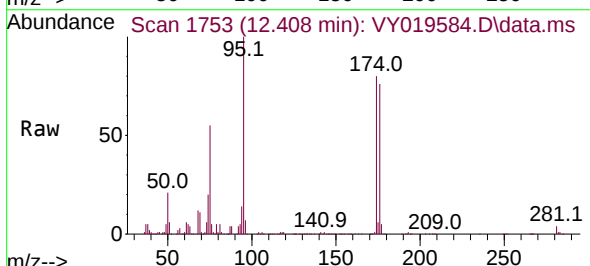
Acq: 17 Sep 2024 14:38

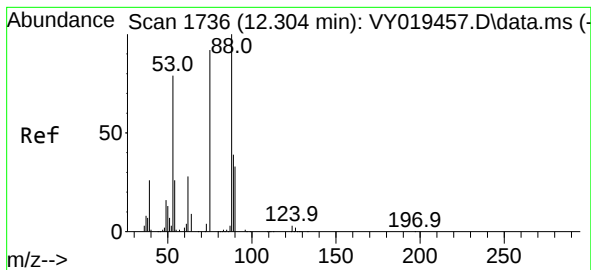
Tgt Ion: 75 Resp: 136757

Ion Ratio Lower Upper

75 100

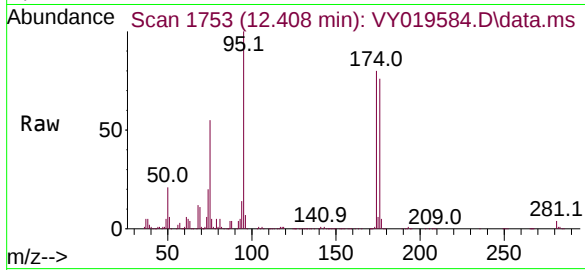
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.733 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019584.D
Acq: 17 Sep 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 136757
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

