

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019690.D
 Acq On : 25 Sep 2024 12:17
 Operator : SY/MD
 Sample : VY0925SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 03:57:05 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)

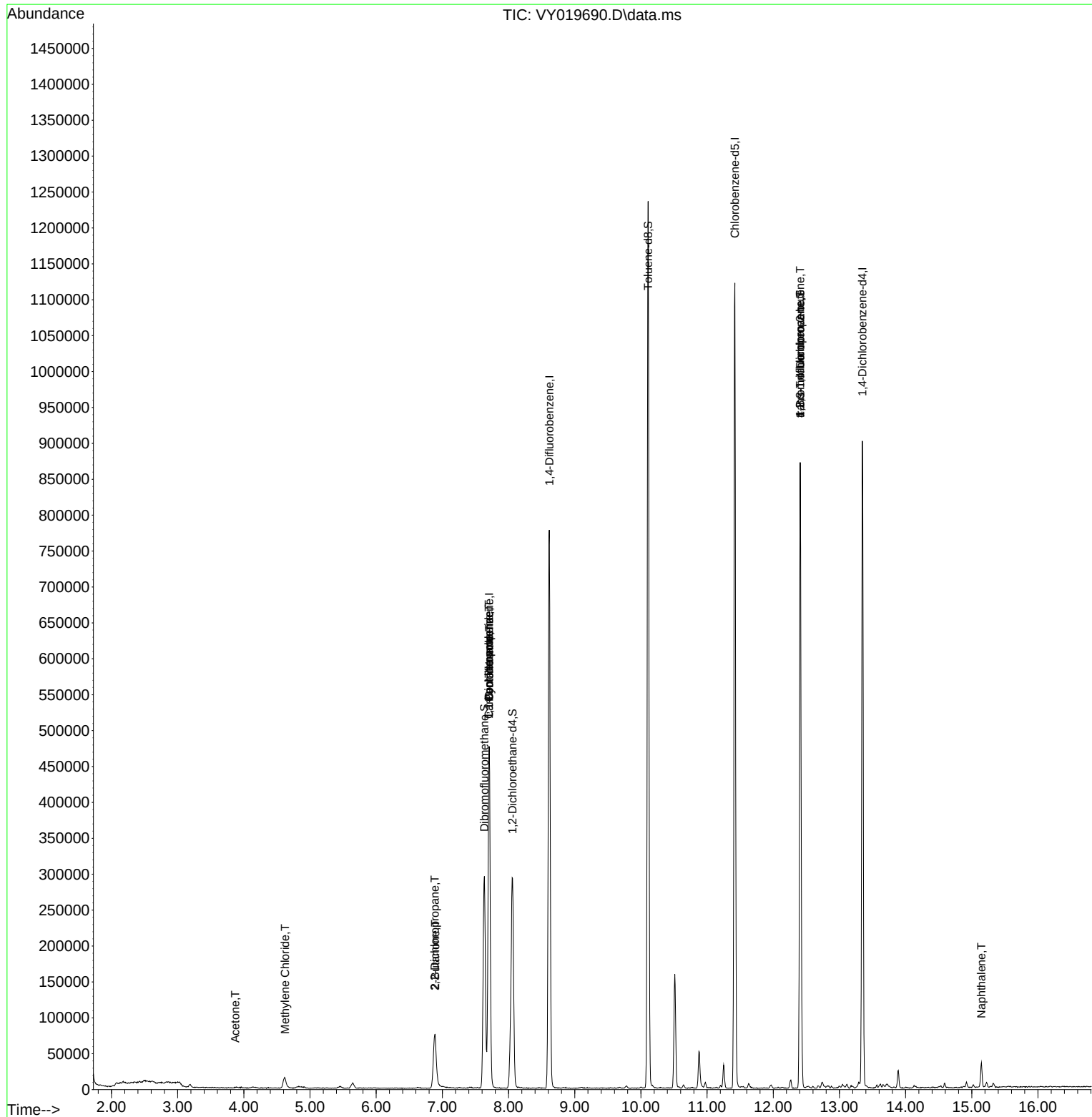
Internal Standards						
1) Pentafluorobenzene	7.707	168	357035	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	675033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	594944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202314	61.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.380%	
35) Dibromofluoromethane	7.634	113	214137	55.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.900%	
50) Toluene-d8	10.109	98	793553	56.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.408	95	253630	46.596	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	112	Below Cal	#	43
13) Acrolein	3.665	56	255	Below Cal	#	45
16) Acetone	3.872	43	2311	2.934	ug/l #	62
20) Methylene Chloride	4.622	84	10085	2.808	ug/l	94
25) 2-Butanone	6.890	43	4734	4.226	ug/l #	75
26) 2,2-Dichloropropane	6.884	77	5946	1.007	ug/l #	51
31) Cyclohexane	7.707	56	8707	1.472	ug/l #	23
36) 1,1-Dichloropropene	7.701	75	30952	5.943	ug/l #	48
38) Carbon Tetrachloride	7.701	117	38366	6.533	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	139296	67.103	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	139296	128.819	ug/l #	16
95) Naphthalene	15.145	128	26151	3.475	ug/l	98

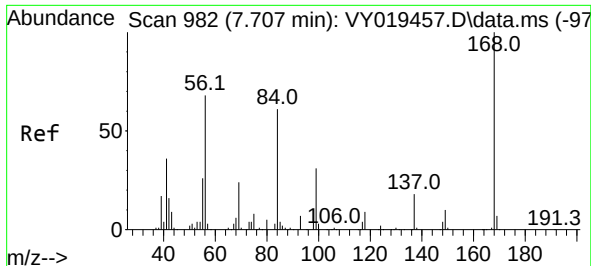
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
Data File : VY019690.D
Acq On : 25 Sep 2024 12:17
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 26 03:57:05 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

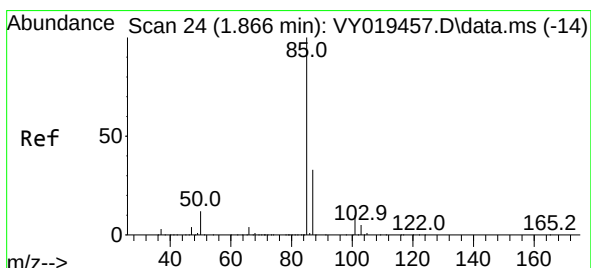
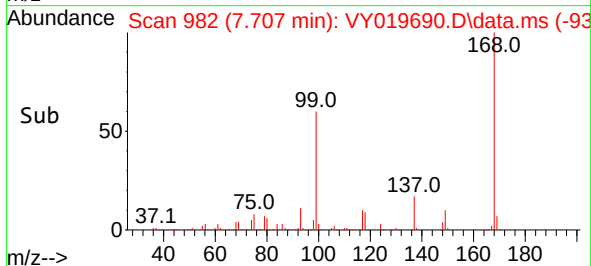
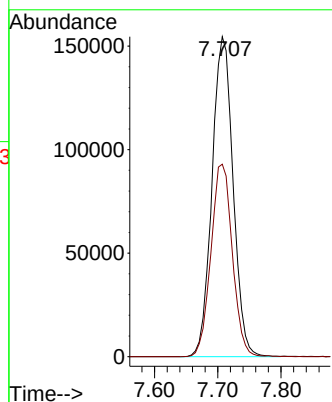
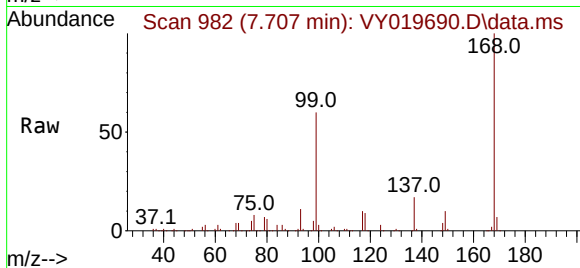




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

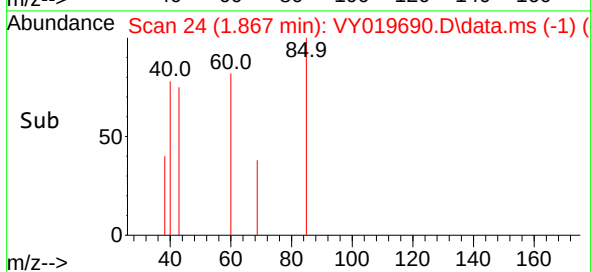
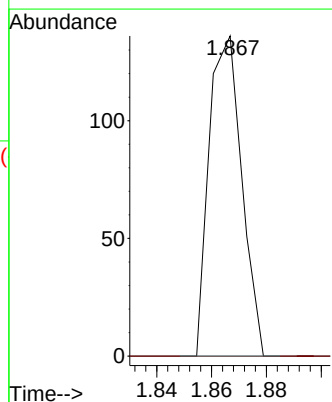
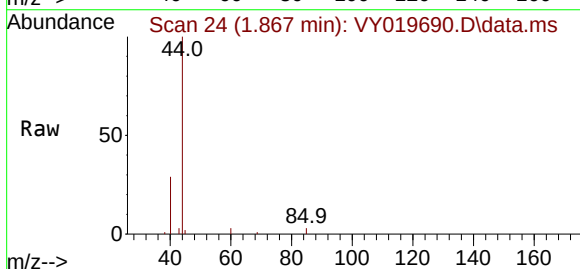
Instrument :
MSVOA_Y
ClientSampleId :

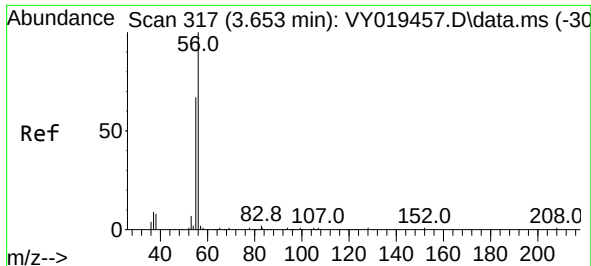
Tgt Ion:168 Resp: 357035
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Tgt Ion: 85 Resp: 112
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#13

Acrolein

Concen: Below Cal

RT: 3.665 min Scan# 317

Delta R.T. 0.012 min

Lab File: VY019690.D

Acq: 25 Sep 2024 12:17

Instrument :

MSVOA_Y

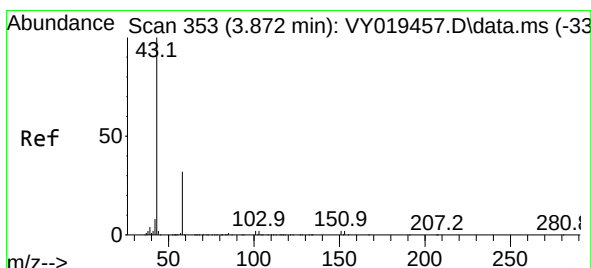
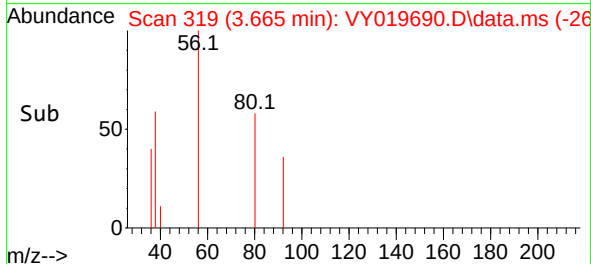
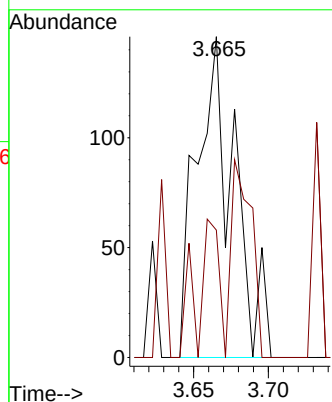
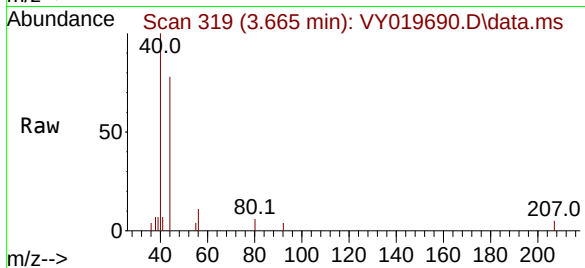
ClientSampleId :

Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 24.7 55.7 83.5#



#16

Acetone

Concen: 2.934 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019690.D

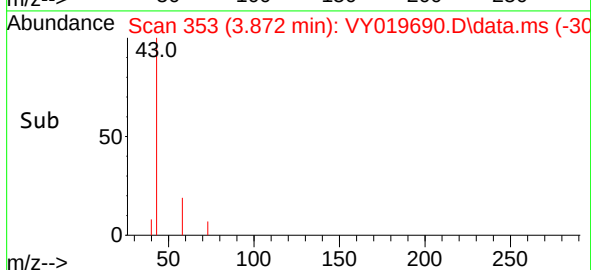
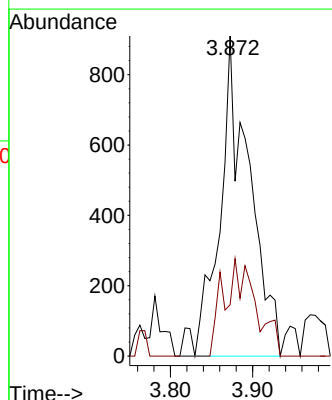
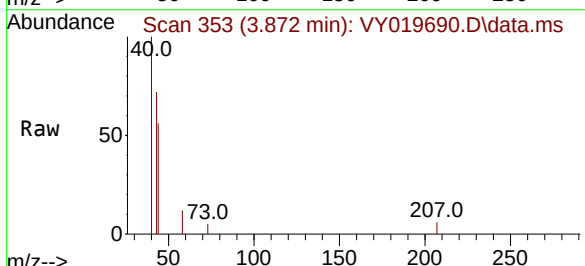
Acq: 25 Sep 2024 12:17

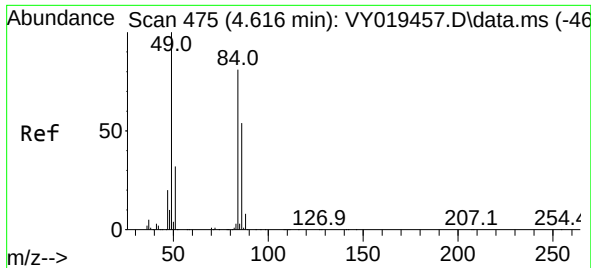
Tgt Ion: 43 Resp: 2311

Ion Ratio Lower Upper

43 100

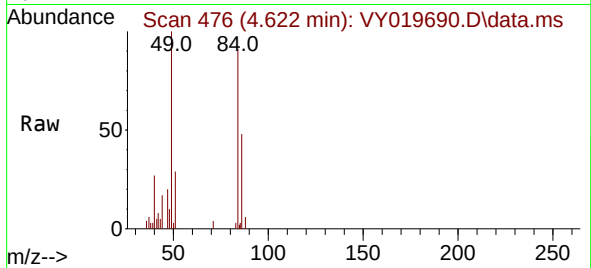
58 16.0 31.7 47.5#



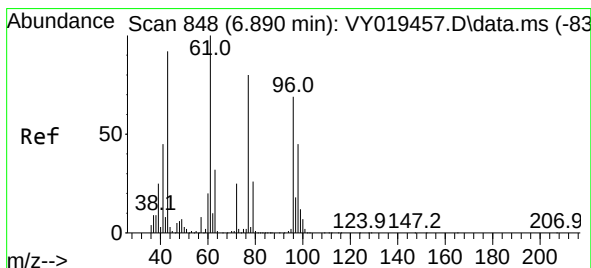
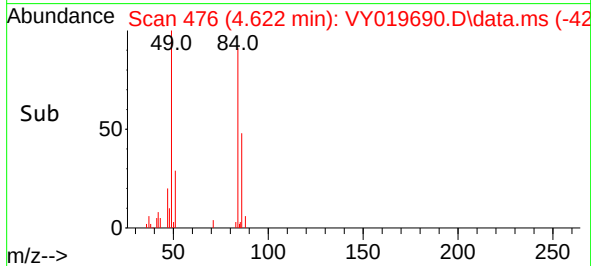
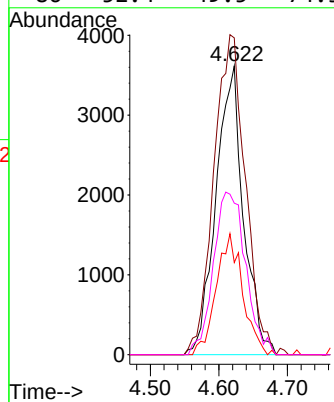


#20
Methylene Chloride
Concen: 2.808 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

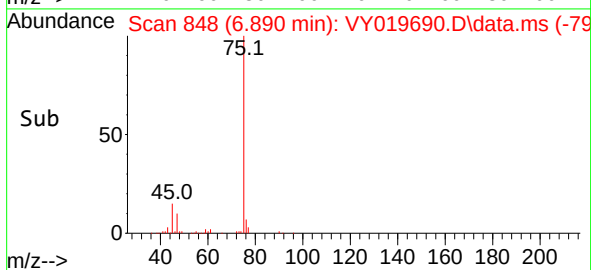
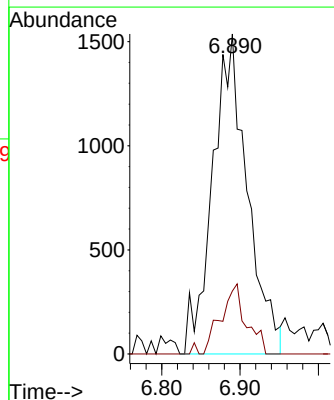
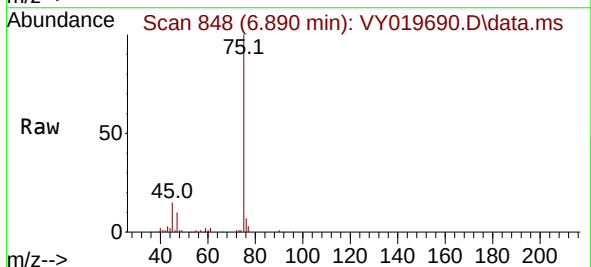


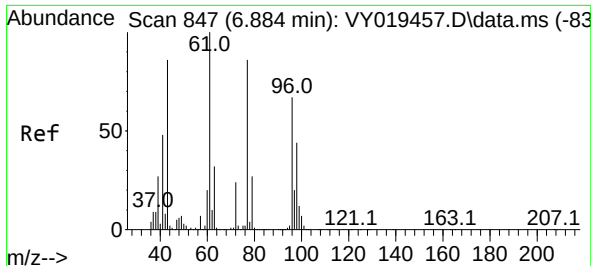
Tgt Ion:	84	Resp:	10085
Ion	Ratio	Lower	Upper
84	100		
49	109.6	84.4	126.6
51	31.9	26.0	39.0
86	52.4	49.5	74.3



#25
2-Butanone
Concen: 4.226 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Tgt Ion:	43	Resp:	4734
Ion	Ratio	Lower	Upper
43	100		
72	19.6	27.3	40.9#





#26

2,2-Dichloropropane

Concen: 1.007 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

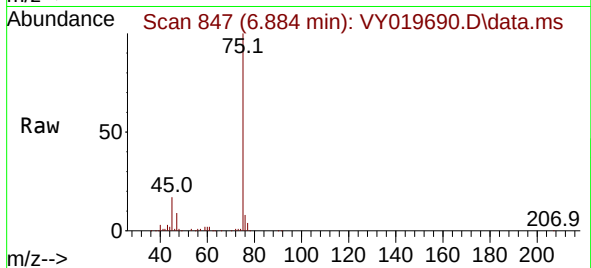
Lab File: VY019690.D

Acq: 25 Sep 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

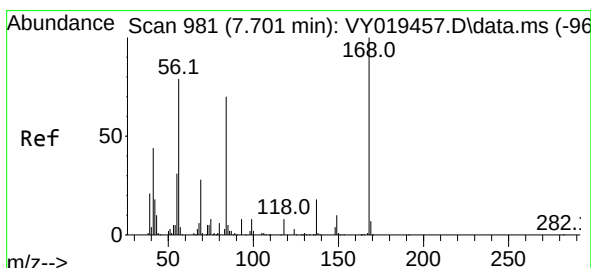
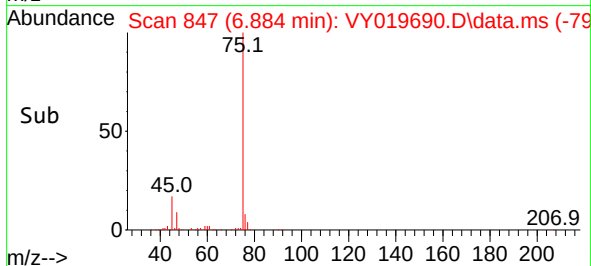
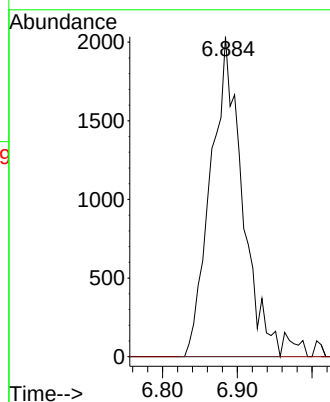


Tgt Ion: 77 Resp: 5946

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#31

Cyclohexane

Concen: 1.472 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019690.D

Acq: 25 Sep 2024 12:17

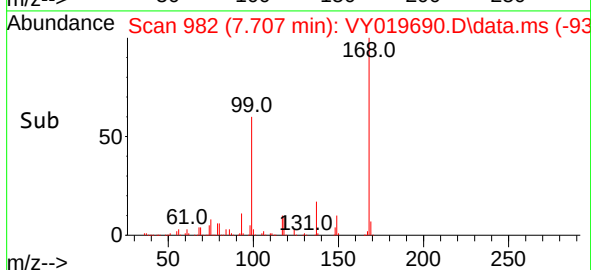
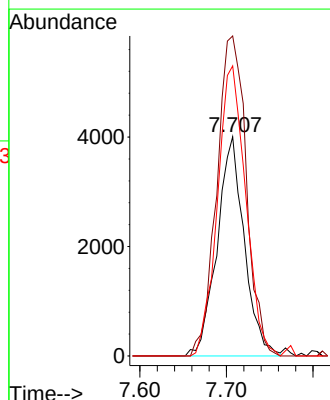
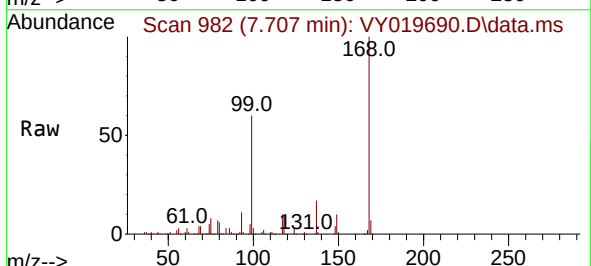
Tgt Ion: 56 Resp: 8707

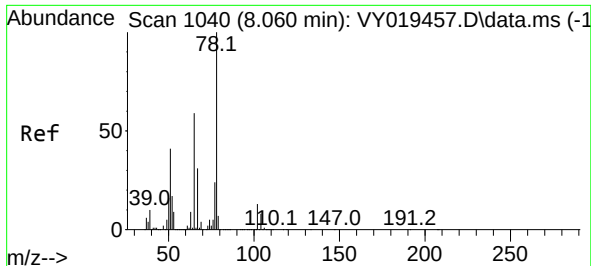
Ion Ratio Lower Upper

56 100

69 146.0 28.7 43.1#

84 132.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.195 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019690.D

Acq: 25 Sep 2024 12:17

Instrument :

MSVOA_Y

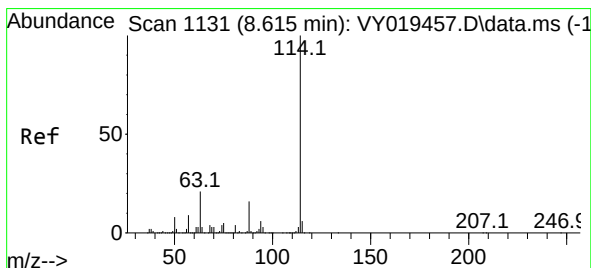
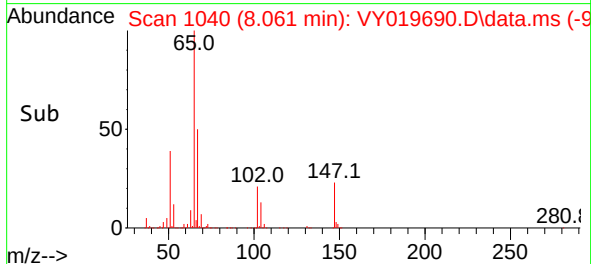
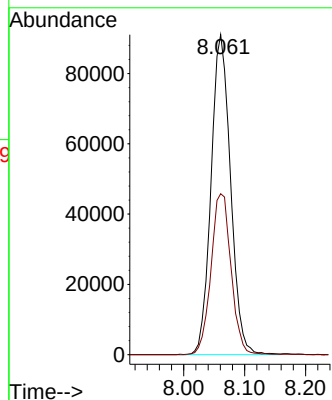
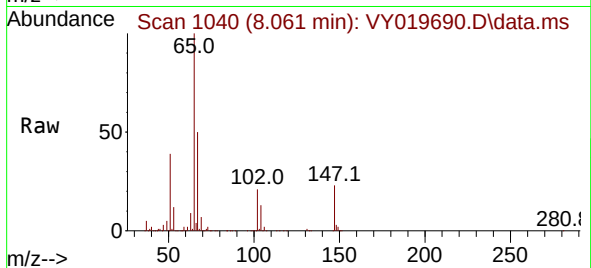
ClientSampleId :

Tgt Ion: 65 Resp: 202314

Ion Ratio Lower Upper

65 100

67 51.9 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: VY019690.D

Acq: 25 Sep 2024 12:17

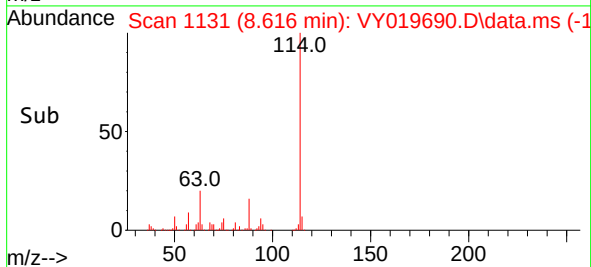
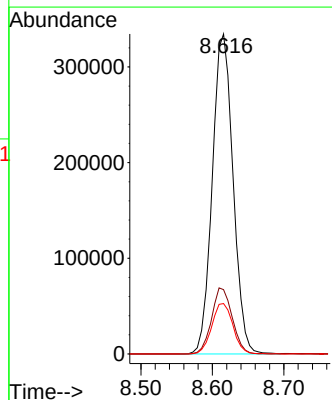
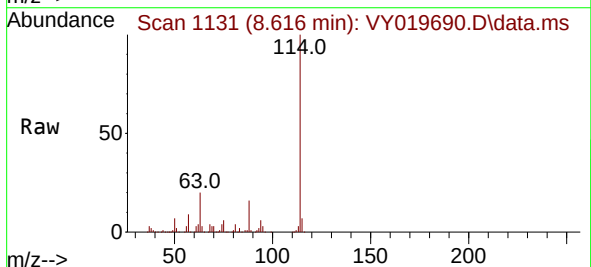
Tgt Ion: 114 Resp: 675033

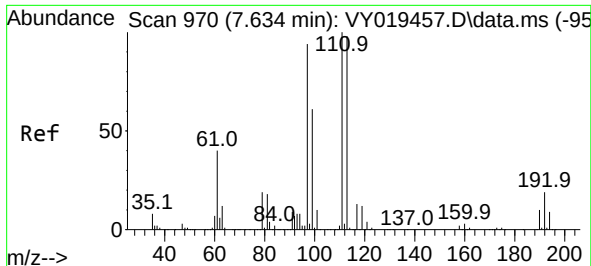
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 15.7 0.0 27.2

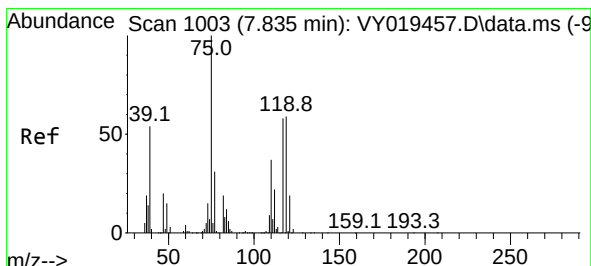
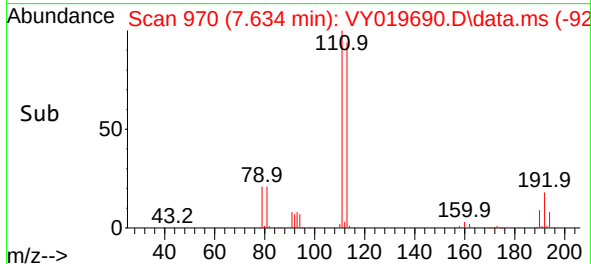
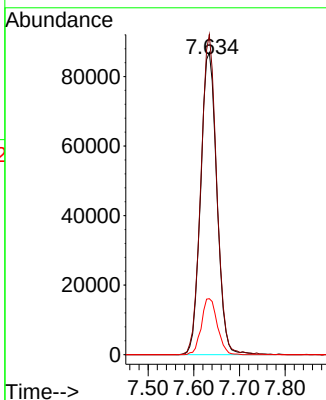
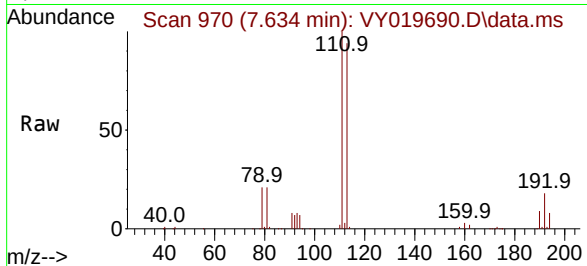




#35
Dibromofluoromethane
Concen: 55.950 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

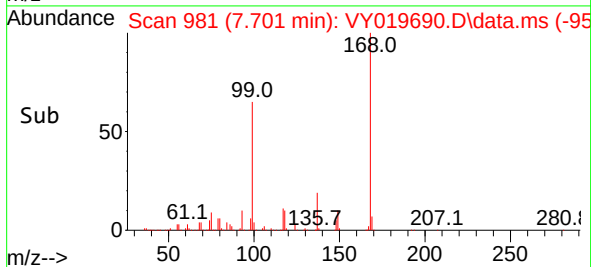
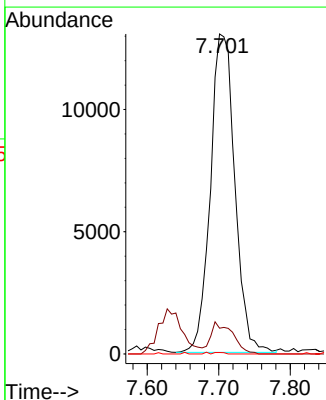
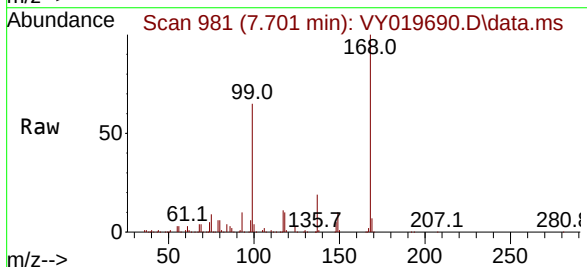
Instrument :
MSVOA_Y
ClientSampleId :

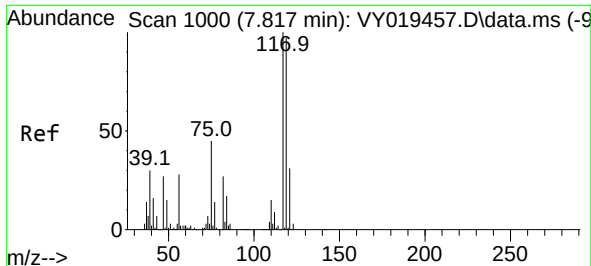
Tgt Ion:113 Resp: 214137
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.943 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

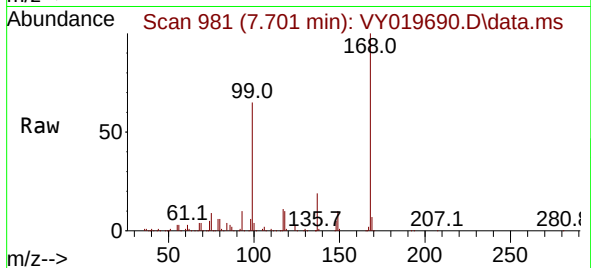
Tgt Ion: 75 Resp: 30952
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.2 25.3 37.9#



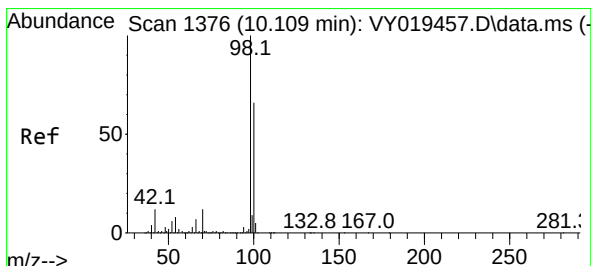
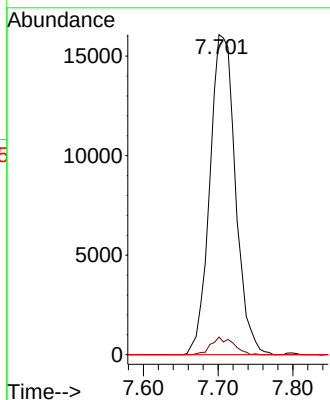
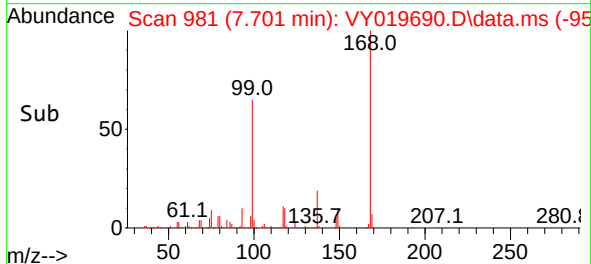


#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

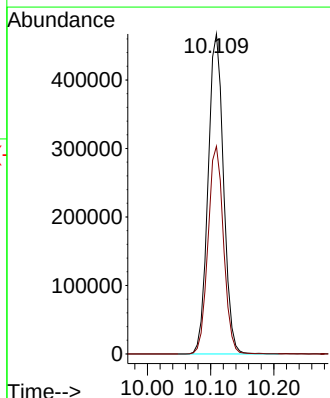
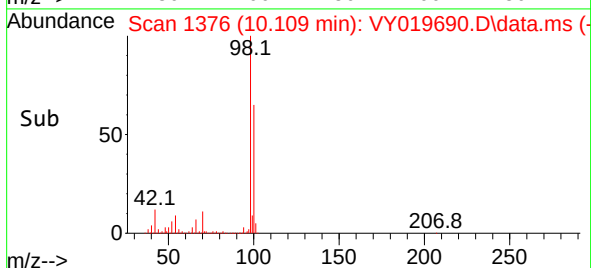
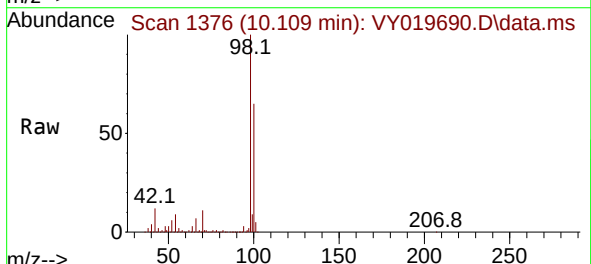


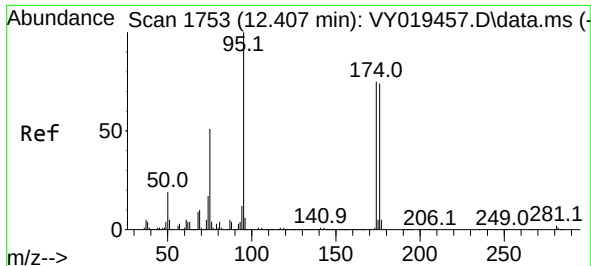
Tgt Ion:117 Resp: 38366
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.056 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Tgt Ion: 98 Resp: 793553
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

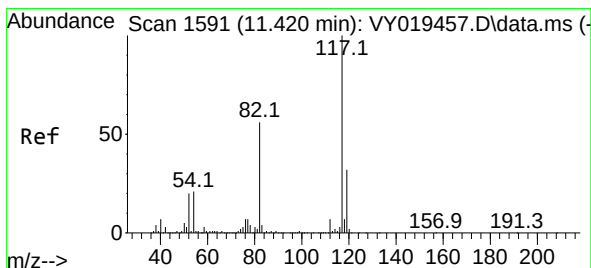
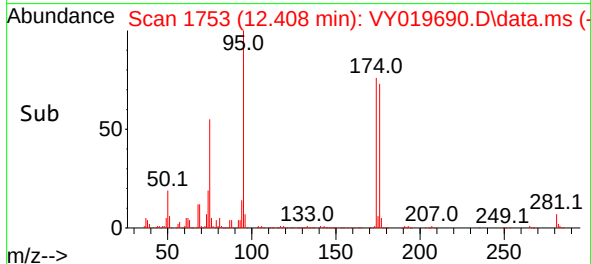
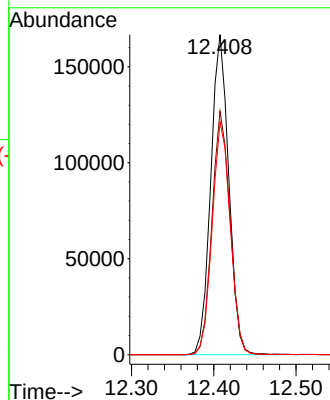
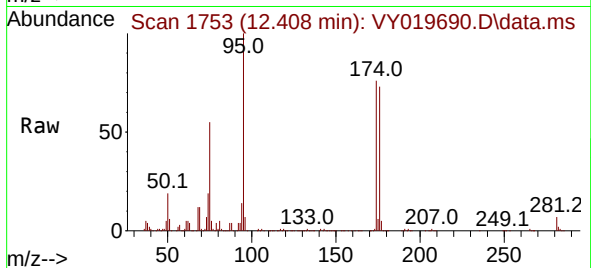




#62
4-Bromofluorobenzene
Concen: 46.596 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

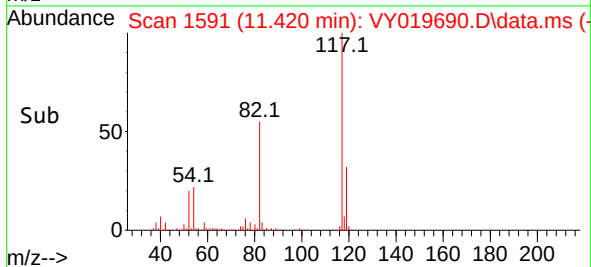
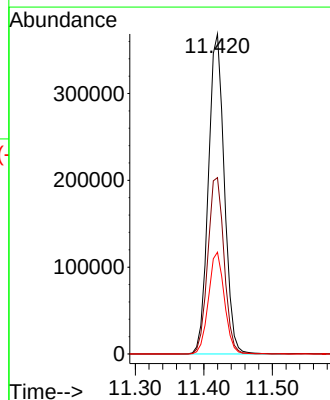
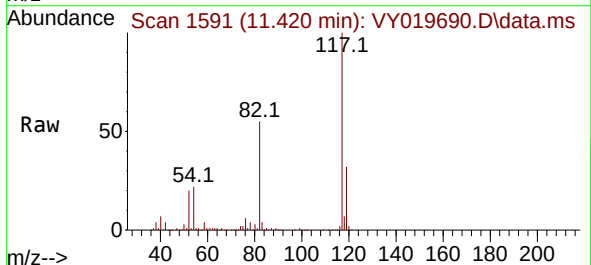
Instrument :
MSVOA_Y
ClientSampleId :

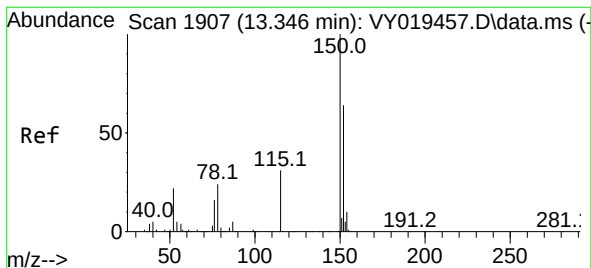
Tgt Ion: 95 Resp: 253630
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Tgt Ion: 117 Resp: 594944
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 31.8 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: VY019690.D

Acq: 25 Sep 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

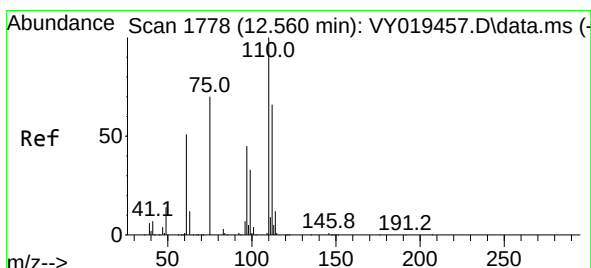
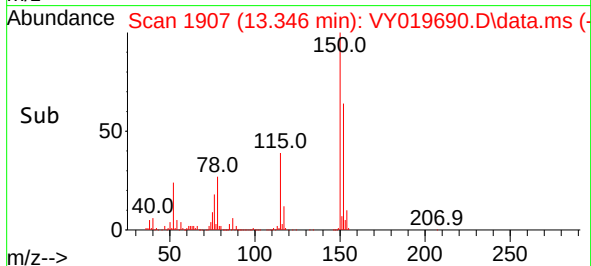
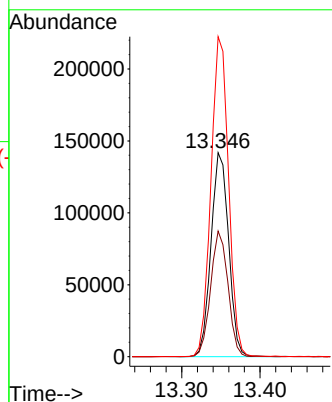
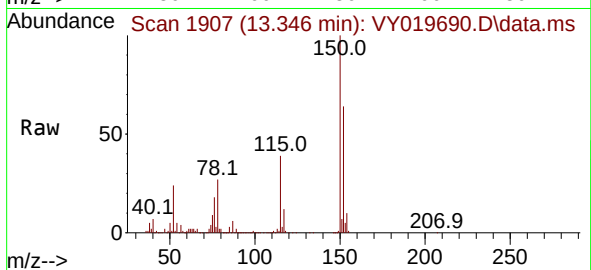
Tgt Ion:152 Resp: 221473

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.103 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019690.D

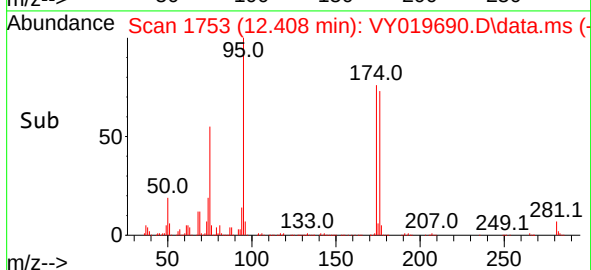
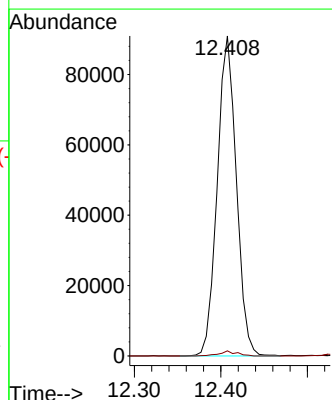
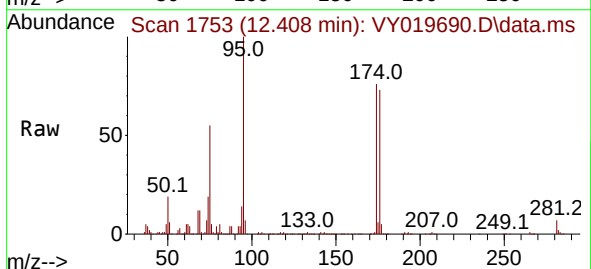
Acq: 25 Sep 2024 12:17

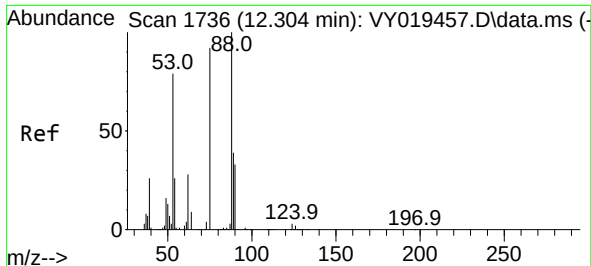
Tgt Ion: 75 Resp: 139296

Ion Ratio Lower Upper

75 100

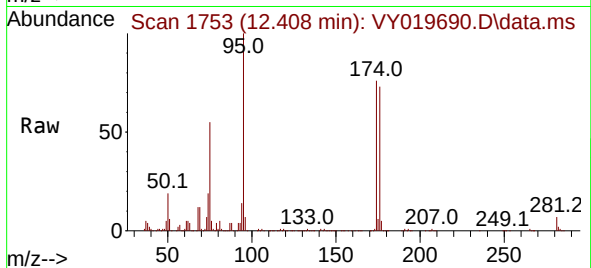
77 1.5 0.0 0.0#



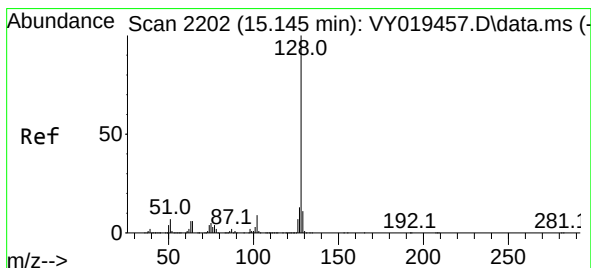
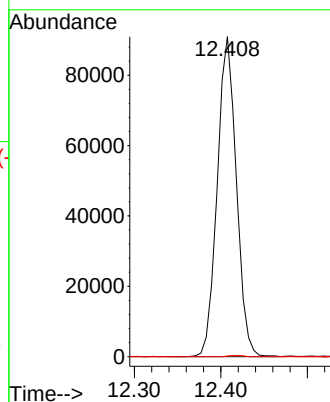
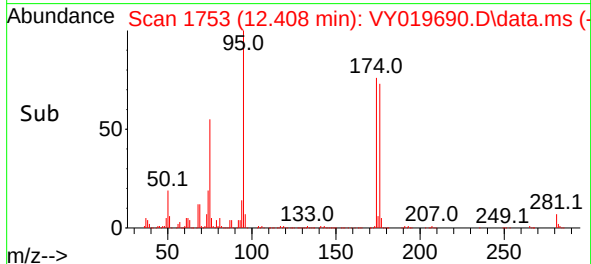


#81
trans-1,4-Dichloro-2-butene
Concen: 128.819 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 139296
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#



#95
Naphthalene
Concen: 3.475 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019690.D
Acq: 25 Sep 2024 12:17

Tgt Ion:128 Resp: 26151
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.2 8.6 13.0

