

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019780.D
 Acq On : 03 Oct 2024 12:10
 Operator : SY/MD
 Sample : P4258-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:25:06 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)

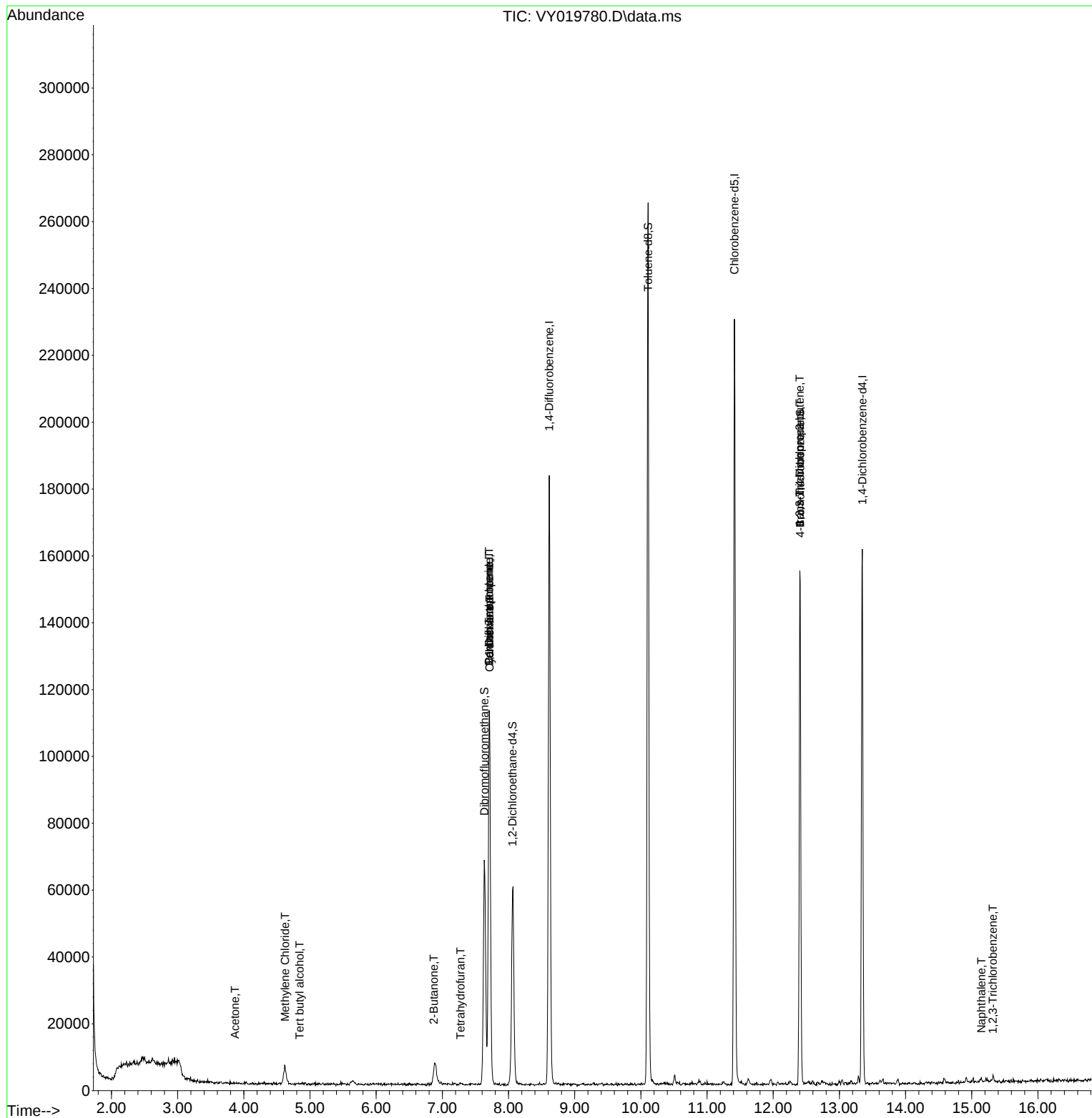
Internal Standards						
1) Pentafluorobenzene	7.707	168	82774	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	150343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	119106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	47695	62.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.634	113	48548	56.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.900%	
50) Toluene-d8	10.109	98	170941	54.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	12.408	95	49064	40.471	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	269	4.346	ug/l	# 62
13) Acrolein	3.891	56	23	Below Cal	#	15
16) Acetone	3.866	43	593	3.248	ug/l	# 36
20) Methylene Chloride	4.622	84	3612	4.337	ug/l	91
25) 2-Butanone	6.872	43	413	1.590	ug/l	# 41
29) Tetrahydrofuran	7.274	42	207	1.311	ug/l	# 26
31) Cyclohexane	7.713	56	2319	1.691	ug/l	# 47
36) 1,1-Dichloropropene	7.707	75	7506	6.471	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	9590	7.332	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	26322	73.025	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	26322	140.186	ug/l	# 16
95) Naphthalene	15.145	128	1413	1.081	ug/l	# 83
96) 1,2,3-Trichlorobenzene	15.316	180	692	1.240	ug/l	87

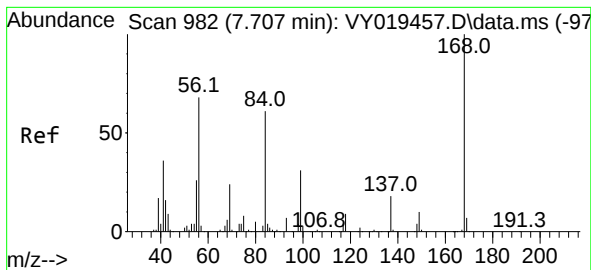
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

Instrument :

MSVOA_Y

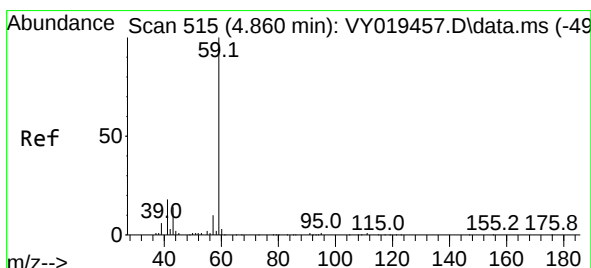
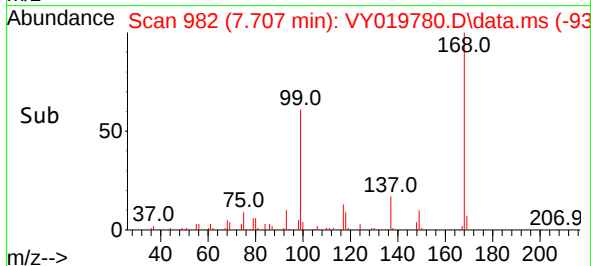
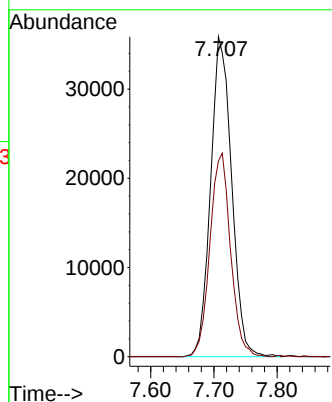
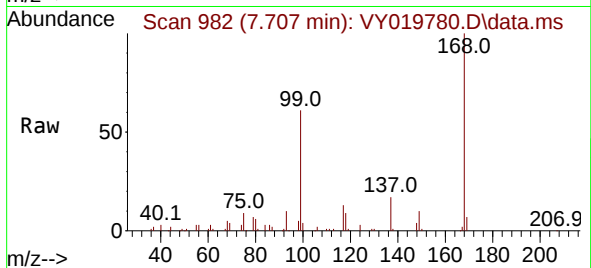
ClientSampleId :

Tgt Ion:168 Resp: 82774

Ion Ratio Lower Upper

168 100

99 61.2 39.1 58.7#



#11

Tert butyl alcohol

Concen: 4.346 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.018 min

Lab File: VY019780.D

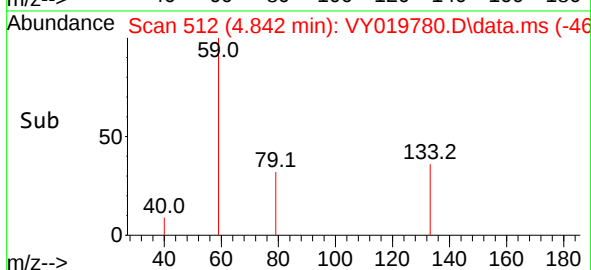
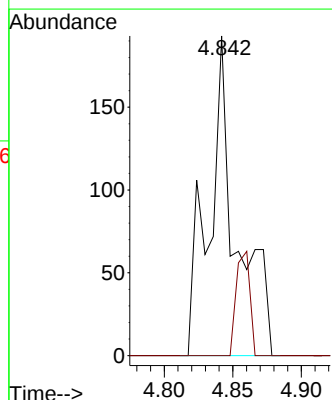
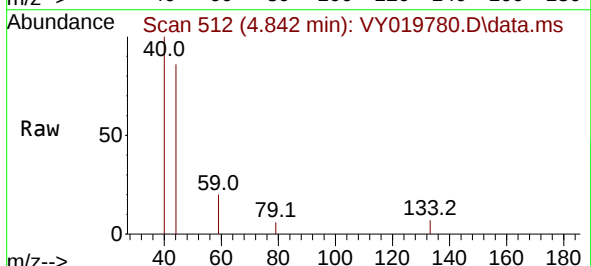
Acq: 03 Oct 2024 12:10

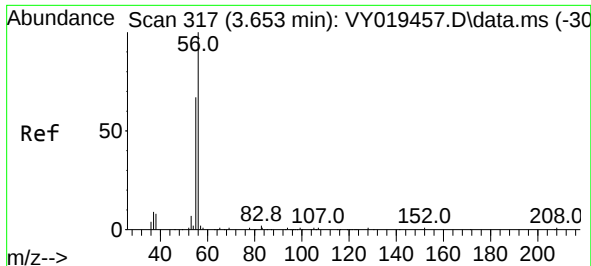
Tgt Ion: 59 Resp: 269

Ion Ratio Lower Upper

59 100

57 16.4 3.0 4.6#

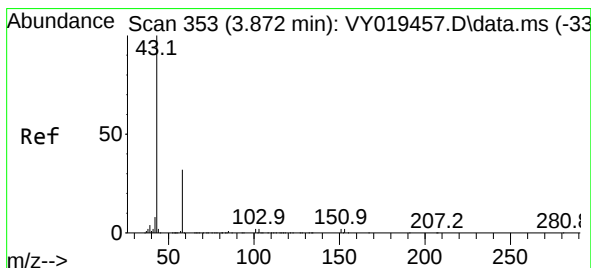
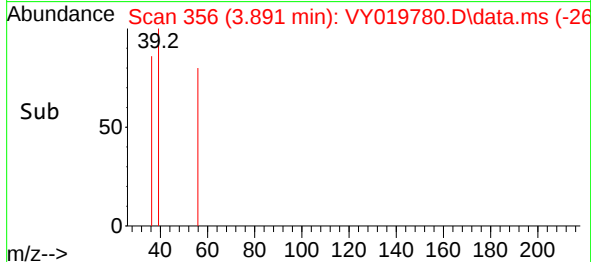
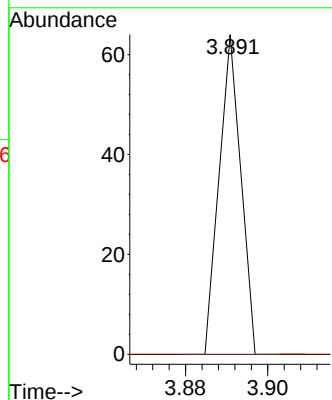
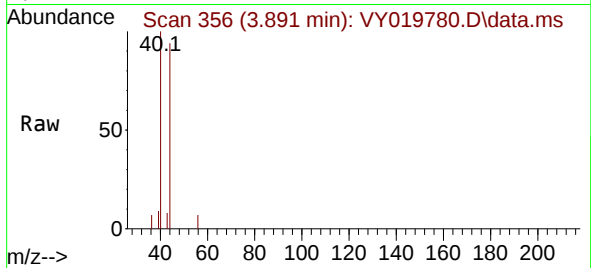




#13
Acrolein
Concen: Below Cal
RT: 3.891 min Scan# 317
Delta R.T. 0.238 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

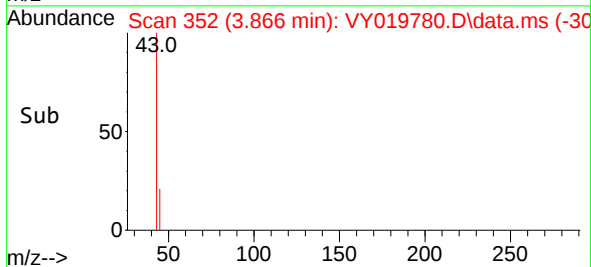
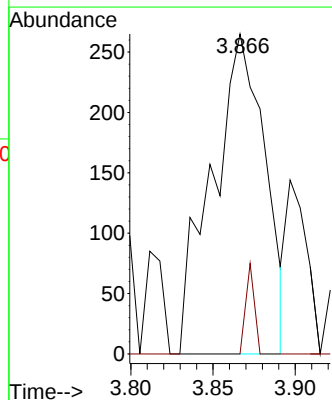
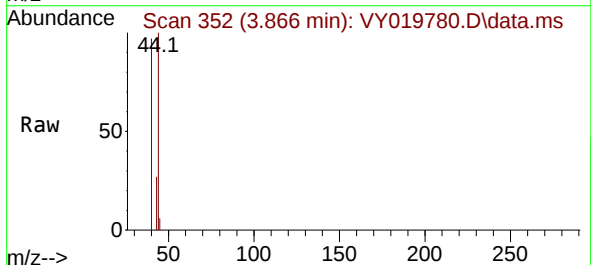
Instrument :
MSVOA_Y
ClientSampleId :

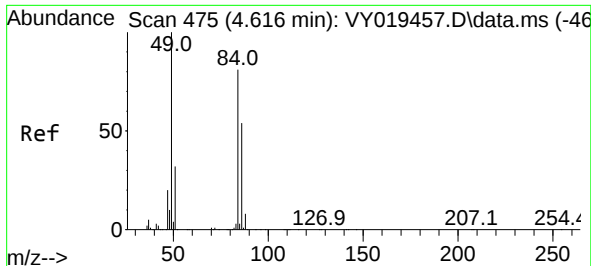
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 3.248 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

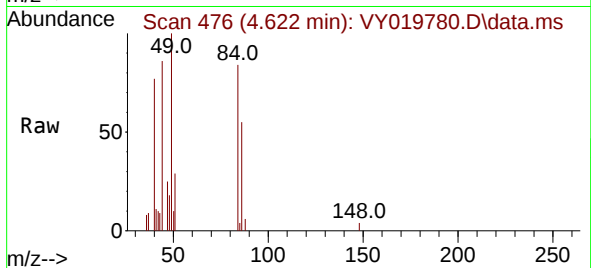
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



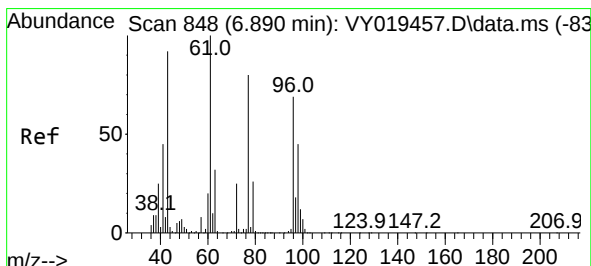
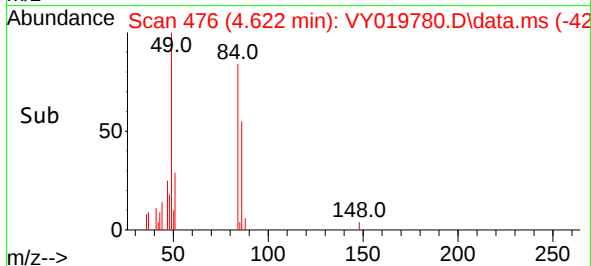
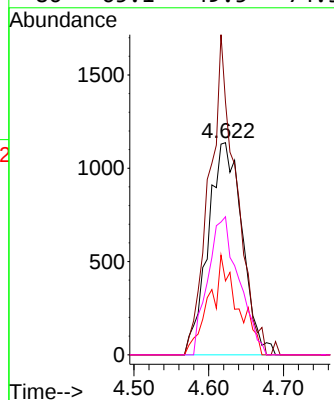


#20
Methylene Chloride
Concen: 4.337 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

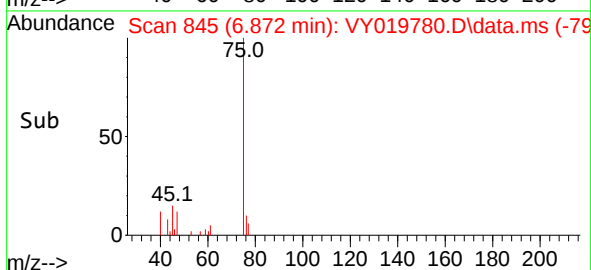
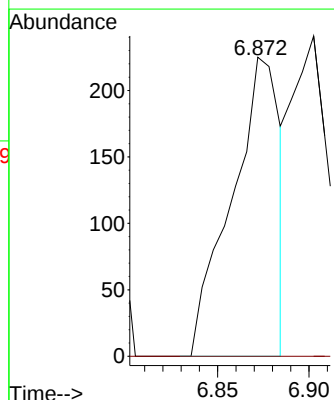
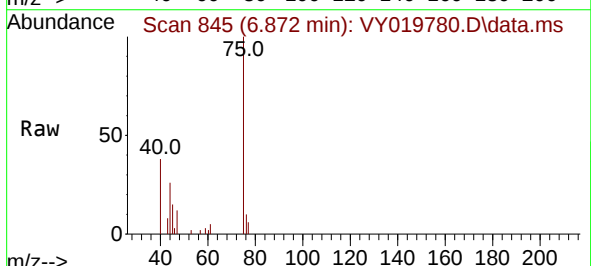


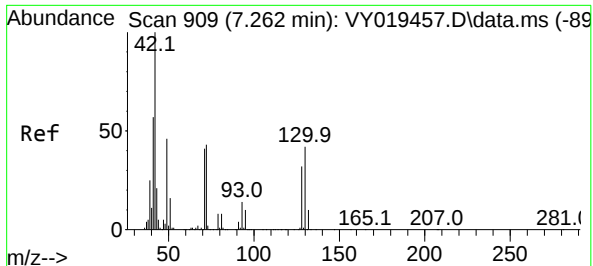
Tgt Ion:	84	Resp:	3612
Ion	Ratio	Lower	Upper
84	100		
49	119.3	84.4	126.6
51	34.8	26.0	39.0
86	65.1	49.5	74.3



#25
2-Butanone
Concen: 1.590 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Tgt Ion:	43	Resp:	413
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.311 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.013 min

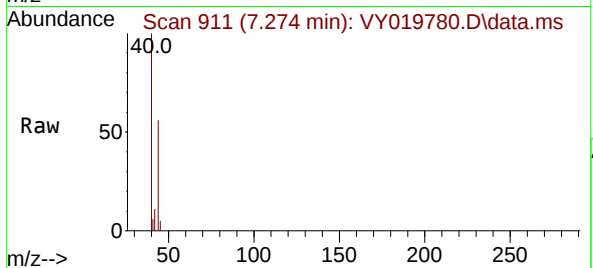
Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

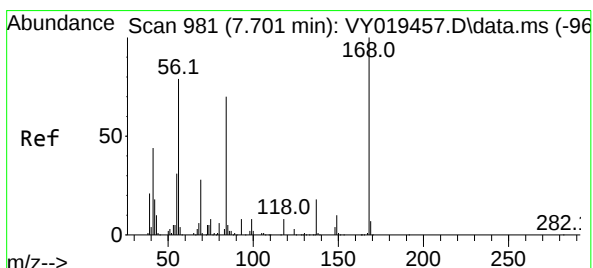
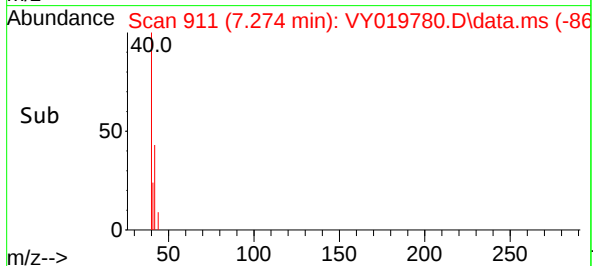
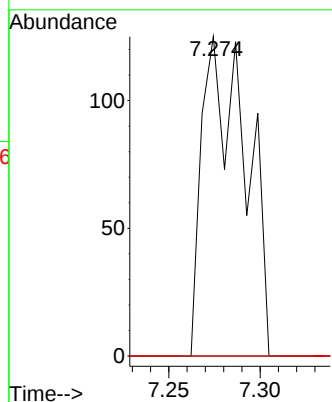
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	207
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 1.691 ug/l

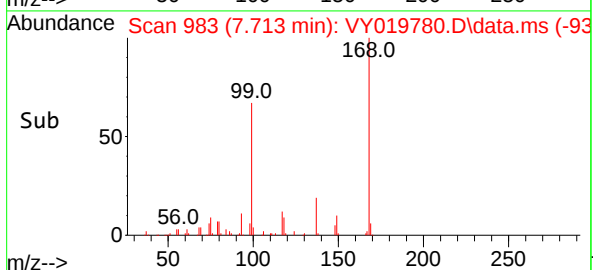
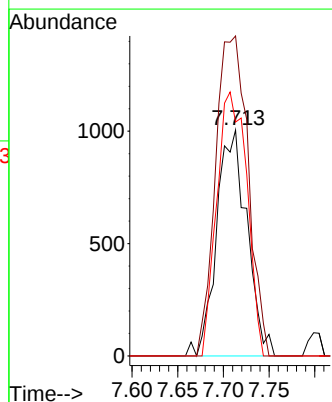
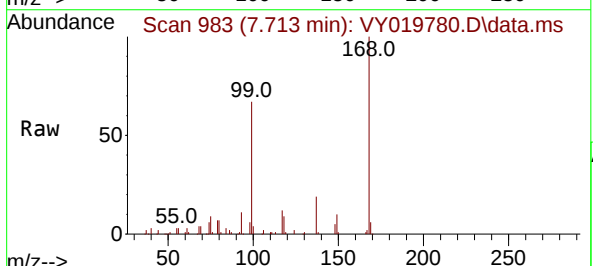
RT: 7.713 min Scan# 983

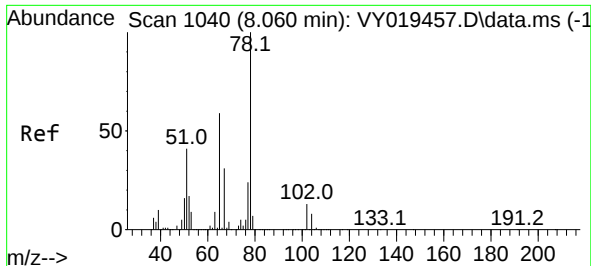
Delta R.T. 0.013 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

Tgt Ion:	56	Resp:	2319
Ion	Ratio	Lower	Upper
56	100		
69	141.7	28.7	43.1#
84	103.6	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 62.227 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

Instrument :

MSVOA_Y

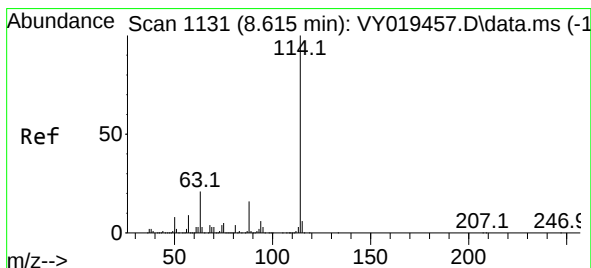
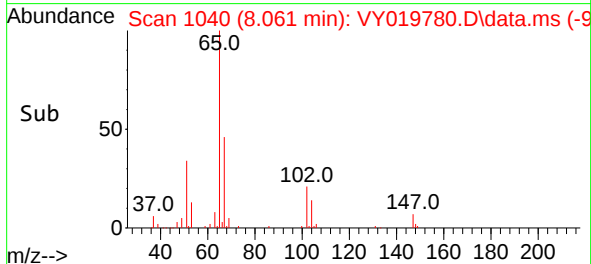
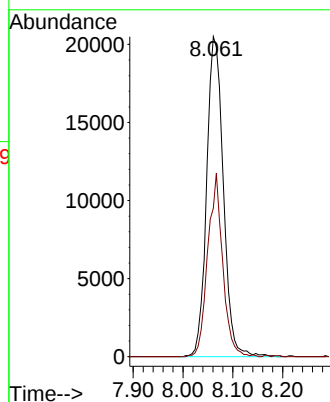
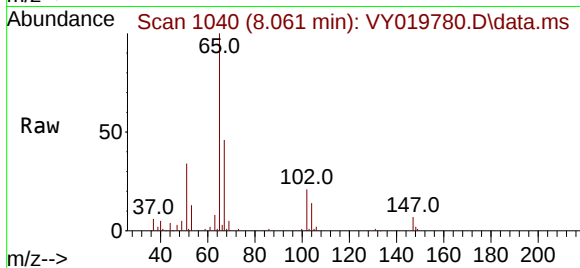
ClientSampleId :

Tgt Ion: 65 Resp: 47695

Ion Ratio Lower Upper

65 100

67 51.4 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: VY019780.D

Acq: 03 Oct 2024 12:10

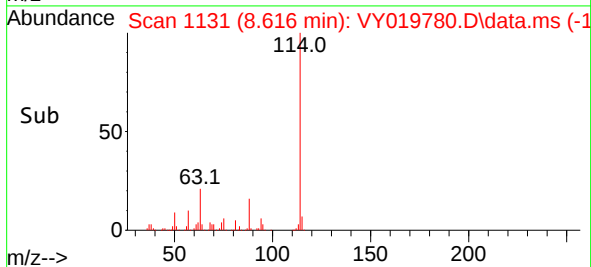
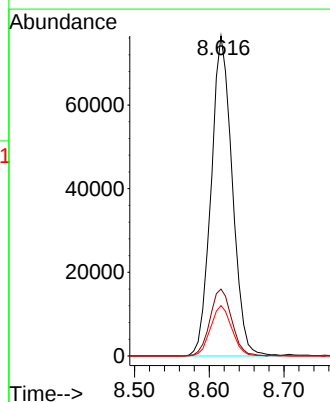
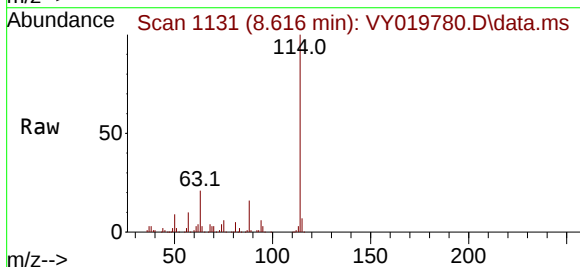
Tgt Ion: 114 Resp: 150343

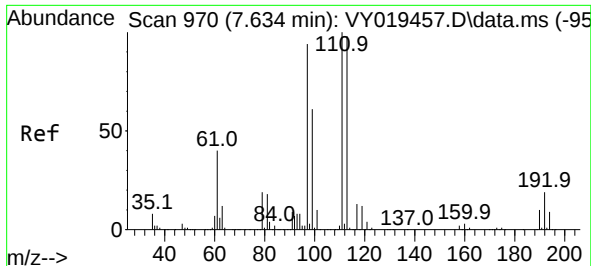
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 15.7 0.0 27.2

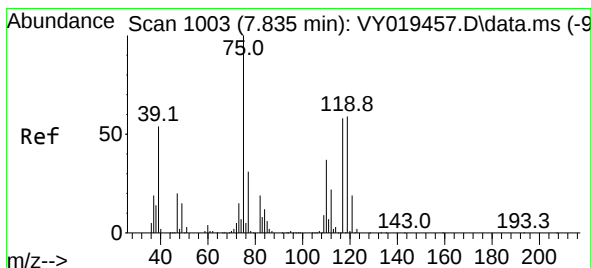
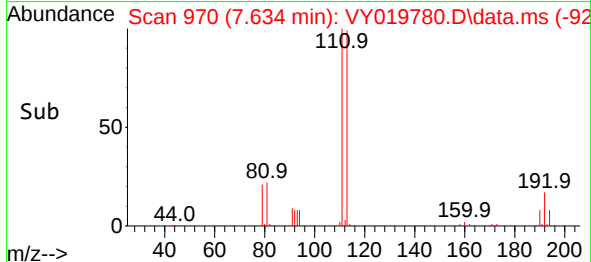
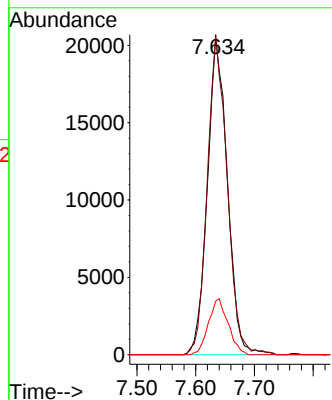
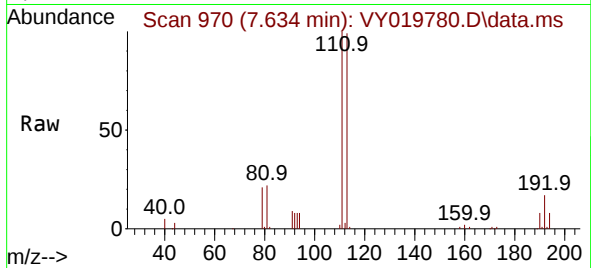




#35
Dibromofluoromethane
Concen: 56.953 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

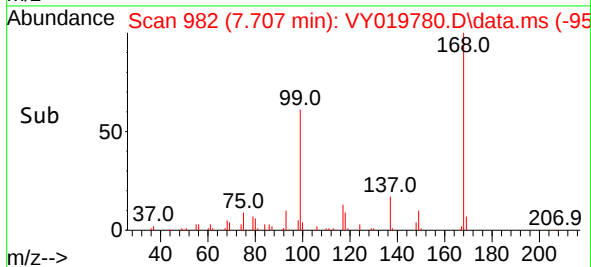
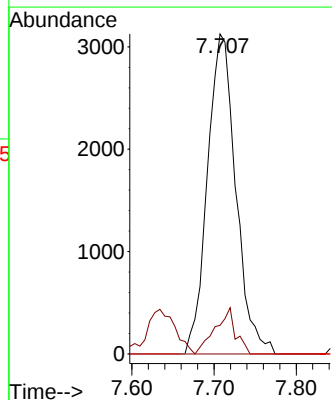
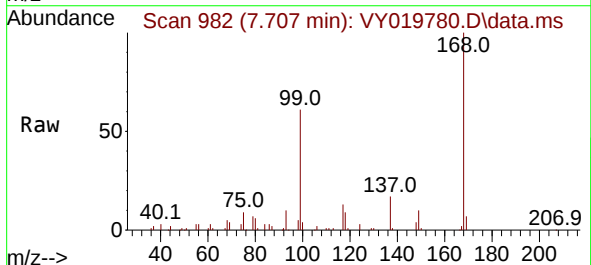
Instrument :
MSVOA_Y
ClientSampleId :

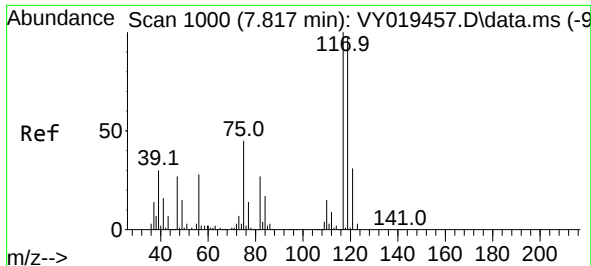
Tgt Ion:113 Resp: 48548
Ion Ratio Lower Upper
113 100
111 100.1 82.2 123.4
192 17.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.471 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

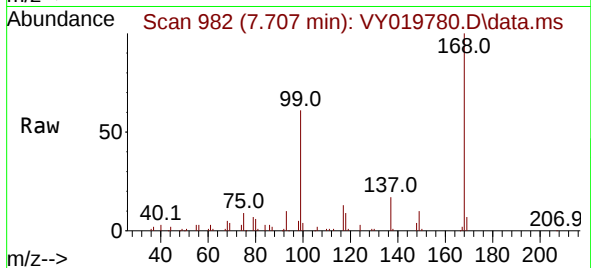
Tgt Ion: 75 Resp: 7506
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



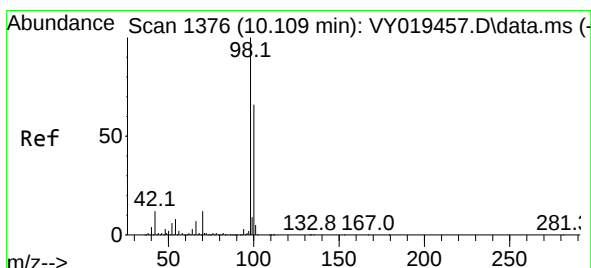
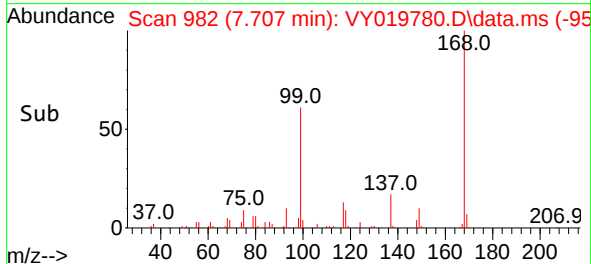
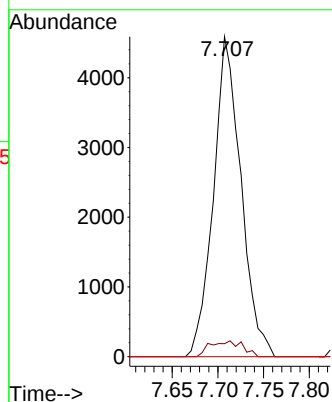


#38
Carbon Tetrachloride
Concen: 7.332 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

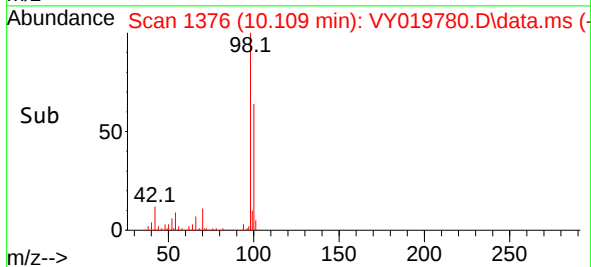
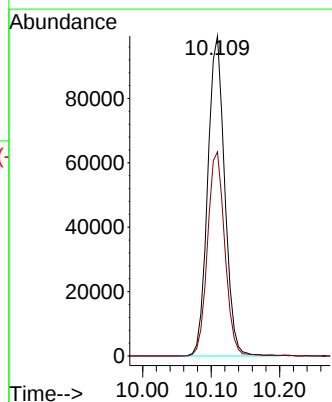
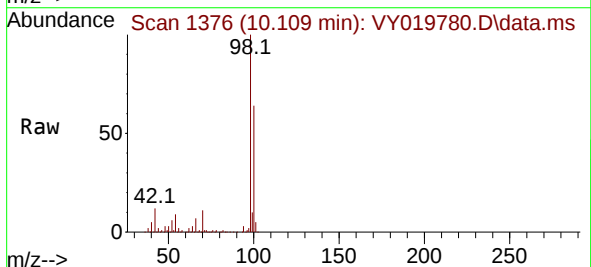


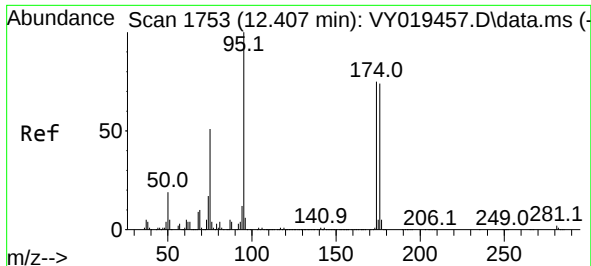
Tgt Ion:117 Resp: 9590
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.217 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Tgt Ion: 98 Resp: 170941
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

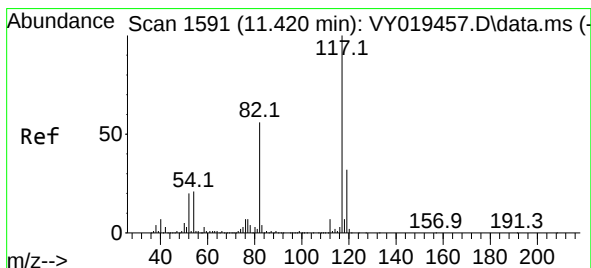
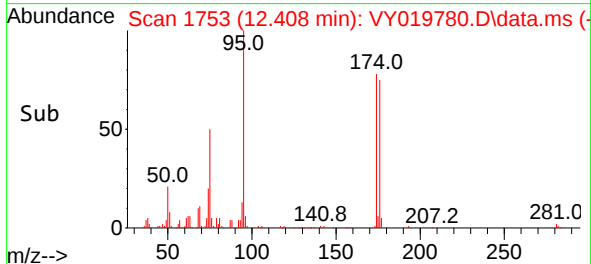
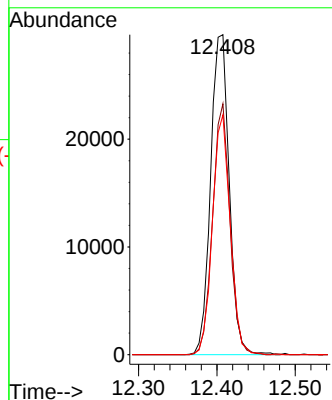
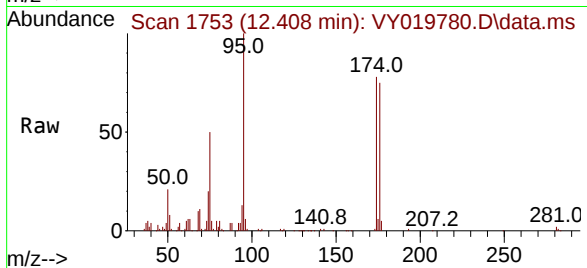




#62
4-Bromofluorobenzene
Concen: 40.471 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

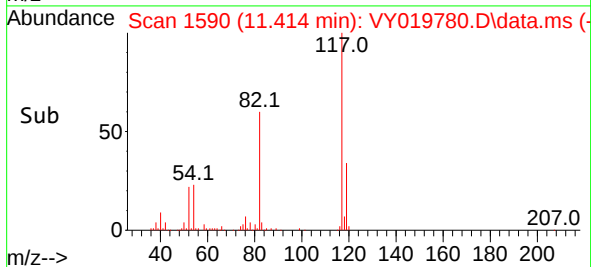
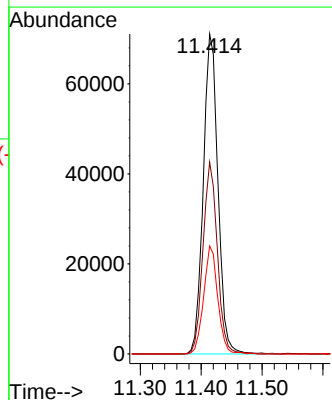
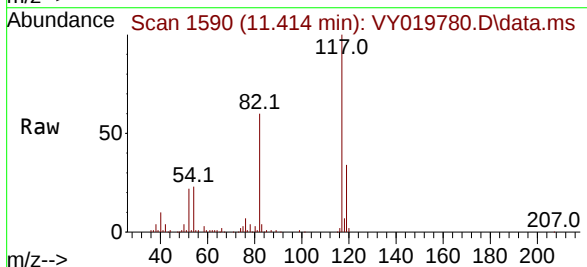
Instrument :
MSVOA_Y
ClientSampleId :

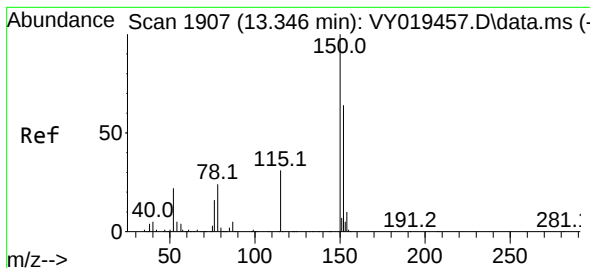
Tgt Ion: 95 Resp: 49064
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 71.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Tgt Ion: 117 Resp: 119106
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 33.7 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: VY019780.D

Acq: 03 Oct 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

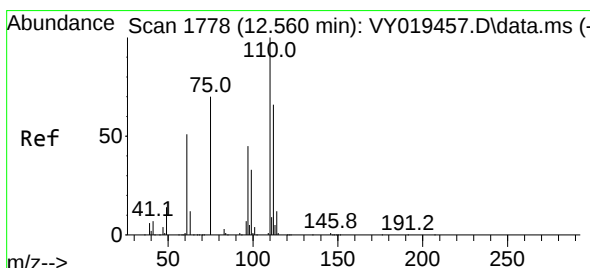
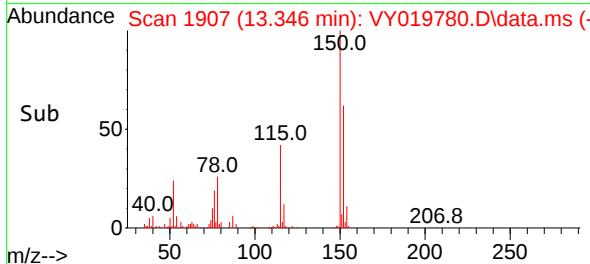
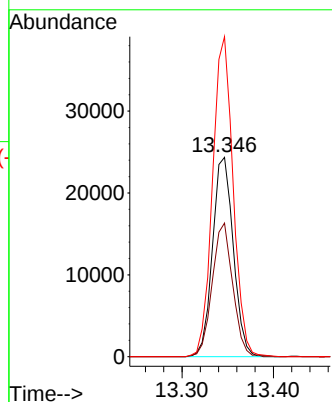
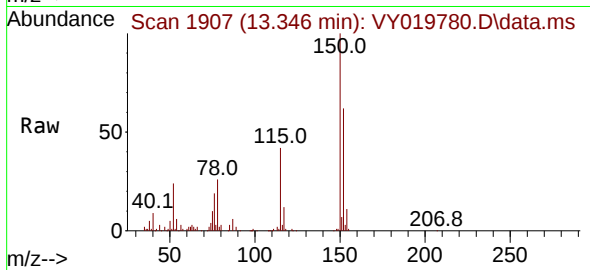
Tgt Ion:152 Resp: 38457

Ion Ratio Lower Upper

152 100

115 66.0 28.2 84.7

150 158.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.025 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019780.D

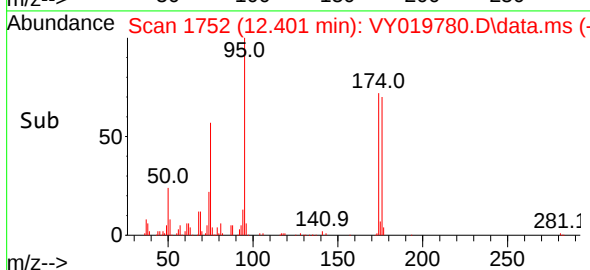
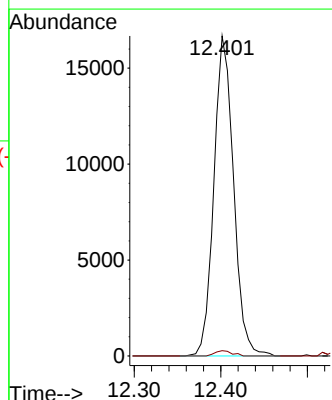
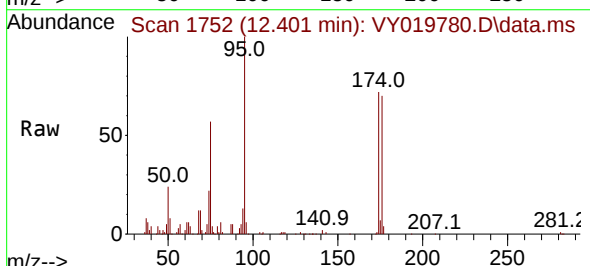
Acq: 03 Oct 2024 12:10

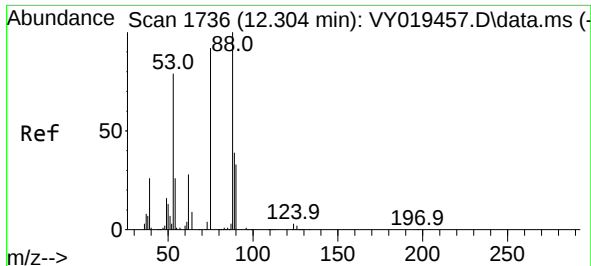
Tgt Ion: 75 Resp: 26322

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

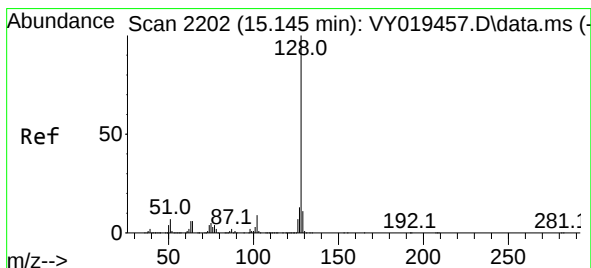
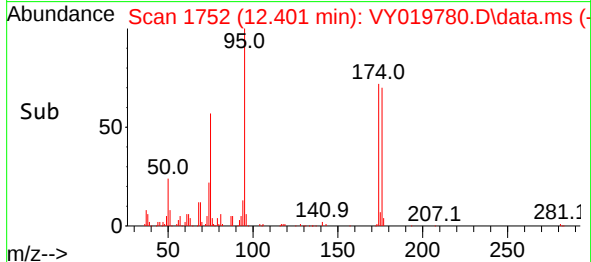
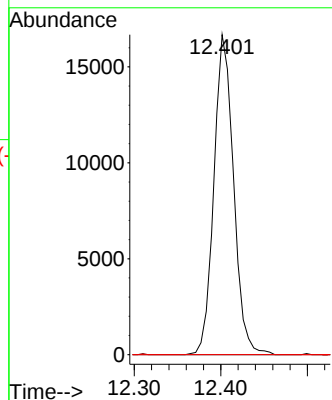
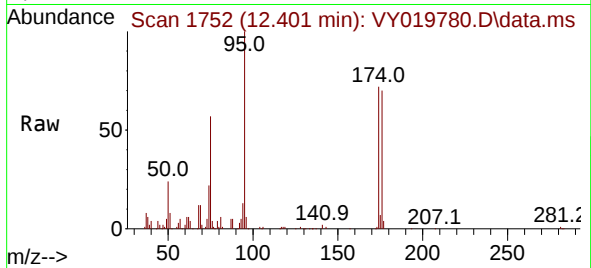




#81
trans-1,4-Dichloro-2-butene
Concen: 140.186 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

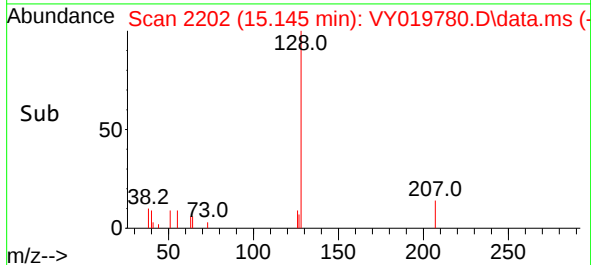
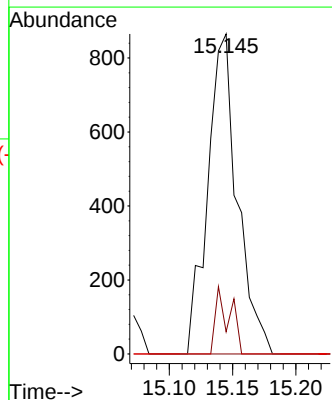
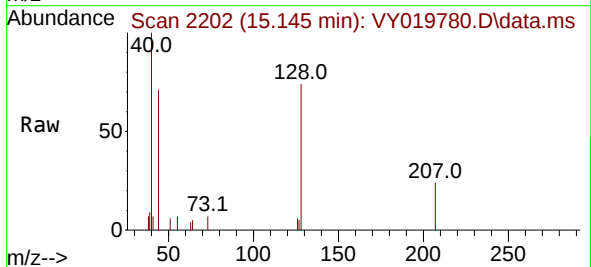
Instrument :
MSVOA_Y
ClientSampleId :

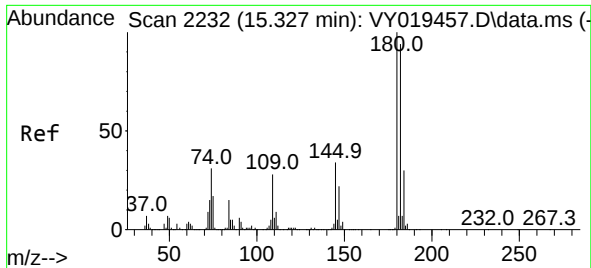
Tgt Ion: 75 Resp: 26322
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.081 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

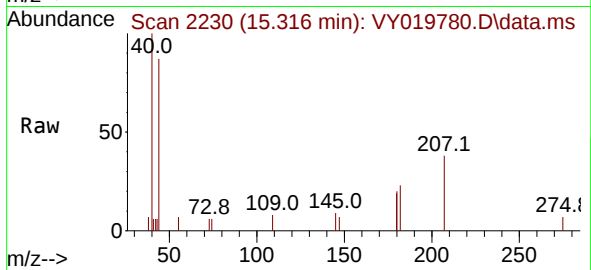
Tgt Ion:128 Resp: 1413
Ion Ratio Lower Upper
128 100
127 10.1 10.6 16.0#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.240 ug/l
 RT: 15.316 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY019780.D
 Acq: 03 Oct 2024 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	692
Ion	Ratio	Lower	Upper
180	100		
182	82.7	47.6	142.9
145	23.7	15.4	46.1

