

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019989.D
 Acq On : 23 Oct 2024 13:12
 Operator : SY/MD
 Sample : P4487-07
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:07:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

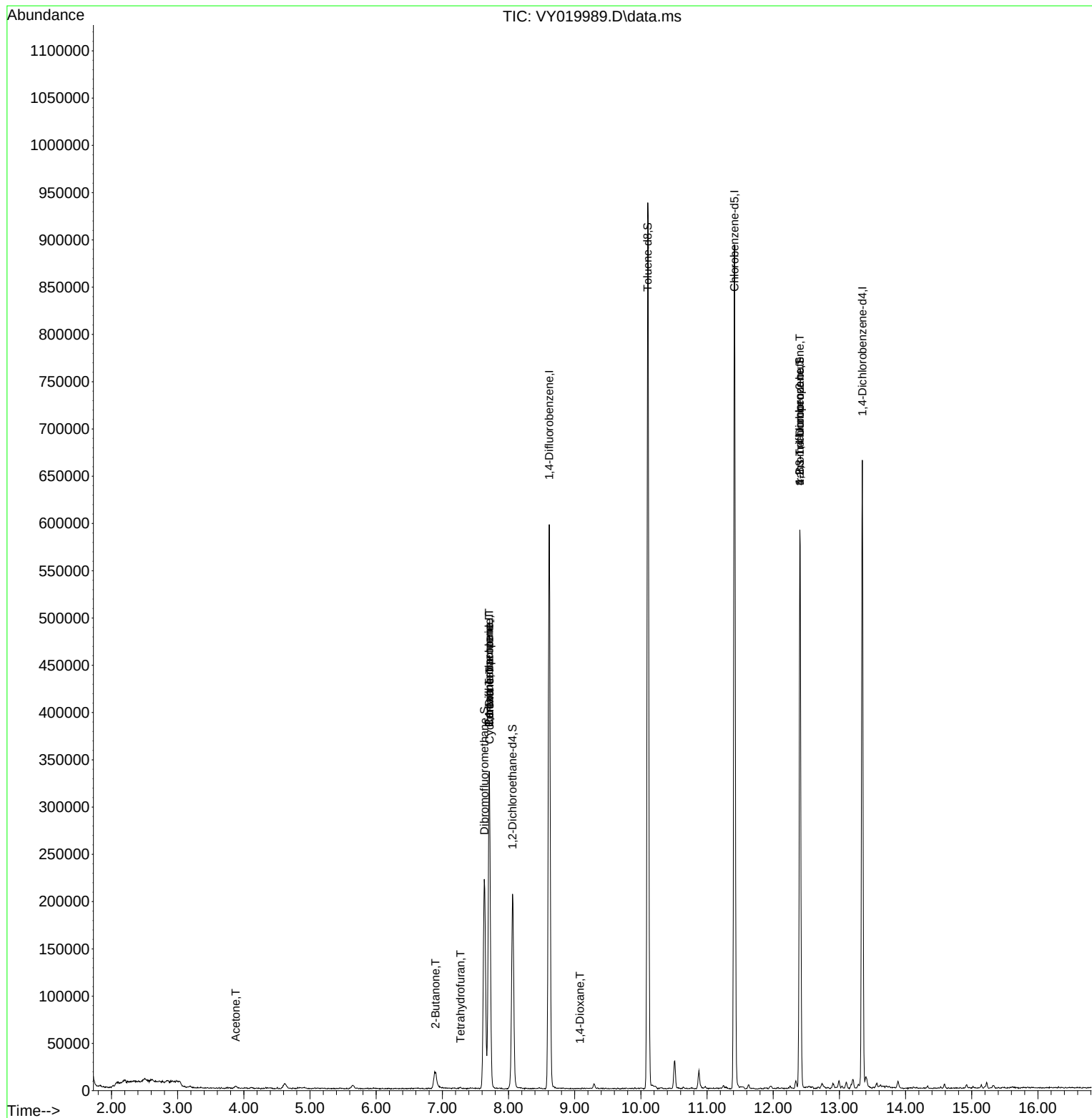
Internal Standards						
1) Pentafluorobenzene	7.707	168	232588	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	477756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	425587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	147570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157744	55.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.634	113	156107	49.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.103	98	586147	50.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.402	95	174332	41.441	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	863	Below Cal	#	82
16) Acetone	3.879	43	4433	5.946	ug/l	93
25) 2-Butanone	6.896	43	2174	2.179	ug/l	93
29) Tetrahydrofuran	7.274	42	720	1.264	ug/l	# 39
31) Cyclohexane	7.713	56	6866	1.435	ug/l	# 30
36) 1,1-Dichloropropene	7.707	75	23852	5.251	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	26664	5.476	ug/l	# 16
49) 1,4-Dioxane	9.079	88	23	1.093	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	103299	35.733	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	103299	144.231	ug/l	# 16

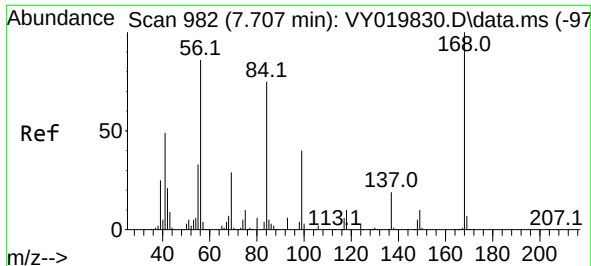
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
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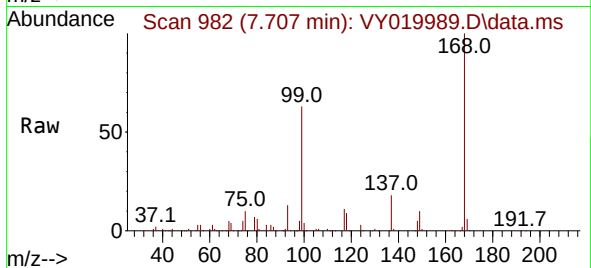
Quant Time: Oct 23 23:07:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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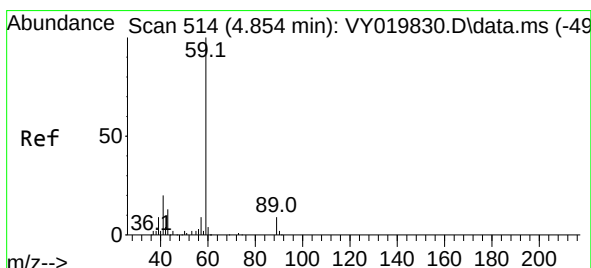
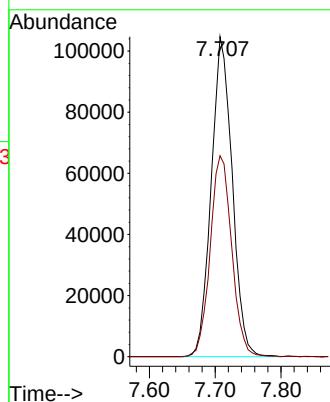
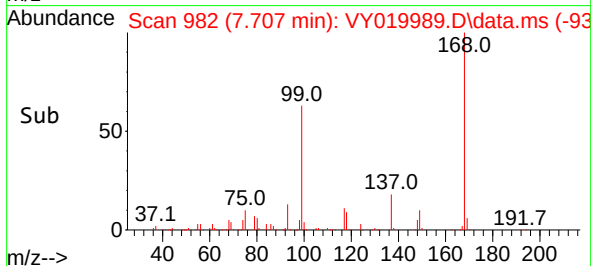


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

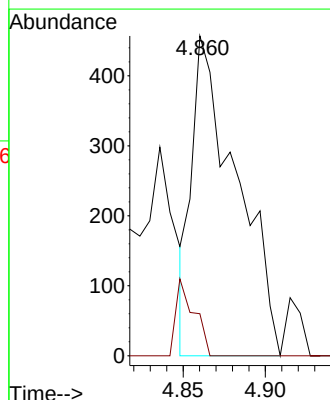
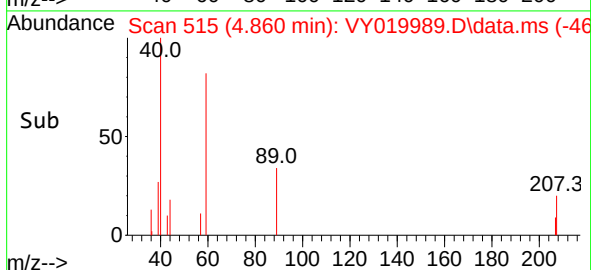
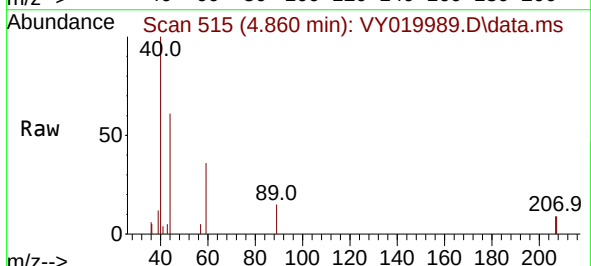


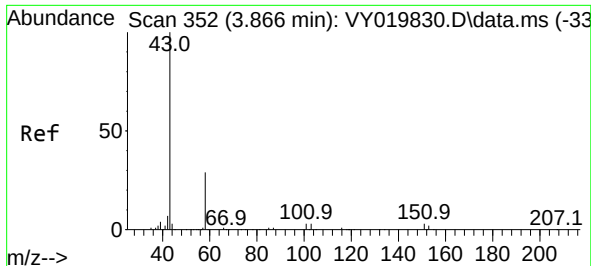
Tgt Ion:168 Resp: 232588
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Tgt Ion: 59 Resp: 863
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#





#16

Acetone

Concen: 5.946 ug/l

RT: 3.879 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY019989.D

Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

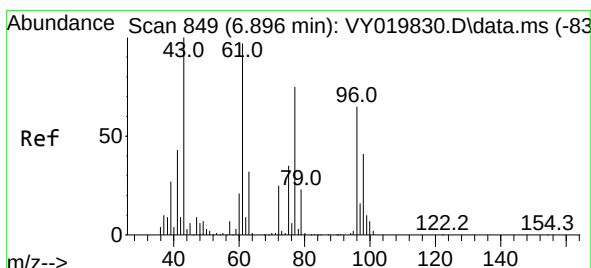
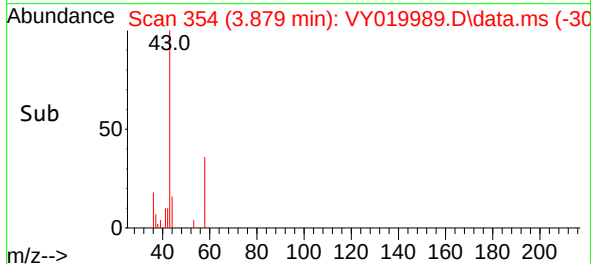
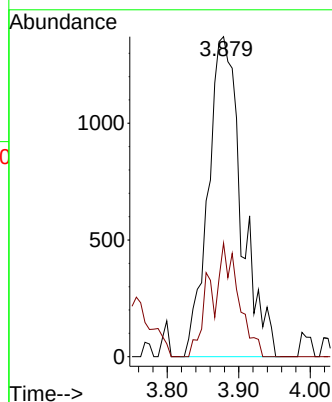
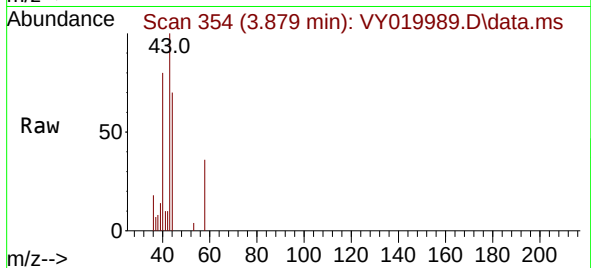
ClientSampleId :

Tgt Ion: 43 Resp: 4433

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5



#25

2-Butanone

Concen: 2.179 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY019989.D

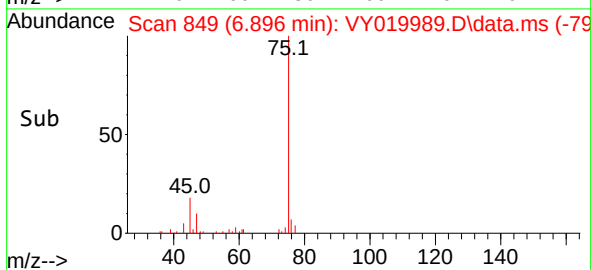
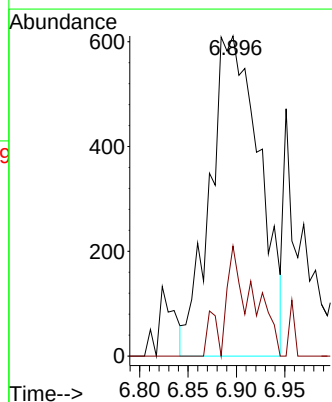
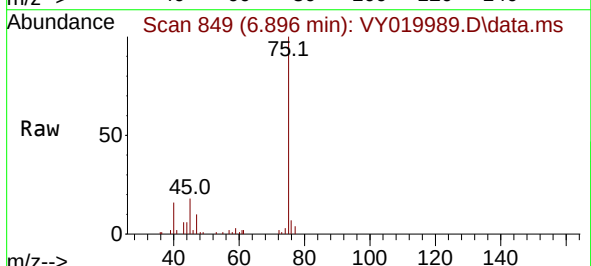
Acq: 23 Oct 2024 13:12

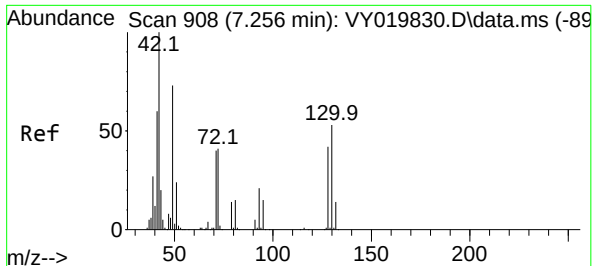
Tgt Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

72 38.0 27.3 40.9





#29

Tetrahydrofuran

Concen: 1.264 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.013 min

Lab File: VY019989.D

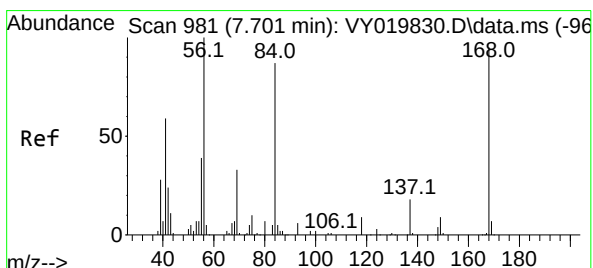
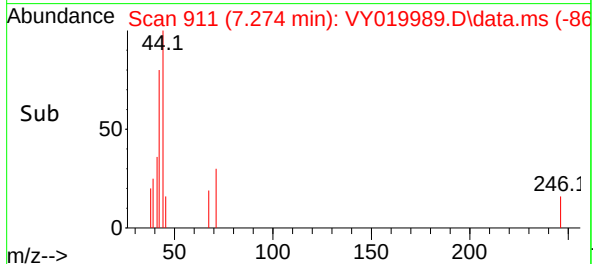
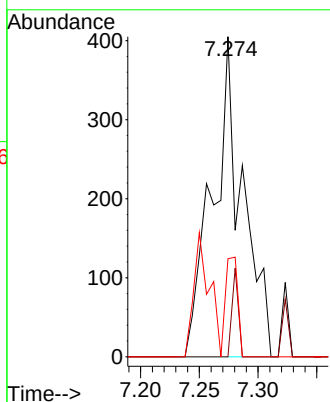
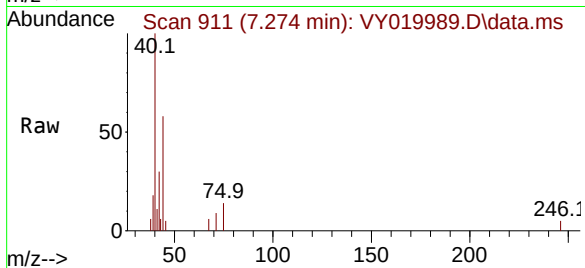
Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	720
Ion	Ratio	Lower	Upper
42	100		
72	5.7	43.0	64.4#
71	12.6	40.8	61.2#



#31

Cyclohexane

Concen: 1.435 ug/l

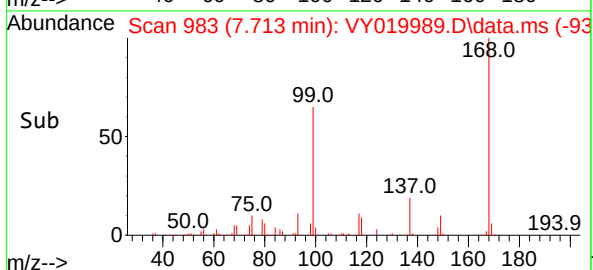
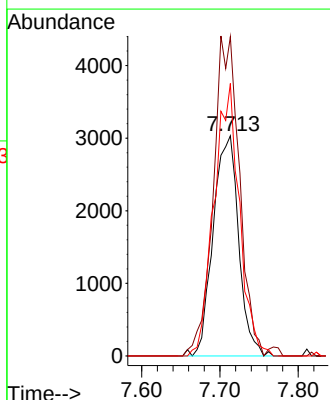
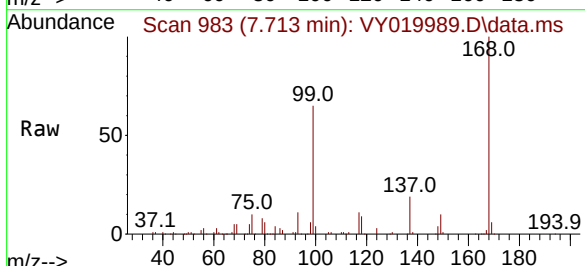
RT: 7.713 min Scan# 983

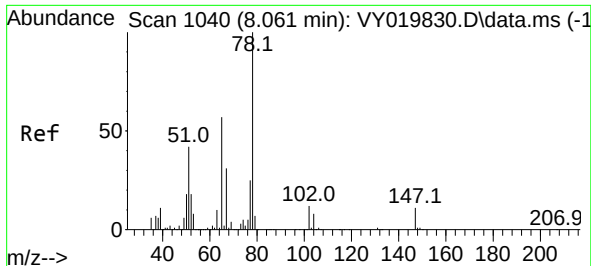
Delta R.T. 0.013 min

Lab File: VY019989.D

Acq: 23 Oct 2024 13:12

Tgt Ion:	56	Resp:	6866
Ion	Ratio	Lower	Upper
56	100		
69	145.0	28.7	43.1#
84	123.8	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.081 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019989.D

Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

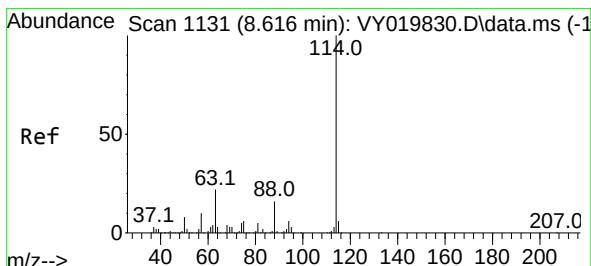
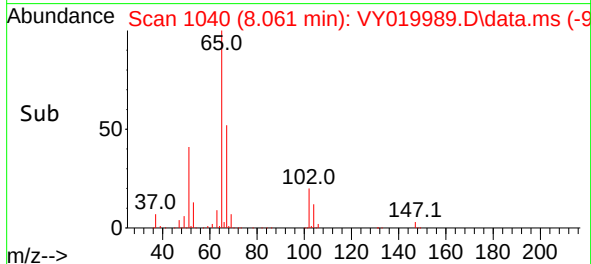
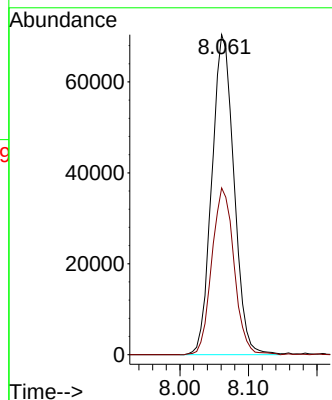
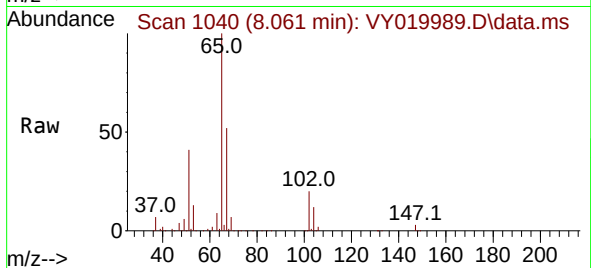
ClientSampleId :

Tgt Ion: 65 Resp: 157744

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019989.D

Acq: 23 Oct 2024 13:12

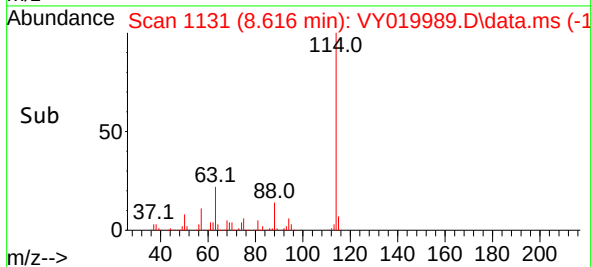
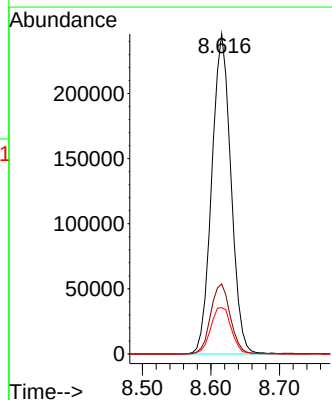
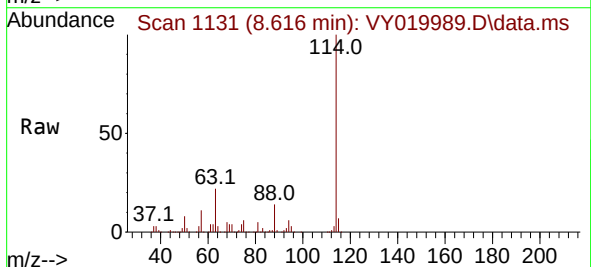
Tgt Ion: 114 Resp: 477756

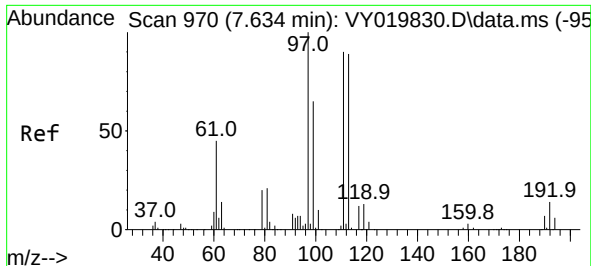
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

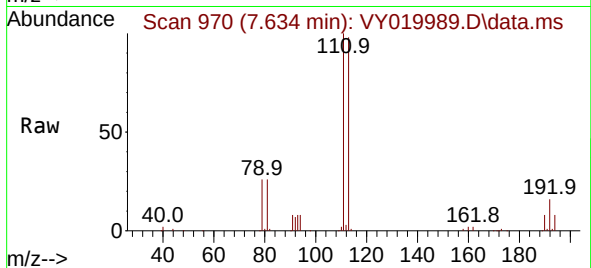
88 14.5 0.0 27.2



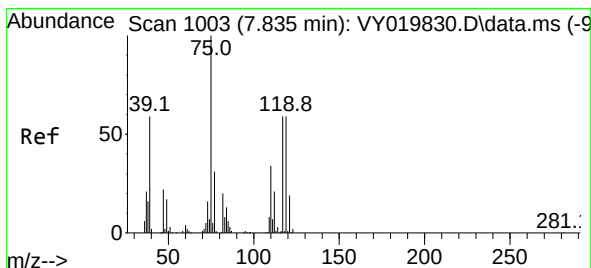
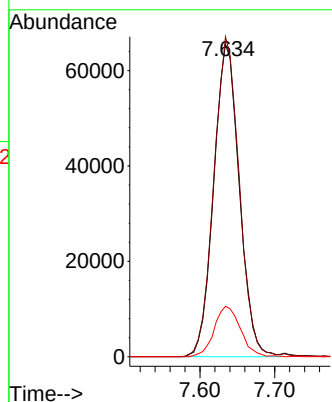
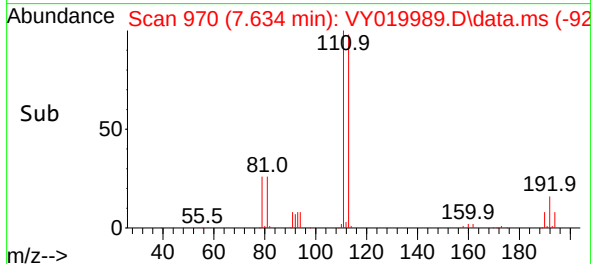


#35
Dibromofluoromethane
Concen: 49.516 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

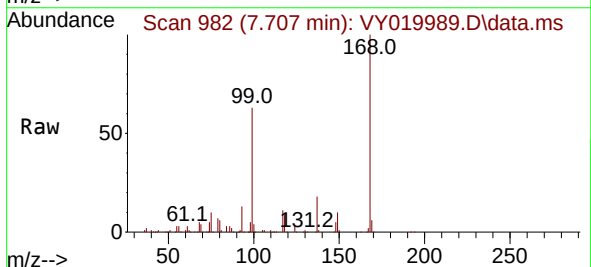
Instrument :
MSVOA_Y
ClientSampleId :



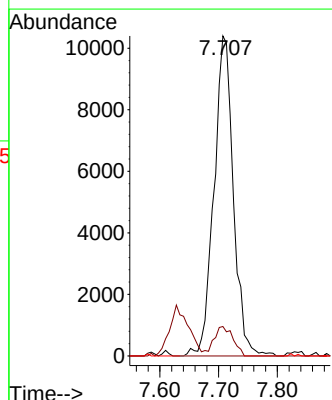
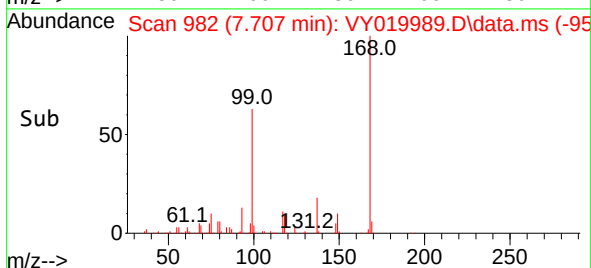
Tgt Ion:113 Resp: 156107
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.5 15.9 23.9

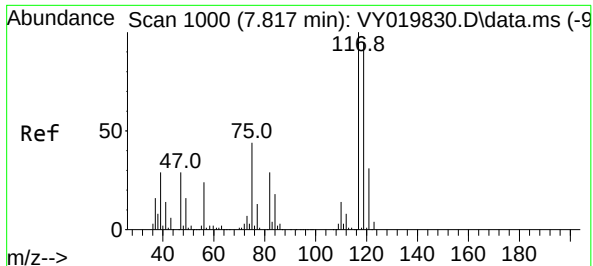


#36
1,1-Dichloropropene
Concen: 5.251 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12



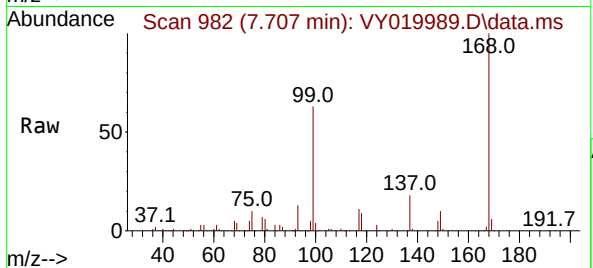
Tgt Ion: 75 Resp: 23852
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



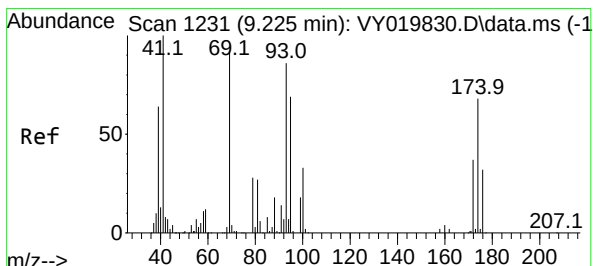
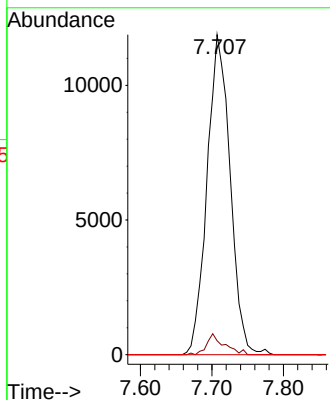
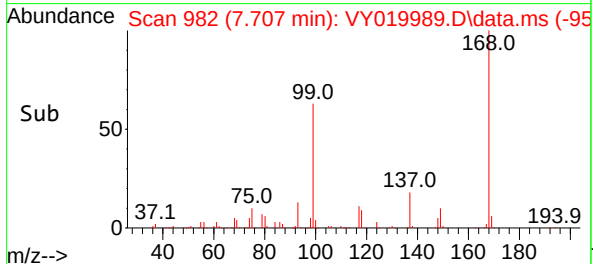


#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

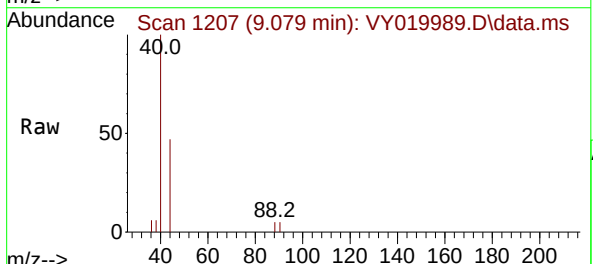
Instrument :
MSVOA_Y
ClientSampleId :



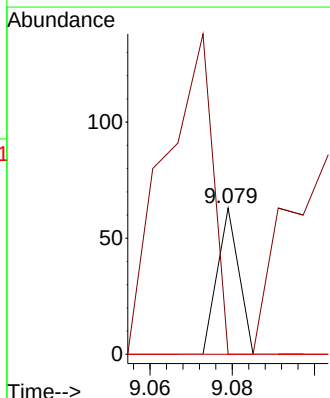
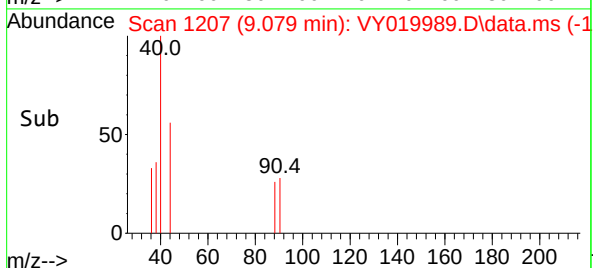
Tgt Ion:117 Resp: 26664
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

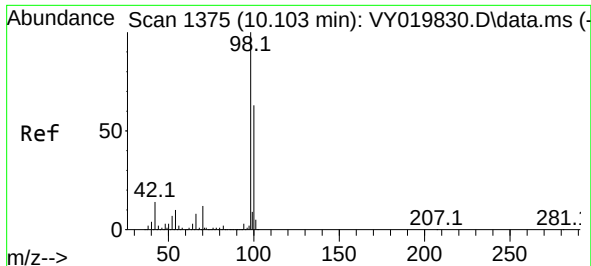


#49
1,4-Dioxane
Concen: 1.093 ug/l
RT: 9.079 min Scan# 1207
Delta R.T. -0.152 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

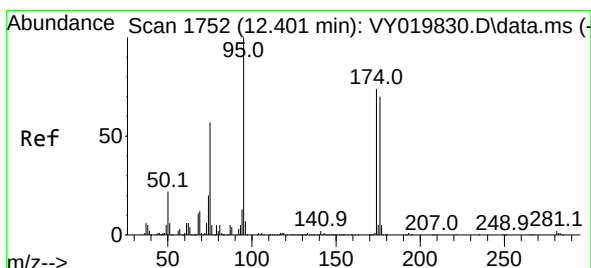
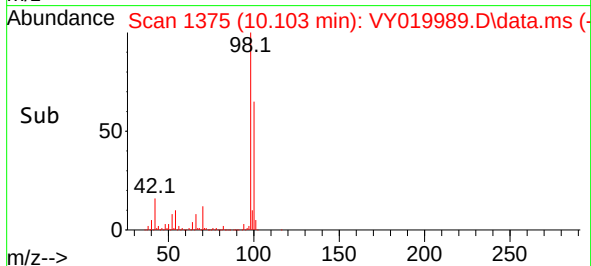
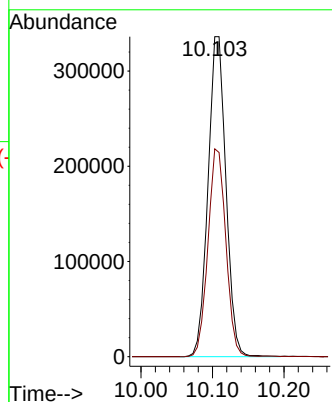
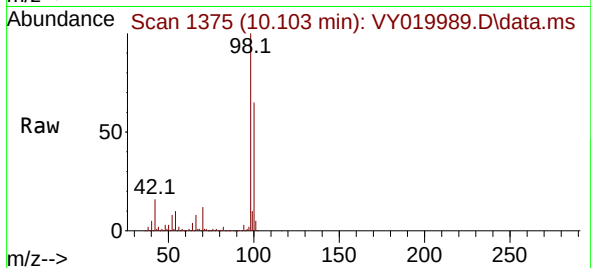




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

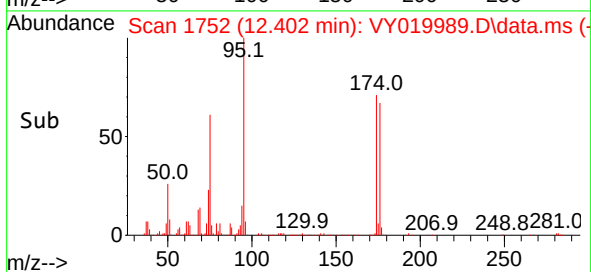
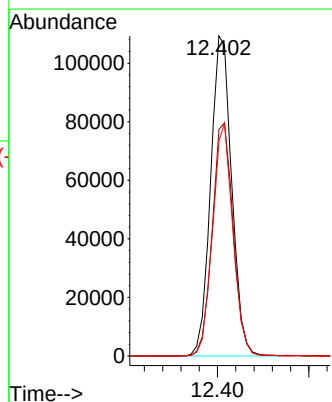
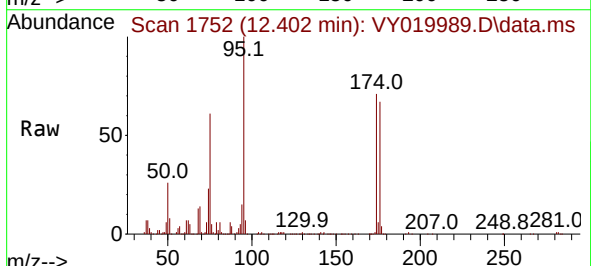
Instrument :
MSVOA_Y
ClientSampleId :

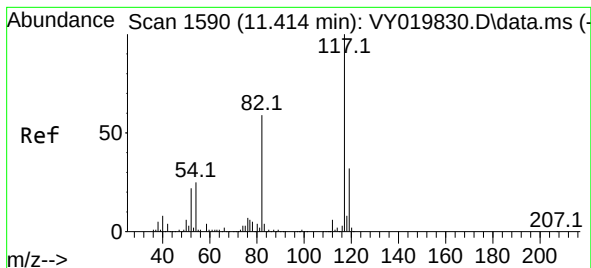
Tgt Ion: 98 Resp: 586147
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.441 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Tgt Ion: 95 Resp: 174332
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

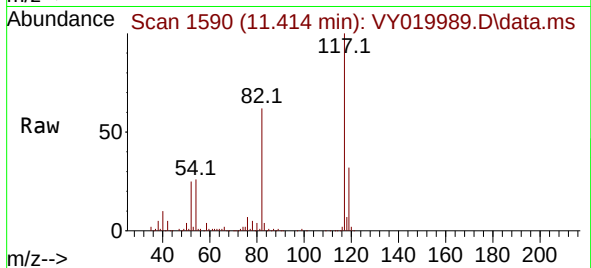
Lab File: VY019989.D

Acq: 23 Oct 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :



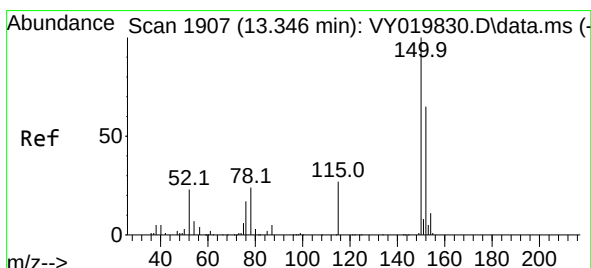
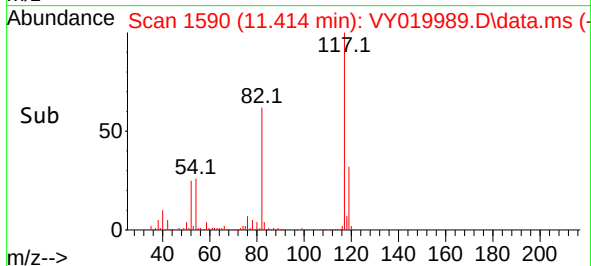
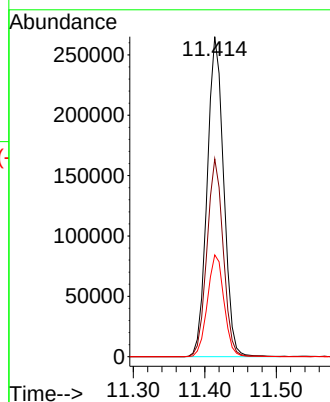
Tgt Ion:117 Resp: 425587

Ion Ratio Lower Upper

117 100

82 61.8 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: VY019989.D

Acq: 23 Oct 2024 13:12

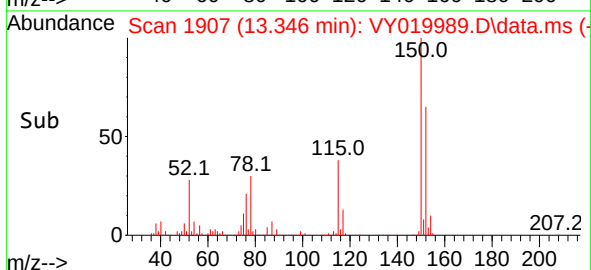
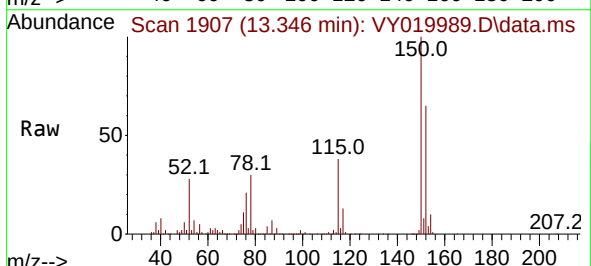
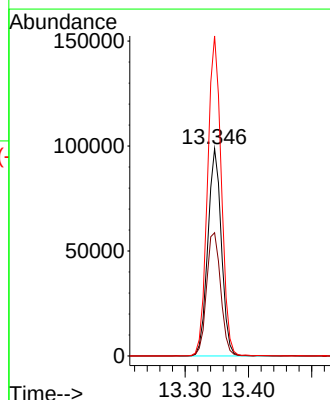
Tgt Ion:152 Resp: 147570

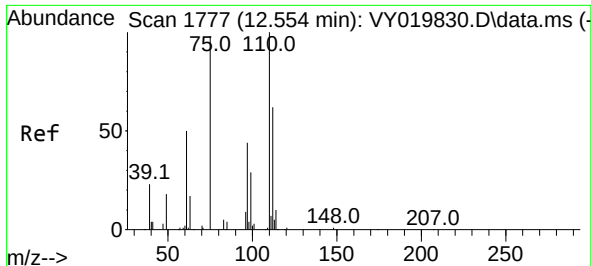
Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.8 0.0 345.6

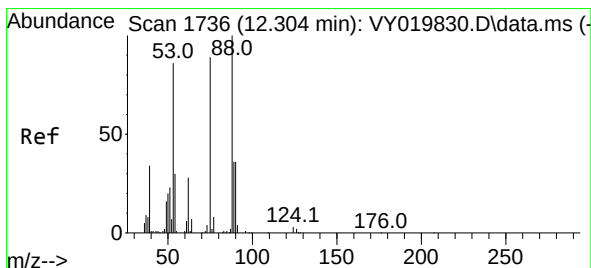
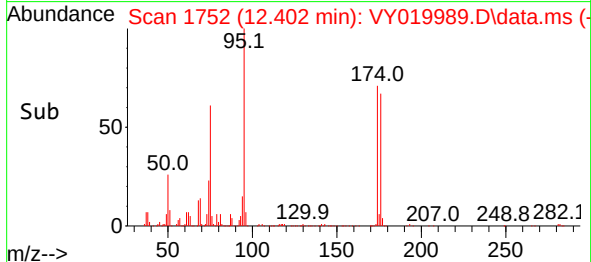
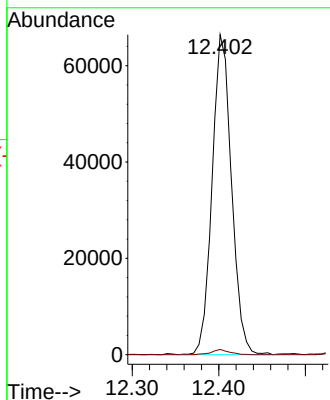
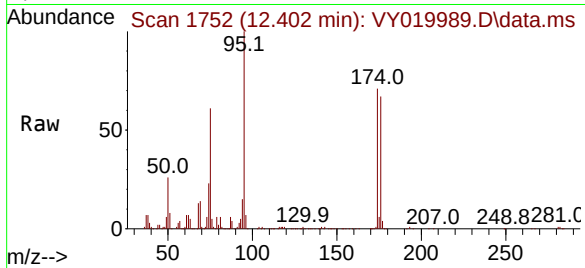




#76
1,2,3-Trichloropropane
Concen: 35.733 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 103299
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.231 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019989.D
Acq: 23 Oct 2024 13:12

Tgt Ion: 75 Resp: 103299
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

