

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020263.D
 Acq On : 12 Nov 2024 12:44
 Operator : SY/MD
 Sample : VY1112SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:32:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

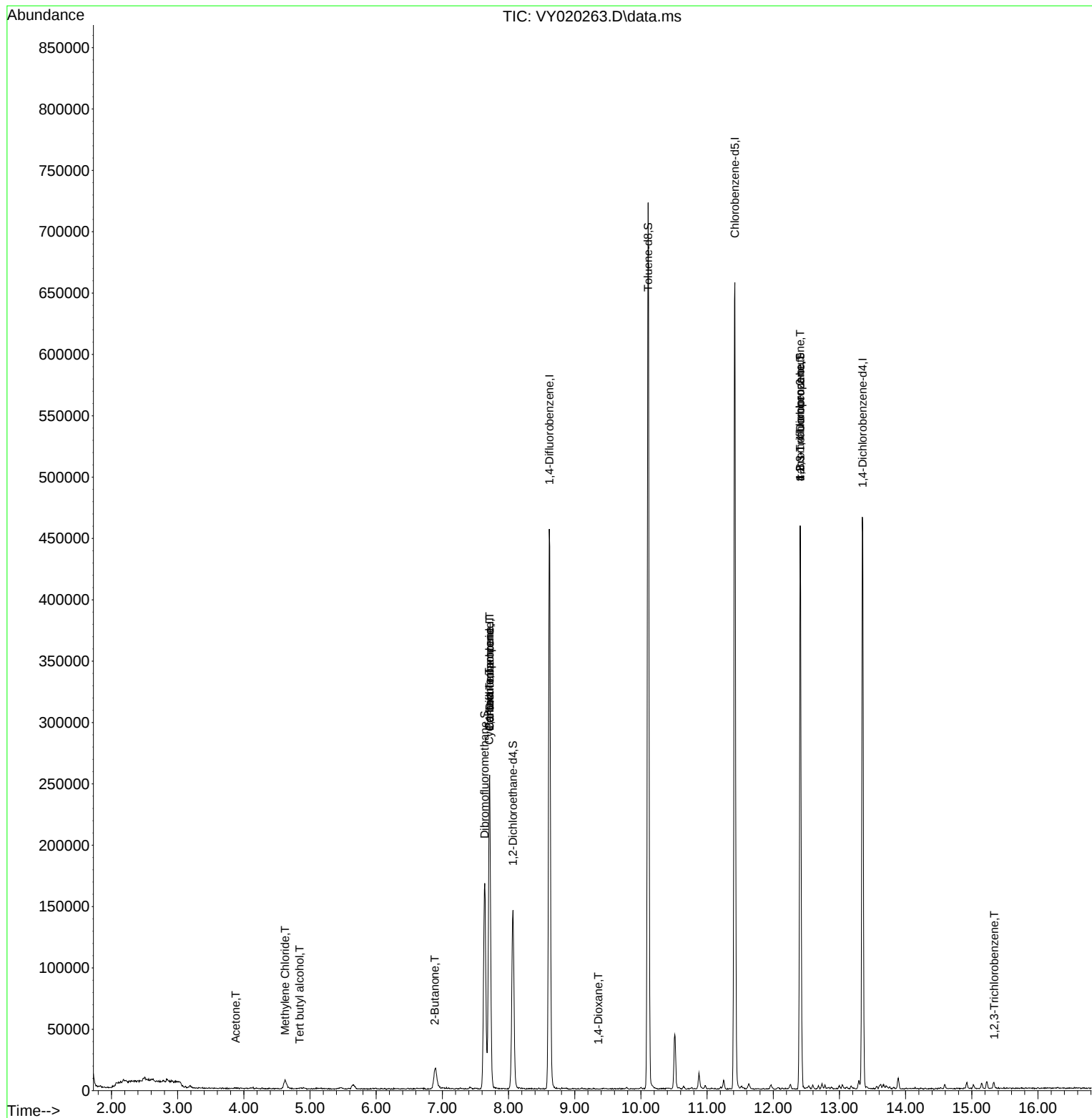
Internal Standards						
1) Pentafluorobenzene	7.713	168	174985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	365228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	104886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113339	51.897	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 103.800%		
35) Dibromofluoromethane	7.640	113	117102	50.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 100.860%		
50) Toluene-d8	10.109	98	450954	48.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 97.580%		
62) 4-Bromofluorobenzene	12.408	95	128893	42.932	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 85.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	565	3.597	ug/l	# 88
16) Acetone	3.879	43	1412	2.780	ug/l	# 55
20) Methylene Chloride	4.622	84	4305	1.887	ug/l	90
25) 2-Butanone	6.884	43	1175	1.707	ug/l	88
31) Cyclohexane	7.707	56	5951	1.502	ug/l	# 47
36) 1,1-Dichloropropene	7.713	75	17236	4.805	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	19282	5.345	ug/l	# 17
49) 1,4-Dioxane	9.353	88	20	1.431	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	75806	77.102	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	75806	165.843	ug/l	# 16
96) 1,2,3-Trichlorobenzene	15.340	180	1375	1.008	ug/l	93

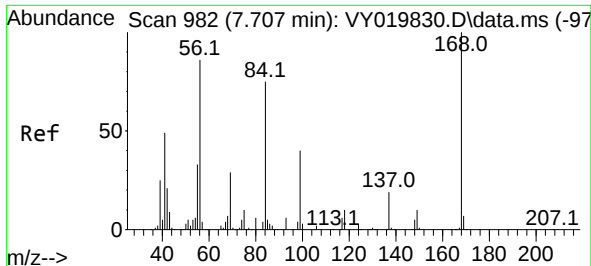
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
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MSVOA_Y
ClientSampleId :

Quant Time: Nov 13 00:32:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

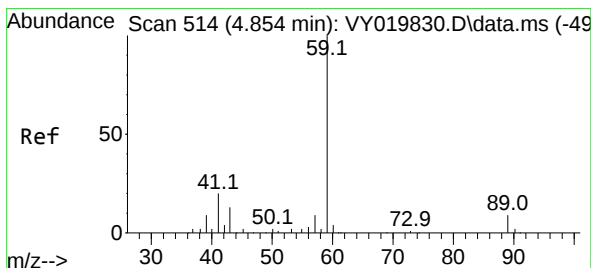
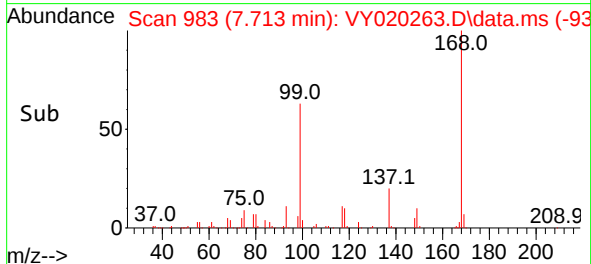
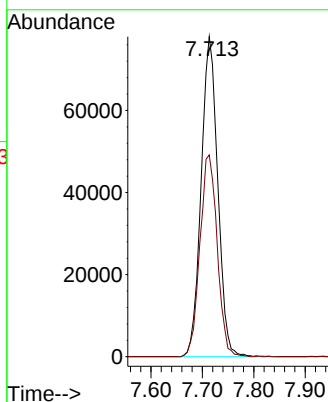
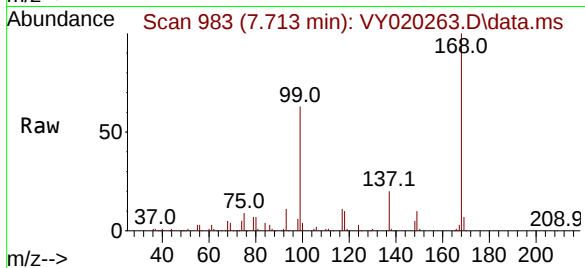




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

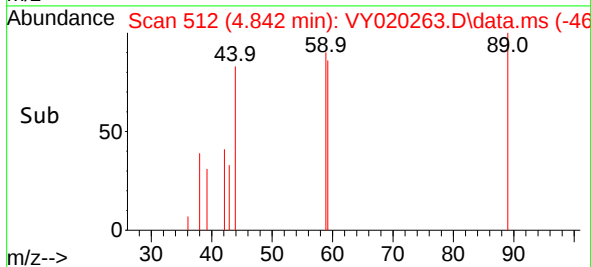
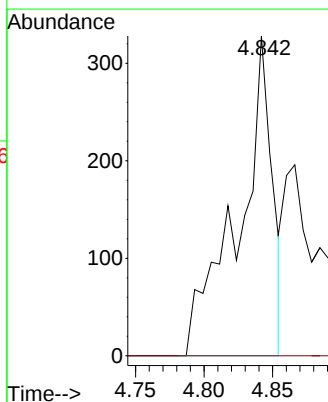
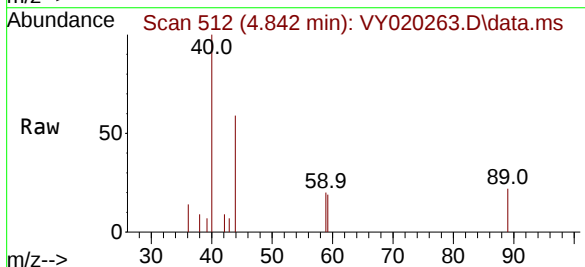
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 174985
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.597 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

Tgt Ion: 59 Resp: 565
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

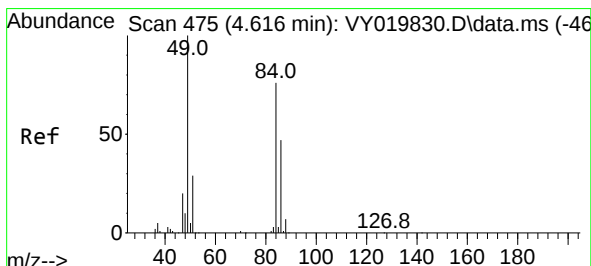
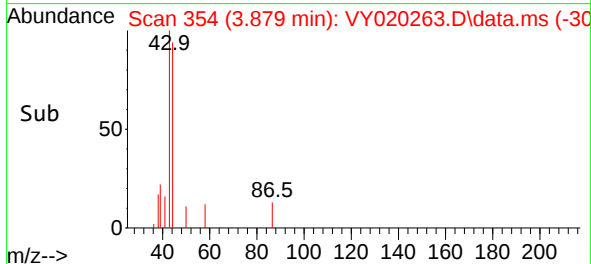
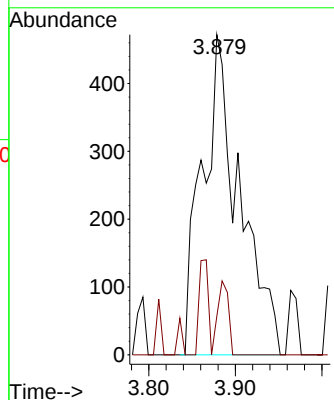
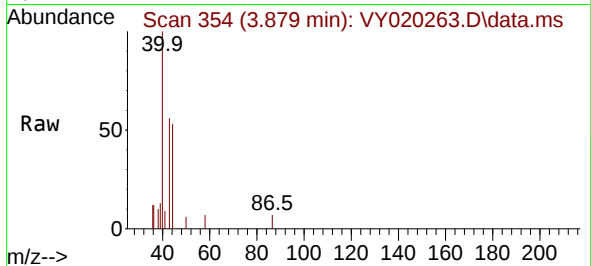




#16
Acetone
Concen: 2.780 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

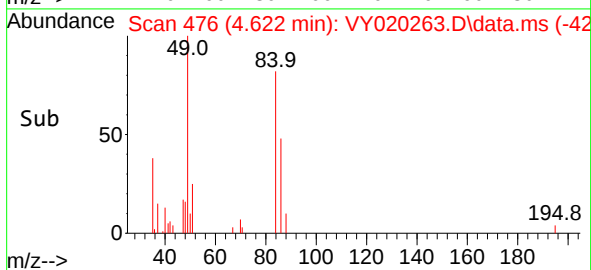
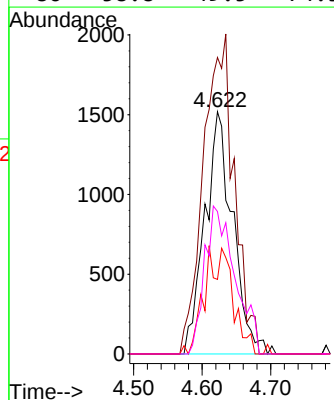
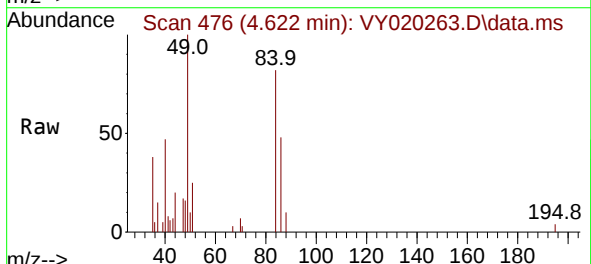
Instrument :
MSVOA_Y
ClientSampleId :

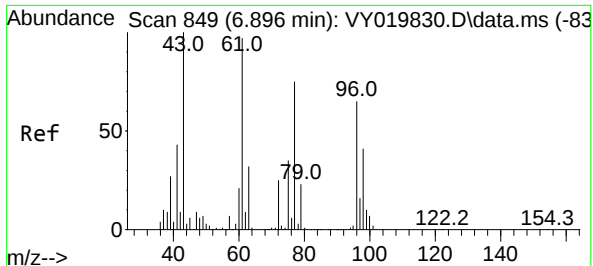
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 12.1 31.7 47.5#



#20
Methylene Chloride
Concen: 1.887 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

Tgt Ion: 84 Resp: 4305
Ion Ratio Lower Upper
84 100
49 122.4 84.4 126.6
51 30.8 26.0 39.0
86 58.8 49.5 74.3





#25

2-Butanone

Concen: 1.707 ug/l

RT: 6.884 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

Instrument :

MSVOA_Y

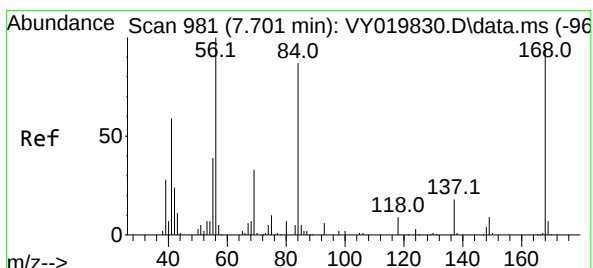
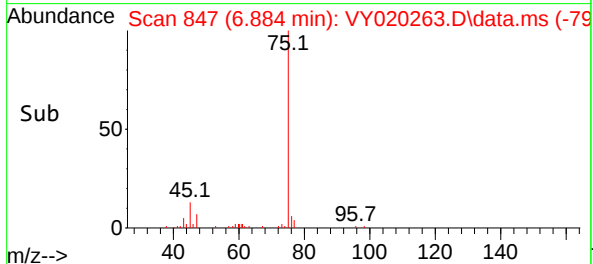
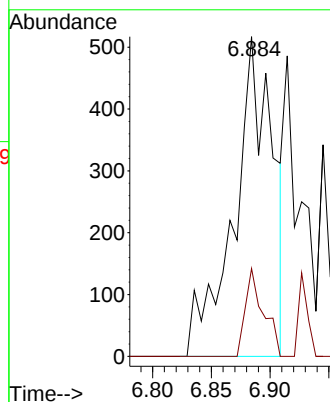
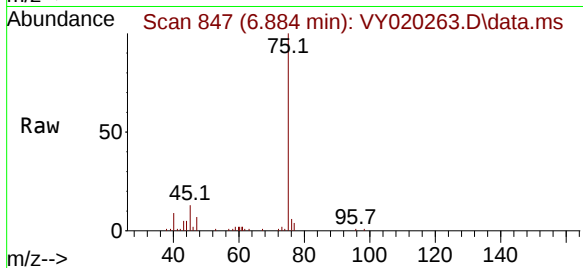
ClientSampleId :

Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

72 27.5 27.3 40.9



#31

Cyclohexane

Concen: 1.502 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

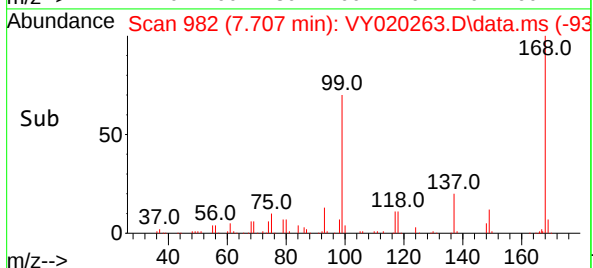
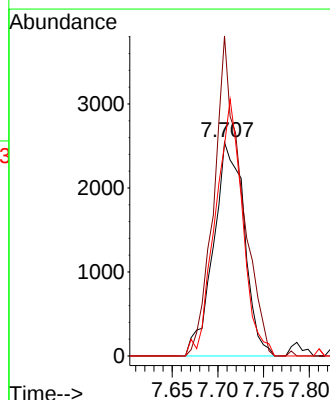
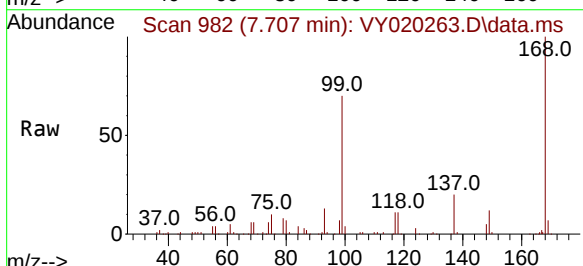
Tgt Ion: 56 Resp: 5951

Ion Ratio Lower Upper

56 100

69 149.8 28.7 43.1#

84 98.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 51.897 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

Instrument :

MSVOA_Y

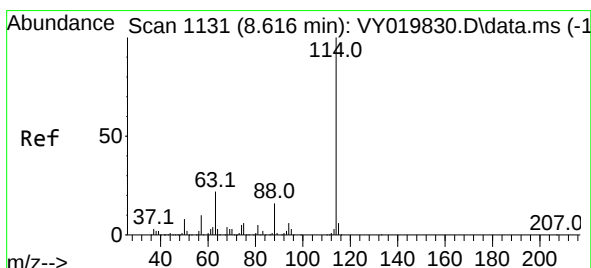
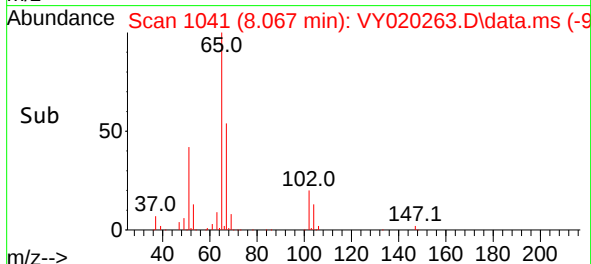
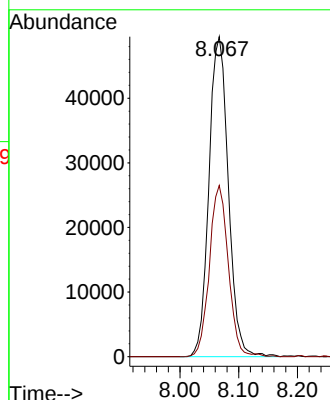
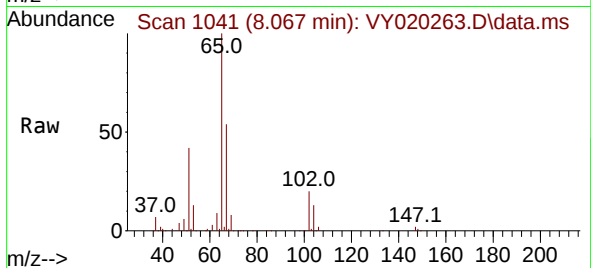
ClientSampleId :

Tgt Ion: 65 Resp: 113339

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: VY020263.D

Acq: 12 Nov 2024 12:44

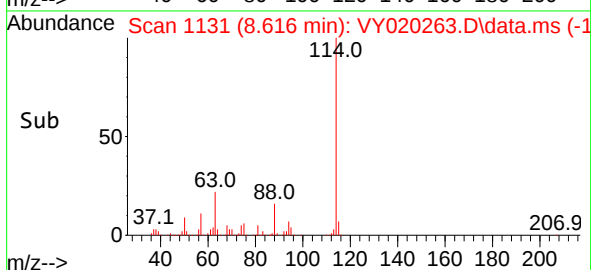
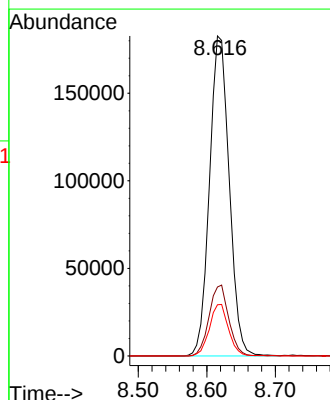
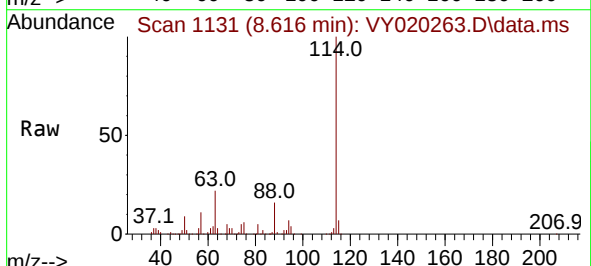
Tgt Ion: 114 Resp: 365228

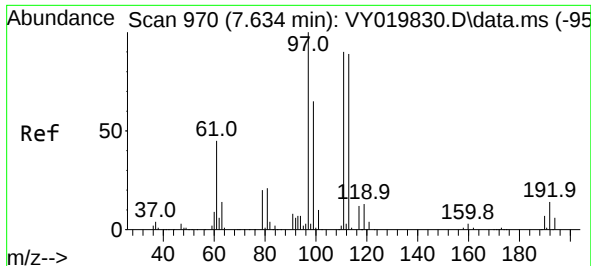
Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 16.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.429 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

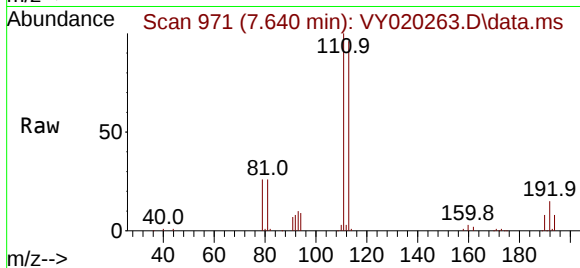
Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

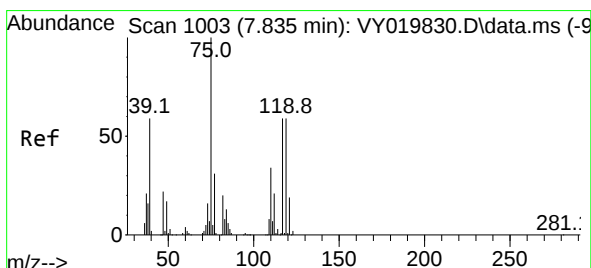
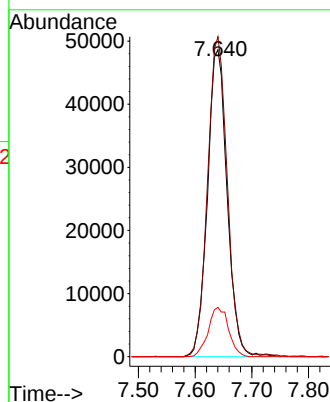
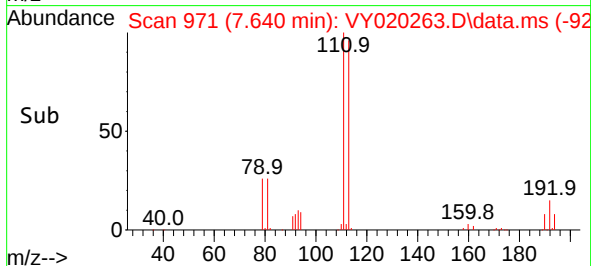
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	117102
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.4
192	16.6	15.9	23.9



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

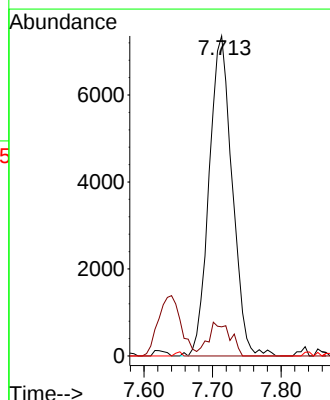
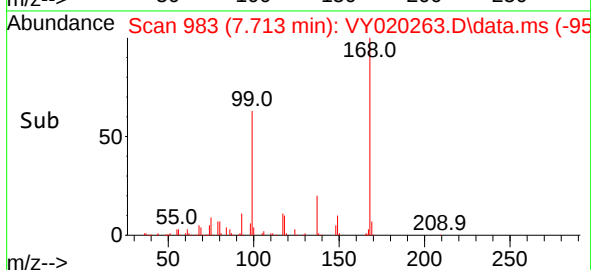
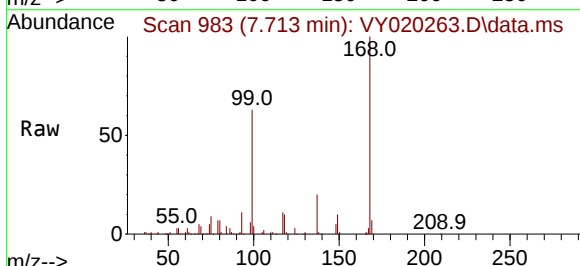
RT: 7.713 min Scan# 983

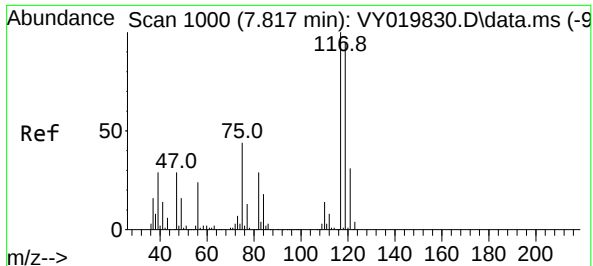
Delta R.T. -0.122 min

Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

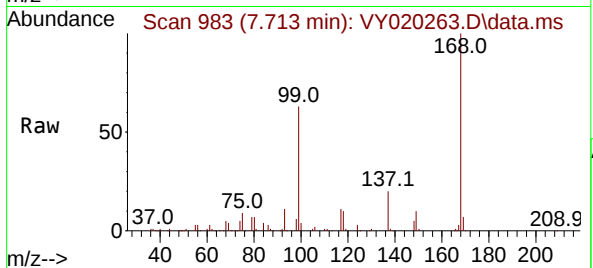
Tgt Ion:	75	Resp:	17236
Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.0	57.0#
77	0.0	25.3	37.9#



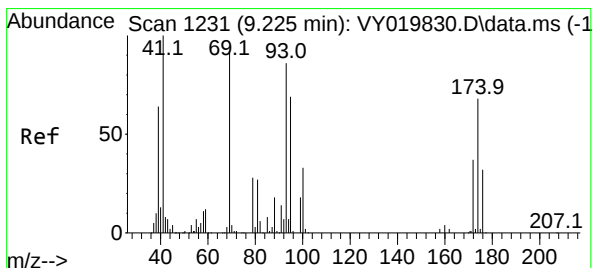
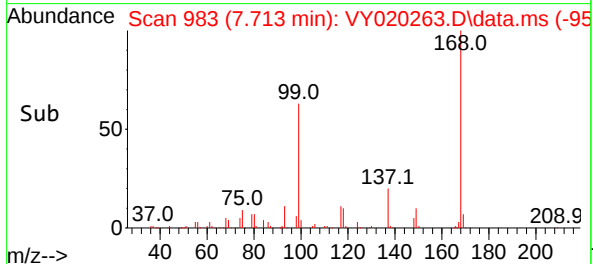
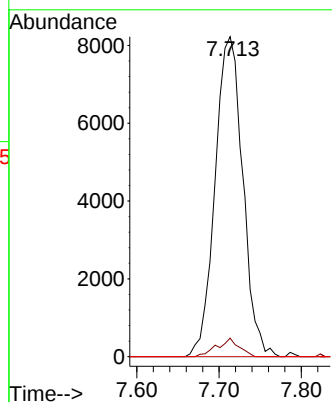


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

Instrument :
MSVOA_Y
ClientSampleId :

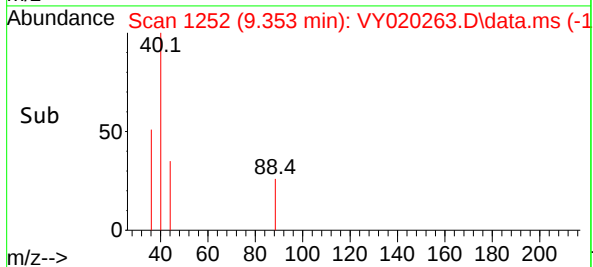
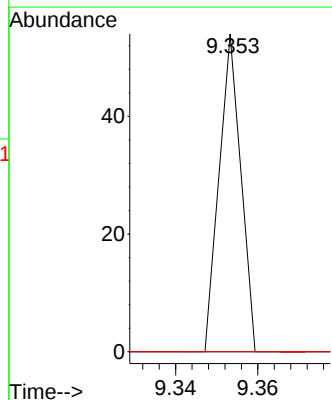
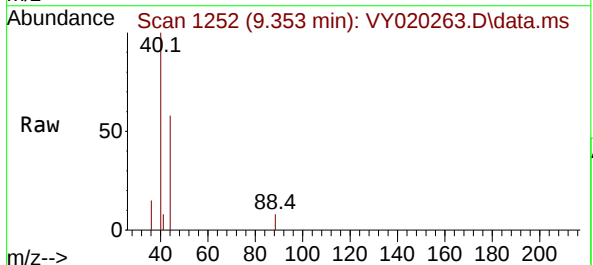


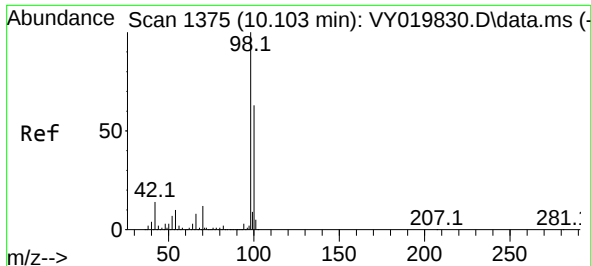
Tgt Ion:117 Resp: 19282
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.431 ug/l
RT: 9.353 min Scan# 1252
Delta R.T. 0.122 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

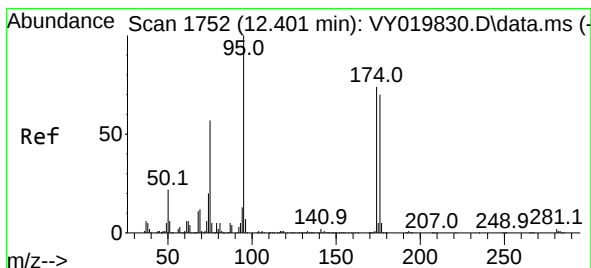
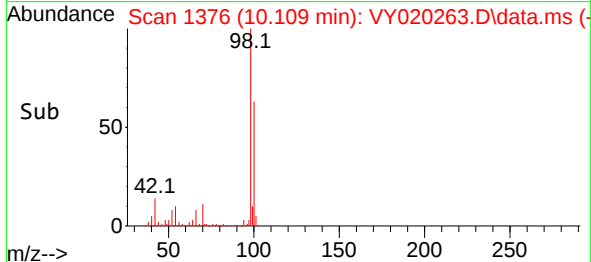
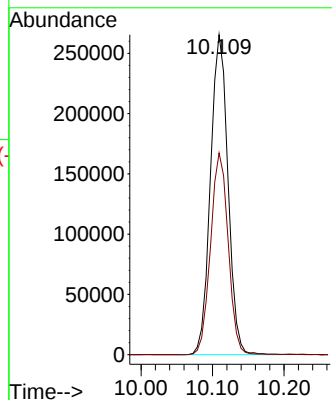
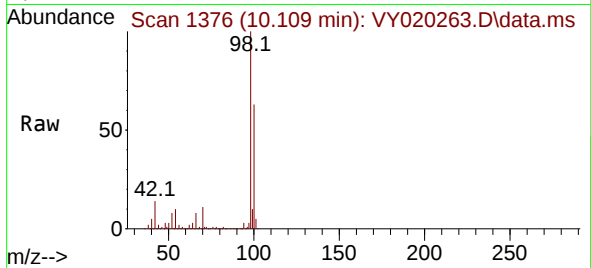




#50
Toluene-d8
Concen: 48.788 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

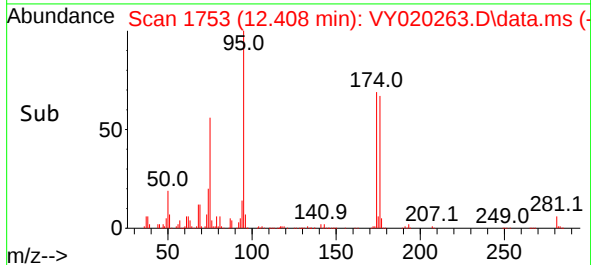
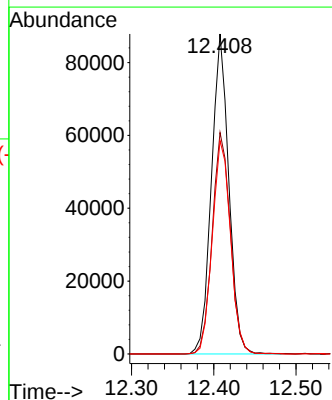
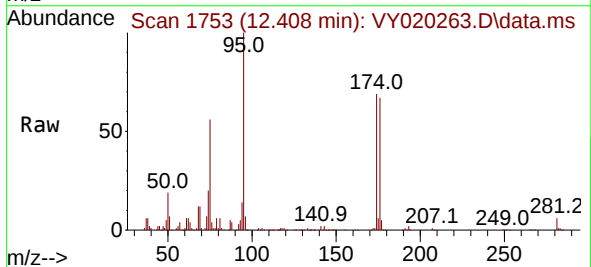
Instrument :
MSVOA_Y
ClientSampleId :

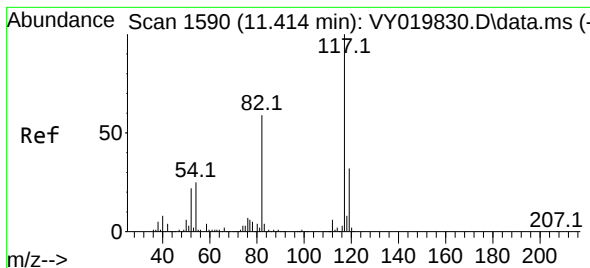
Tgt Ion: 98 Resp: 450954
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.932 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

Tgt Ion: 95 Resp: 128893
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 69.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

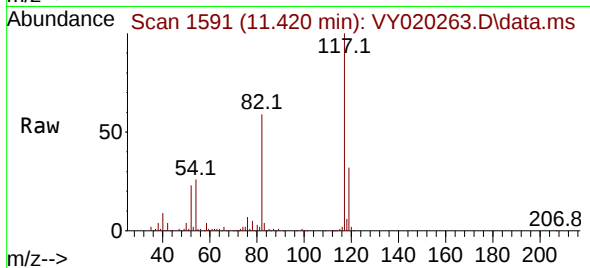
Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

Instrument :

MSVOA_Y

ClientSampleId :



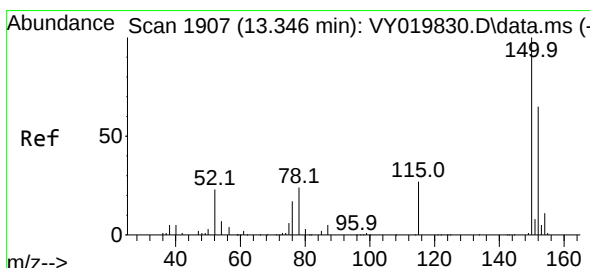
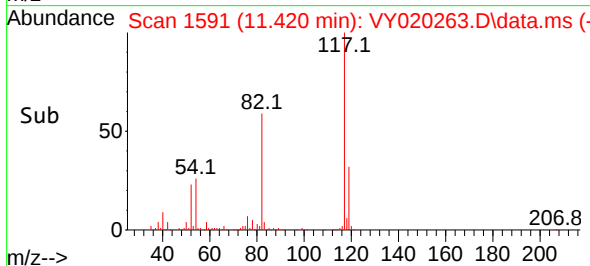
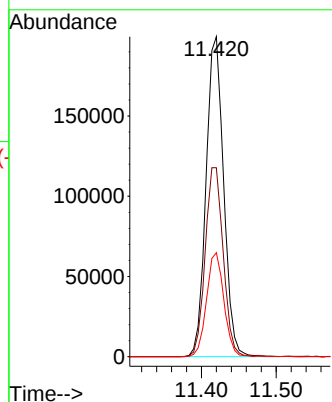
Tgt Ion:117 Resp: 325551

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020263.D

Acq: 12 Nov 2024 12:44

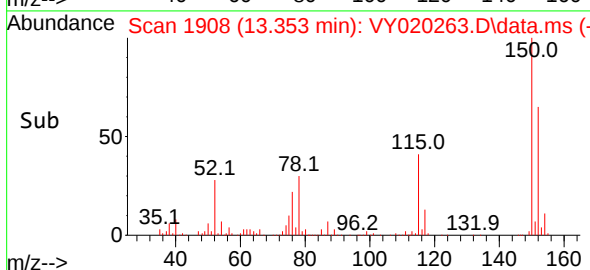
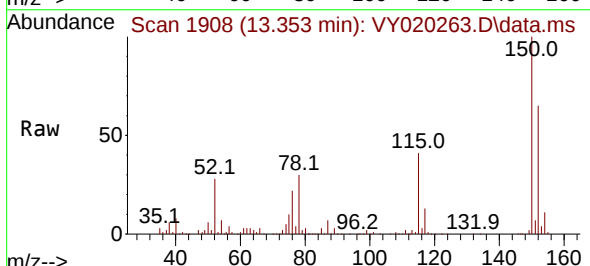
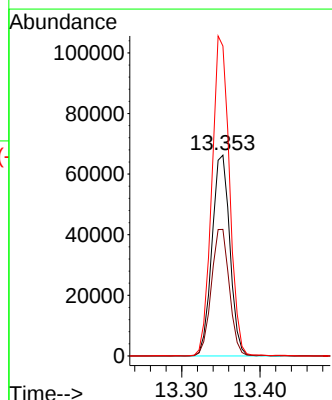
Tgt Ion:152 Resp: 104886

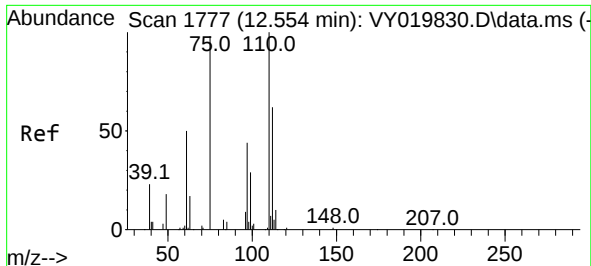
Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 156.9 0.0 345.6

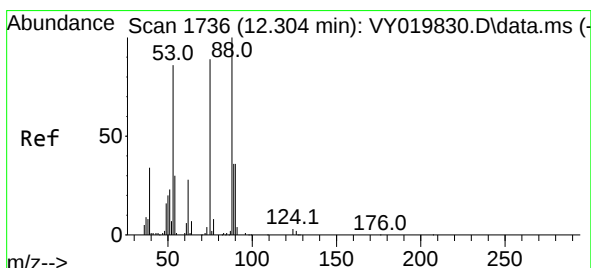
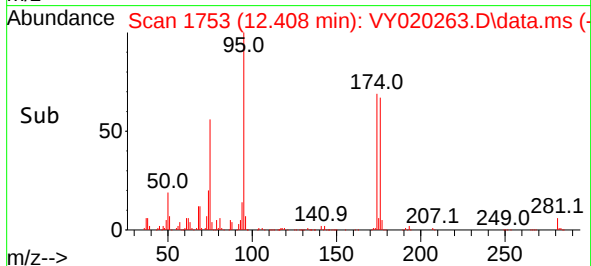
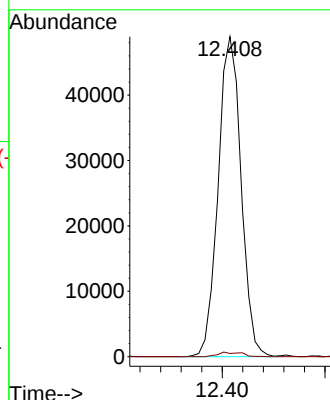
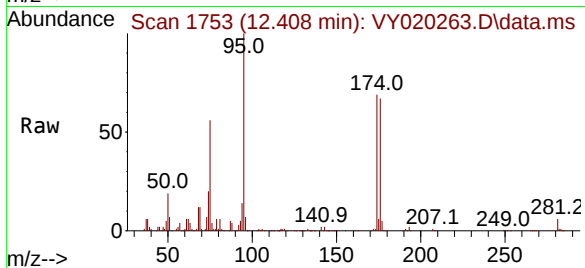




#76
1,2,3-Trichloropropane
Concen: 77.102 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

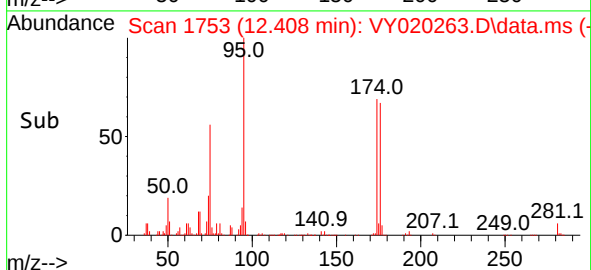
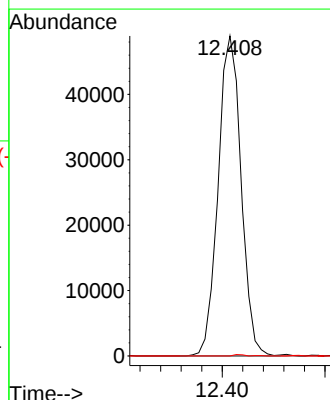
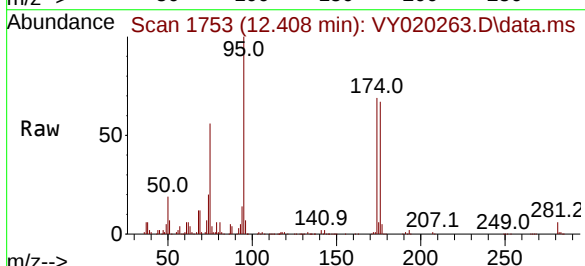
Instrument :
MSVOA_Y
ClientSampleId :

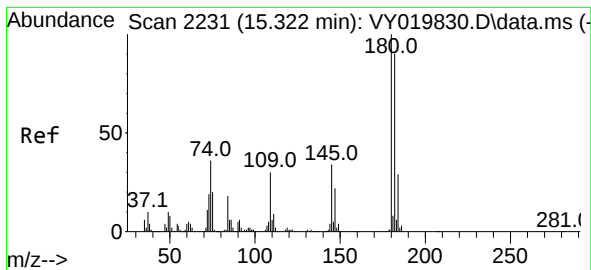
Tgt Ion: 75 Resp: 75806
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 165.843 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020263.D
Acq: 12 Nov 2024 12:44

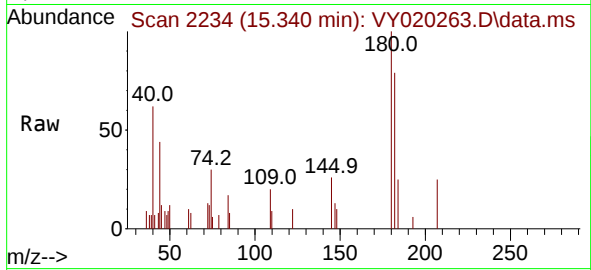
Tgt Ion: 75 Resp: 75806
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.008 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020263.D
 Acq: 12 Nov 2024 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1375
Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.9
145	43.3	15.4	46.1

