

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020210.D
 Acq On : 07 Nov 2024 16:31
 Operator : SY/MD
 Sample : P4722-19
 Misc : 12.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:29:19 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)

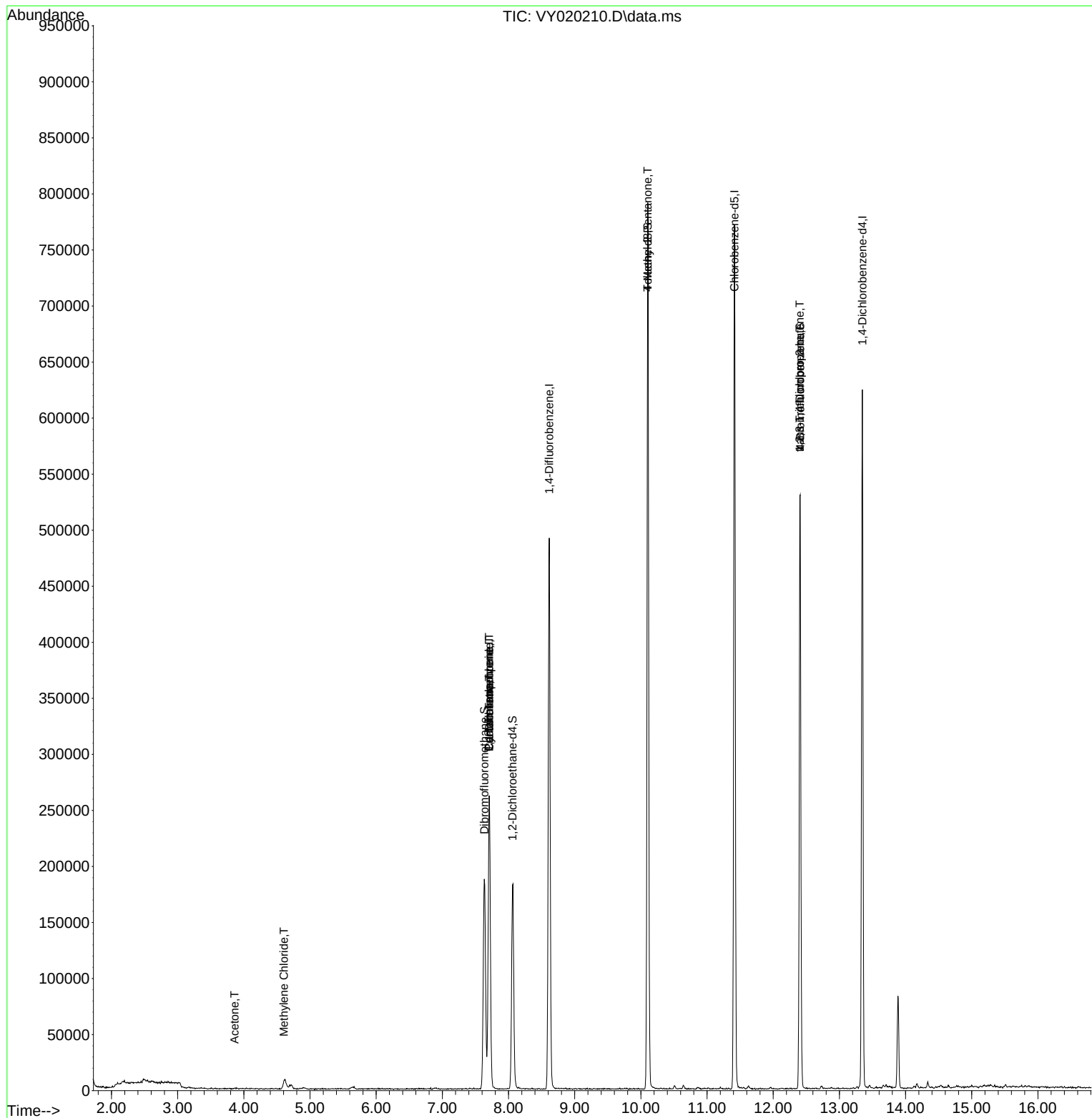
Internal Standards						
1) Pentafluorobenzene	7.707	168	179581	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	387425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144252	64.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.634	113	133587	54.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.103	98	488413	49.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.408	95	155768	48.911	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	534	1.025	ug/l	89
20) Methylene Chloride	4.604	84	2847	1.216	ug/l #	89
31) Cyclohexane	7.707	56	5356	1.317	ug/l #	49
36) 1,1-Dichloropropene	7.707	75	17582	4.621	ug/l #	47
38) Carbon Tetrachloride	7.707	117	21416	5.597	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	2867	1.595	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	92295	70.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	92295	152.655	ug/l #	16

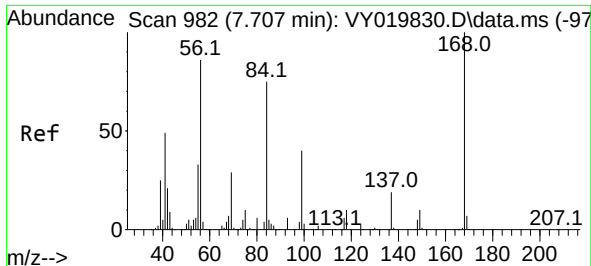
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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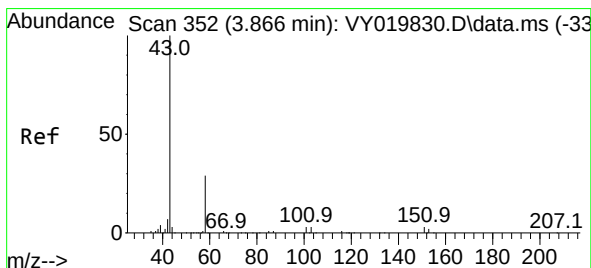
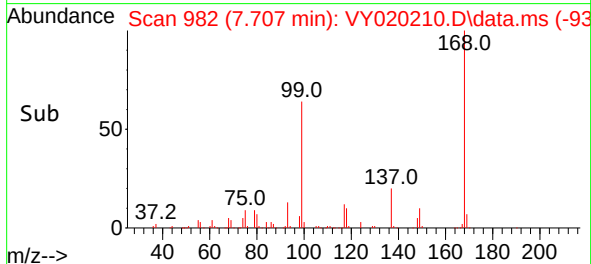
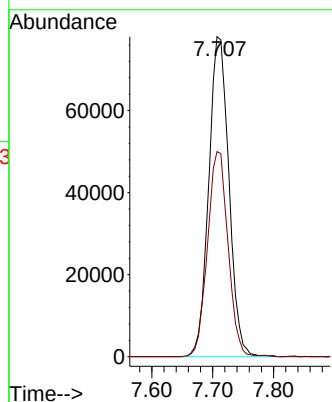
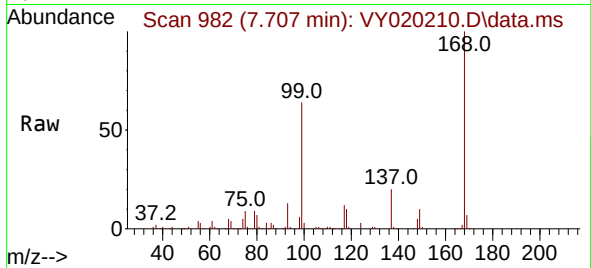




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

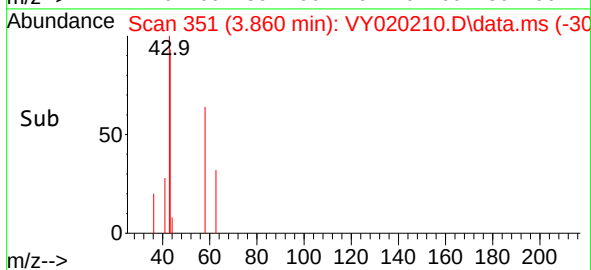
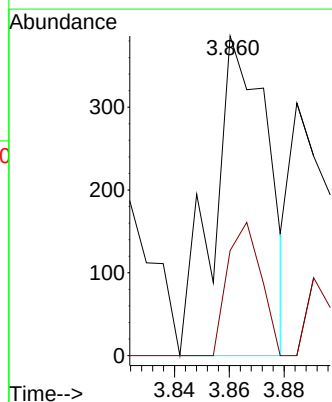
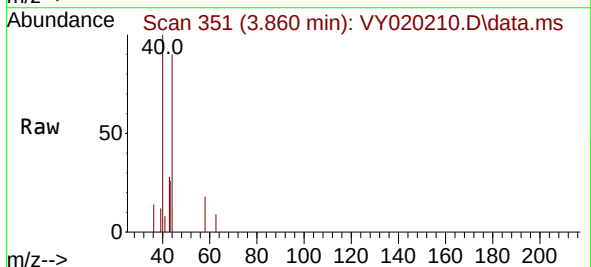
Instrument :
MSVOA_Y
ClientSampleId :

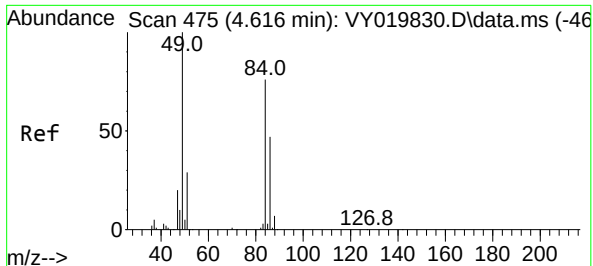
Tgt Ion:168 Resp: 179581
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#16
Acetone
Concen: 1.025 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

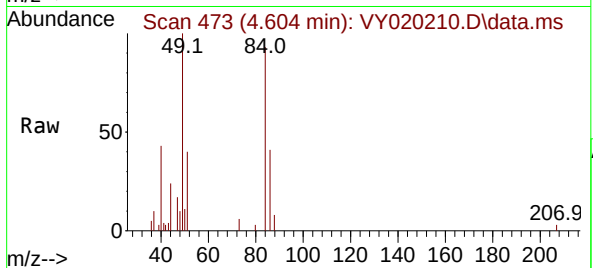
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5



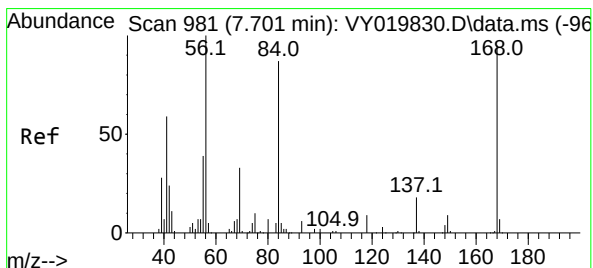
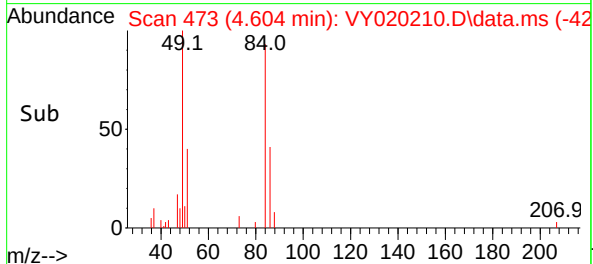
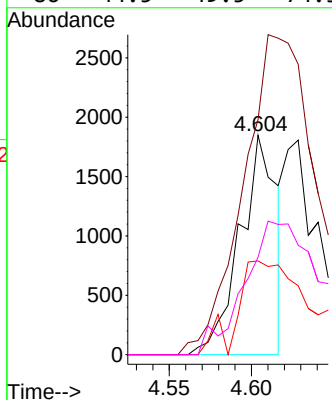


#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

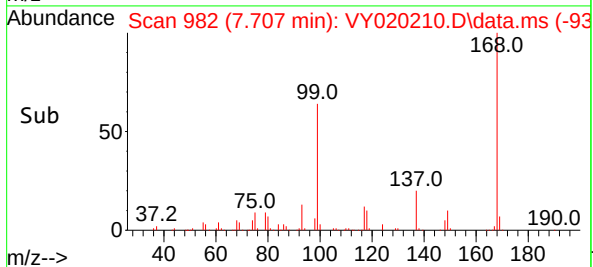
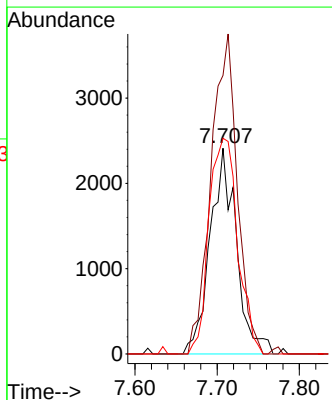
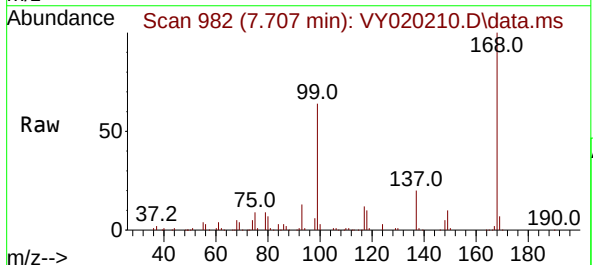


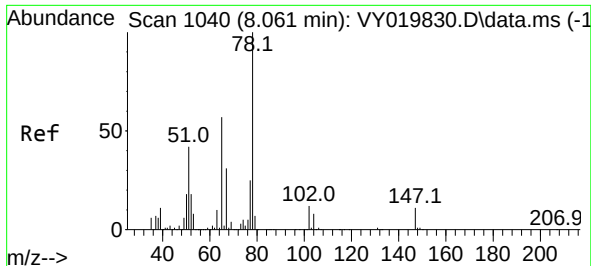
Tgt Ion:	84	Resp:	2847
Ion	Ratio	Lower	Upper
84	100		
49	107.1	84.4	126.6
51	42.7	26.0	39.0#
86	44.5	49.5	74.3#



#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

Tgt Ion:	56	Resp:	5356
Ion	Ratio	Lower	Upper
56	100		
69	135.4	28.7	43.1#
84	104.8	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 64.361 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

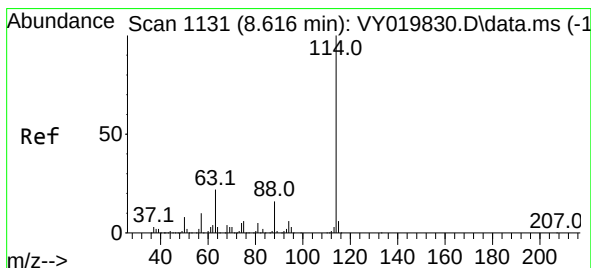
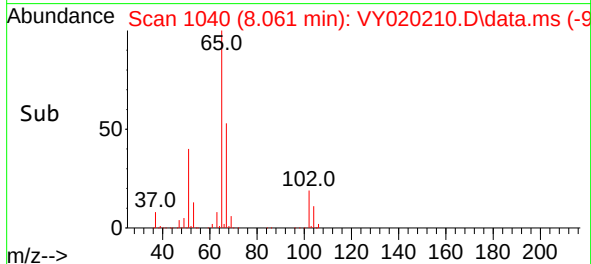
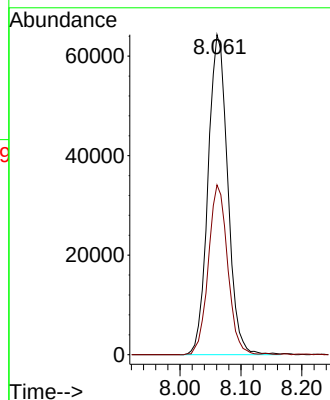
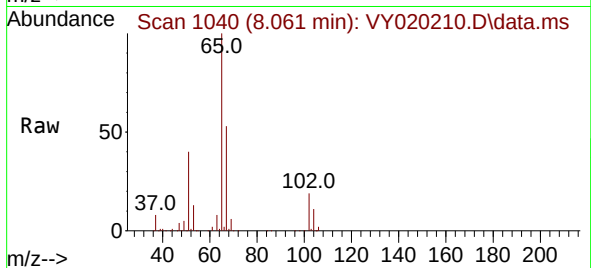
ClientSampleId :

Tgt Ion: 65 Resp: 144252

Ion Ratio Lower Upper

65 100

67 52.0 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: VY020210.D

Acq: 07 Nov 2024 16:31

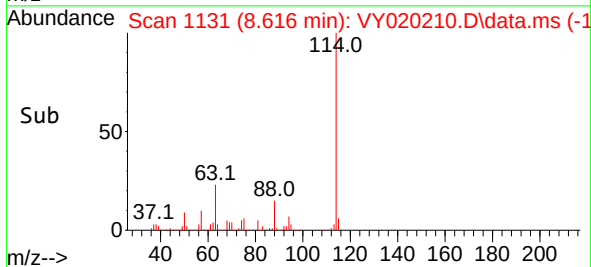
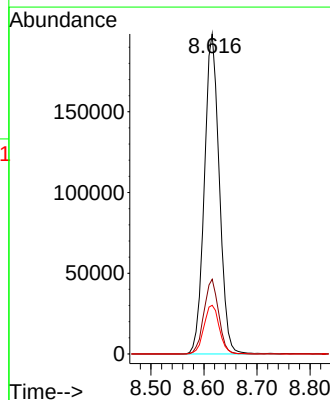
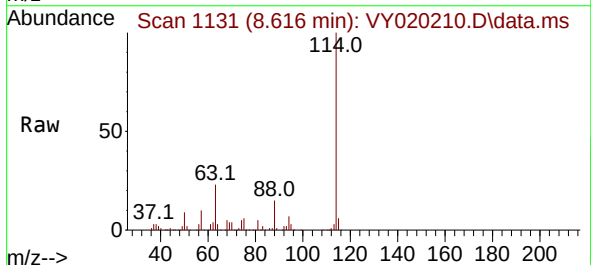
Tgt Ion: 114 Resp: 387425

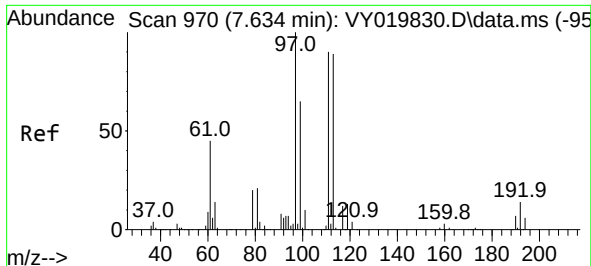
Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

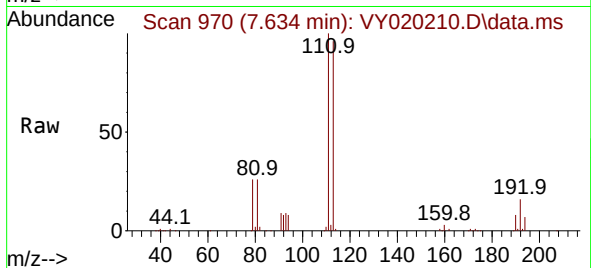
88 15.2 0.0 27.2



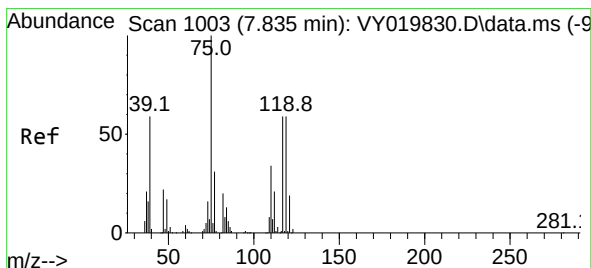
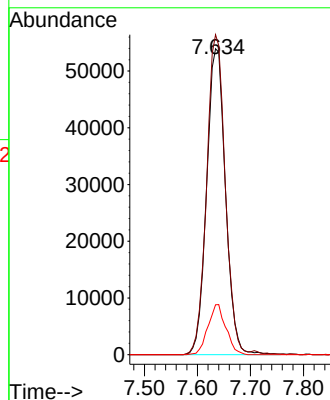
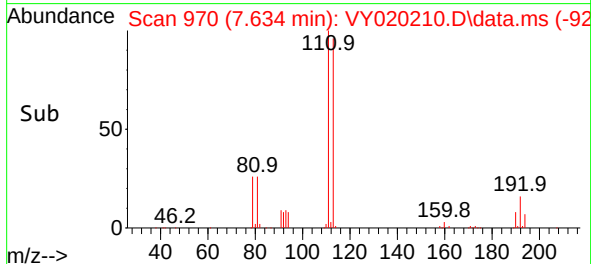


#35
Dibromofluoromethane
Concen: 54.232 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

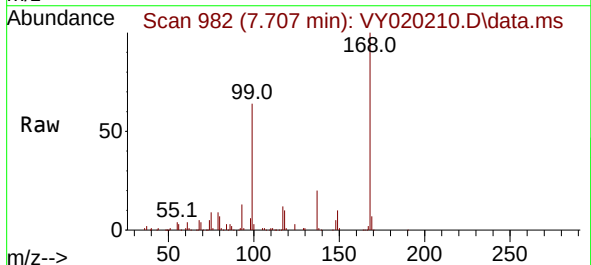
Instrument :
MSVOA_Y
ClientSampleId :



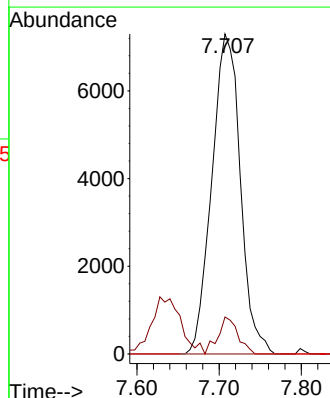
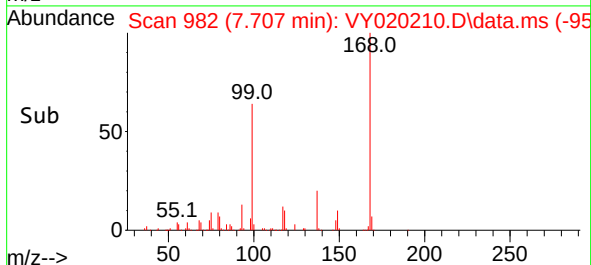
Tgt Ion:113 Resp: 133587
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 15.6 15.9 23.9#

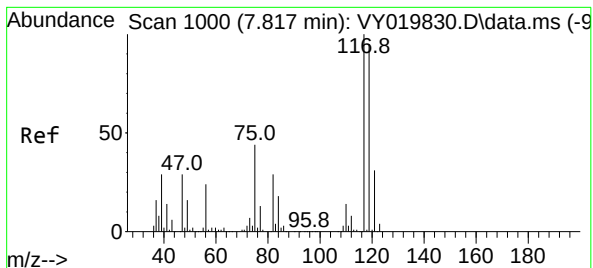


#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31



Tgt Ion: 75 Resp: 17582
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.597 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.110 min

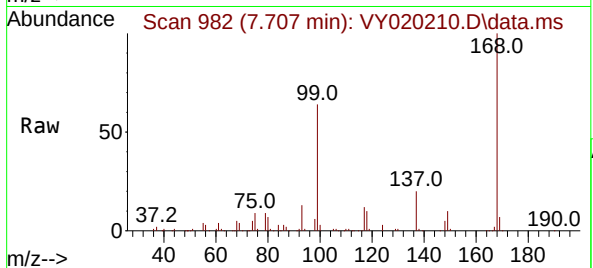
Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :



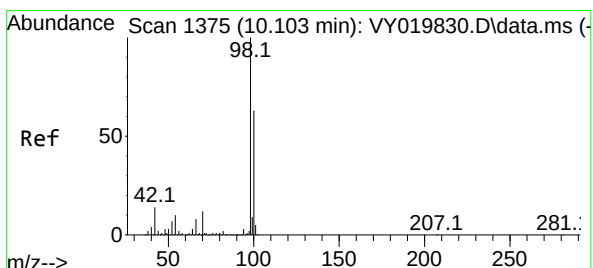
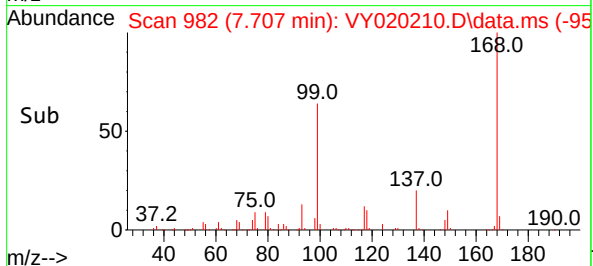
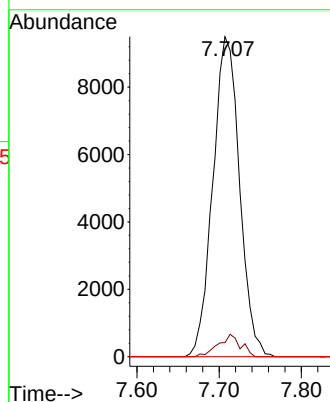
Tgt Ion:117 Resp: 21416

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.813 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020210.D

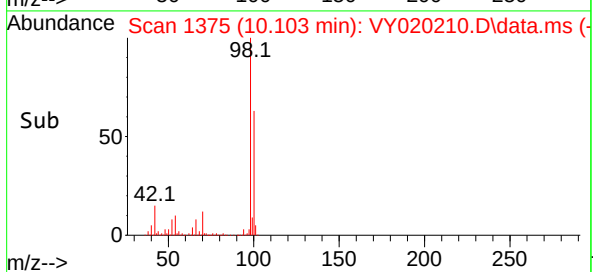
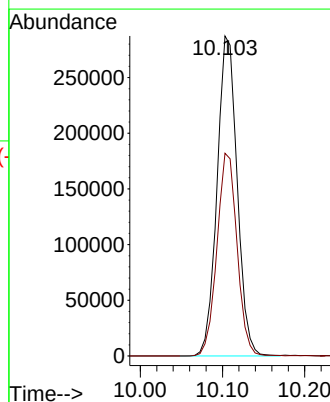
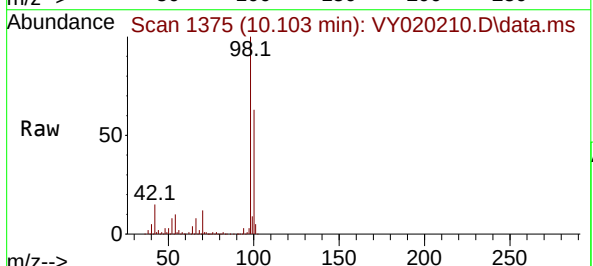
Acq: 07 Nov 2024 16:31

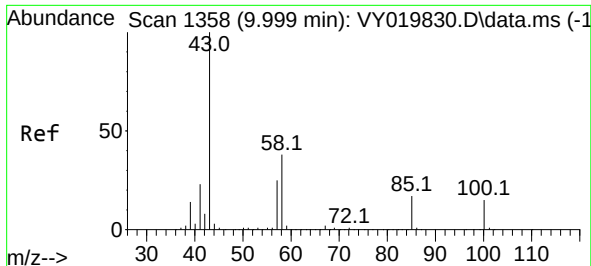
Tgt Ion: 98 Resp: 488413

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.595 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

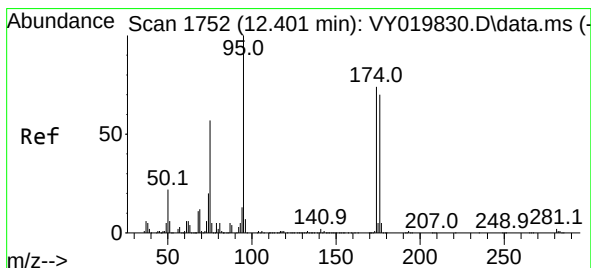
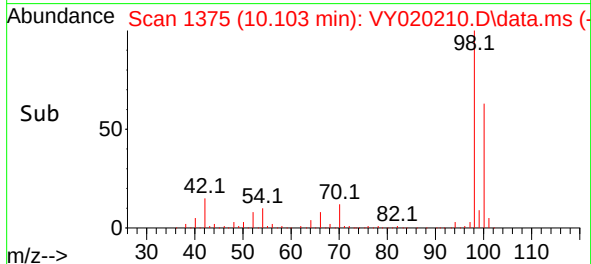
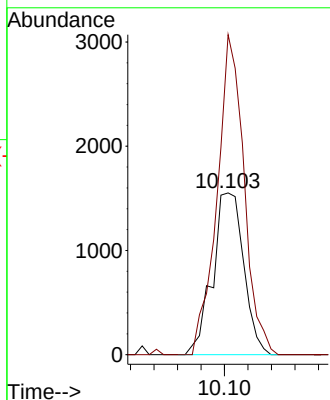
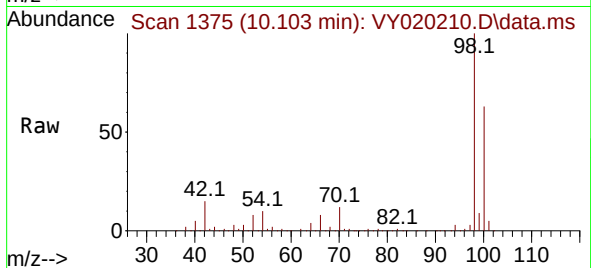
ClientSampleId :

Tgt Ion: 43 Resp: 2867

Ion Ratio Lower Upper

43 100

58 171.0 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 48.911 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

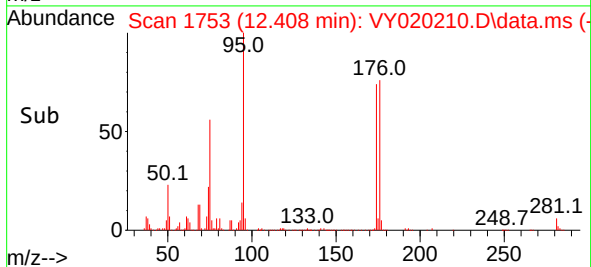
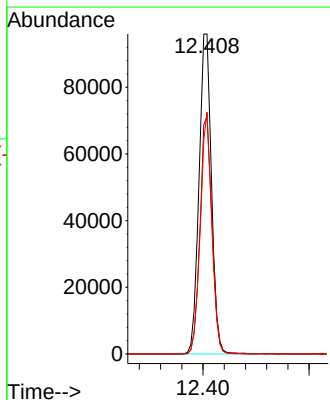
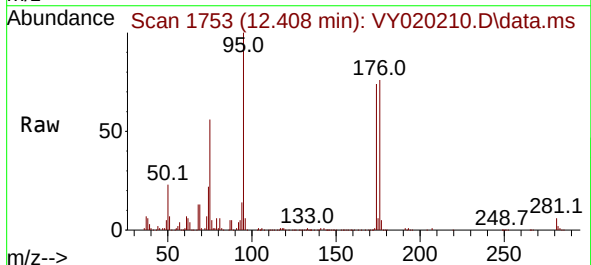
Tgt Ion: 95 Resp: 155768

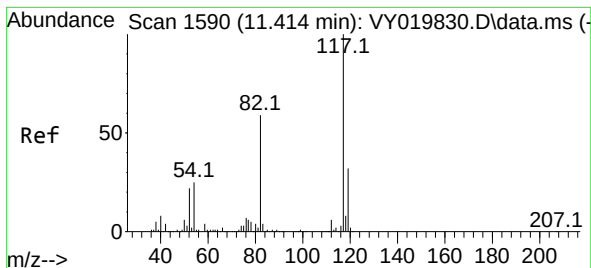
Ion Ratio Lower Upper

95 100

174 71.8 0.0 175.6

176 69.2 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: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

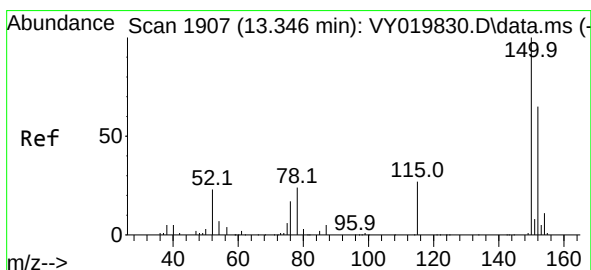
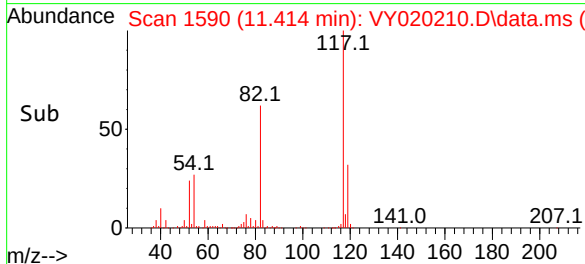
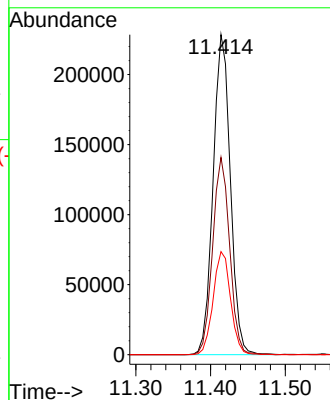
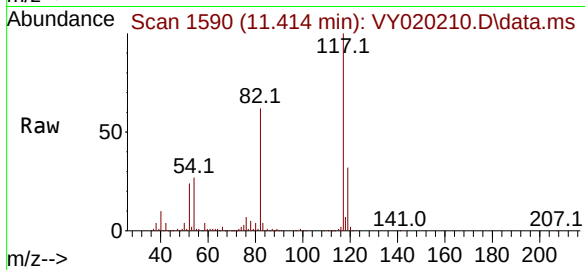
Tgt Ion:117 Resp: 366025

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 32.2 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: VY020210.D

Acq: 07 Nov 2024 16:31

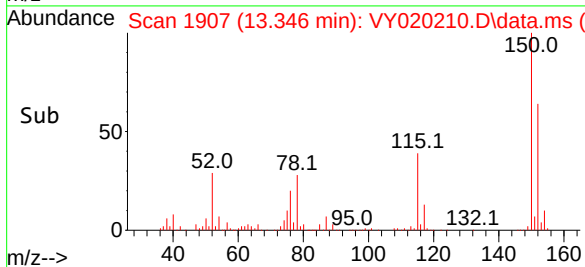
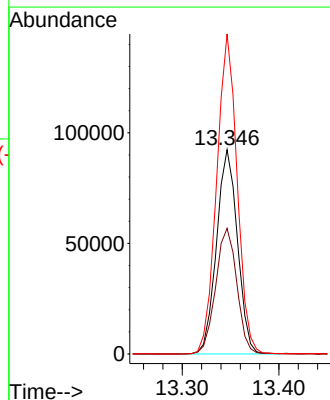
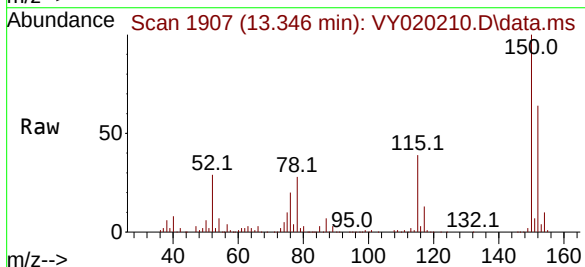
Tgt Ion:152 Resp: 138732

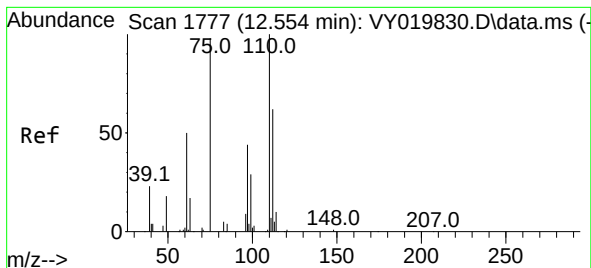
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 153.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 70.971 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

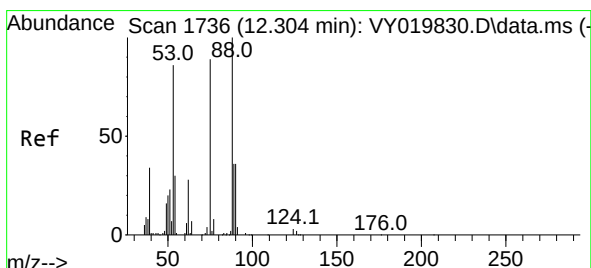
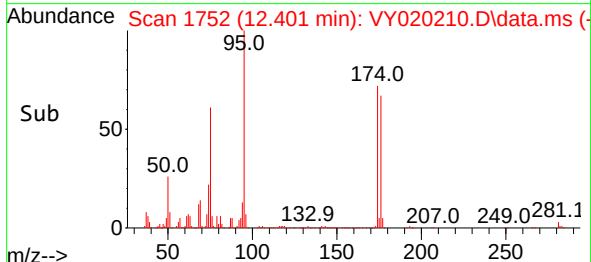
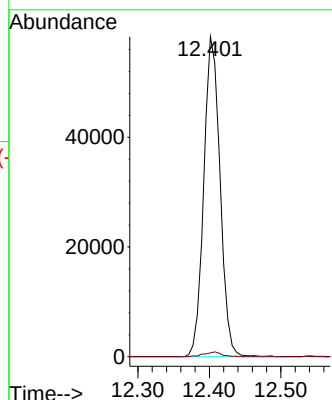
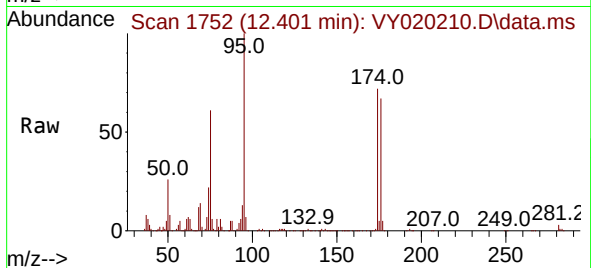
ClientSampleId :

Tgt Ion: 75 Resp: 92295

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.655 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Tgt Ion: 75 Resp: 92295

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

