

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020211.D
 Acq On : 07 Nov 2024 16:54
 Operator : SY/MD
 Sample : P4722-21
 Misc : 12.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:29:40 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	175489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	372455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143034	65.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.620%			
35) Dibromofluoromethane	7.634	113	128538	54.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.560%			
50) Toluene-d8	10.103	98	466201	49.459	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.401	95	144935	47.339	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 94.680%			
Target Compounds					Qvalue	
16) Acetone	3.879	43	842	1.653	ug/l #	86
20) Methylene Chloride	4.616	84	8216	3.591	ug/l #	87
31) Cyclohexane	7.713	56	5672	1.427	ug/l #	44
36) 1,1-Dichloropropene	7.707	75	18198	4.975	ug/l #	49
38) Carbon Tetrachloride	7.701	117	19664	5.346	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2959	1.712	ug/l #	1
60) Dibromochloromethane	10.640	129	4428	2.018	ug/l #	10
64) Tetrachloroethene	10.640	164	5015	2.157	ug/l #	89
76) 1,2,3-Trichloropropane	12.401	75	88003	76.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	88003	163.607	ug/l #	16

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

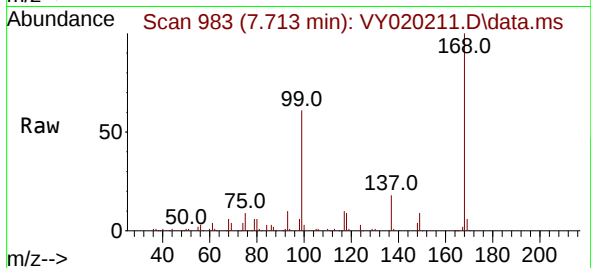
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



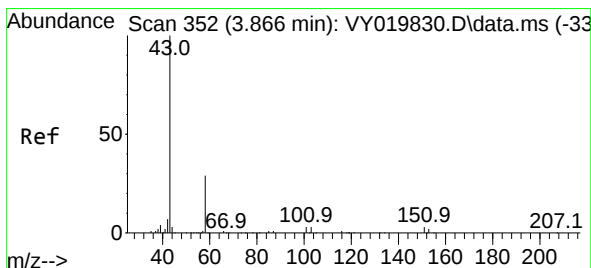
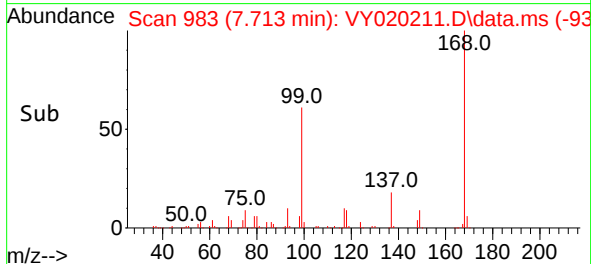
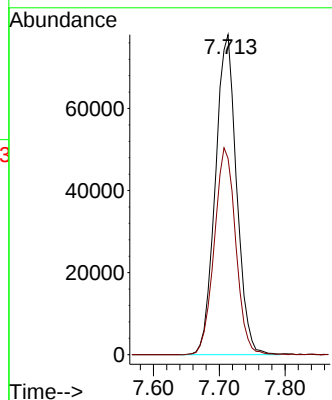


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

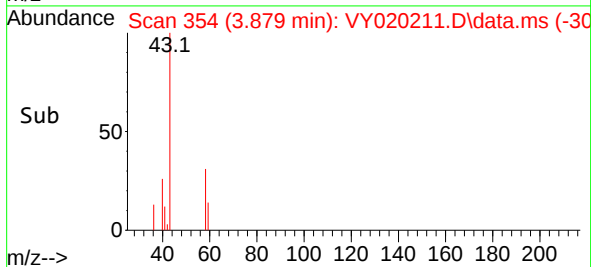
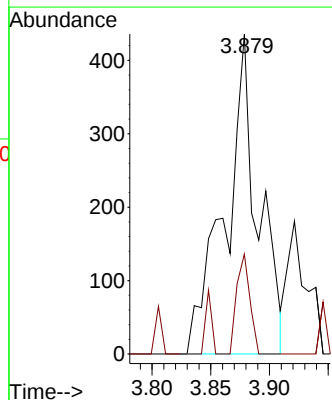
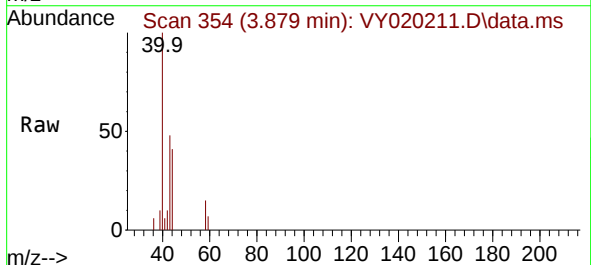


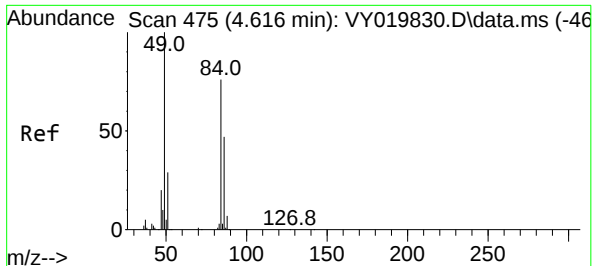
Tgt Ion:168 Resp: 175489
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#16
Acetone
Concen: 1.653 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#

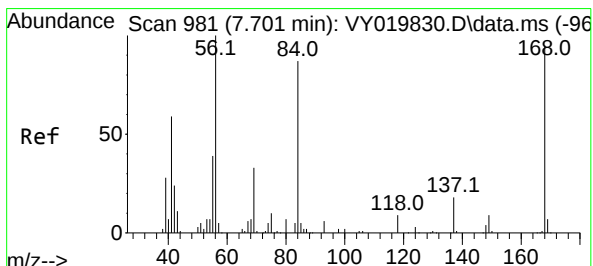
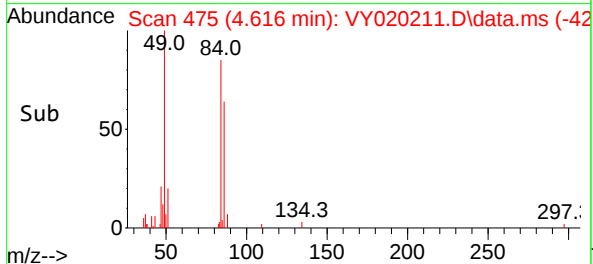
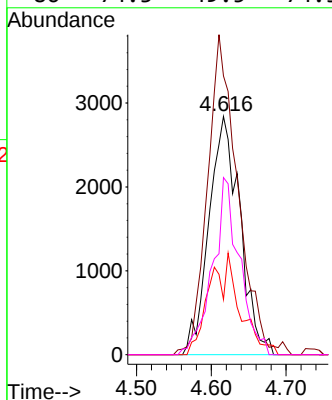
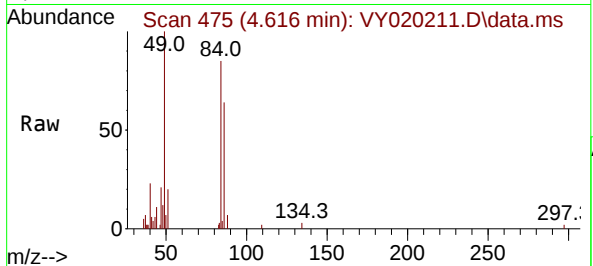




#20
Methylene Chloride
Concen: 3.591 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

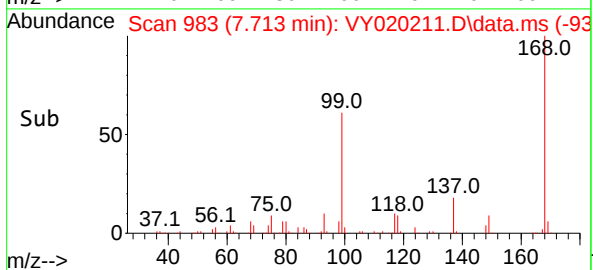
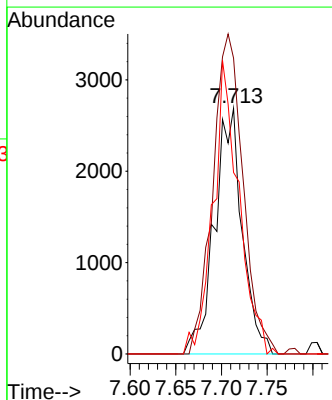
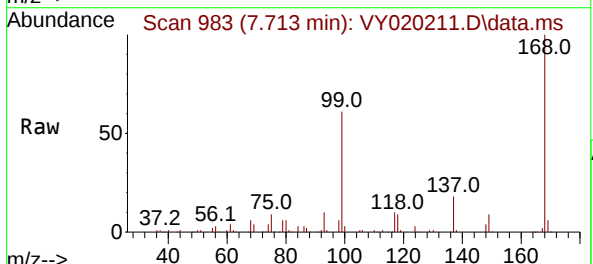
Instrument :
MSVOA_Y
ClientSampleId :

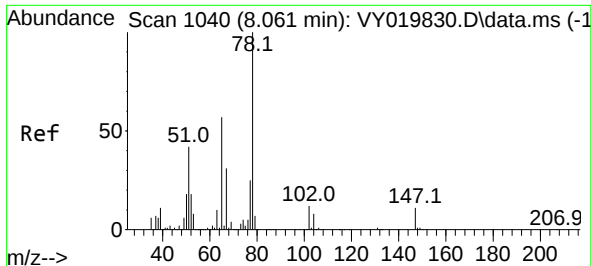
Tgt Ion:	84	Resp:	8216
Ion	Ratio	Lower	Upper
84	100		
49	115.0	84.4	126.6
51	23.2	26.0	39.0#
86	74.3	49.5	74.3#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Tgt Ion:	56	Resp:	5672
Ion	Ratio	Lower	Upper
56	100		
69	120.5	28.7	43.1#
84	73.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.306 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020211.D

Acq: 07 Nov 2024 16:54

Instrument :

MSVOA_Y

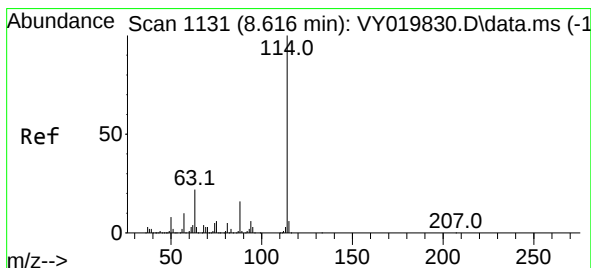
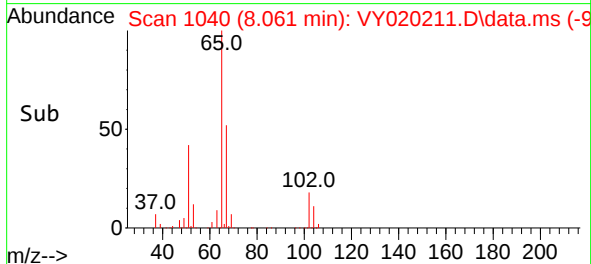
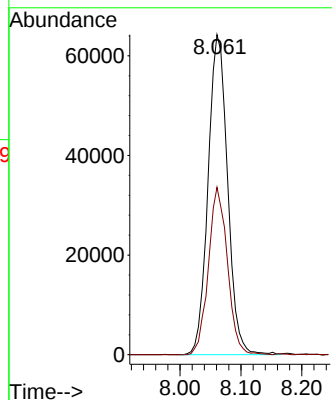
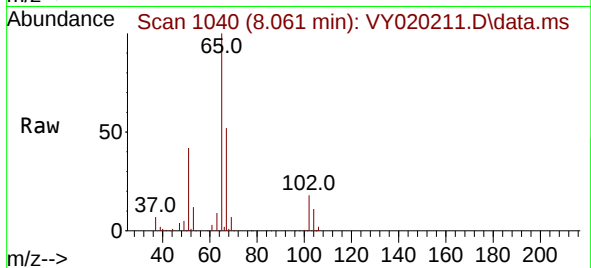
ClientSampleId :

Tgt Ion: 65 Resp: 143034

Ion Ratio Lower Upper

65 100

67 51.0 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: VY020211.D

Acq: 07 Nov 2024 16:54

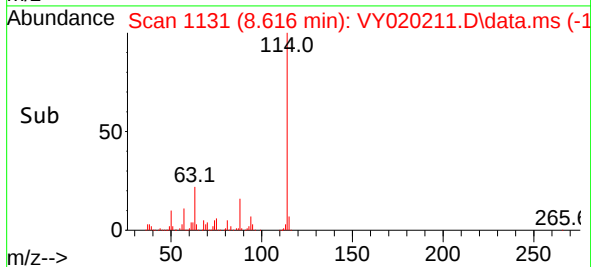
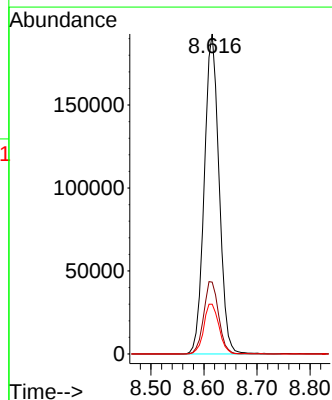
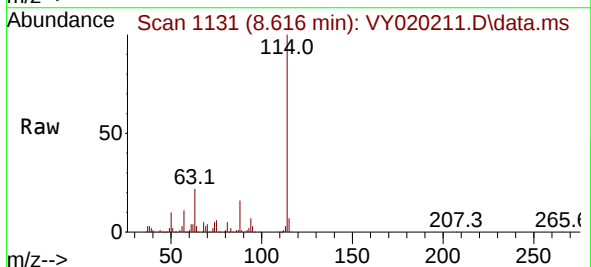
Tgt Ion: 114 Resp: 372455

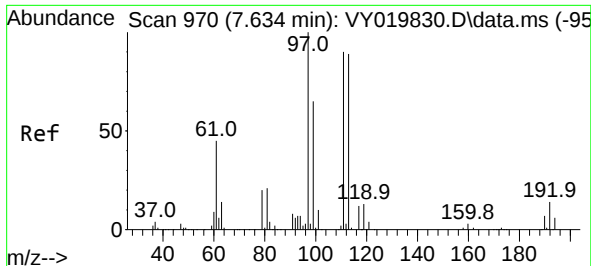
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 15.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.280 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

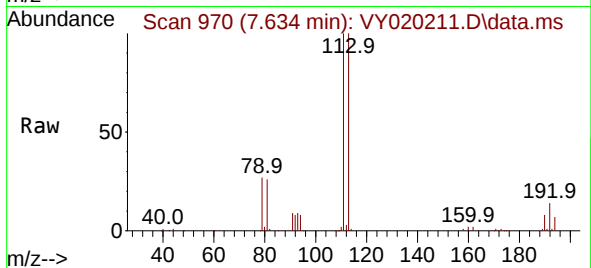
Lab File: VY020211.D

Acq: 07 Nov 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :



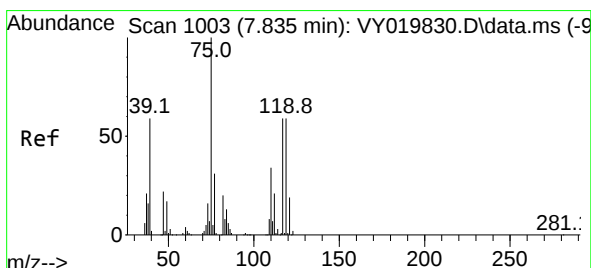
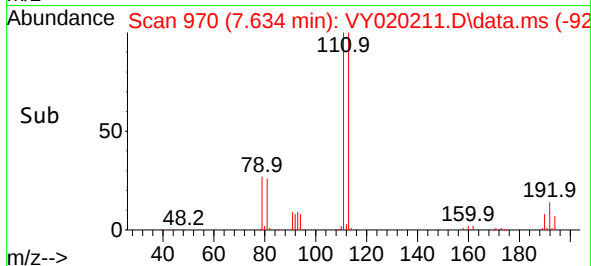
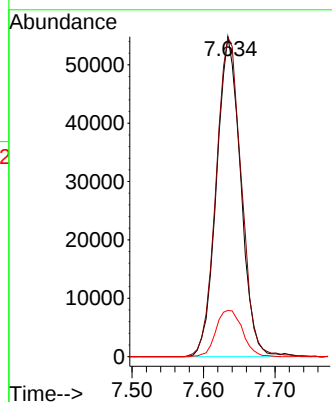
Tgt Ion:113 Resp: 128538

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 15.9 15.9 23.9#



#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020211.D

Acq: 07 Nov 2024 16:54

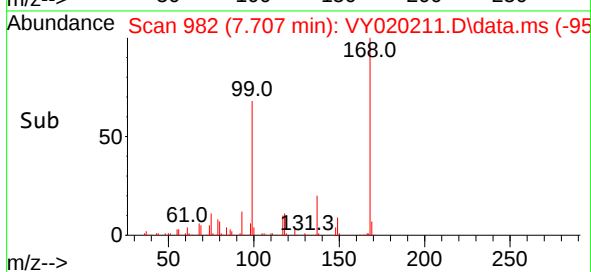
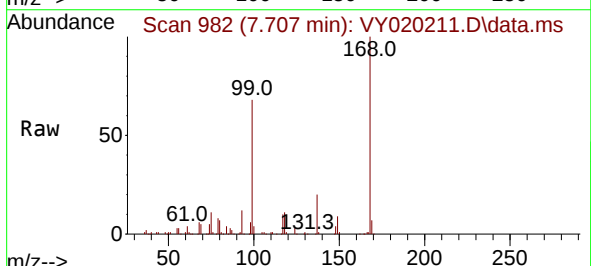
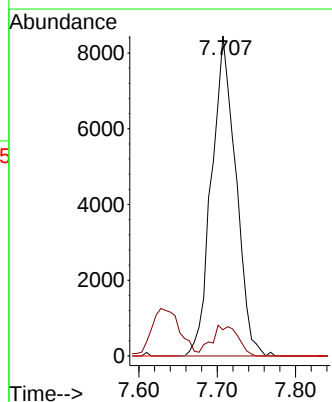
Tgt Ion: 75 Resp: 18198

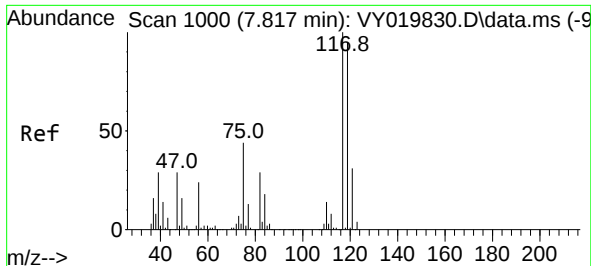
Ion Ratio Lower Upper

75 100

110 10.2 19.0 57.0#

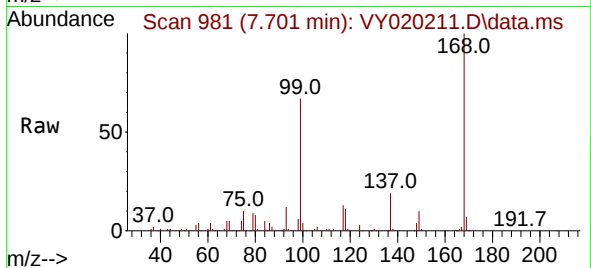
77 0.0 25.3 37.9#



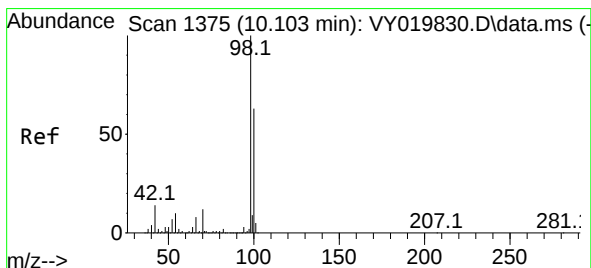
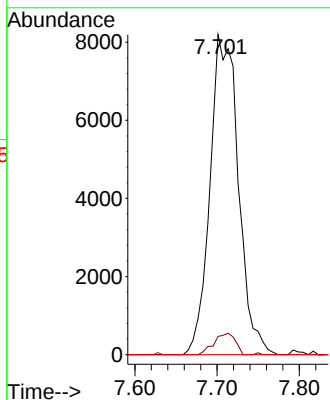
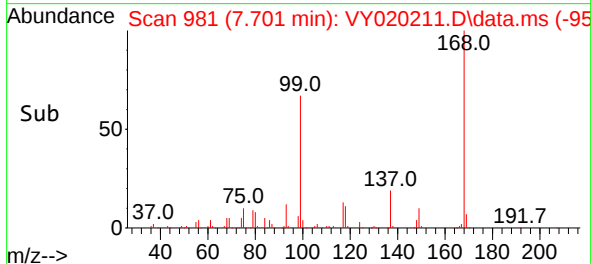


#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

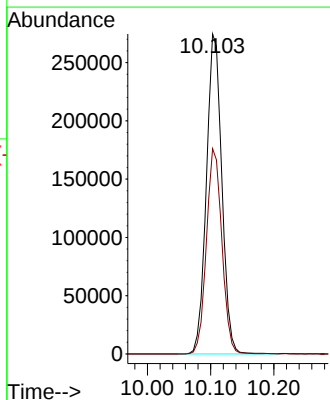
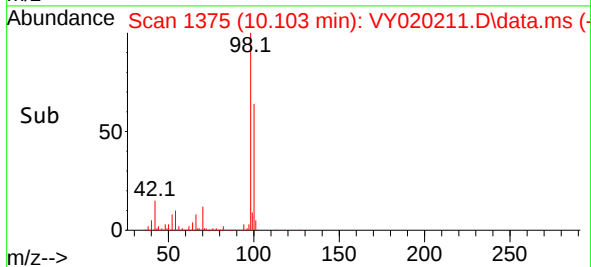
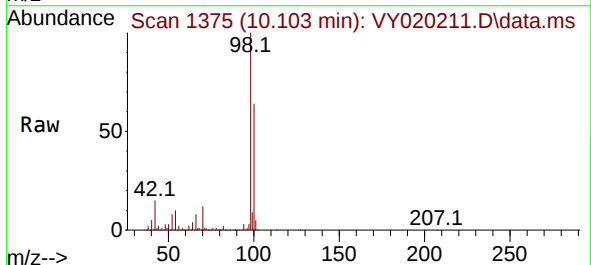


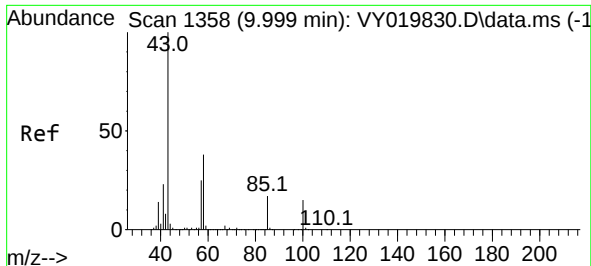
Tgt Ion:117 Resp: 19664
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.459 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Tgt Ion: 98 Resp: 466201
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.712 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY020211.D

Acq: 07 Nov 2024 16:54

Instrument :

MSVOA_Y

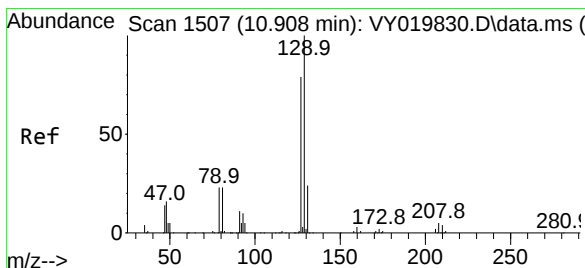
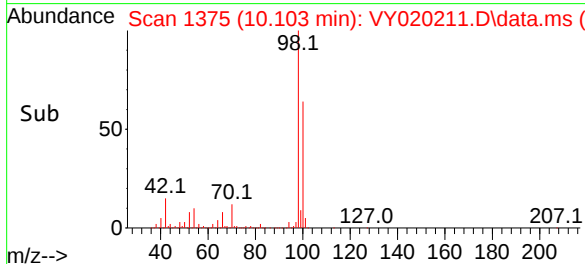
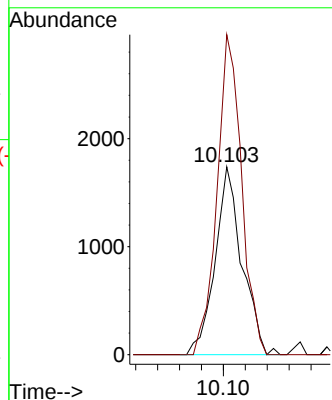
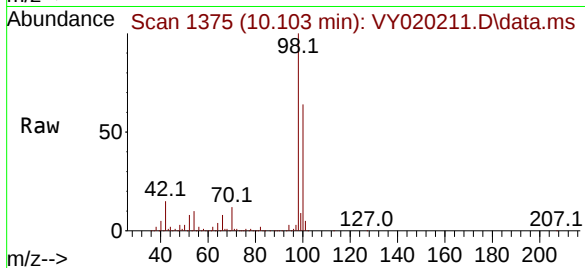
ClientSampleId :

Tgt Ion: 43 Resp: 2959

Ion Ratio Lower Upper

43 100

58 156.1 35.7 53.5#



#60

Dibromochloromethane

Concen: 2.018 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.274 min

Lab File: VY020211.D

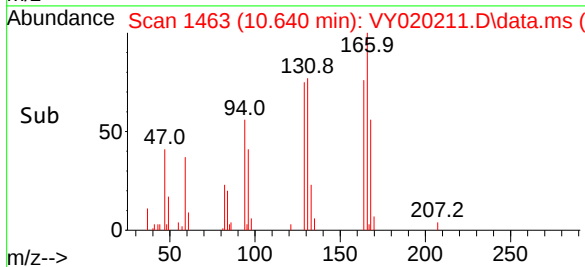
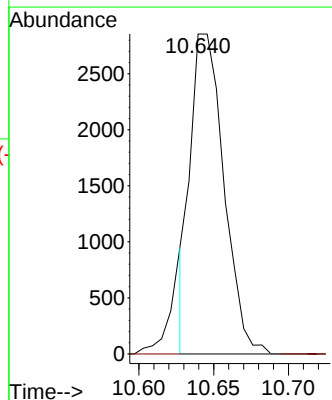
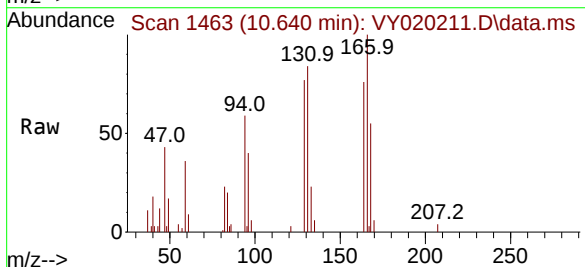
Acq: 07 Nov 2024 16:54

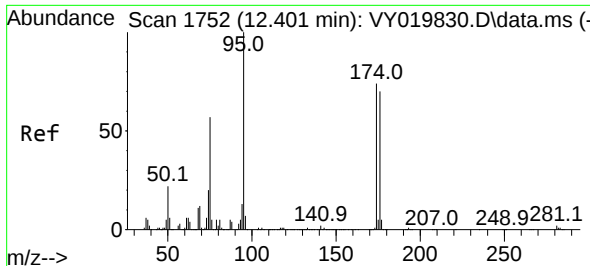
Tgt Ion: 129 Resp: 4428

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

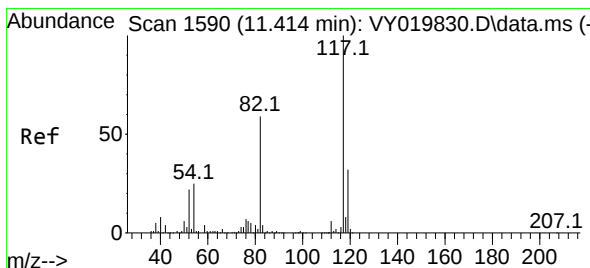
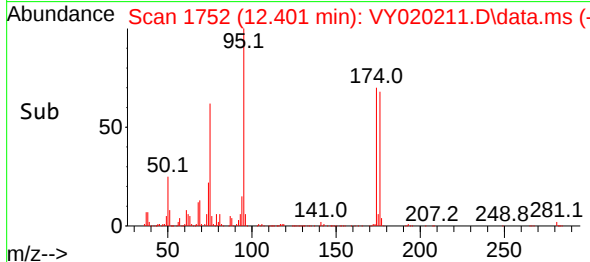
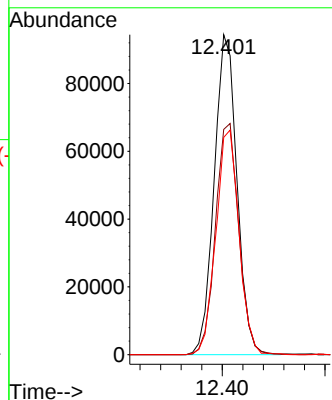
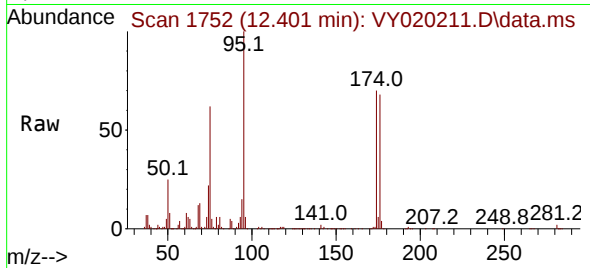




#62
4-Bromofluorobenzene
Concen: 47.339 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

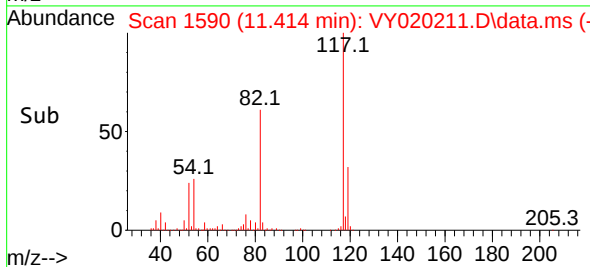
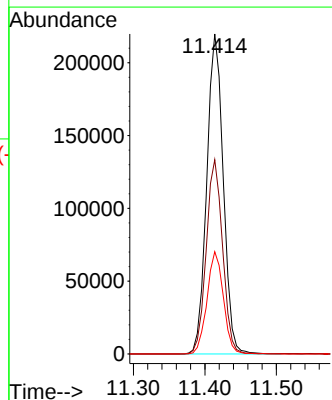
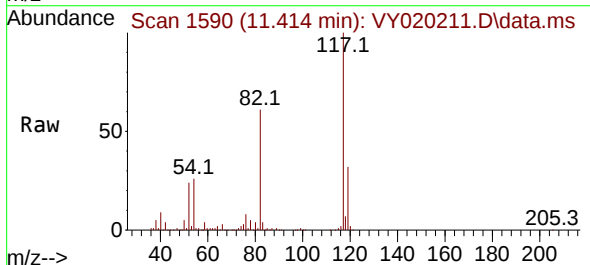
Instrument :
MSVOA_Y
ClientSampleId :

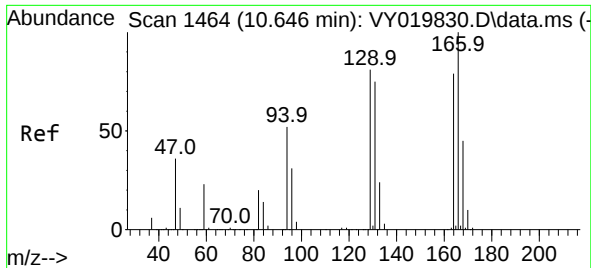
Tgt Ion: 95 Resp: 144935
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

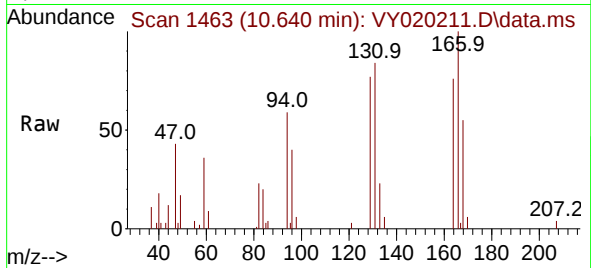
Tgt Ion: 117 Resp: 352192
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.0 25.9 38.9



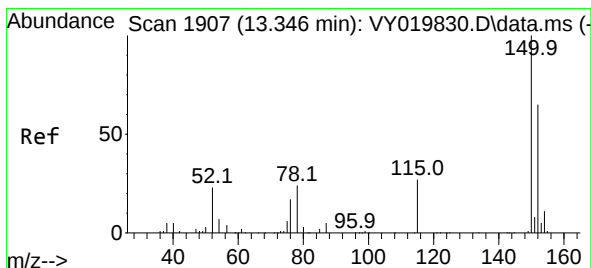
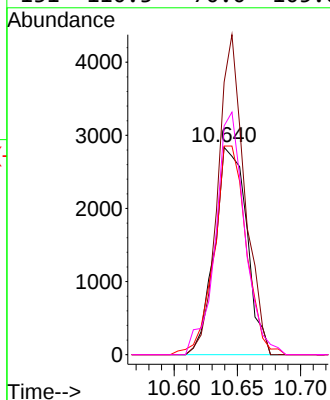
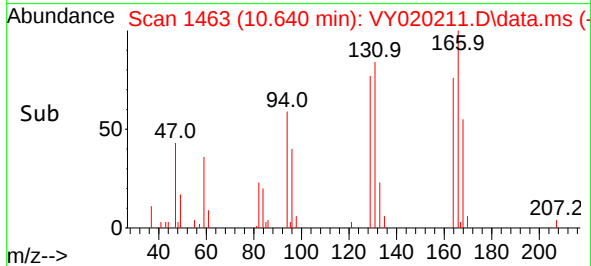


#64
Tetrachloroethene
Concen: 2.157 ug/l
RT: 10.640 min Scan# 1464
Delta R.T. -0.012 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

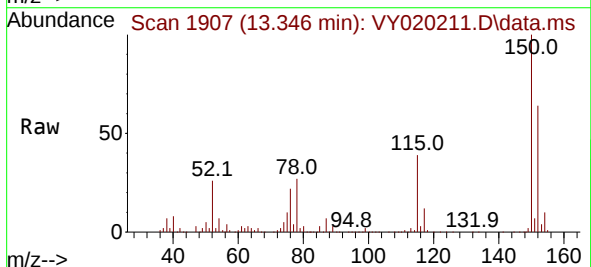
Instrument :
MSVOA_Y
ClientSampleId :



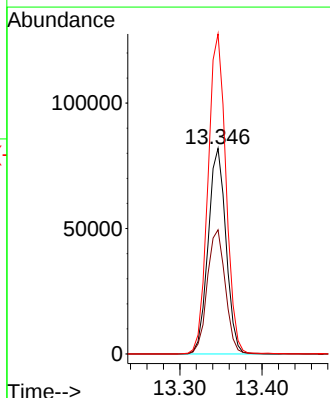
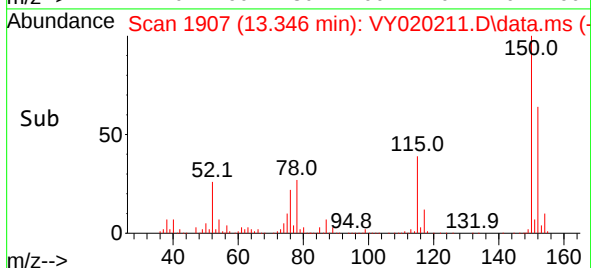
Tgt Ion:164 Resp: 5015
Ion Ratio Lower Upper
164 100
166 131.4 102.6 154.0
129 98.8 72.0 108.0
131 110.3 70.0 105.0#

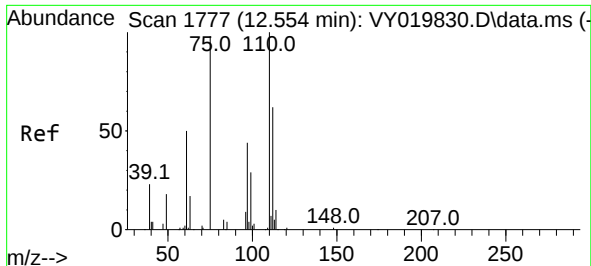


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54



Tgt Ion:152 Resp: 123426
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 157.0 0.0 345.6

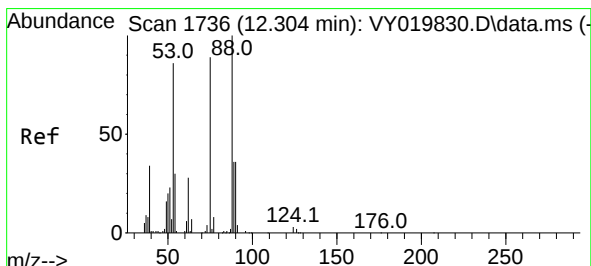
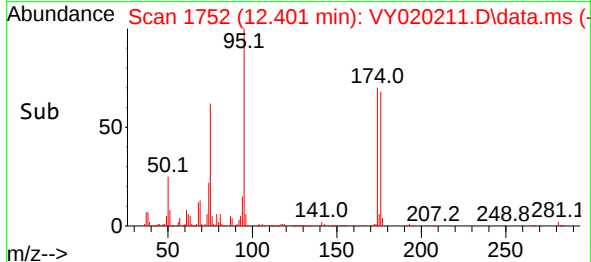
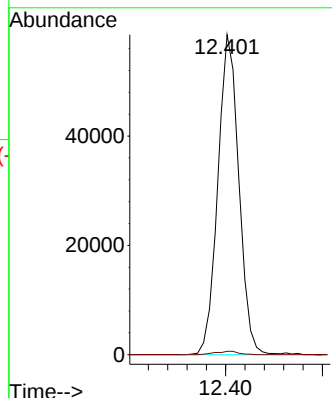
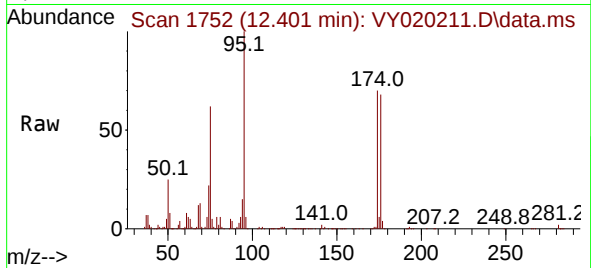




#76
1,2,3-Trichloropropane
Concen: 76.062 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 88003
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.607 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020211.D
Acq: 07 Nov 2024 16:54

Tgt Ion: 75 Resp: 88003
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

