

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020575.D
 Acq On : 10 Dec 2024 17:43
 Operator : SY/MD
 Sample : P5194-03
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:52:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

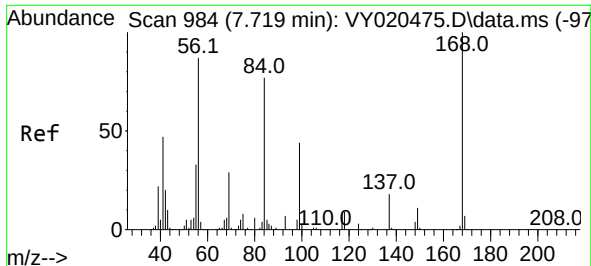
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	97195	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	167005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	147227	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	59459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	62596	63.325	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.640%	
35) Dibromofluoromethane	7.634	113	55516	52.803	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.103	98	203365	50.797	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.401	95	64510	46.072	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	659	2.681	ug/l #	83
31) Cyclohexane	7.701	56	2035	1.045	ug/l #	15
36) 1,1-Dichloropropene	7.701	75	8033	4.524	ug/l #	45
38) Carbon Tetrachloride	7.701	117	10242	4.833	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	969	1.381	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	34417	56.822	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	34417	116.590	ug/l #	9

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

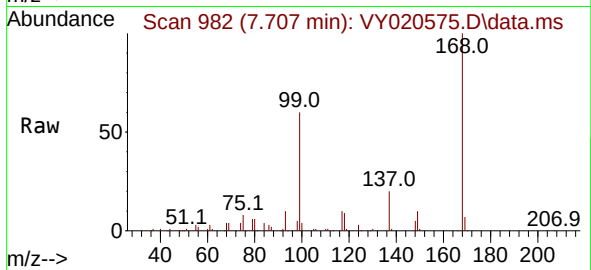
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration



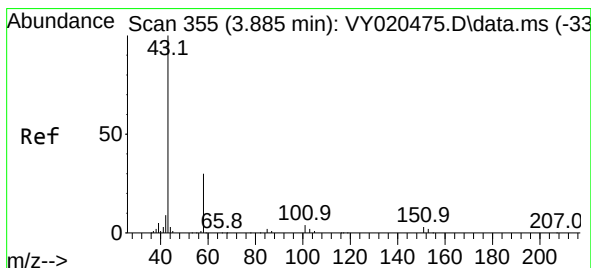
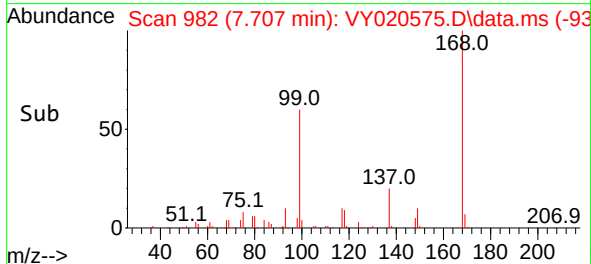
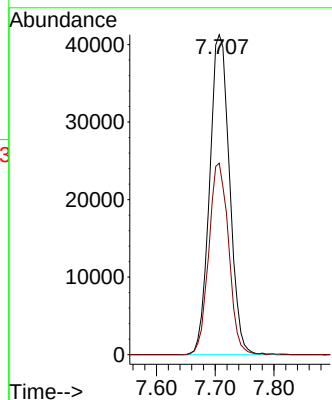


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :

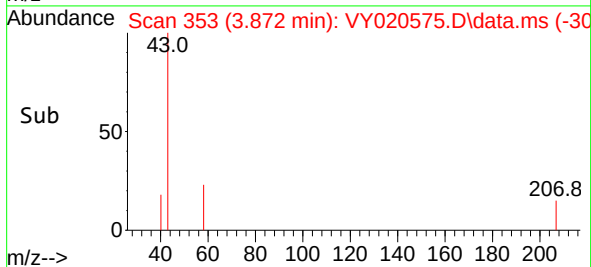
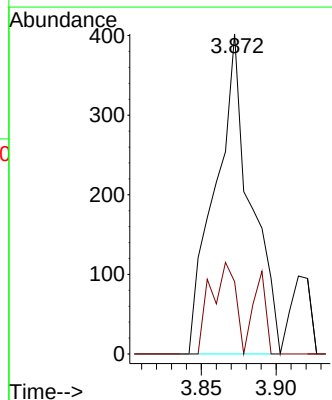
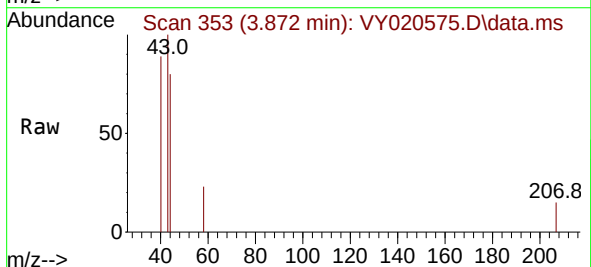


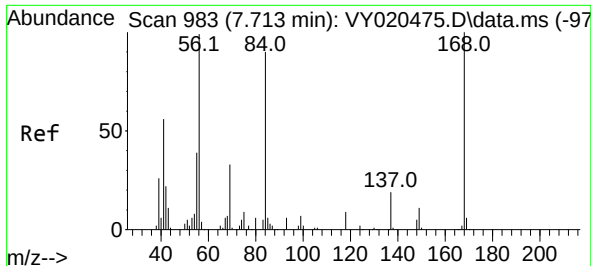
Tgt Ion:168 Resp: 97195
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#16
Acetone
Concen: 2.681 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

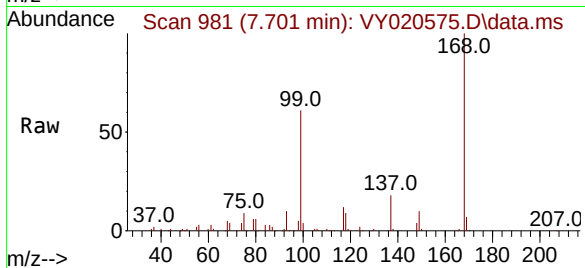
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 22.6 25.7 38.5#



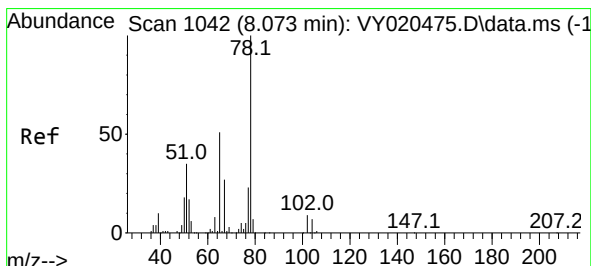
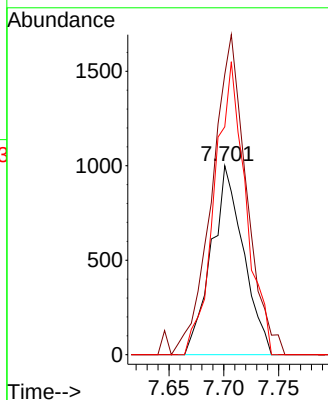
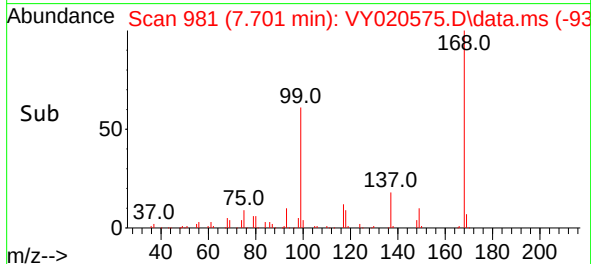


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :

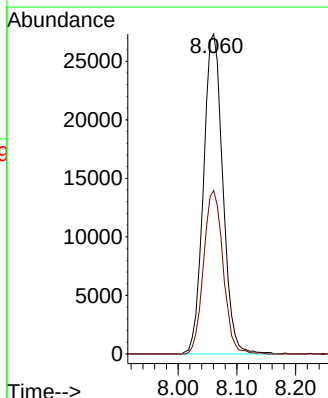
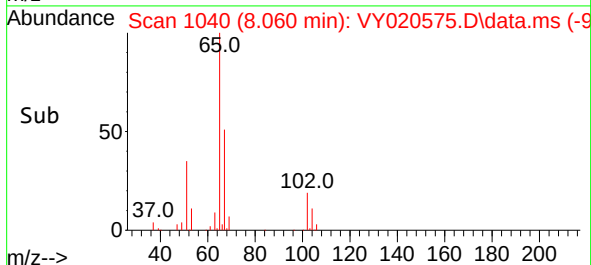
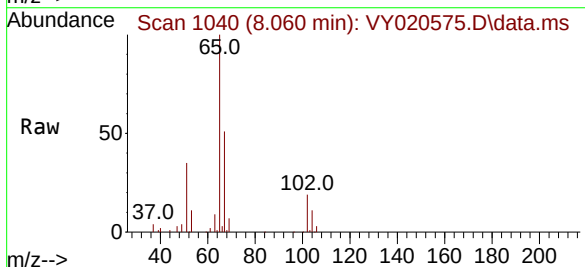


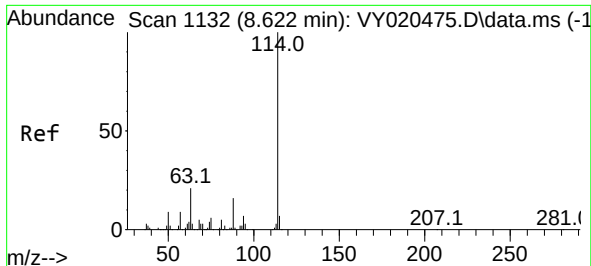
Tgt Ion: 56 Resp: 2035
Ion Ratio Lower Upper
56 100
69 142.8 25.3 37.9#
84 120.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 63.325 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Tgt Ion: 65 Resp: 62596
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

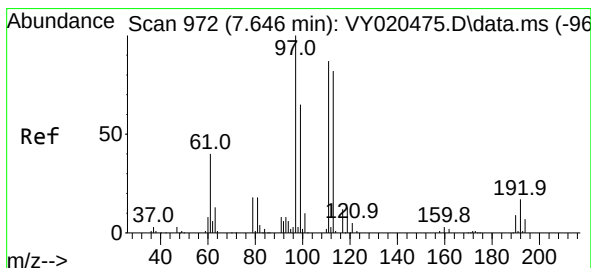
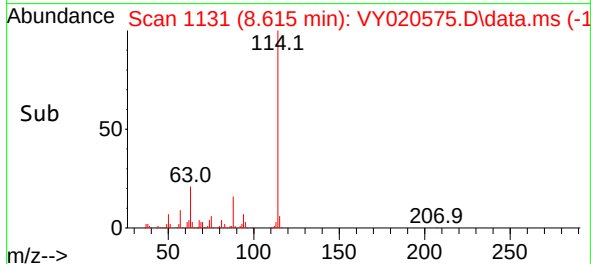
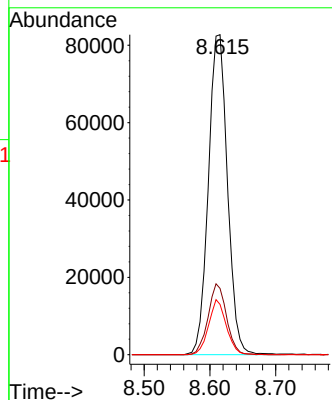
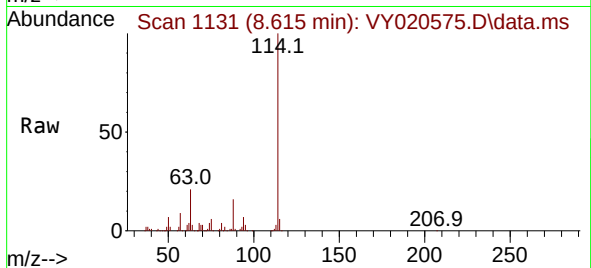




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

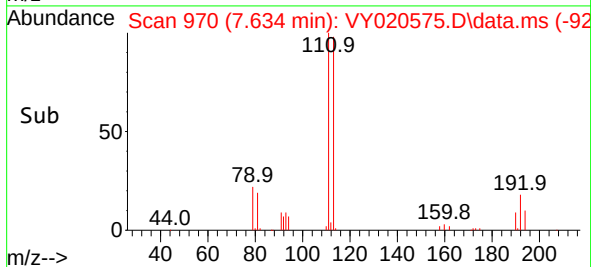
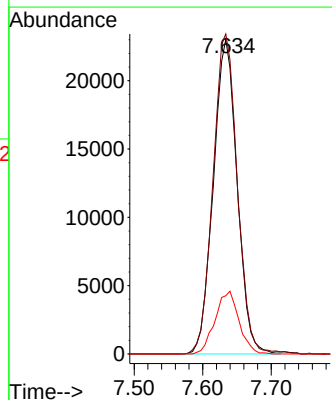
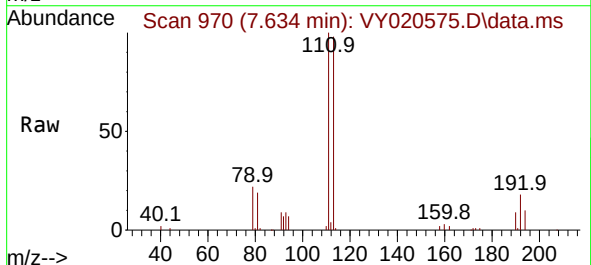
Instrument :
MSVOA_Y
ClientSampleId :

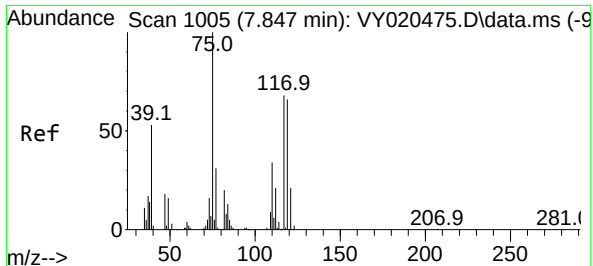
Tgt Ion:114 Resp: 167005
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.8
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.803 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Tgt Ion:113 Resp: 55516
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 20.0 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.147 min

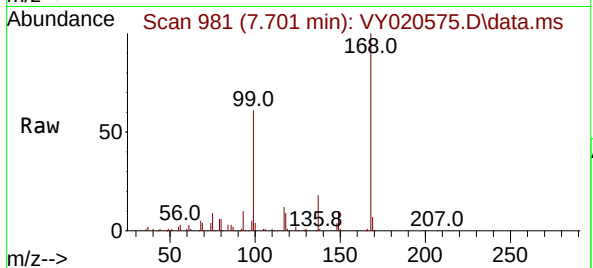
Lab File: VY020575.D

Acq: 10 Dec 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :



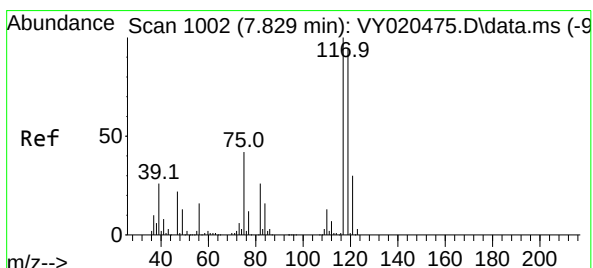
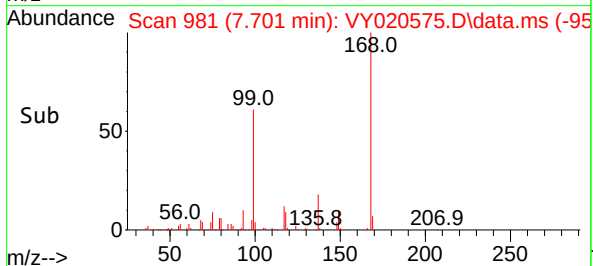
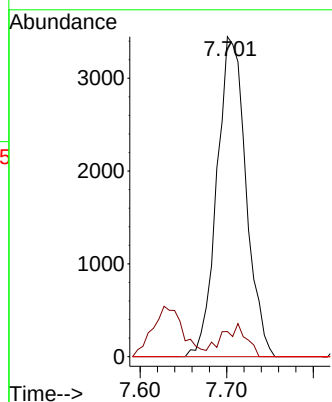
Tgt Ion: 75 Resp: 8033

Ion Ratio Lower Upper

75 100

110 3.1 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.833 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY020575.D

Acq: 10 Dec 2024 17:43

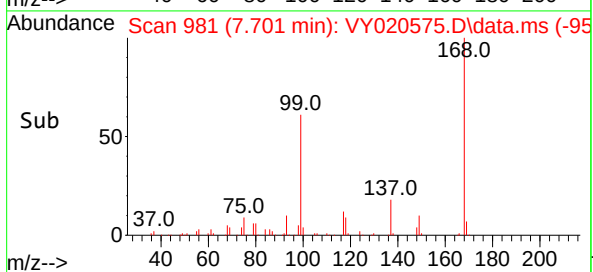
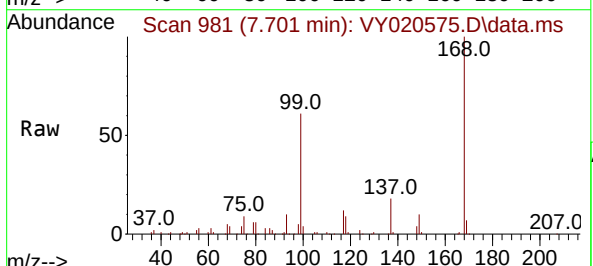
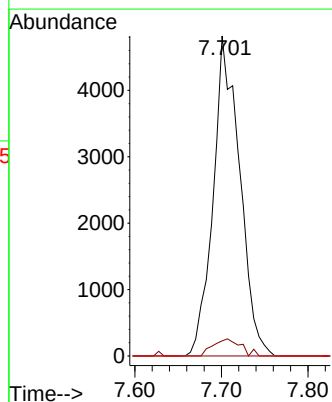
Tgt Ion: 117 Resp: 10242

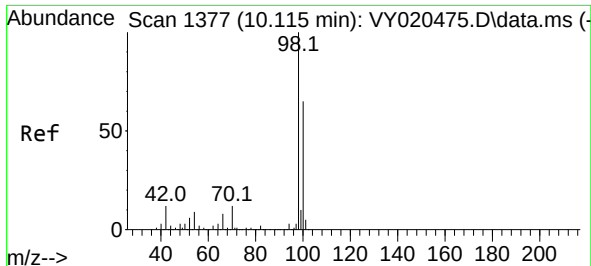
Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.6#

121 0.0 24.6 37.0#

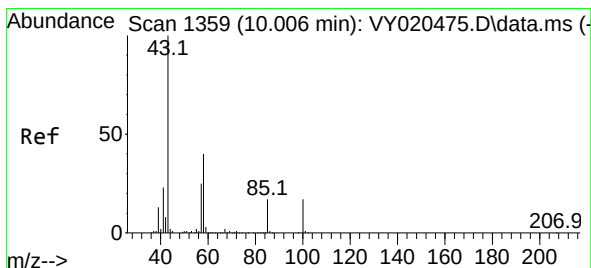
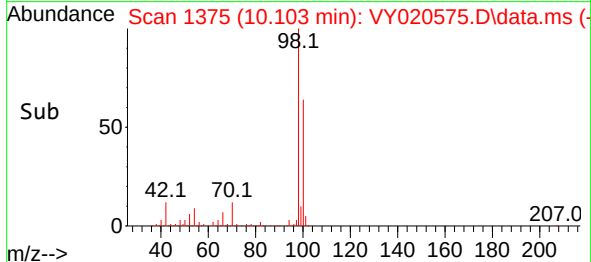
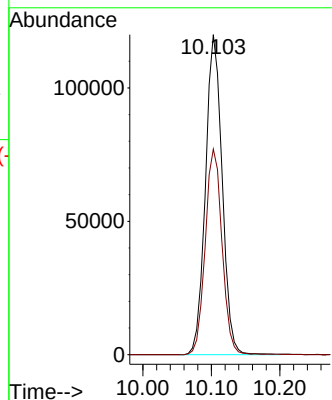
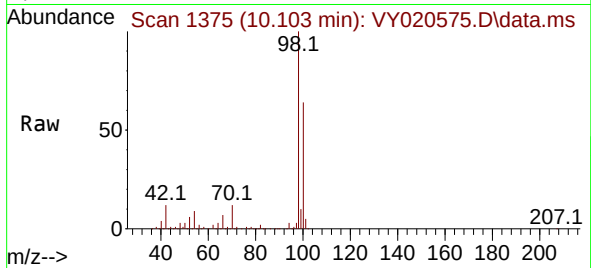




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

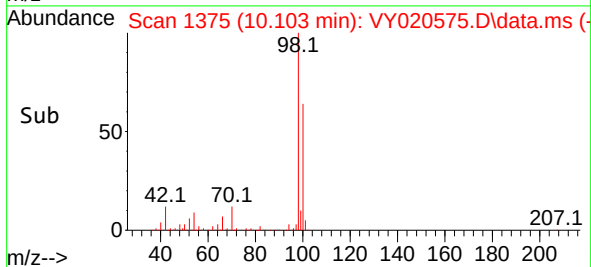
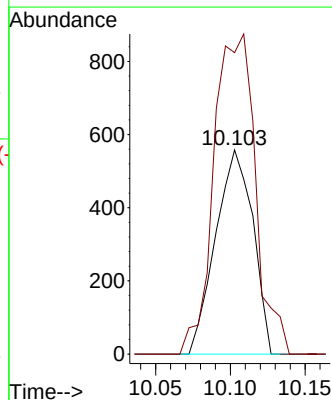
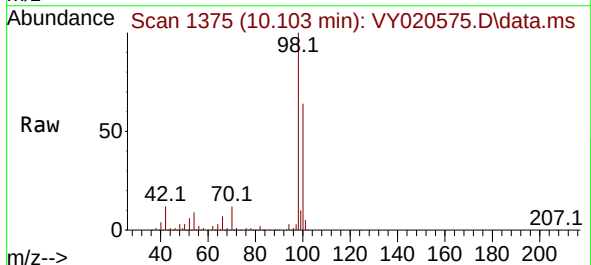
Instrument :
MSVOA_Y
ClientSampleId :

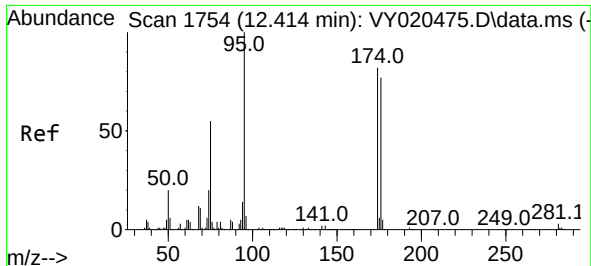
Tgt Ion: 98 Resp: 203365
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.381 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.097 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 174.1 30.9 46.3#

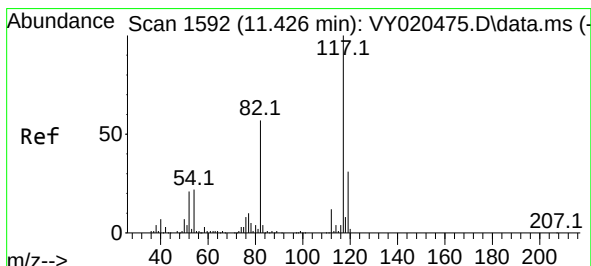
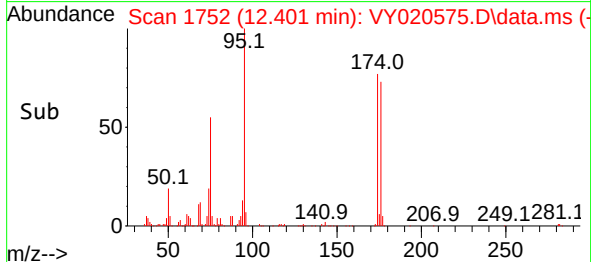
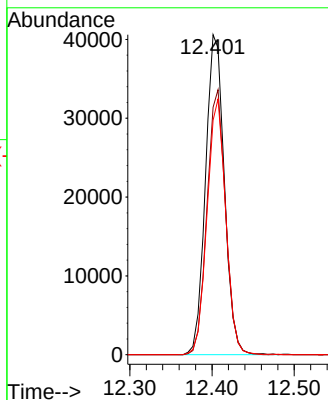
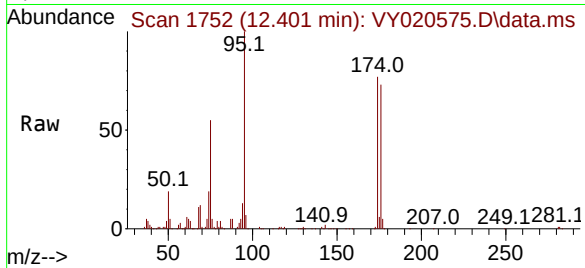




#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

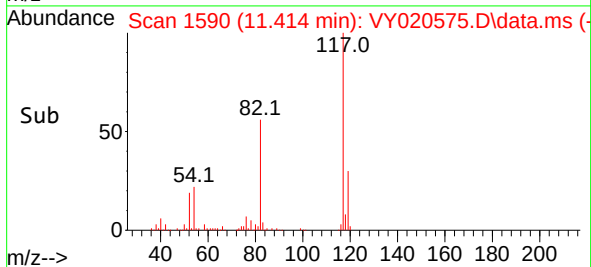
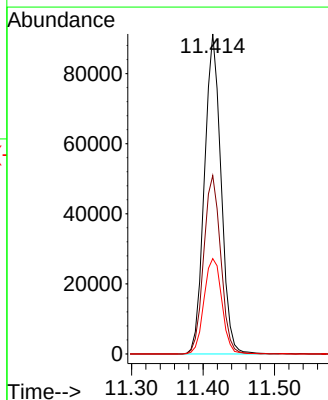
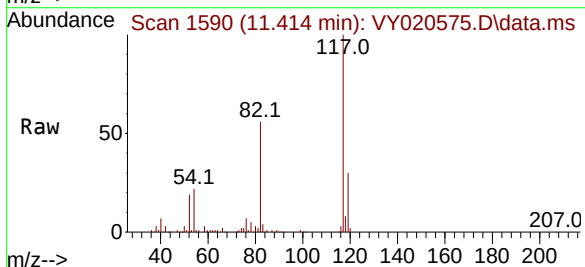
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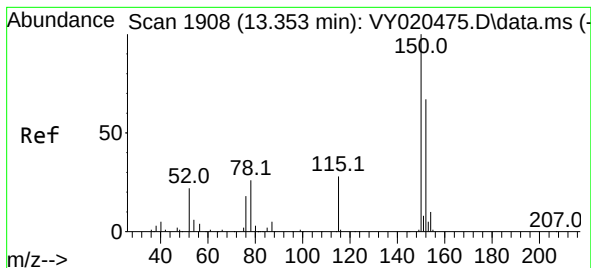
Tgt Ion: 95 Resp: 64510
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 79.1 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

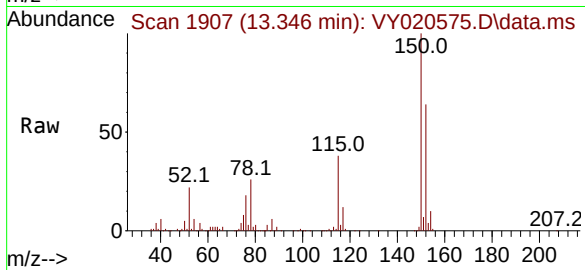
Tgt Ion: 117 Resp: 147227
Ion Ratio Lower Upper
117 100
82 55.8 48.2 72.4
119 29.8 25.8 38.8



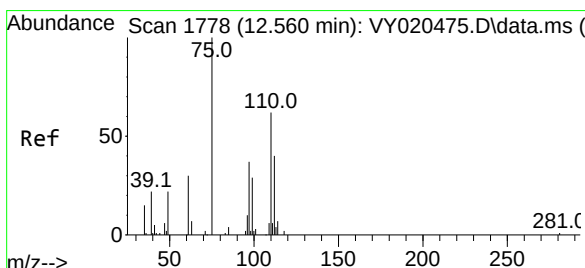
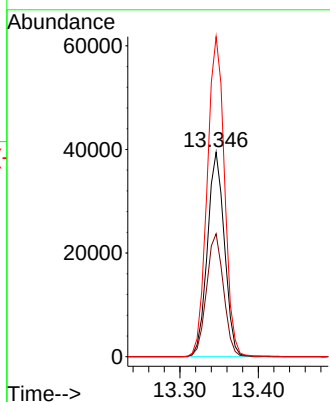
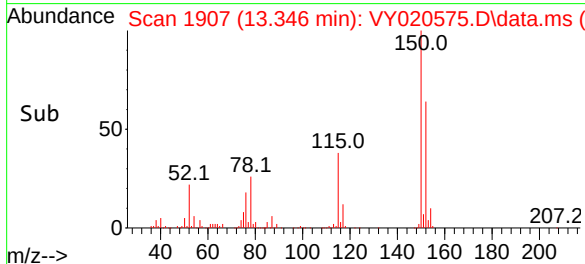


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY020575.D
 Acq: 10 Dec 2024 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :

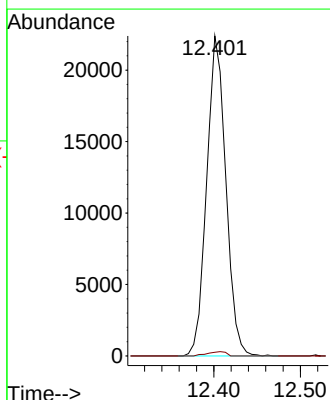
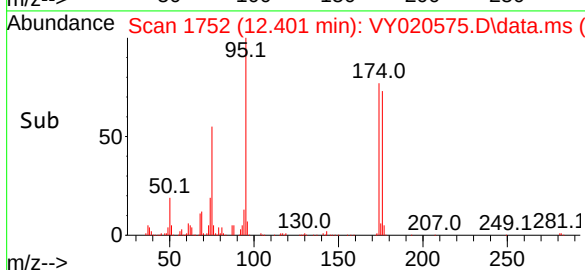
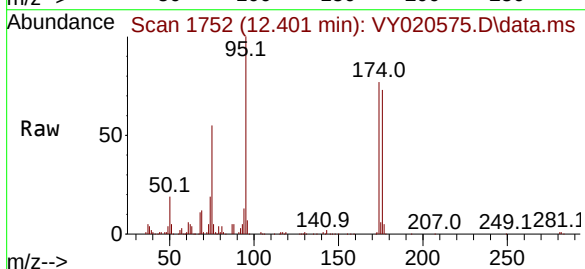


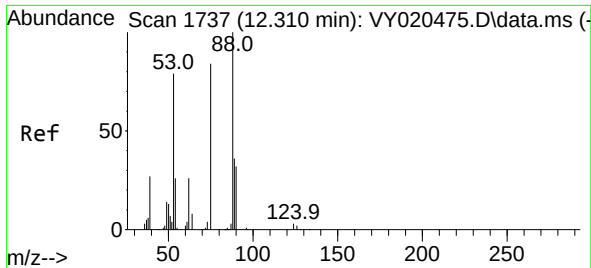
Tgt Ion:152 Resp: 59459
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.0 90.0
 150 159.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 56.822 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.159 min
 Lab File: VY020575.D
 Acq: 10 Dec 2024 17:43

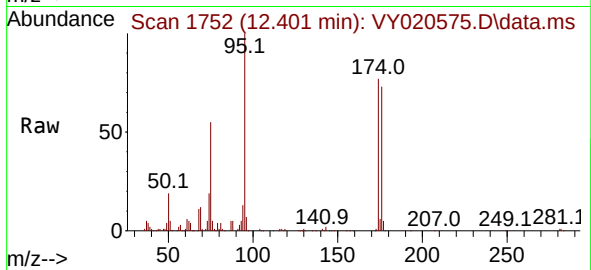
Tgt Ion: 75 Resp: 34417
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.590 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY020575.D
 Acq: 10 Dec 2024 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	34417
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.1	35.1	52.7#

