

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019408.D
 Acq On : 30 Aug 2024 20:07
 Operator : SY/MD
 Sample : P3772-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

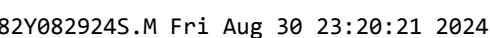
Quant Time: Aug 30 23:20:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

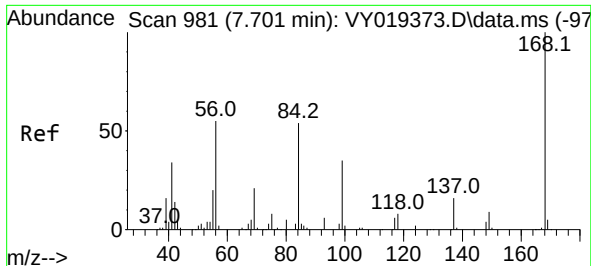
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	110911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	196021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	112281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	66051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56449	53.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.460%	
35) Dibromofluoromethane	7.634	113	60680	48.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.920%	
50) Toluene-d8	10.109	98	218574	47.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.407	95	64373	43.626	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	66	Below Cal	#	3
16) Acetone	3.848	43	370	1.791	ug/l #	36
20) Methylene Chloride	4.604	84	4096	Below Cal		94
31) Cyclohexane	7.707	56	2222	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	8252	4.712	ug/l #	49
38) Carbon Tetrachloride	7.707	117	10811	5.065	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	929	1.311	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	35228	60.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	35228	150.255	ug/l #	16

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

Quant Time: Aug 30 23:20:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

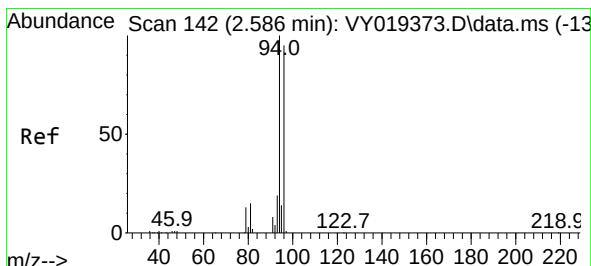
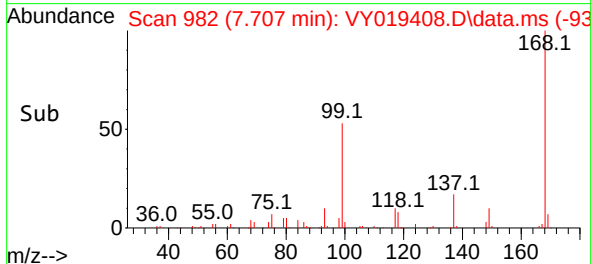
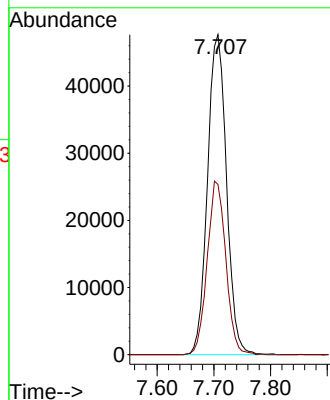
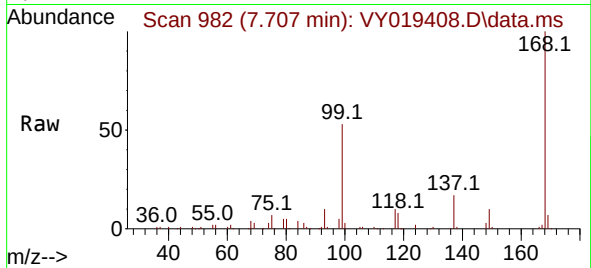




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

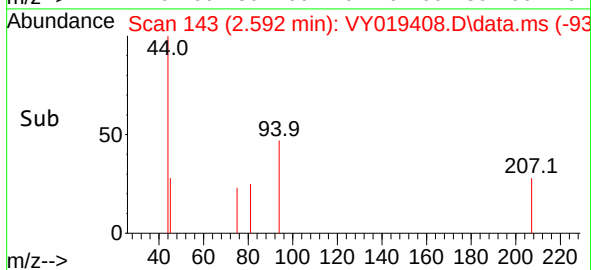
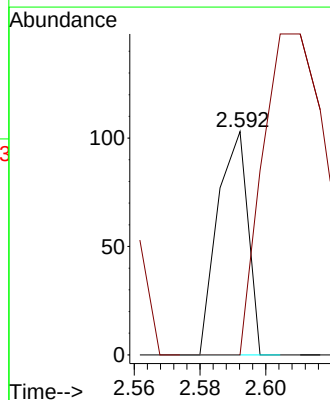
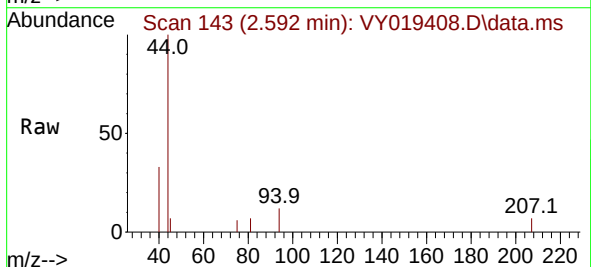
Instrument :
MSVOA_Y
ClientSampleId :

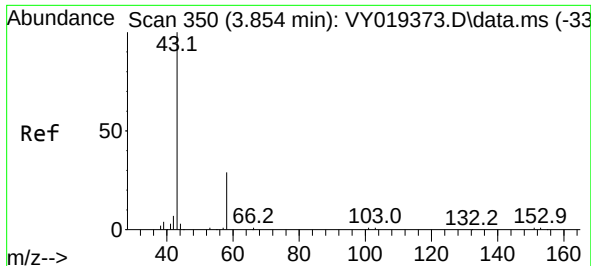
Tgt Ion:168 Resp: 110911
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#16

Acetone

Concen: 1.791 ug/l

RT: 3.848 min Scan# 349

Delta R.T. -0.006 min

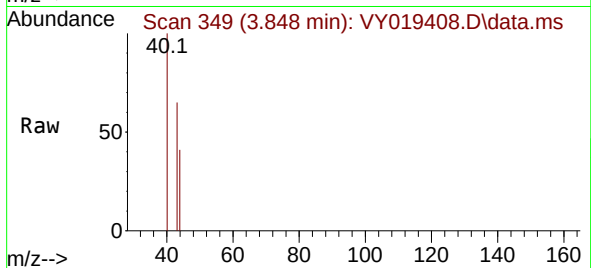
Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

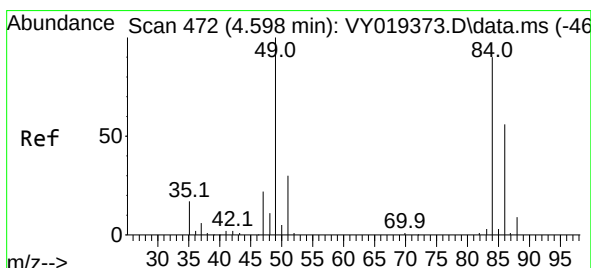
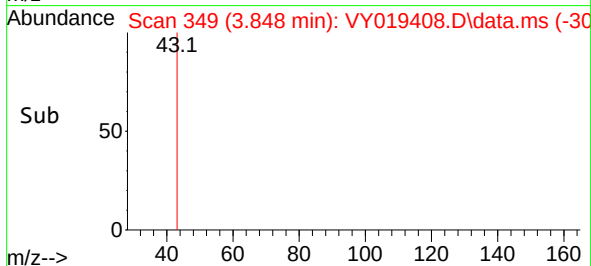
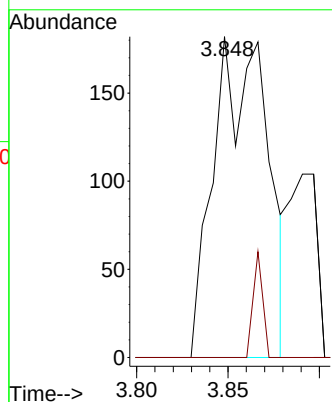
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	370
Ion Ratio	100	Lower	Upper
58	0.0	31.7	47.5#



#20

Methylene Chloride

Concen: Below Cal

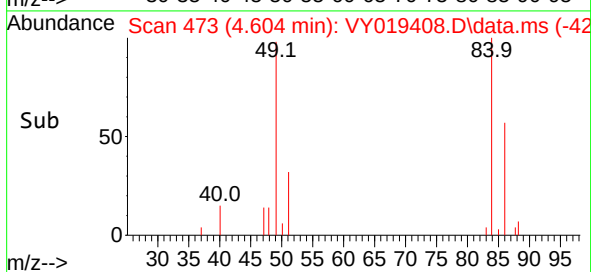
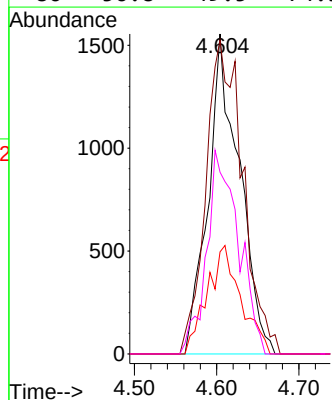
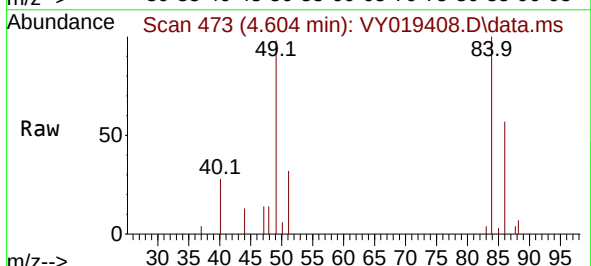
RT: 4.604 min Scan# 473

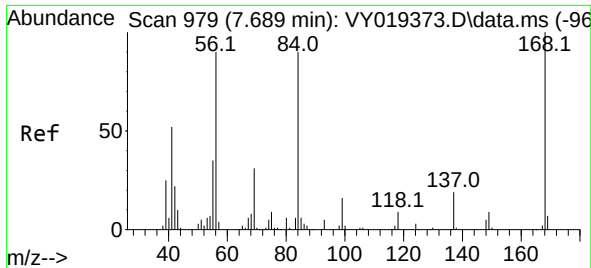
Delta R.T. 0.006 min

Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

Tgt Ion:	84	Resp:	4096
Ion Ratio	100	Lower	Upper
49	98.1	84.4	126.6
51	31.9	26.0	39.0
86	56.8	49.5	74.3

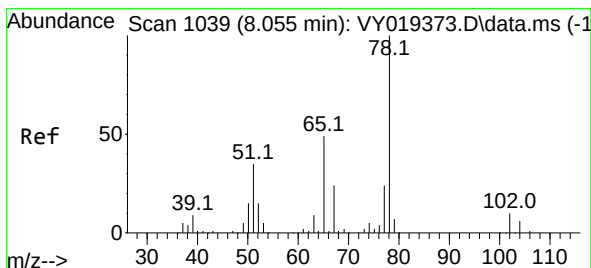
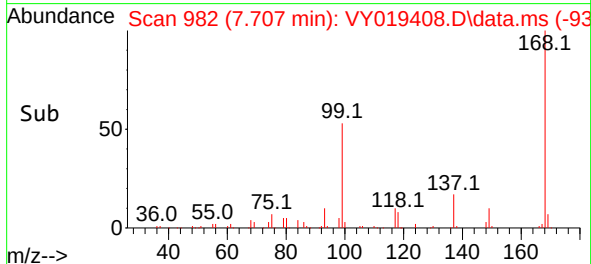
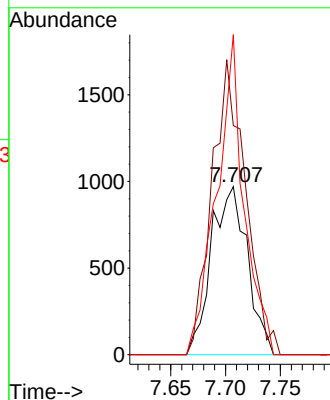
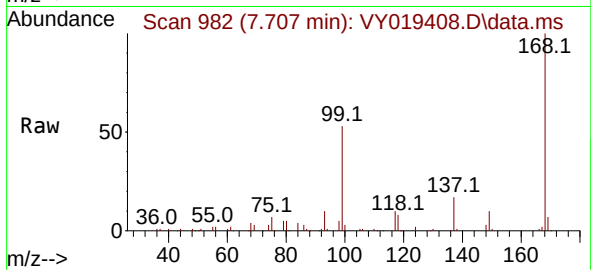




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

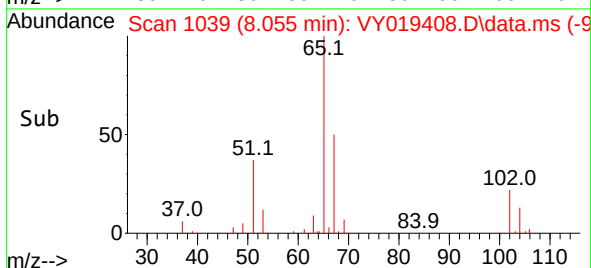
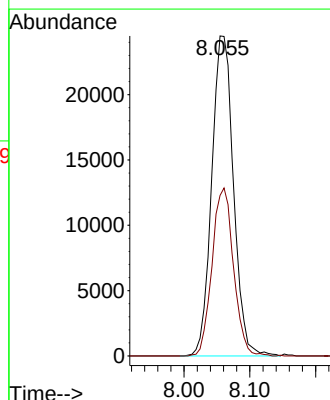
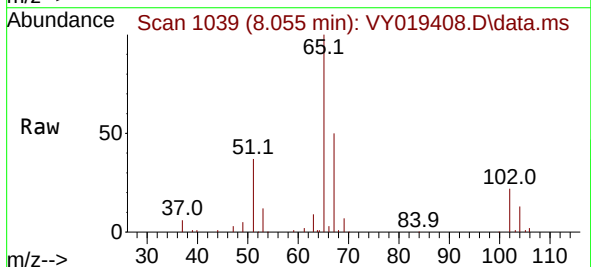
Instrument :
MSVOA_Y
ClientSampleId :

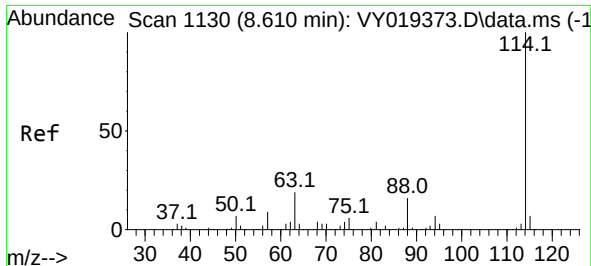
Tgt Ion: 56 Resp: 2222
Ion Ratio Lower Upper
56 100
69 136.4 28.7 43.1#
84 190.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.734 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

Tgt Ion: 65 Resp: 56449
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

Instrument :

MSVOA_Y

ClientSampleId :

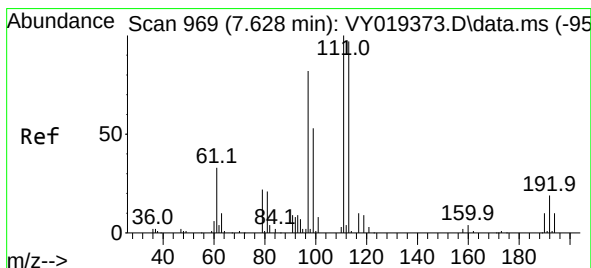
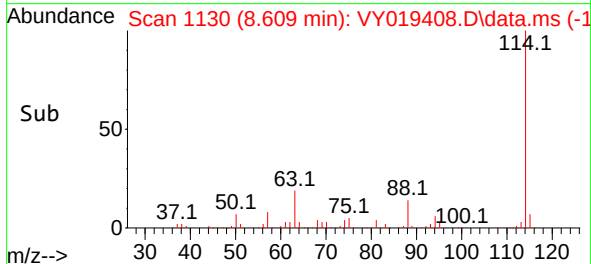
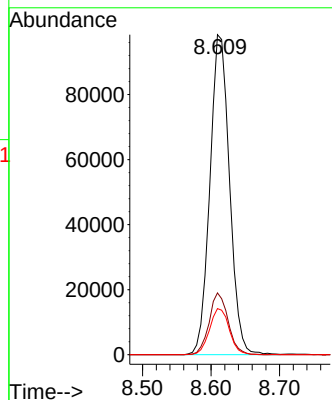
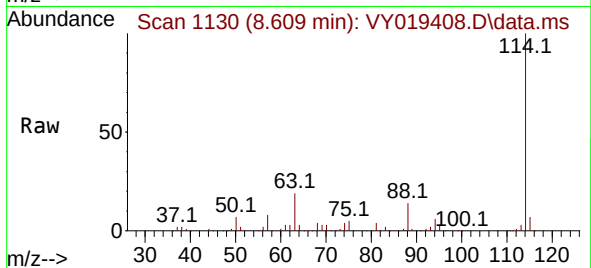
Tgt Ion:114 Resp: 196021

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

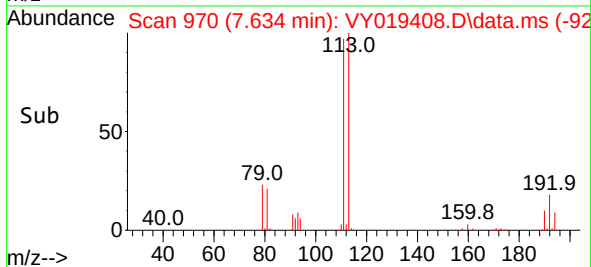
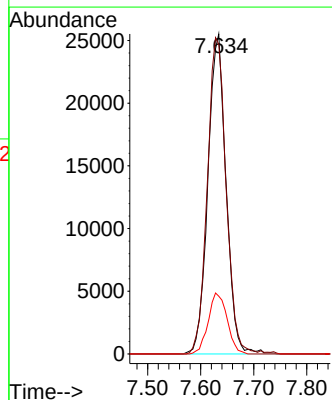
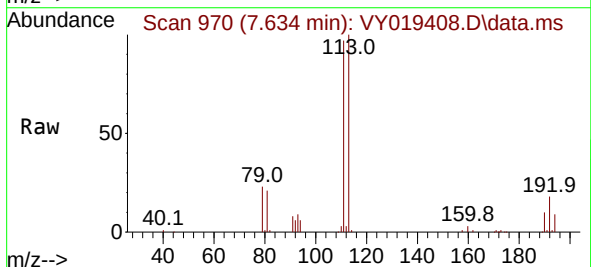
Tgt Ion:113 Resp: 60680

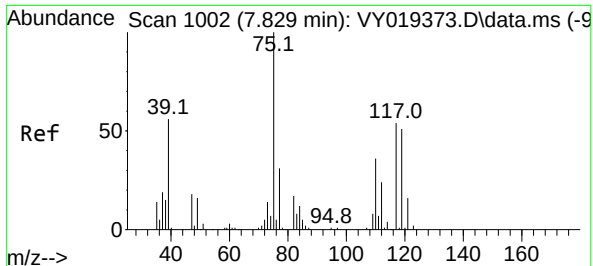
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019408.D

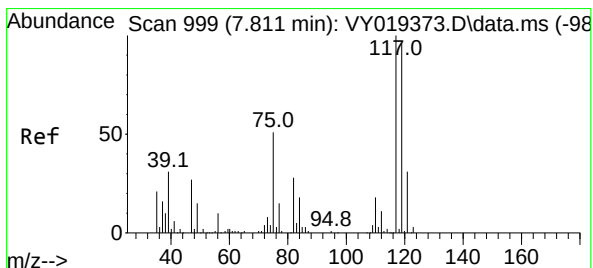
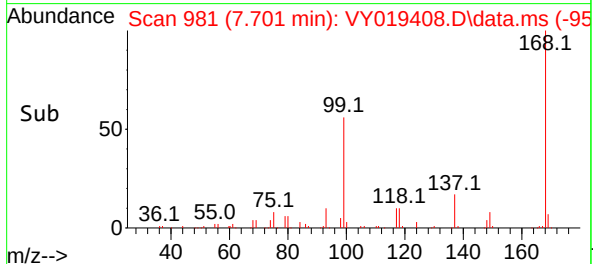
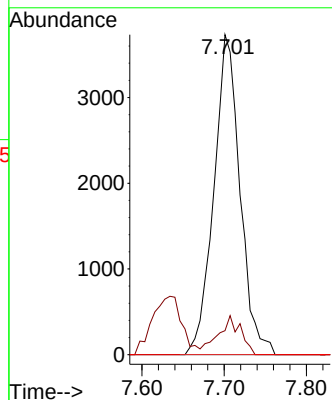
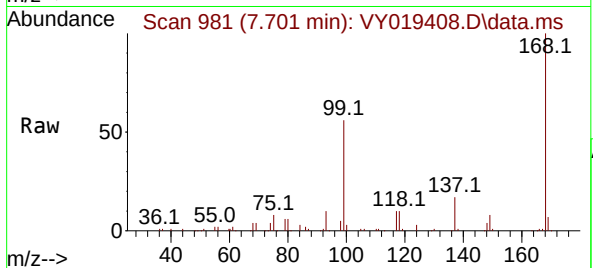
Acq: 30 Aug 2024 20:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 8252
Ion Ratio	Lower Upper
75 100	
110 10.5	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.065 ug/l

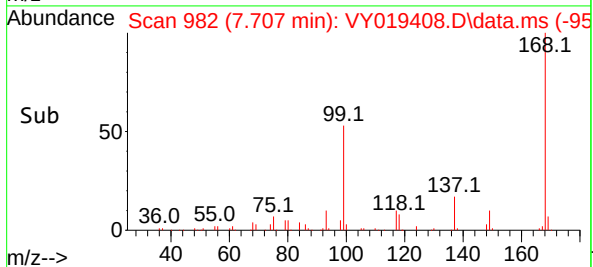
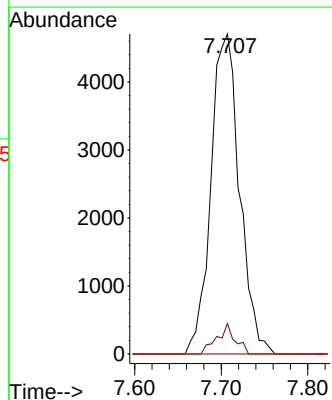
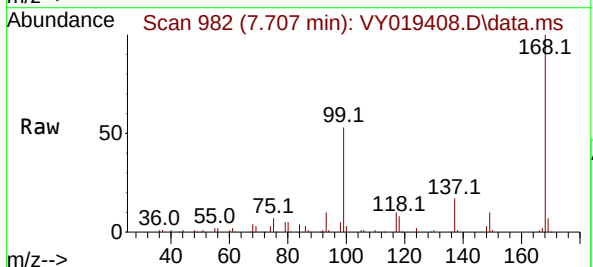
RT: 7.707 min Scan# 982

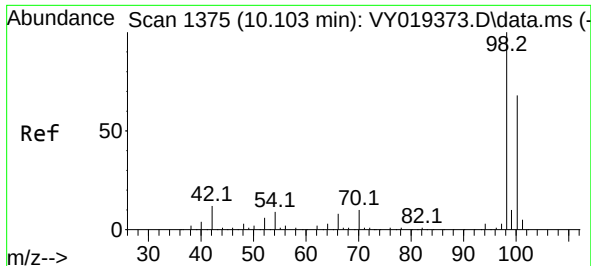
Delta R.T. -0.104 min

Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

Tgt Ion: 117	Resp: 10811
Ion Ratio	Lower Upper
117 100	
119 9.5	75.8 113.6#
121 0.0	24.0 36.0#

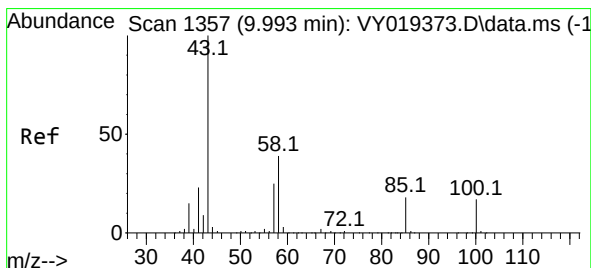
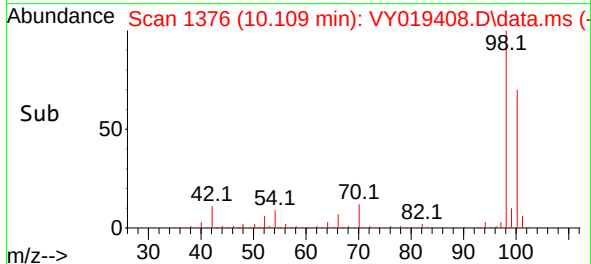
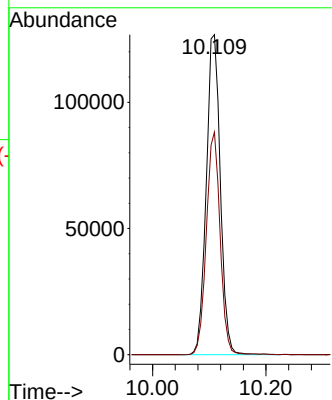
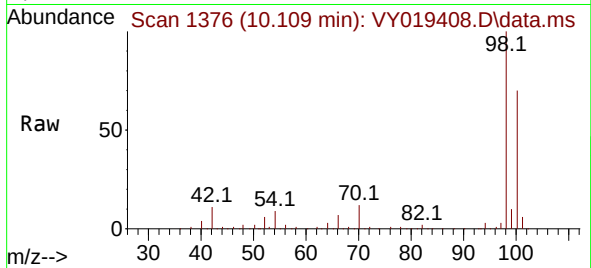




#50
Toluene-d8
Concen: 47.910 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

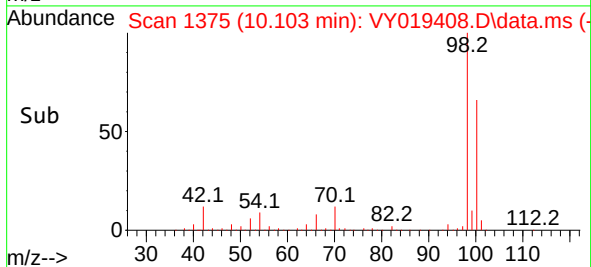
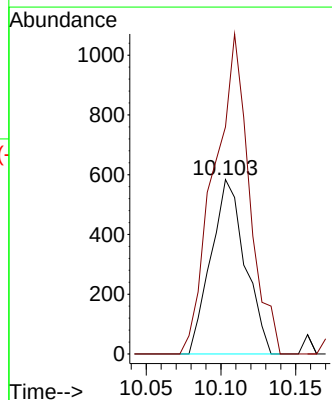
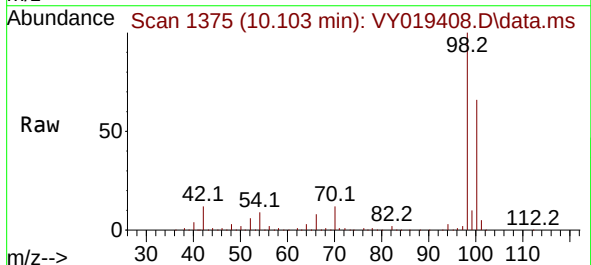
Instrument :
MSVOA_Y
ClientSampleId :

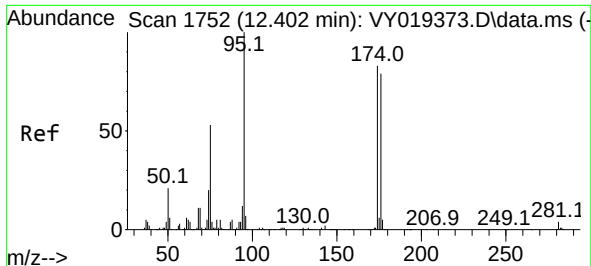
Tgt Ion: 98 Resp: 218574
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.311 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 189.5 35.7 53.5#

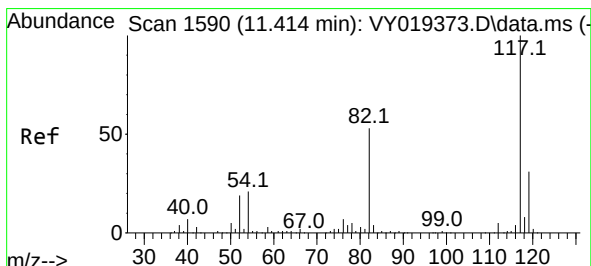
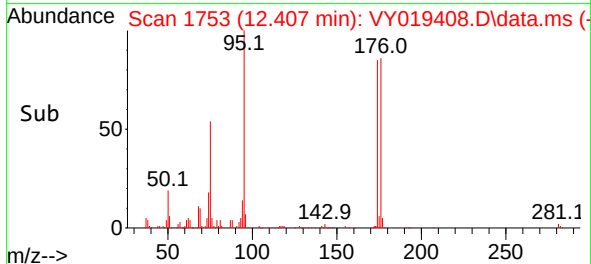
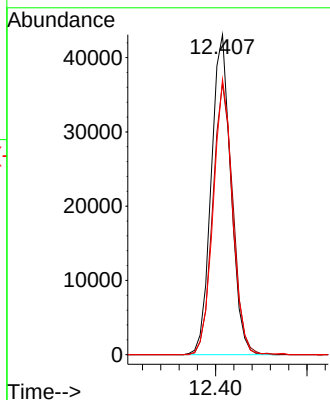
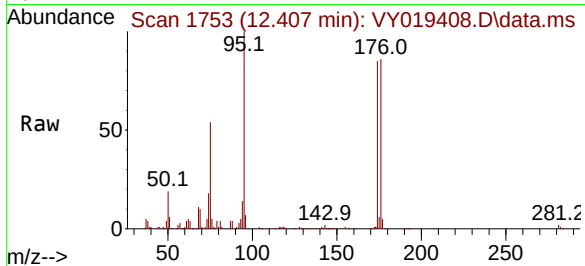




#62
4-Bromofluorobenzene
Concen: 43.626 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

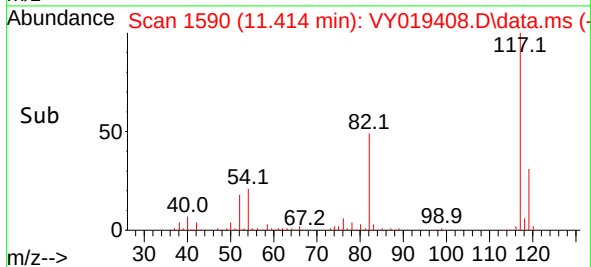
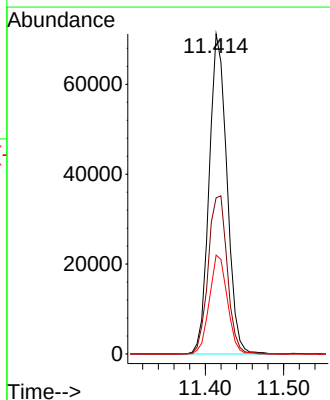
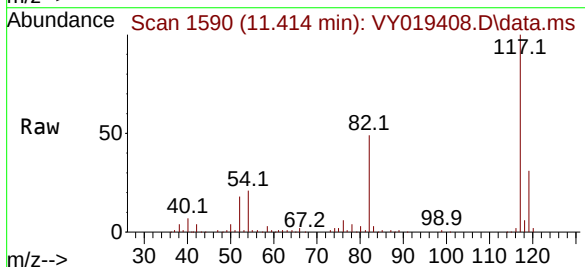
Instrument :
MSVOA_Y
ClientSampleId :

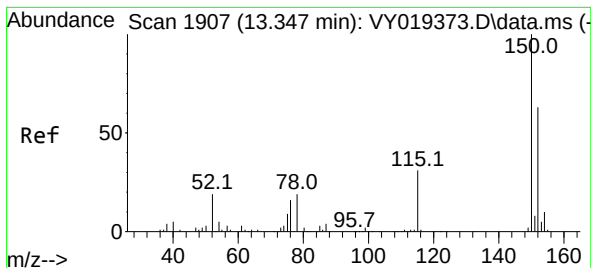
Tgt Ion: 95 Resp: 64373
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 84.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019408.D
Acq: 30 Aug 2024 20:07

Tgt Ion: 117 Resp: 112281
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 30.9 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

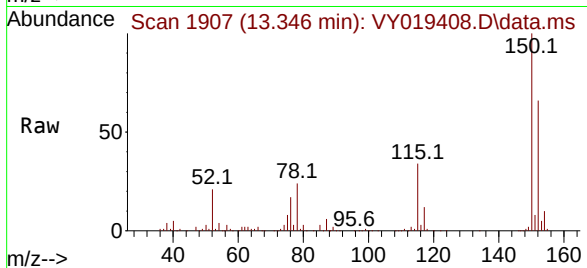
Lab File: VY019408.D

Acq: 30 Aug 2024 20:07

Instrument :

MSVOA_Y

ClientSampleId :



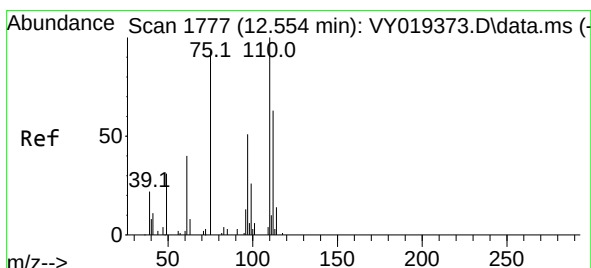
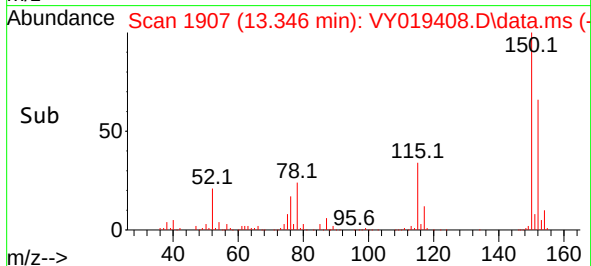
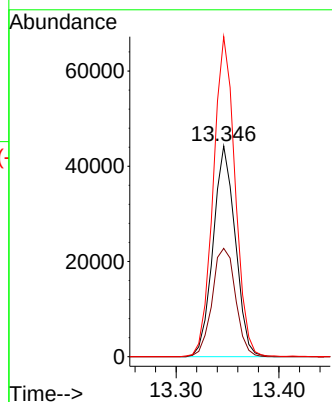
Tgt Ion:152 Resp: 66051

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 149.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.732 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019408.D

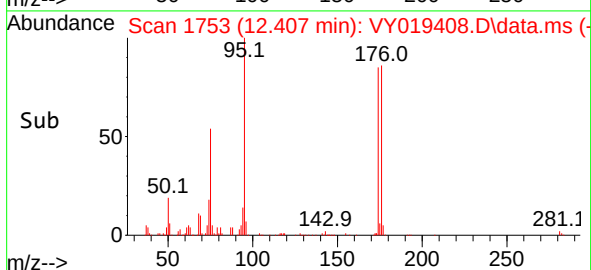
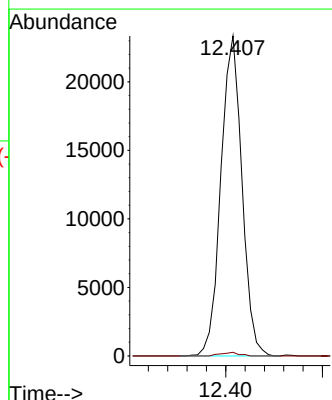
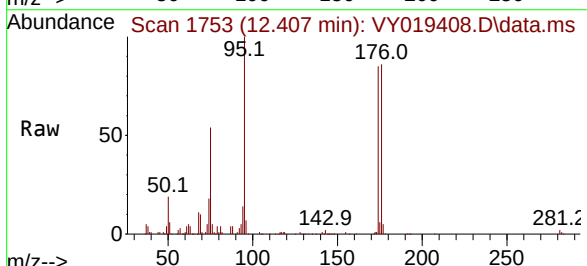
Acq: 30 Aug 2024 20:07

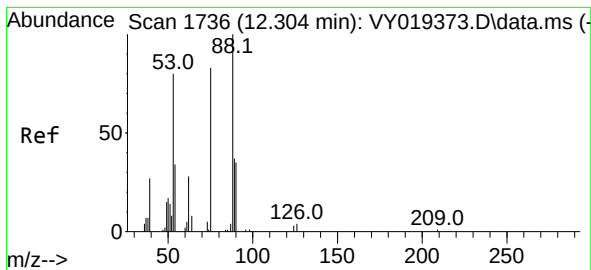
Tgt Ion: 75 Resp: 35228

Ion Ratio Lower Upper

75 100

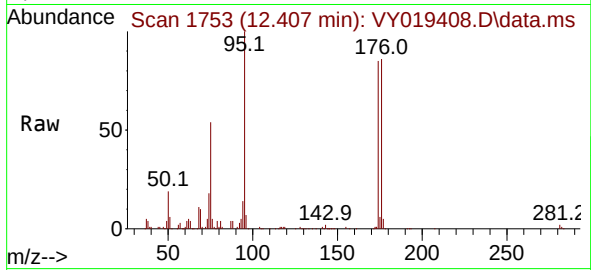
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.255 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY019408.D
 Acq: 30 Aug 2024 20:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

