

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019406.D
 Acq On : 30 Aug 2024 19:20
 Operator : SY/MD
 Sample : P3773-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:19:28 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)

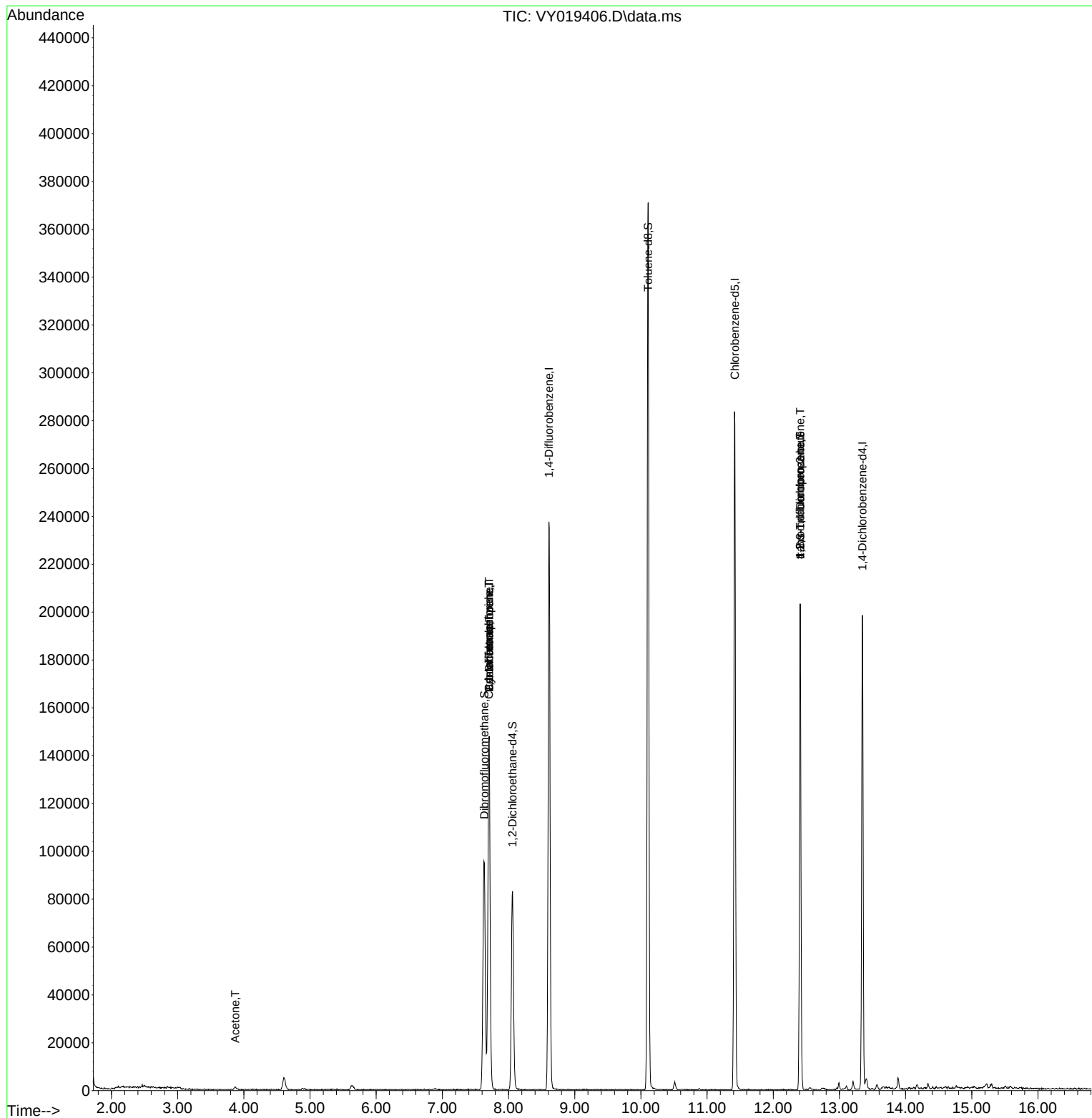
Internal Standards						
1) Pentafluorobenzene	7.707	168	115654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	212202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	156195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67607	61.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.440%	
35) Dibromofluoromethane	7.634	113	68813	51.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.109	98	241934	48.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.408	95	57306	35.875	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	131	Below Cal	#	38
16) Acetone	3.873	43	1742	8.085	ug/l	99
20) Methylene Chloride	4.610	84	3918	Below Cal	#	94
31) Cyclohexane	7.707	56	2422	1.300	ug/l	# 48
36) 1,1-Dichloropropene	7.707	75	8610	4.541	ug/l	# 50
38) Carbon Tetrachloride	7.701	117	11709	5.067	ug/l	# 19
76) 1,2,3-Trichloropropane	12.408	75	30829	75.706	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	30829	187.302	ug/l	# 16

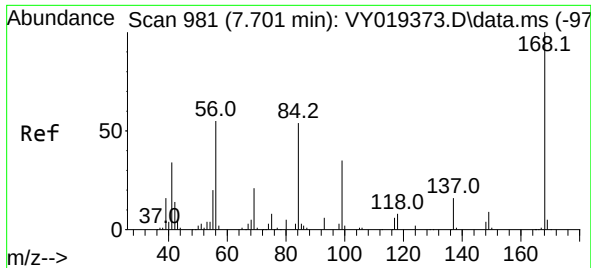
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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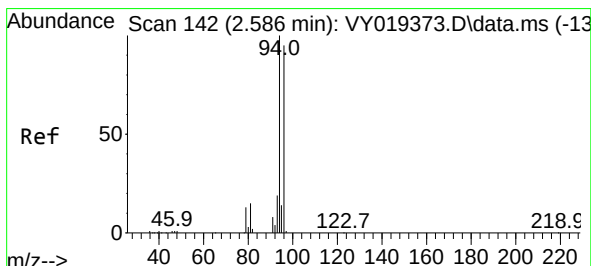
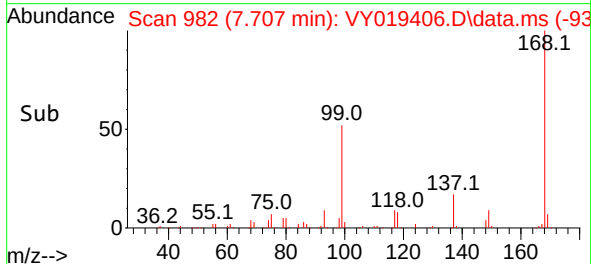
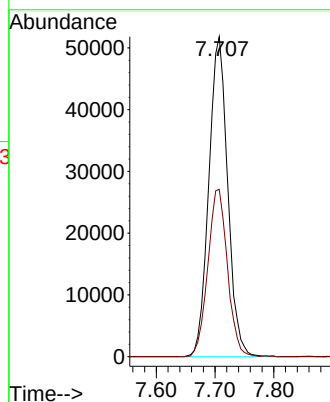
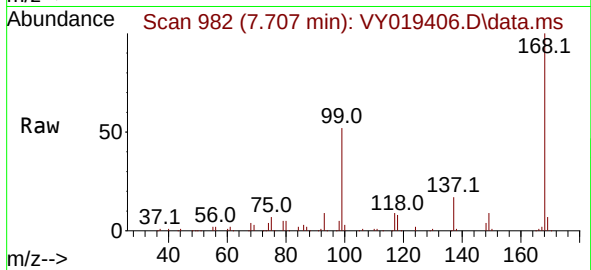




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

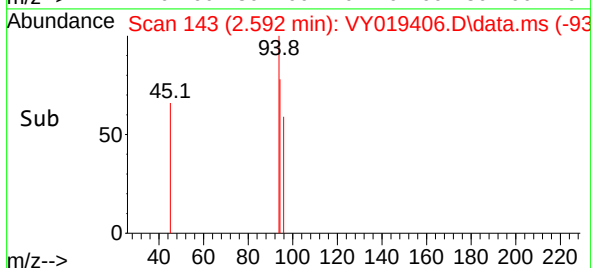
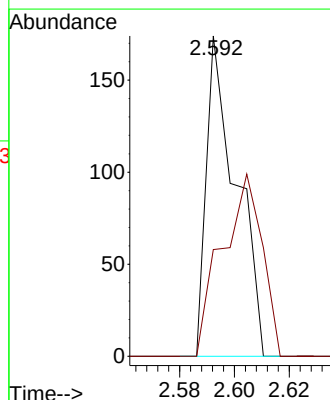
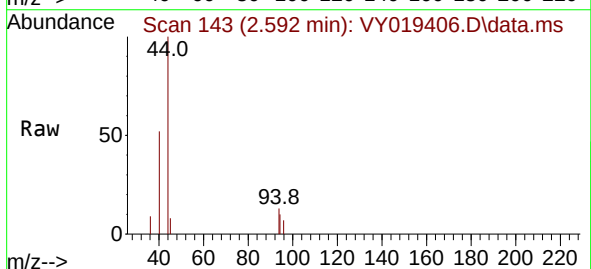
Instrument :
MSVOA_Y
ClientSampleId :

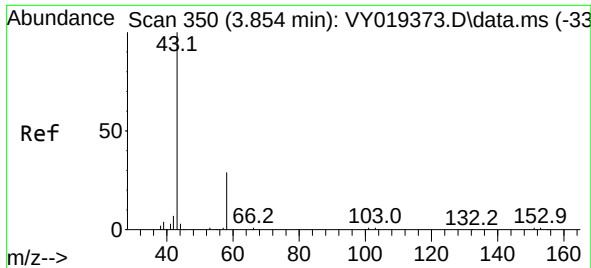
Tgt Ion:168 Resp: 115654
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 33.3 74.1 111.1#





#16

Acetone

Concen: 8.085 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

Instrument :

MSVOA_Y

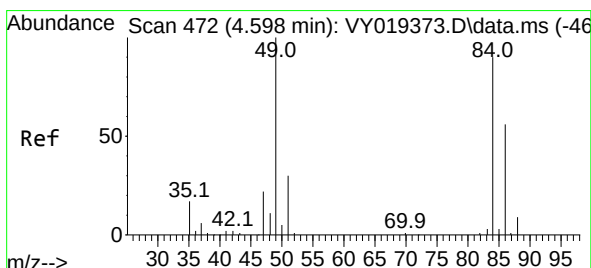
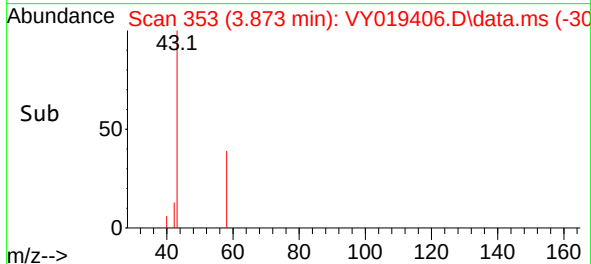
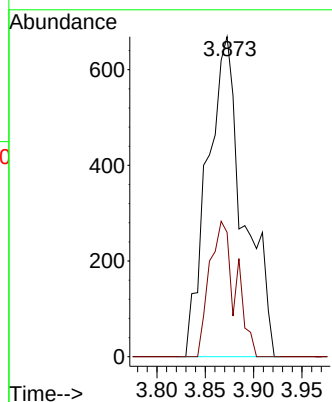
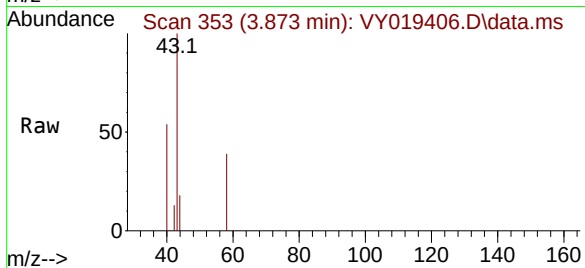
ClientSampleId :

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

43 100

58 38.9 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

Tgt Ion: 84 Resp: 3918

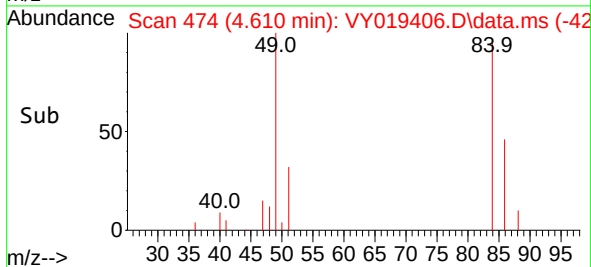
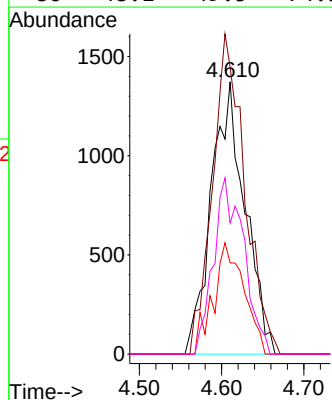
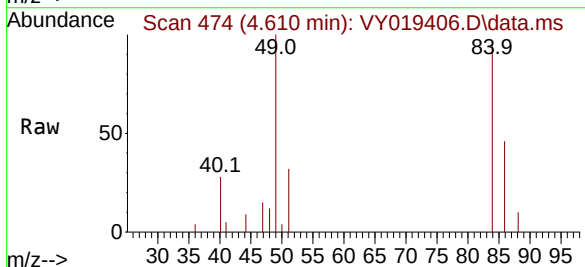
Ion Ratio Lower Upper

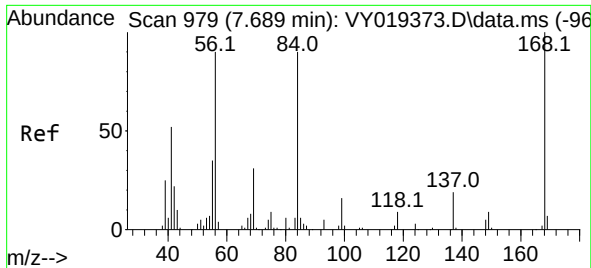
84 100

49 105.3 84.4 126.6

51 33.5 26.0 39.0

86 48.1 49.5 74.3#

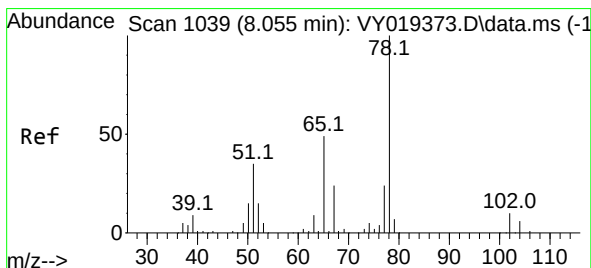
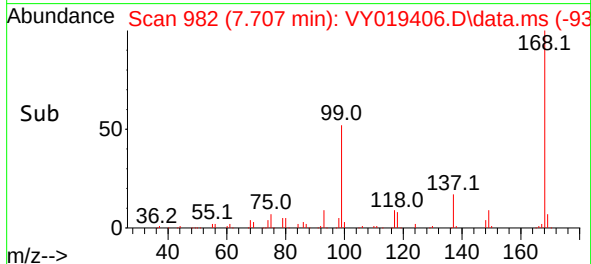
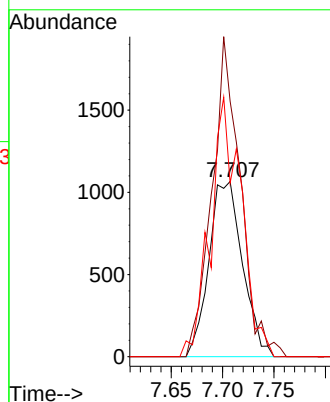
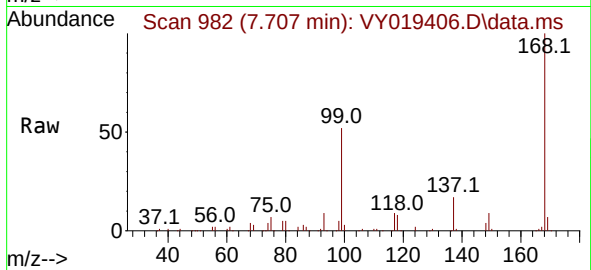




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

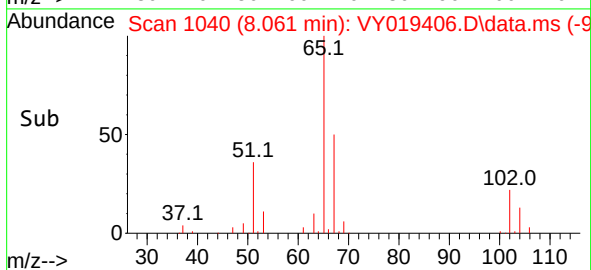
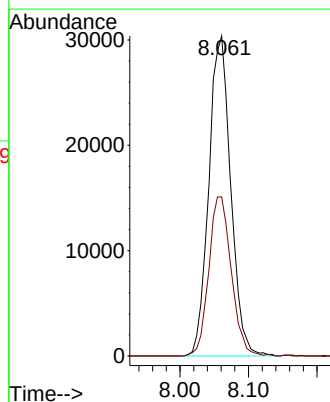
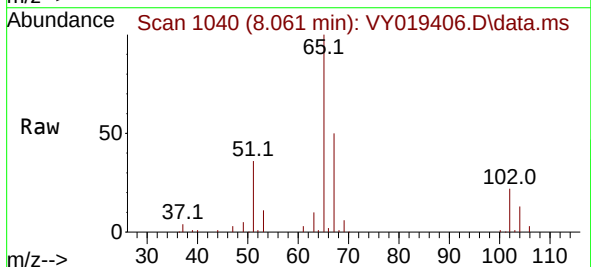
Instrument :
MSVOA_Y
ClientSampleId :

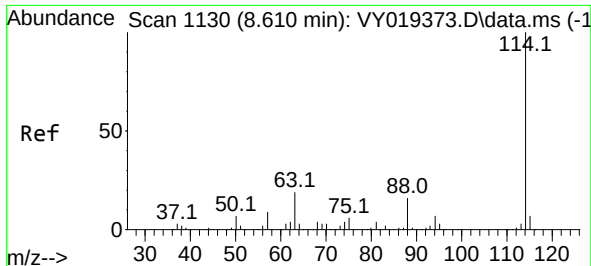
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 145.9 28.7 43.1#
84 99.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 61.716 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

Tgt Ion: 65 Resp: 67607
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

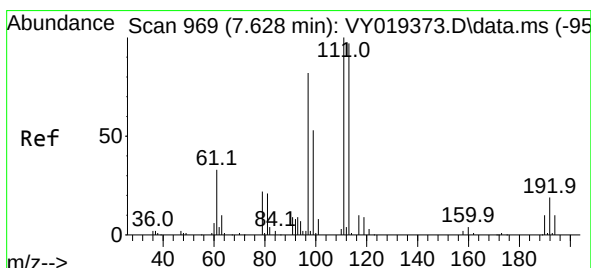
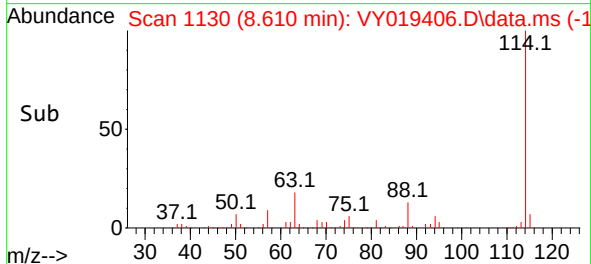
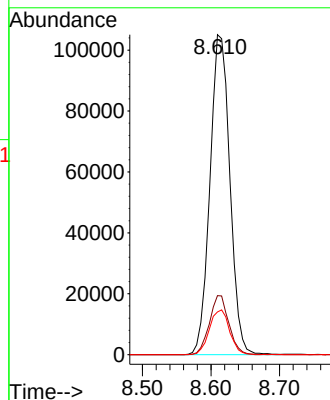
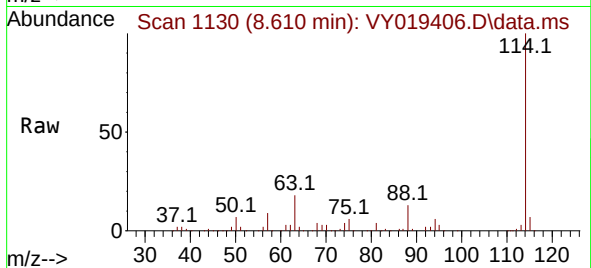
Tgt Ion:114 Resp: 212202

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

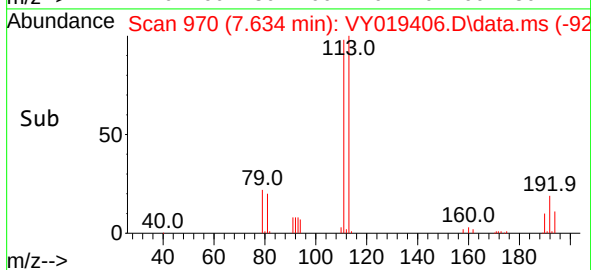
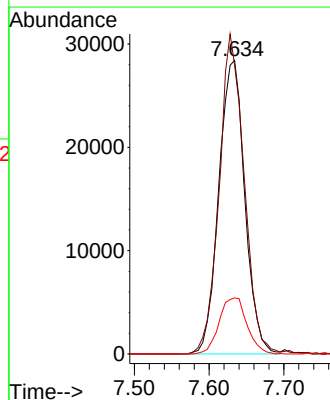
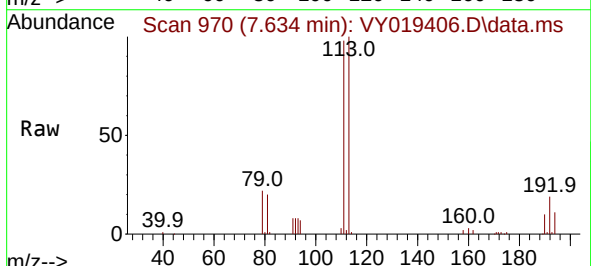
Tgt Ion:113 Resp: 68813

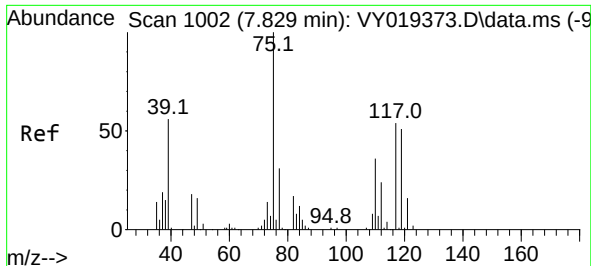
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 20.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.541 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

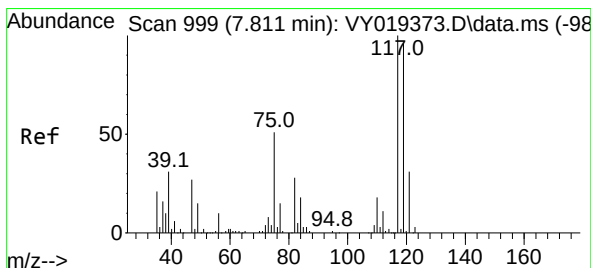
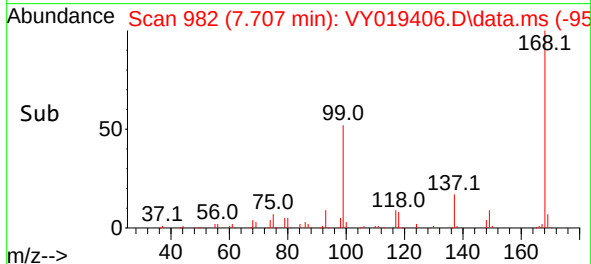
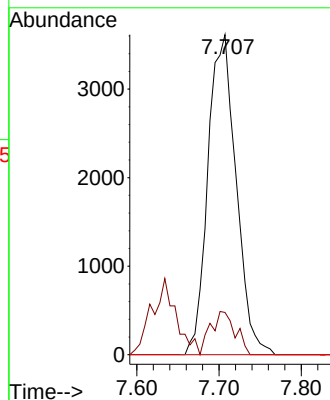
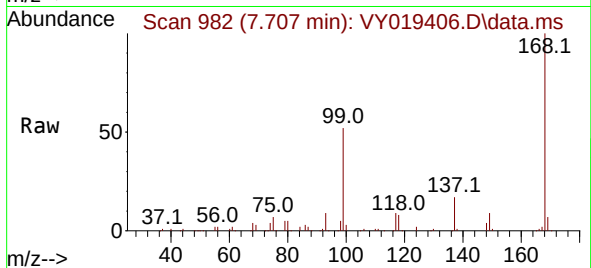
Tgt Ion: 75 Resp: 8610

Ion Ratio Lower Upper

75 100

110 11.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.067 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

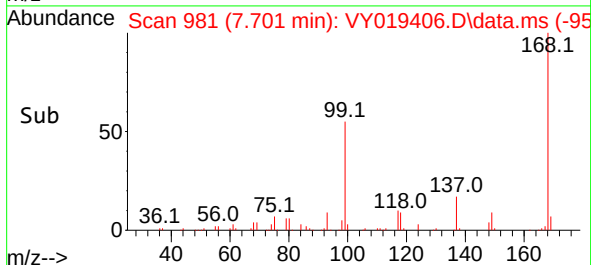
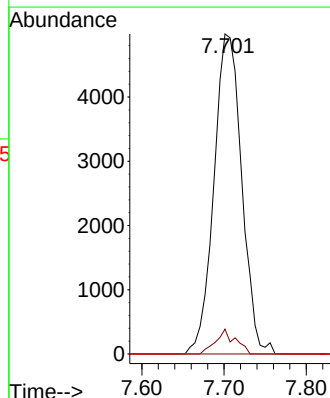
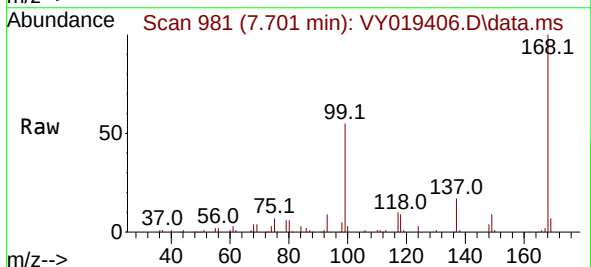
Tgt Ion: 117 Resp: 11709

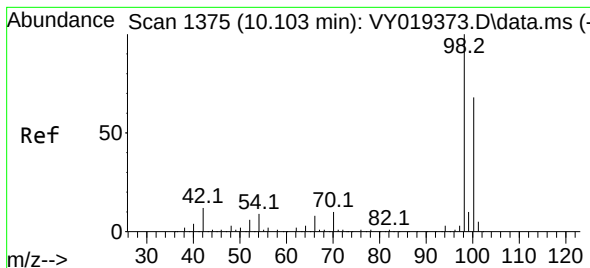
Ion Ratio Lower Upper

117 100

119 7.8 75.8 113.6#

121 0.0 24.0 36.0#

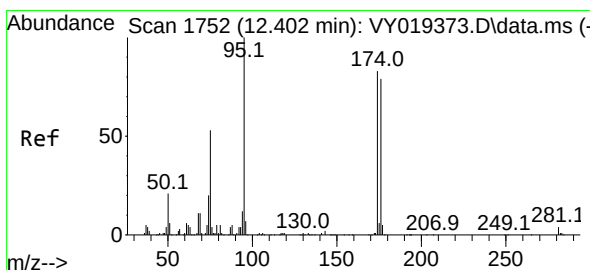
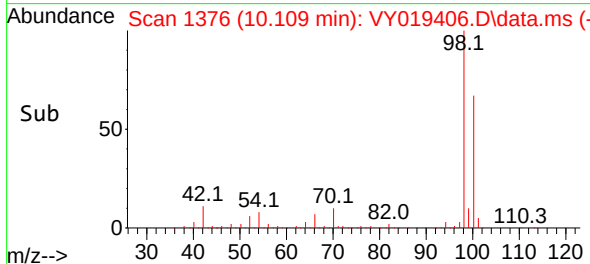
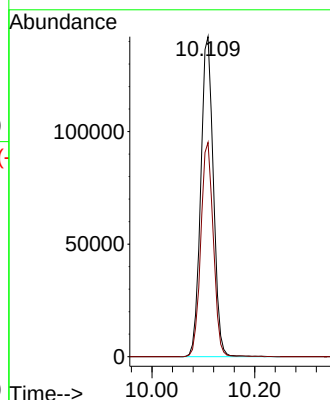
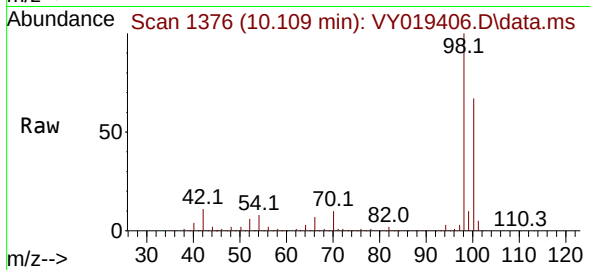




#50
Toluene-d8
Concen: 48.987 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

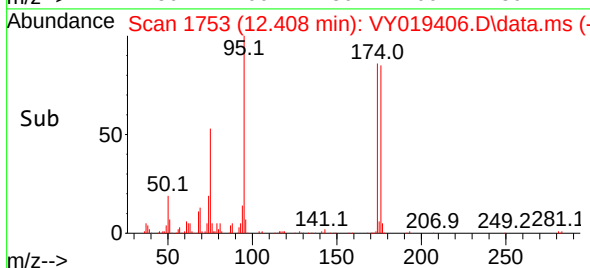
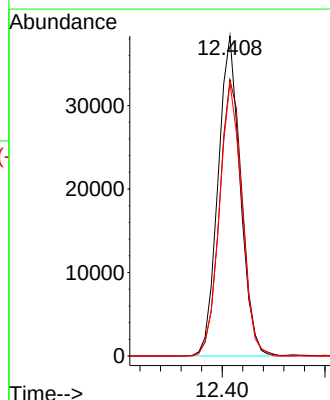
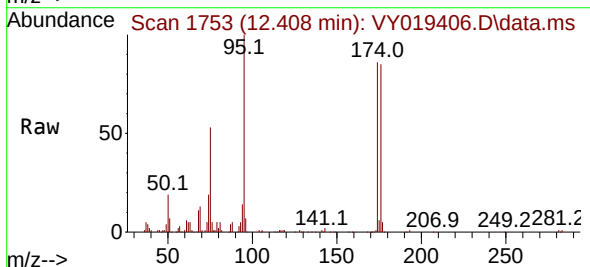
Instrument :
MSVOA_Y
ClientSampleId :

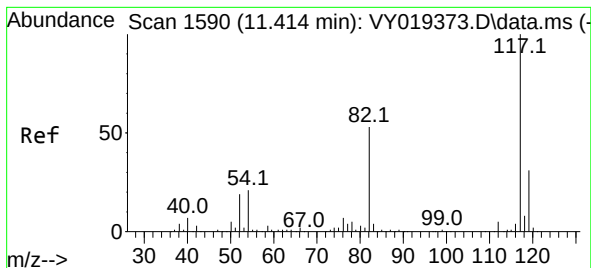
Tgt Ion: 98 Resp: 241934
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.875 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

Tgt Ion: 95 Resp: 57306
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 86.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019406.D

Acq: 30 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

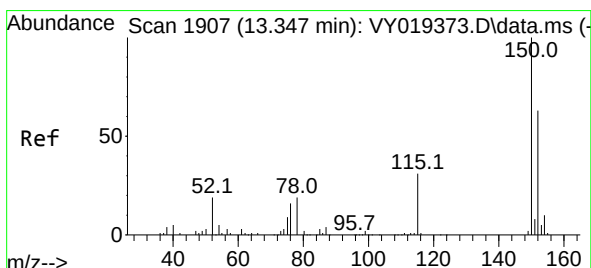
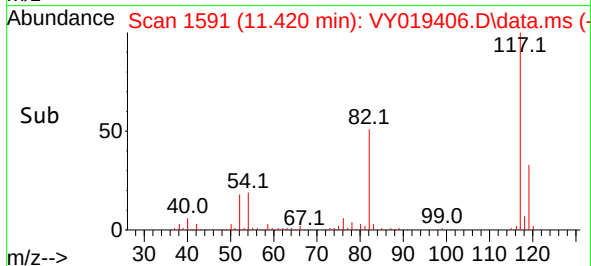
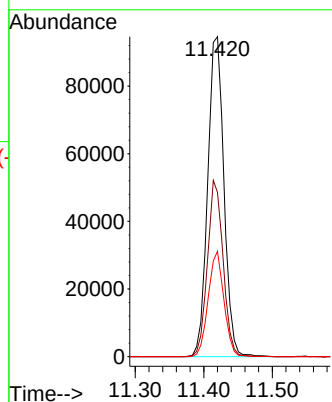
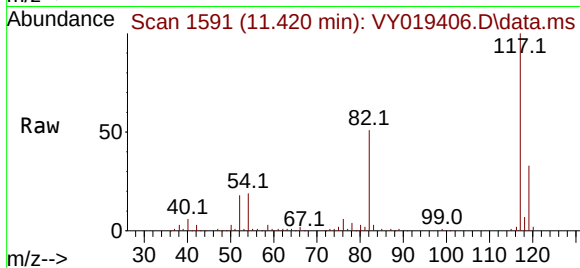
Tgt Ion:117 Resp: 156195

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 33.0 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: VY019406.D

Acq: 30 Aug 2024 19:20

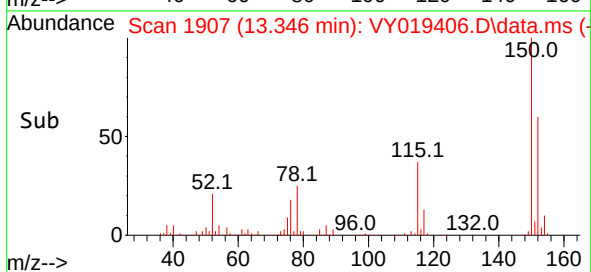
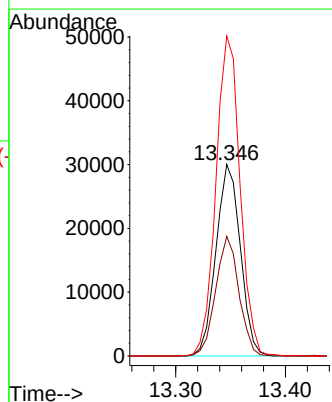
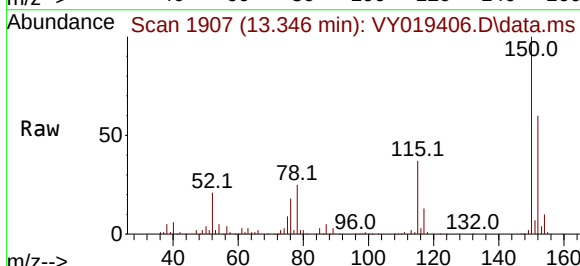
Tgt Ion:152 Resp: 46370

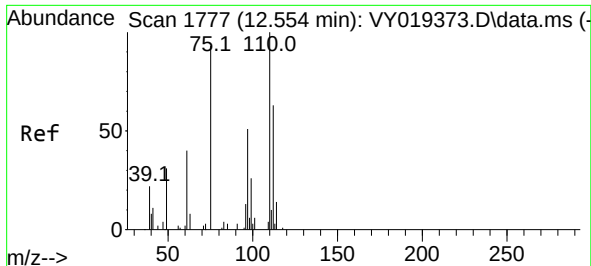
Ion Ratio Lower Upper

152 100

115 59.5 28.2 84.7

150 165.5 0.0 345.6

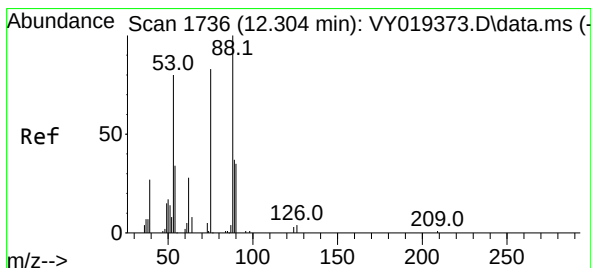
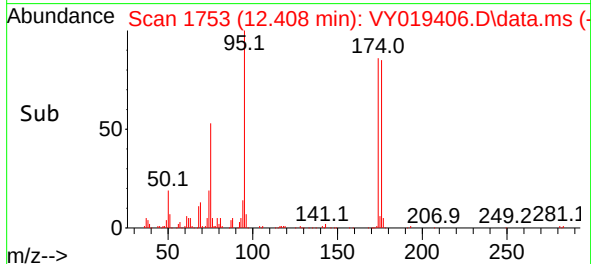
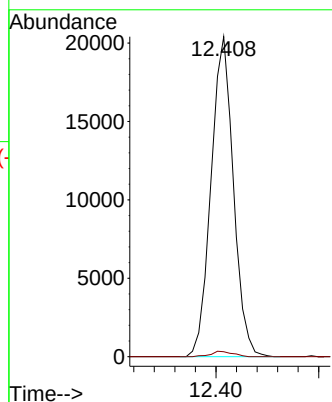
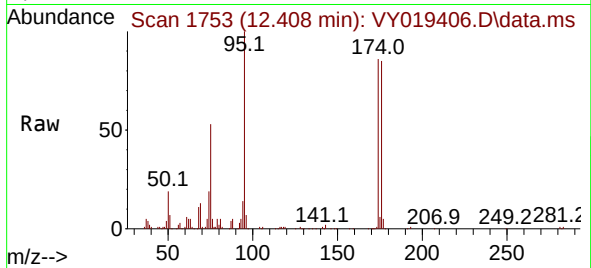




#76
1,2,3-Trichloropropane
Concen: 75.706 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30829
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 187.302 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019406.D
Acq: 30 Aug 2024 19:20

Tgt Ion: 75 Resp: 30829
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

