

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019407.D
 Acq On : 30 Aug 2024 19:44
 Operator : SY/MD
 Sample : P3750-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:19:52 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)

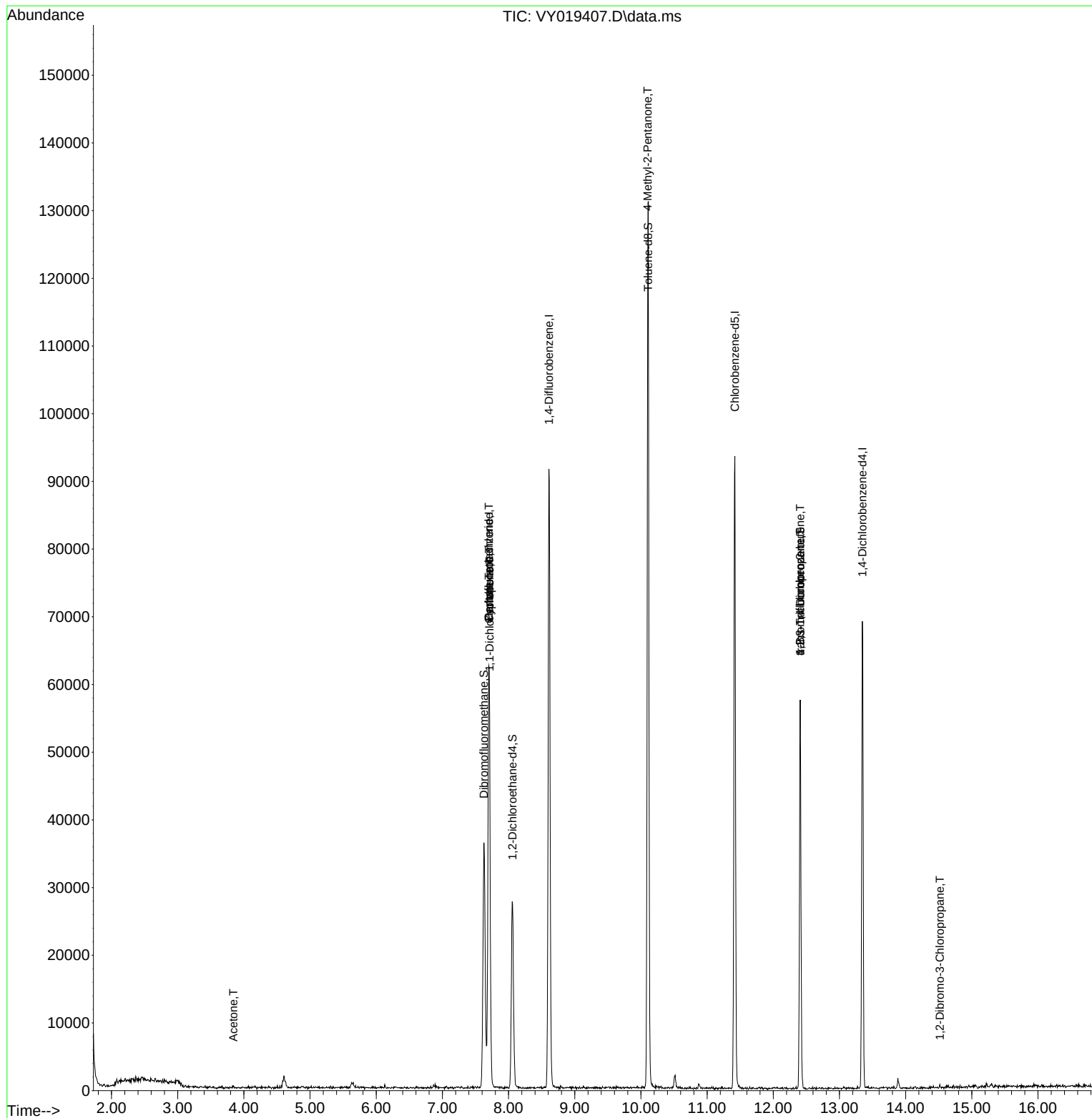
Internal Standards						
1) Pentafluorobenzene	7.701	168	49450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	81710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	52363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	17737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22255	47.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.020%		
35) Dibromofluoromethane	7.628	113	24996	48.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.109	98	84405	44.384	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.760%		
62) 4-Bromofluorobenzene	12.407	95	17141	27.868	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	55.740%		
Target Compounds						
5) Bromomethane	2.604	94	77	Below Cal	#	70
16) Acetone	3.842	43	93	1.009	ug/l #	36
20) Methylene Chloride	4.604	84	1069	Below Cal	#	84
31) Cyclohexane	7.707	56	992	1.245	ug/l #	62
36) 1,1-Dichloropropene	7.713	75	3831	5.248	ug/l #	40
38) Carbon Tetrachloride	7.701	117	5106	5.738	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	342	1.158	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	9122	58.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	9122	144.887	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.517	75	18	1.901	ug/l #	1

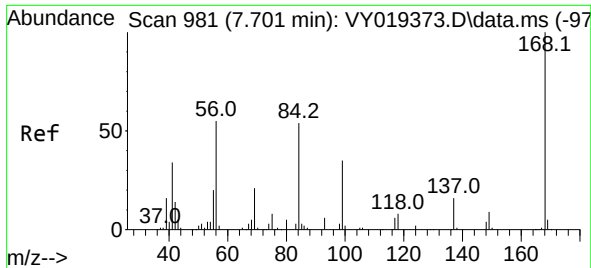
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Aug 30 23:19:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
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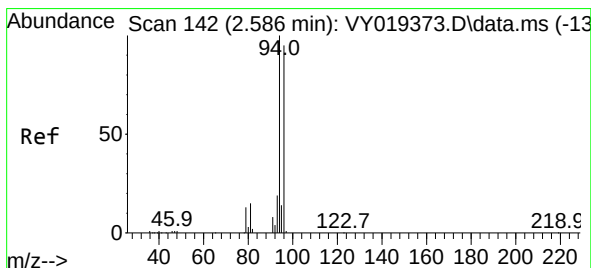
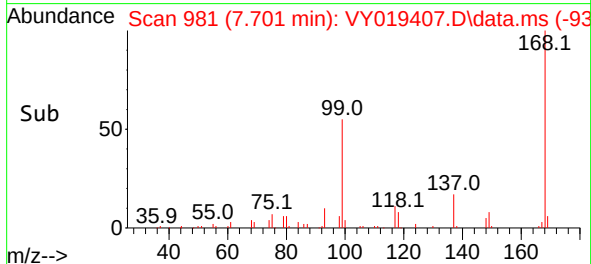
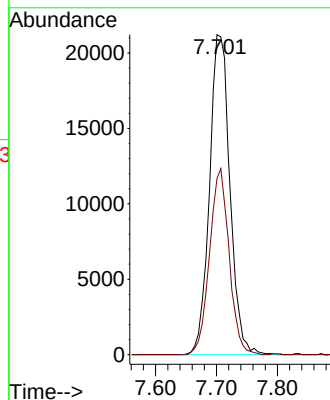
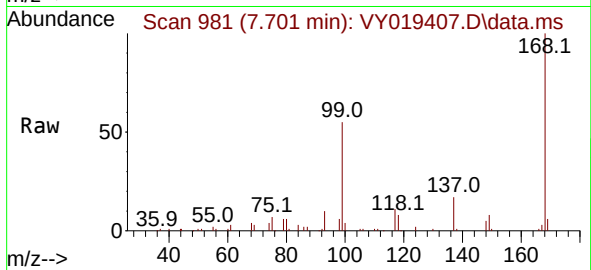




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

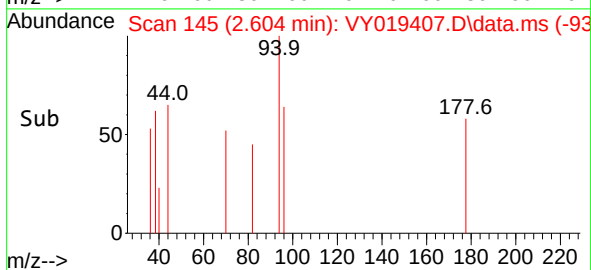
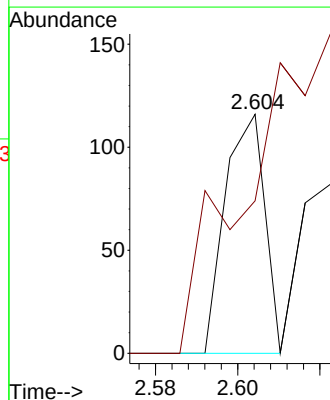
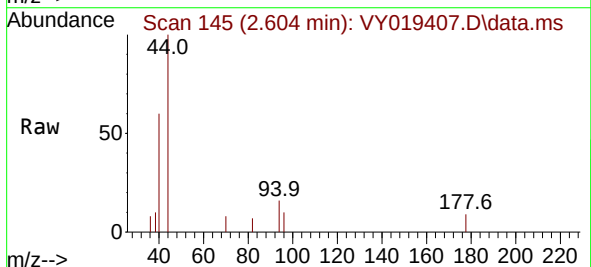
Instrument :
MSVOA_Y
ClientSampleId :

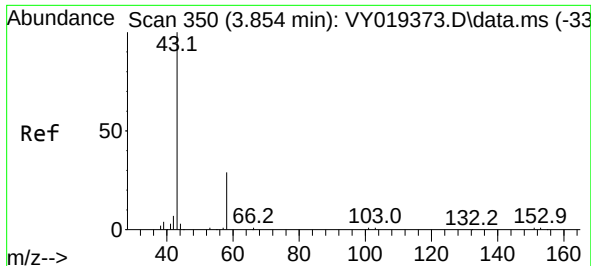
Tgt Ion:168 Resp: 49450
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

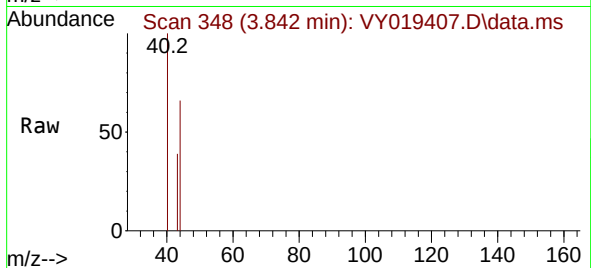
Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 63.8 74.1 111.1#



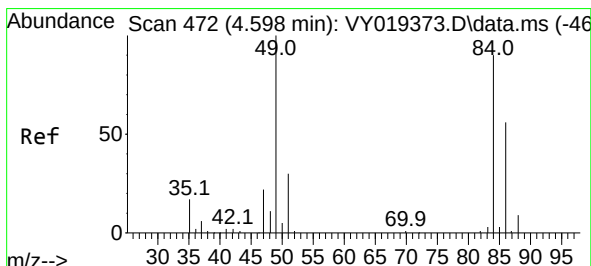
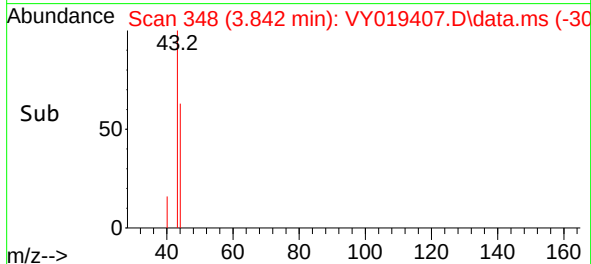
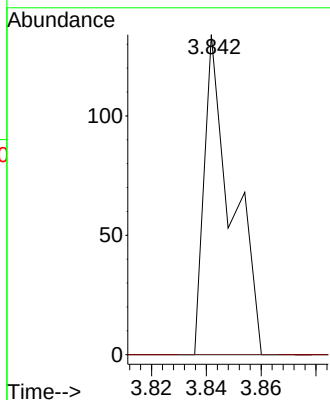


#16
Acetone
Concen: 1.009 ug/l
RT: 3.842 min Scan# 34
Delta R.T. -0.013 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Instrument :
MSVOA_Y
ClientSampleId :

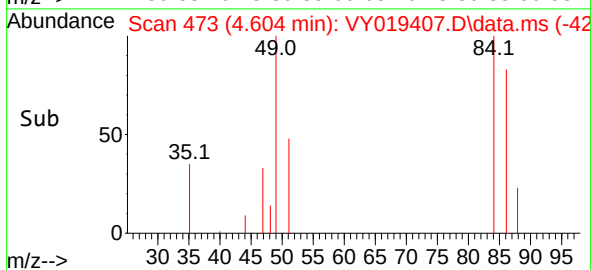
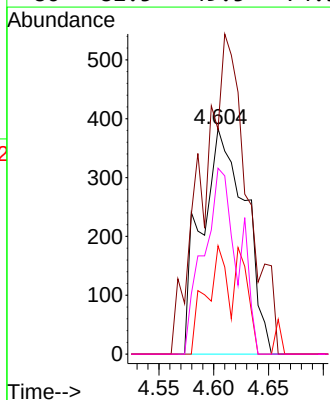
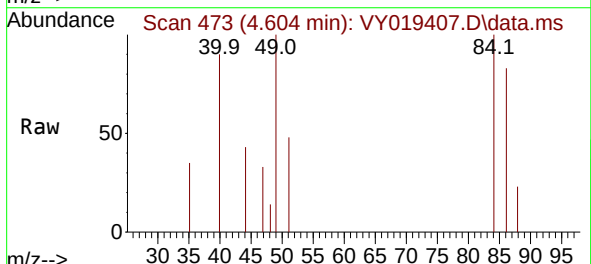


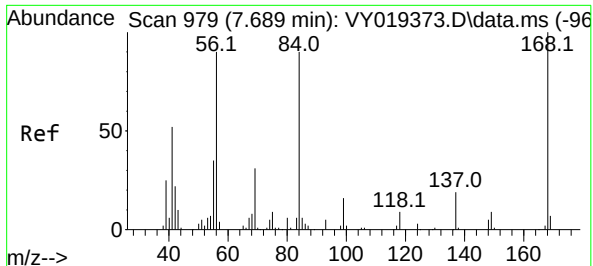
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
49 99.7 84.4 126.6
51 48.0 26.0 39.0#
86 82.5 49.5 74.3#

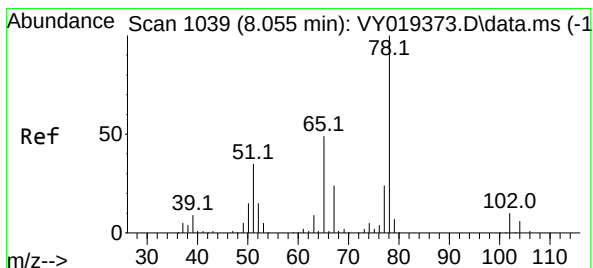
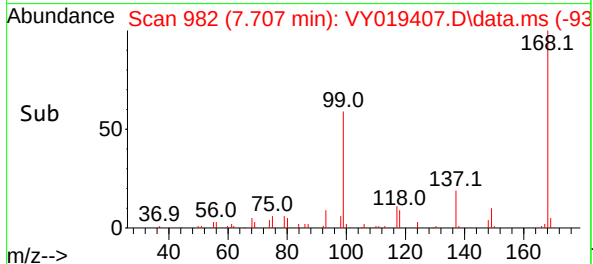
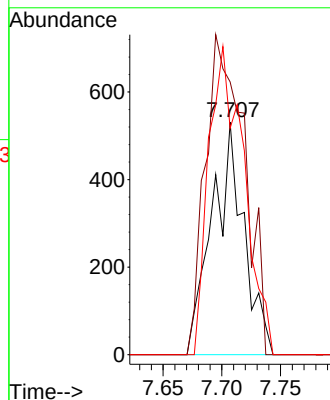
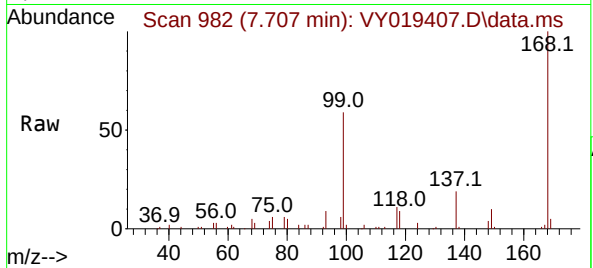




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

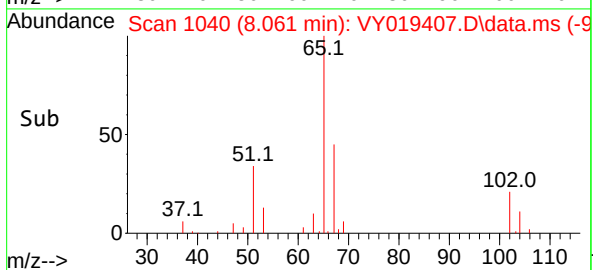
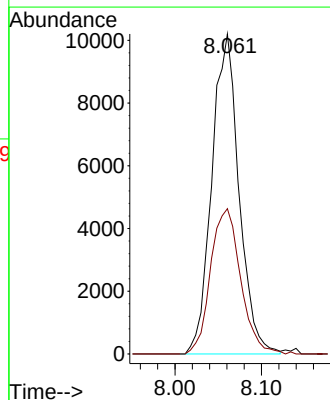
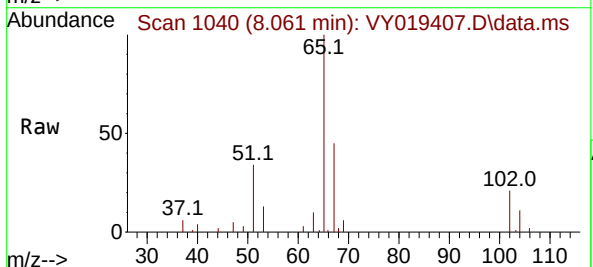
Instrument :
MSVOA_Y
ClientSampleId :

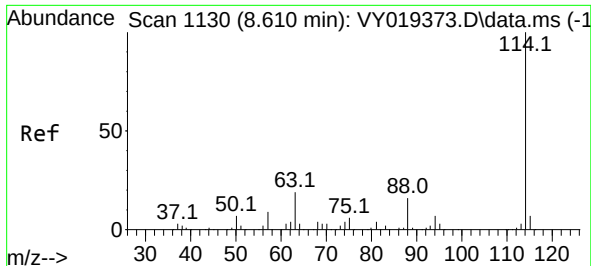
Tgt Ion: 56 Resp: 992
Ion Ratio Lower Upper
56 100
69 117.3 28.7 43.1#
84 97.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.515 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion: 65 Resp: 22255
Ion Ratio Lower Upper
65 100
67 50.2 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: VY019407.D

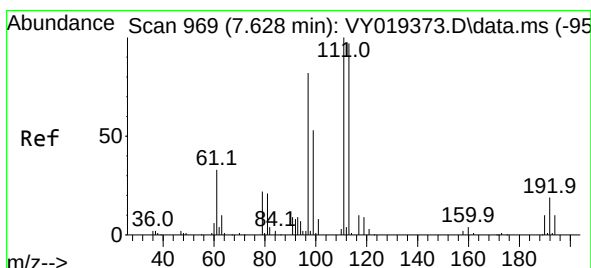
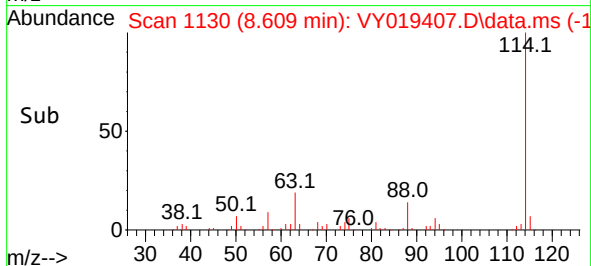
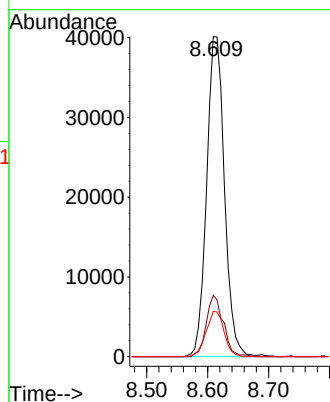
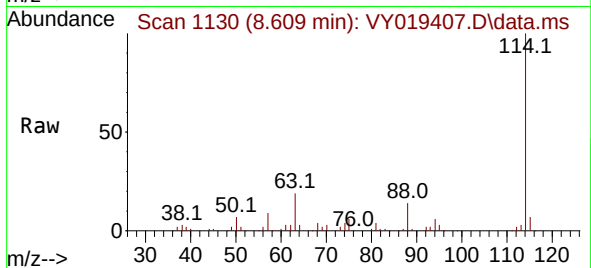
Acq: 30 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	81710
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 35.0
88	14.2	0.0 27.2



#35

Dibromofluoromethane

Concen: 48.386 ug/l

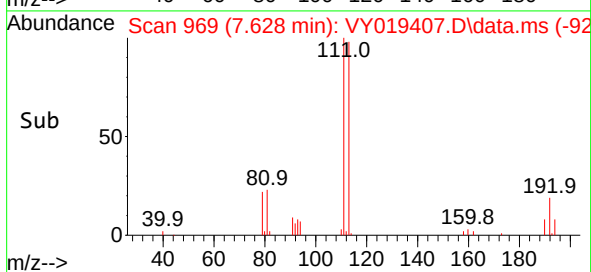
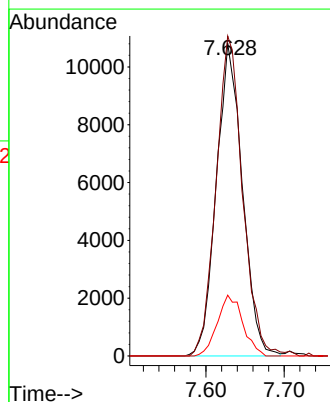
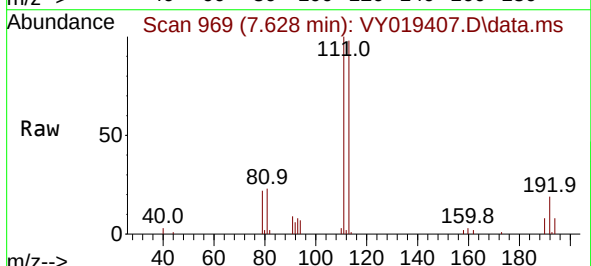
RT: 7.628 min Scan# 969

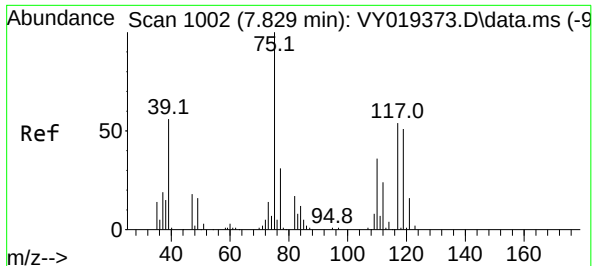
Delta R.T. -0.000 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

Tgt Ion:113	Resp:	24996
Ion	Ratio	Lower Upper
113	100	
111	104.3	82.2 123.4
192	19.0	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.248 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.116 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

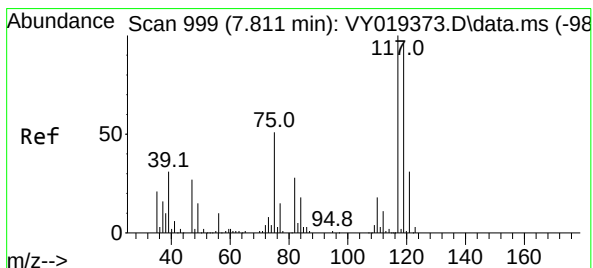
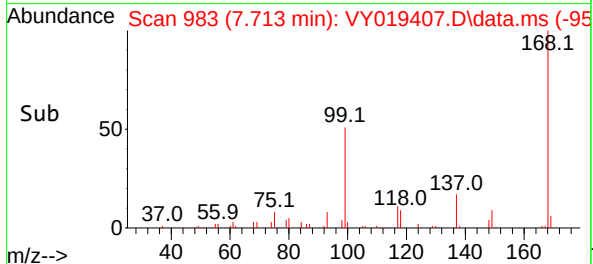
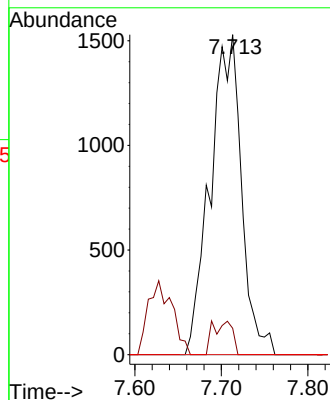
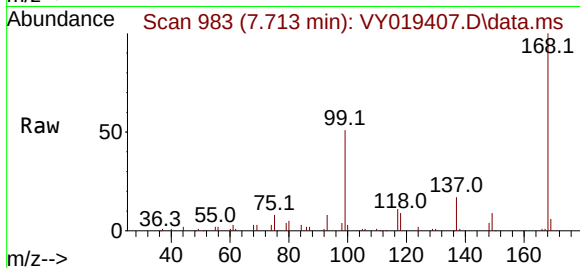
Tgt Ion: 75 Resp: 3831

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

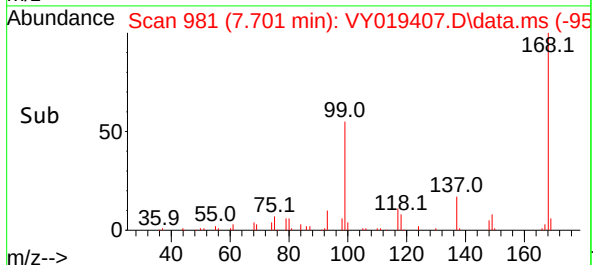
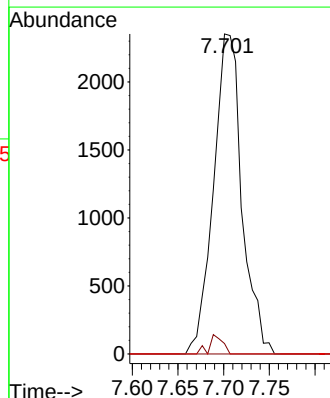
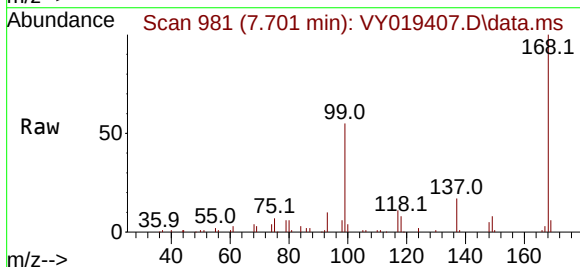
Tgt Ion: 117 Resp: 5106

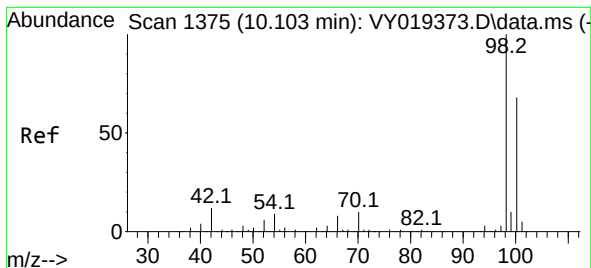
Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 44.384 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019407.D

Acq: 30 Aug 2024 19:44

Instrument :

MSVOA_Y

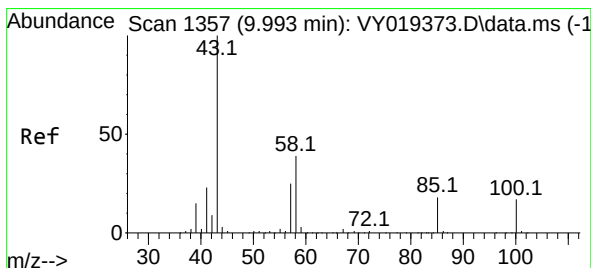
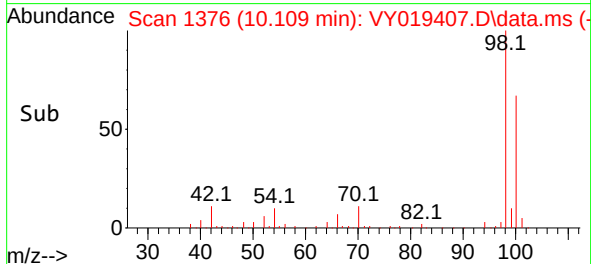
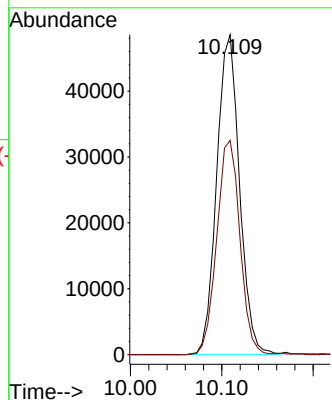
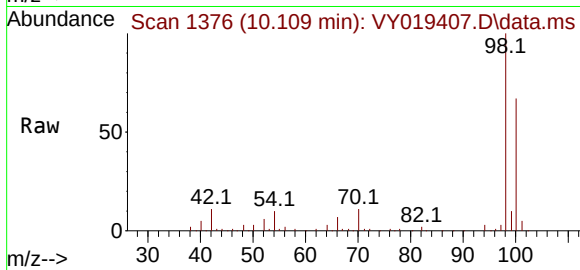
ClientSampleId :

Tgt Ion: 98 Resp: 84405

Ion Ratio Lower Upper

98 100

100 68.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.158 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.109 min

Lab File: VY019407.D

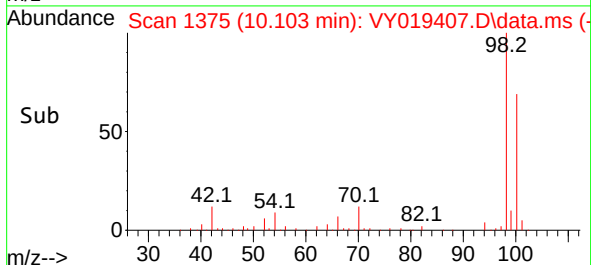
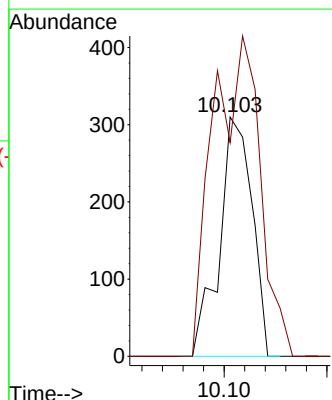
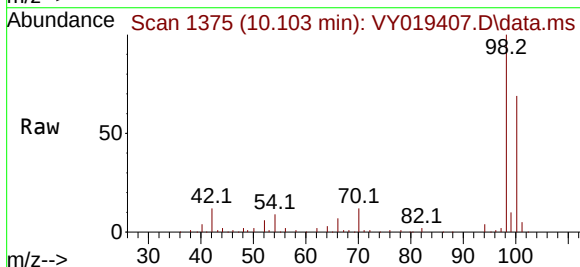
Acq: 30 Aug 2024 19:44

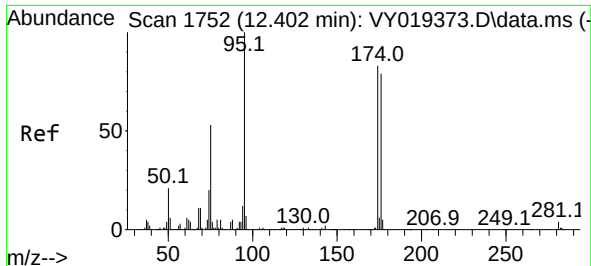
Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

58 192.4 35.7 53.5#

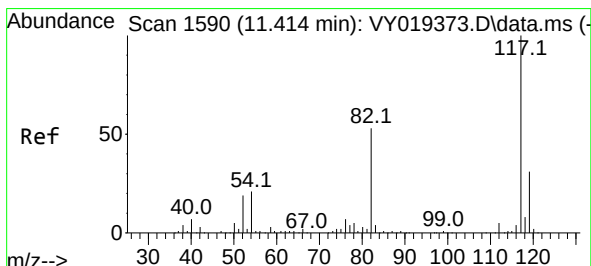
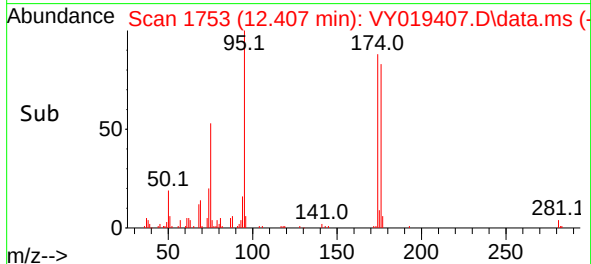
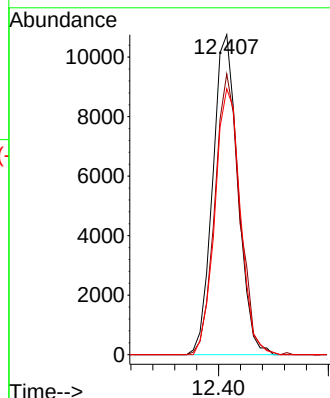
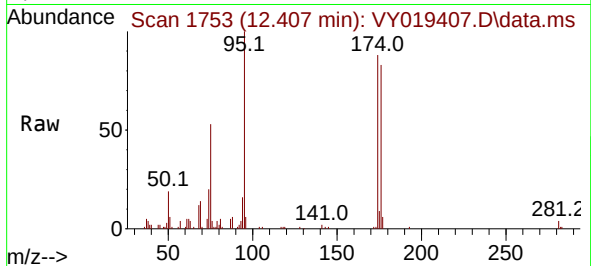




#62
4-Bromofluorobenzene
Concen: 27.868 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

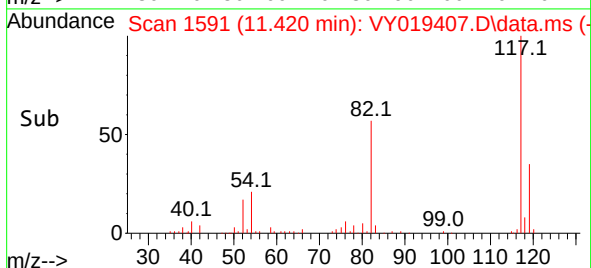
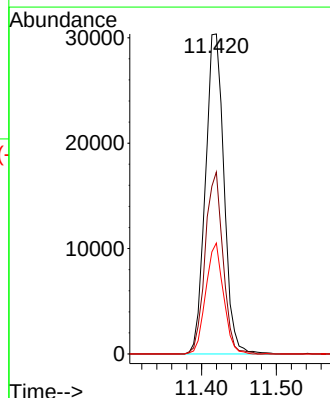
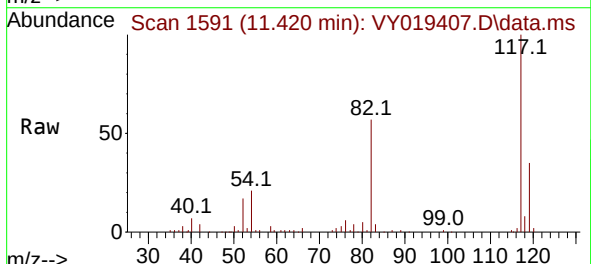
Instrument :
MSVOA_Y
ClientSampleId :

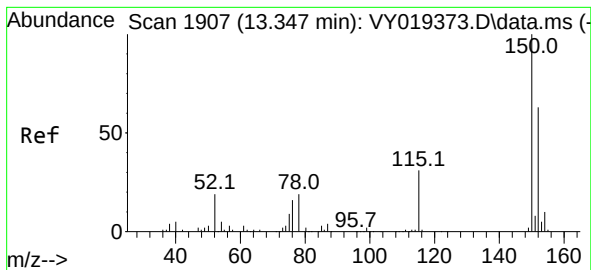
Tgt Ion: 95 Resp: 17141
Ion Ratio Lower Upper
95 100
174 87.0 0.0 175.6
176 84.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion: 117 Resp: 52363
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 34.6 25.9 38.9

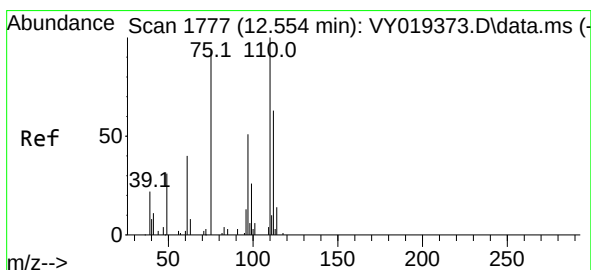
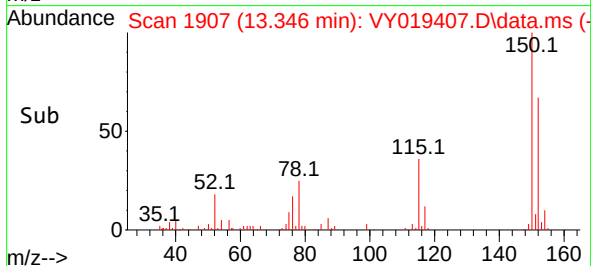
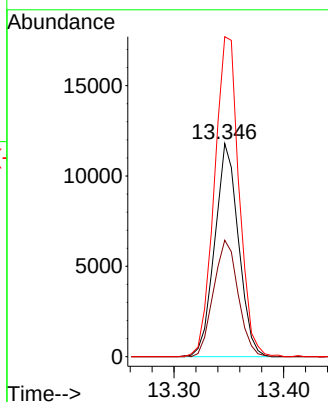
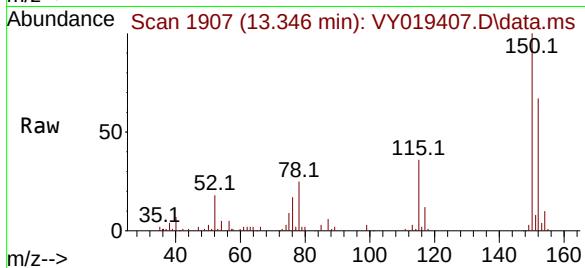




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY019407.D
 Acq: 30 Aug 2024 19:44

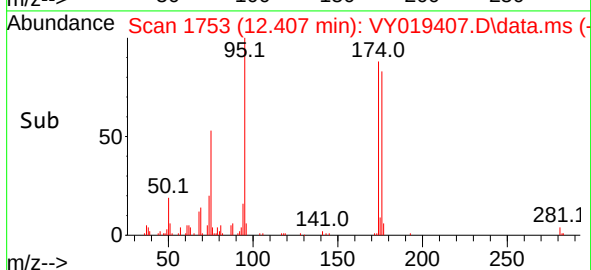
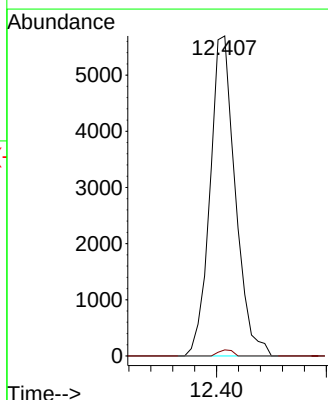
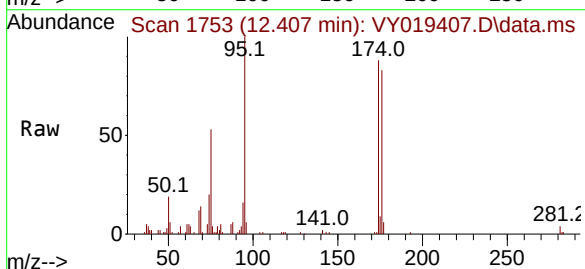
Instrument :
 MSVOA_Y
 ClientSampleId :

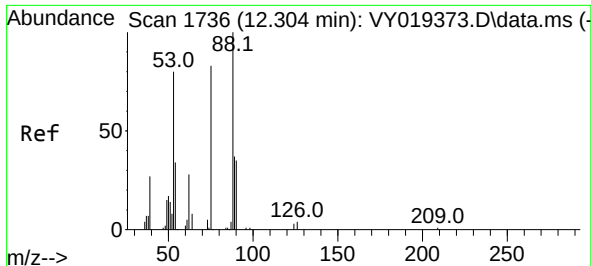
Tgt Ion:152 Resp: 17737
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 155.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 58.562 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY019407.D
 Acq: 30 Aug 2024 19:44

Tgt Ion: 75 Resp: 9122
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

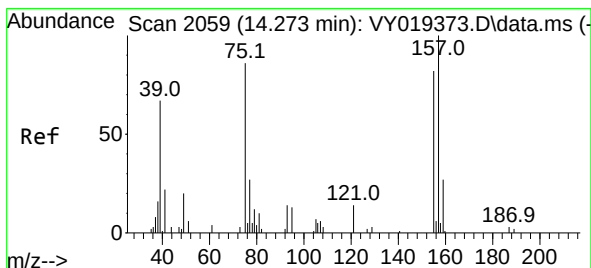
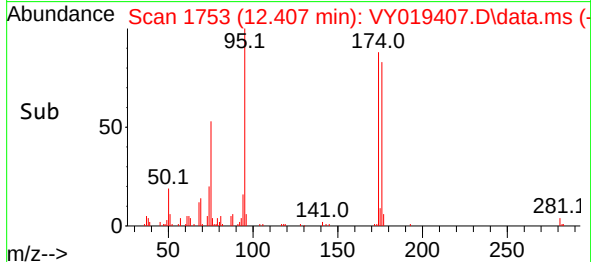
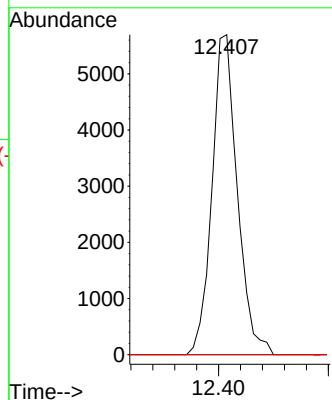
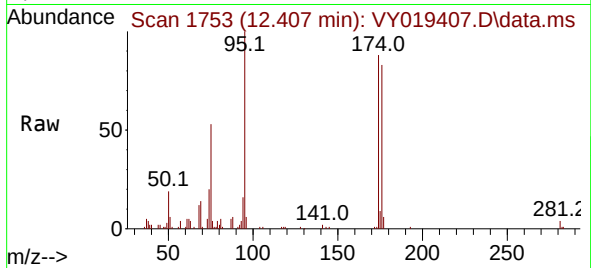




#81
trans-1,4-Dichloro-2-butene
Concen: 144.887 ug/l
RT: 12.407 min Scan# 1736
Delta R.T. 0.103 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9122
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.901 ug/l
RT: 14.517 min Scan# 2099
Delta R.T. 0.244 min
Lab File: VY019407.D
Acq: 30 Aug 2024 19:44

Tgt Ion: 75 Resp: 18
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

