

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019382.D
 Acq On : 29 Aug 2024 20:37
 Operator : SY/MD
 Sample : P3735-08
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:49:59 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)

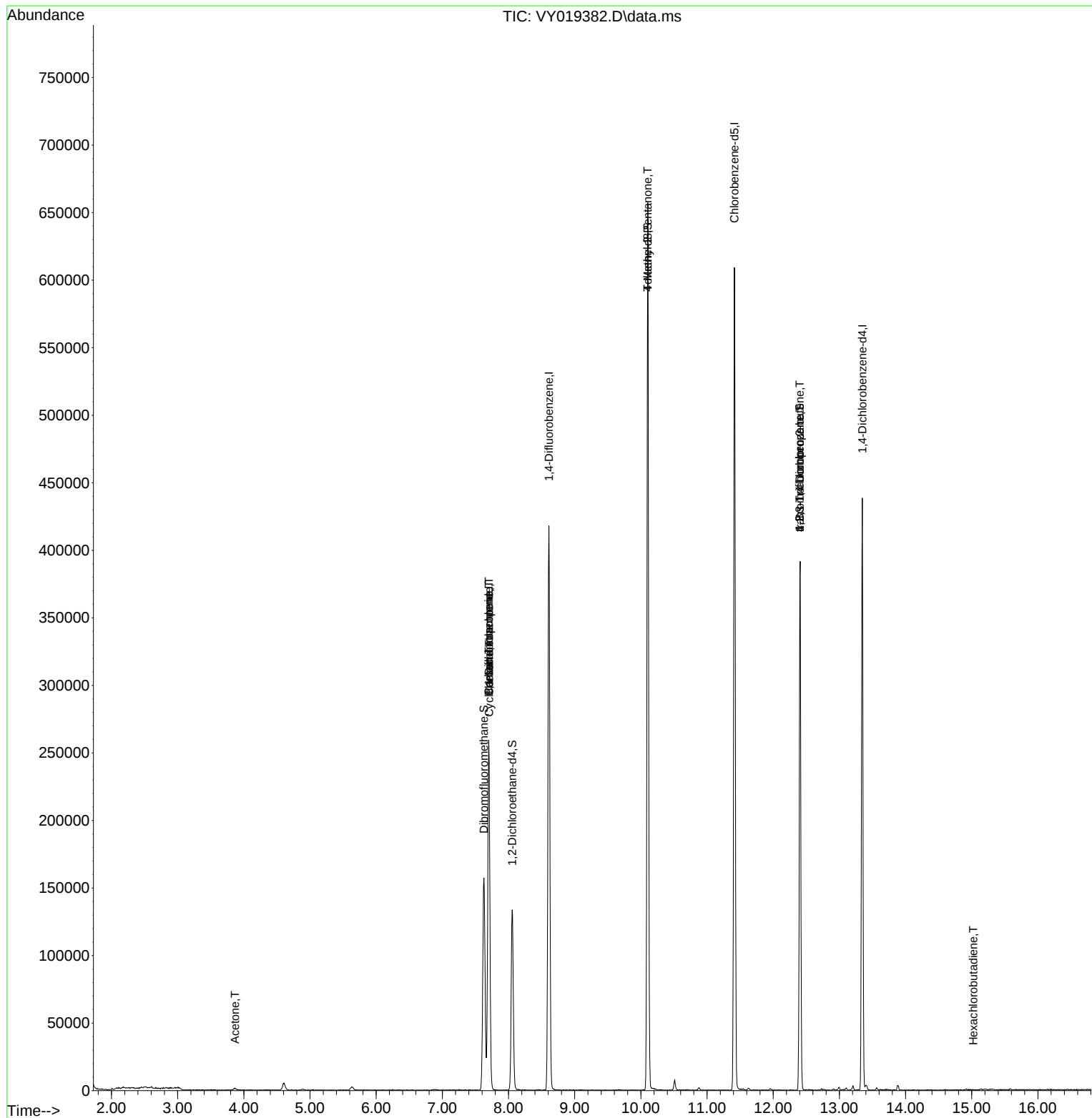
Internal Standards						
1) Pentafluorobenzene	7.701	168	201651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	364404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	107508	56.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.580%
35) Dibromofluoromethane	7.628	113	111659	48.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.103	98	404131	47.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.402	95	114342	41.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.360%
Target Compounds						
5) Bromomethane	2.605	94	659	Below Cal	#	50
16) Acetone	3.867	43	2116	5.633	ug/l #	79
20) Methylene Chloride	4.610	84	3951	Below Cal		97
31) Cyclohexane	7.707	56	4104	1.264	ug/l #	34
36) 1,1-Dichloropropene	7.701	75	14932	4.586	ug/l #	47
38) Carbon Tetrachloride	7.701	117	20473	5.159	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	1945	1.477	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	61891	64.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	61891	160.399	ug/l #	16
94) Hexachlorobutadiene	15.023	225	98	3.592	ug/l #	19

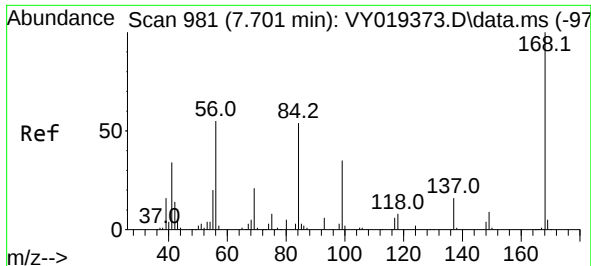
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
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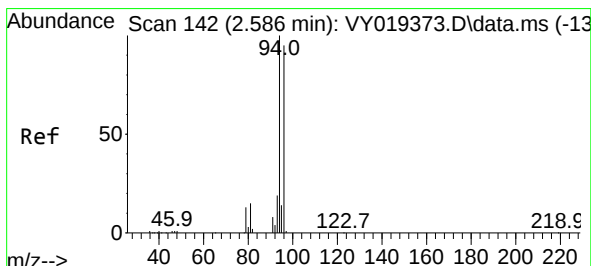
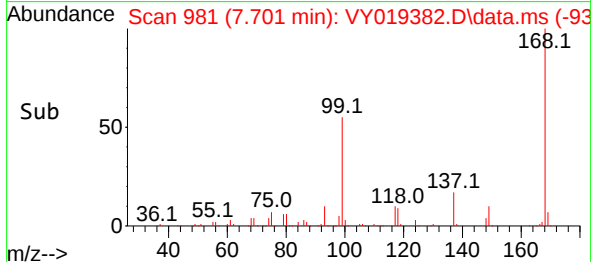
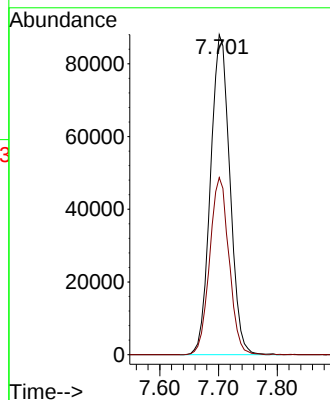
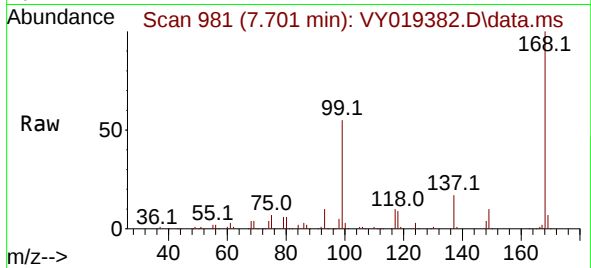




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

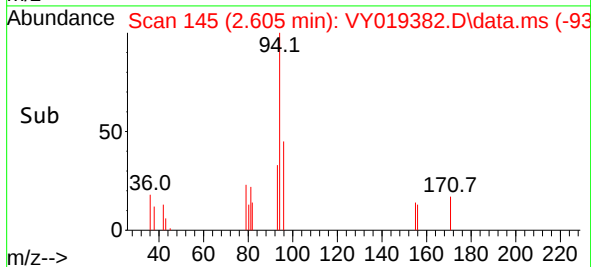
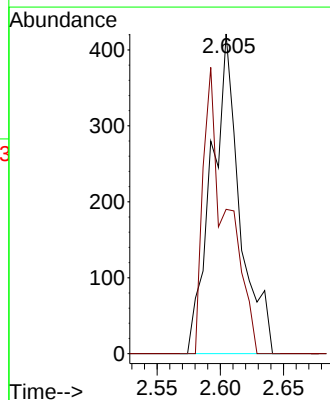
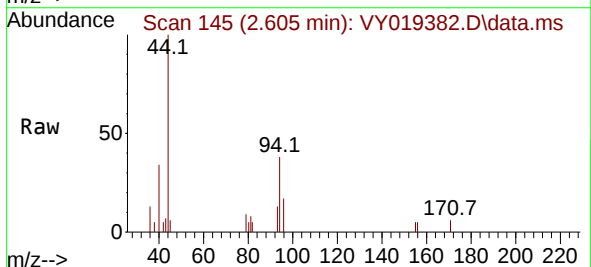
Instrument :
MSVOA_Y
ClientSampleId :

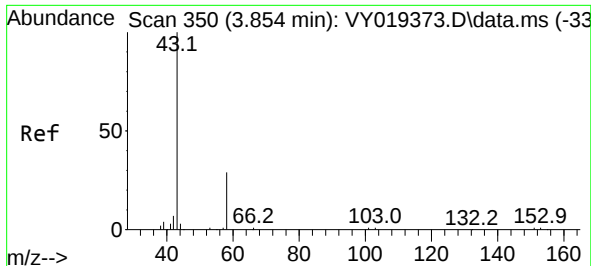
Tgt Ion:168 Resp: 201651
Ion Ratio Lower Upper
168 100
99 55.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 45.1 74.1 111.1#

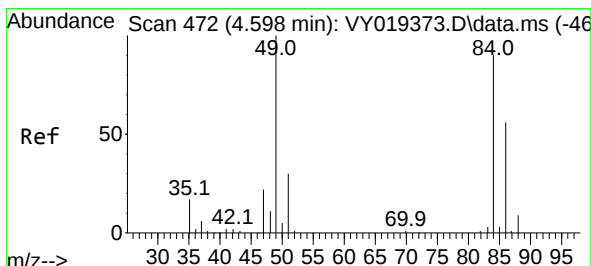
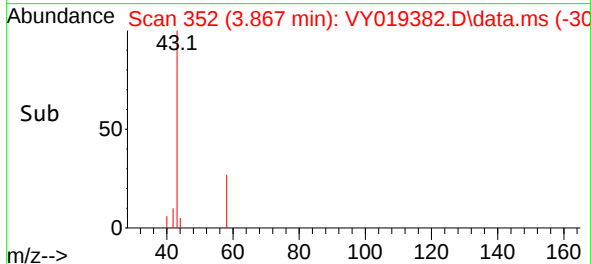
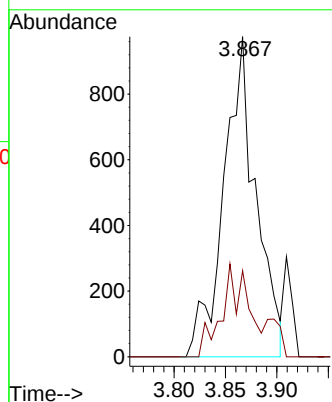
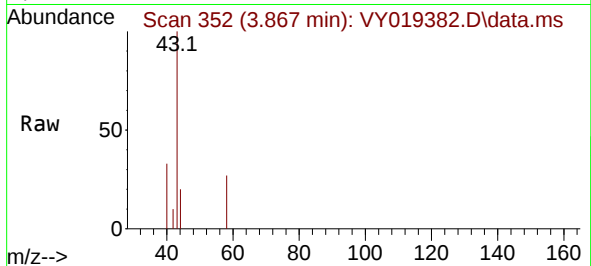




#16
Acetone
Concen: 5.633 ug/l
RT: 3.867 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

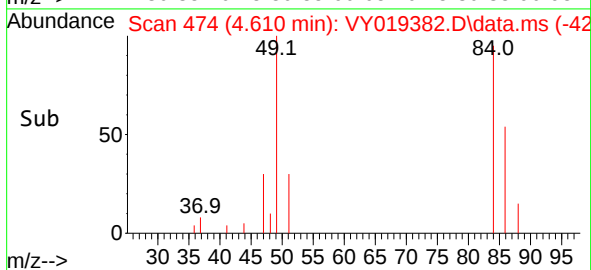
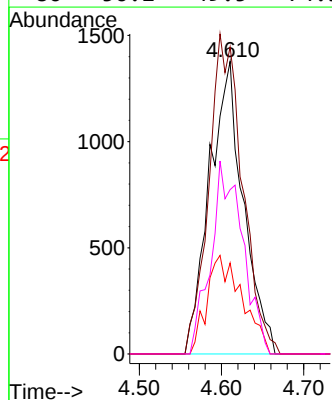
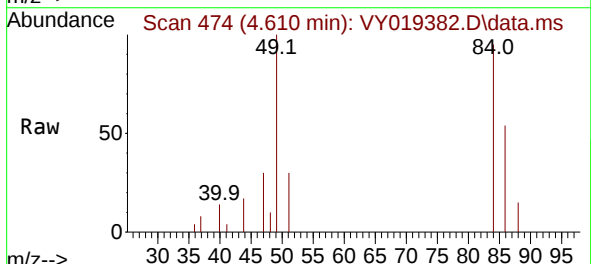
Instrument :
MSVOA_Y
ClientSampleId :

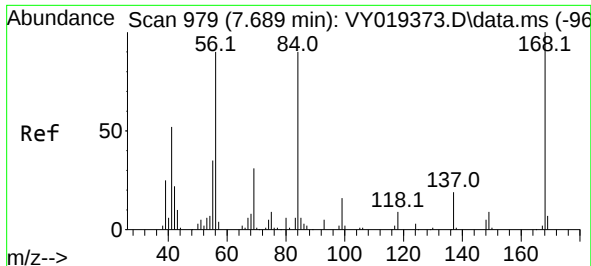
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 26.9 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Tgt Ion: 84 Resp: 3951
Ion Ratio Lower Upper
84 100
49 104.9 84.4 126.6
51 31.1 26.0 39.0
86 56.2 49.5 74.3

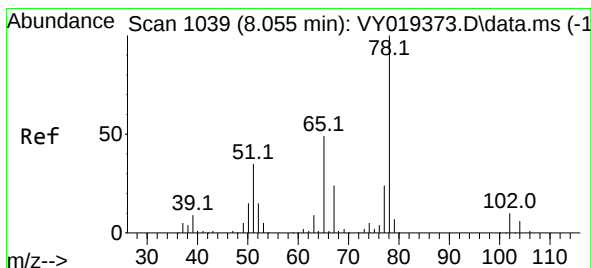
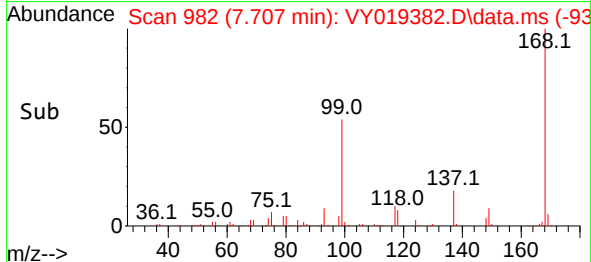
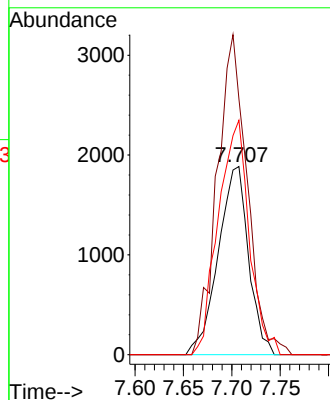
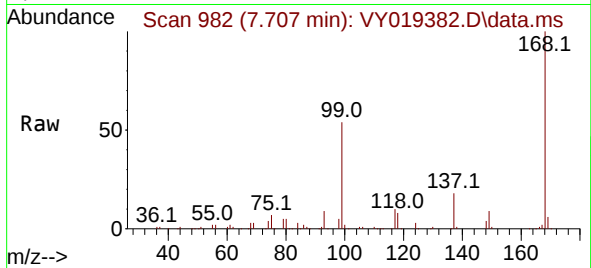




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

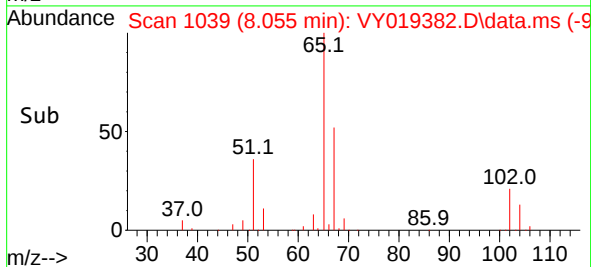
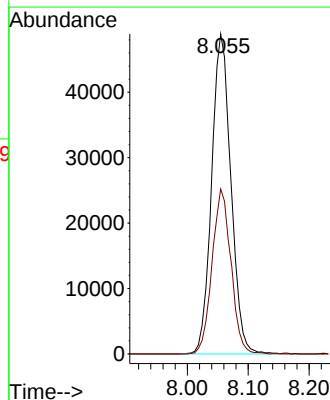
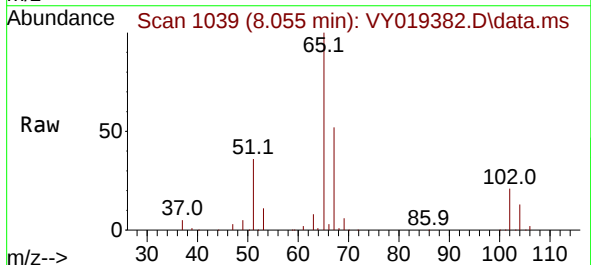
Instrument :
MSVOA_Y
ClientSampleId :

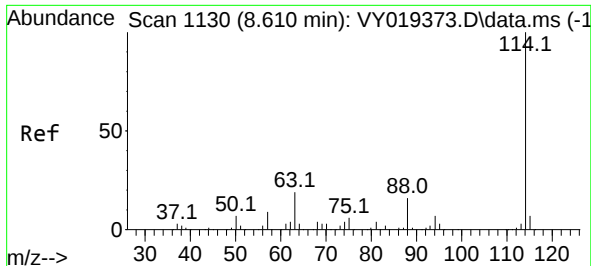
Tgt Ion: 56 Resp: 4104
Ion Ratio Lower Upper
56 100
69 136.0 28.7 43.1#
84 124.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.287 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Tgt Ion: 65 Resp: 107508
Ion Ratio Lower Upper
65 100
67 50.5 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: VY019382.D

Acq: 29 Aug 2024 20:37

Instrument :

MSVOA_Y

ClientSampleId :

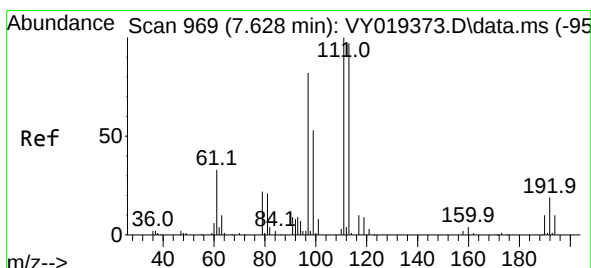
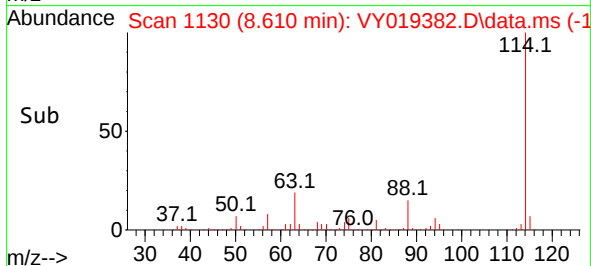
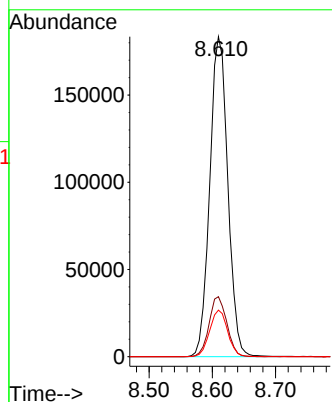
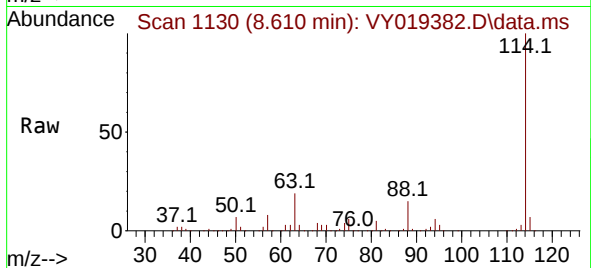
Tgt Ion:114 Resp: 364404

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.465 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

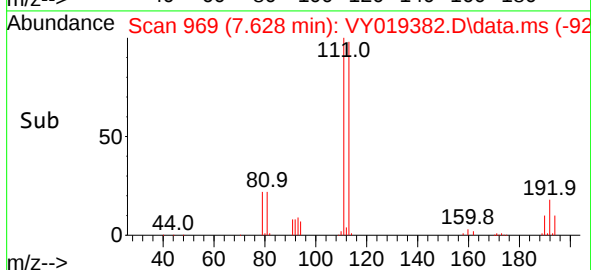
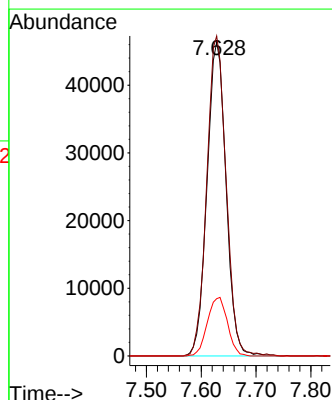
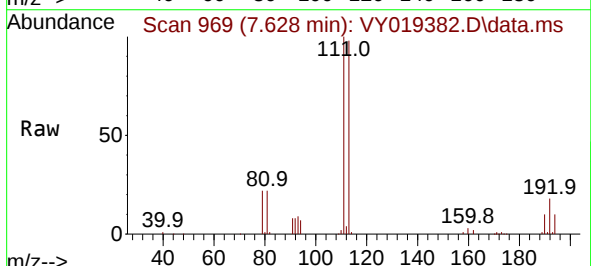
Tgt Ion:113 Resp: 111659

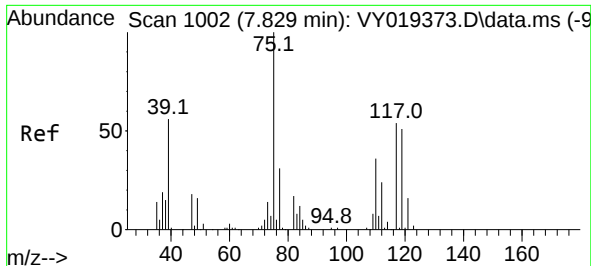
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.586 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019382.D

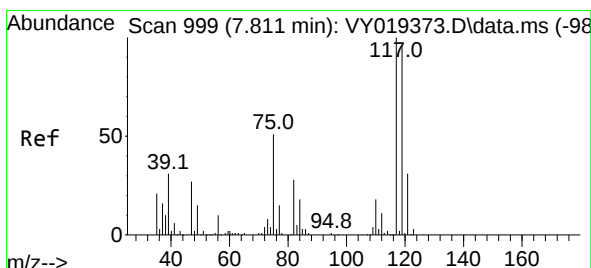
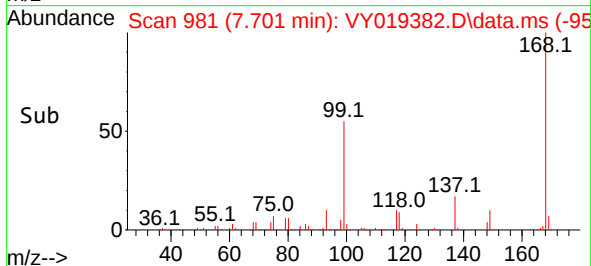
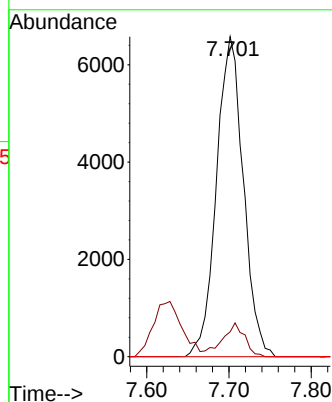
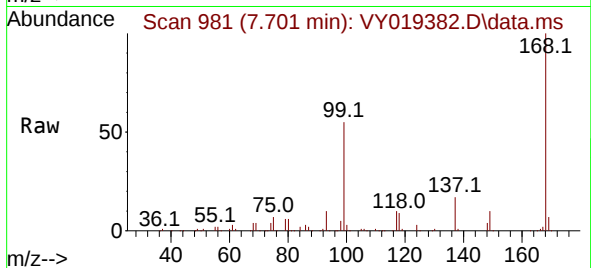
Acq: 29 Aug 2024 20:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14932
Ion Ratio	Lower Upper
75	100
110	8.6 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.159 ug/l

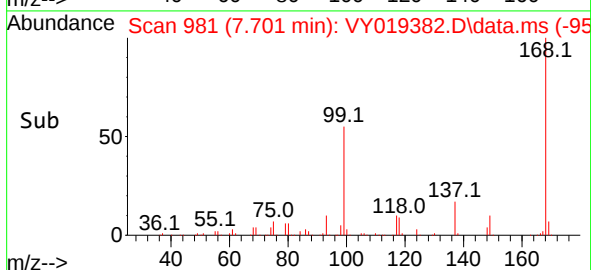
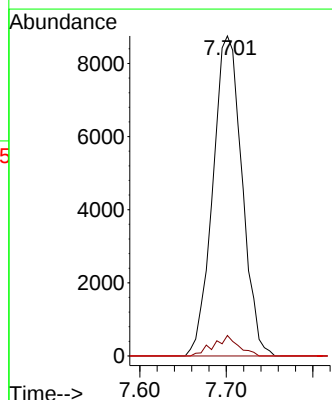
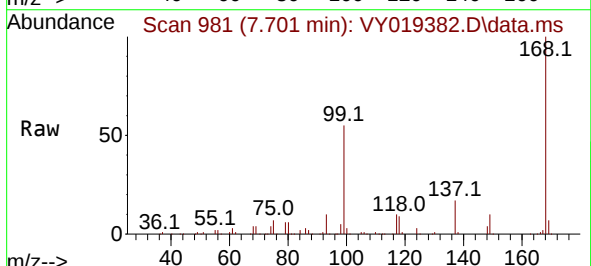
RT: 7.701 min Scan# 981

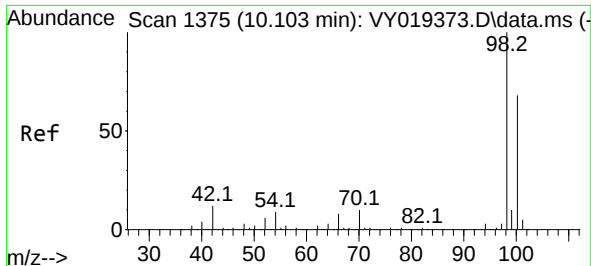
Delta R.T. -0.110 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

Tgt Ion: 117	Resp: 20473
Ion Ratio	Lower Upper
117	100
119	6.4 75.8 113.6#
121	0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.651 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

Instrument :

MSVOA_Y

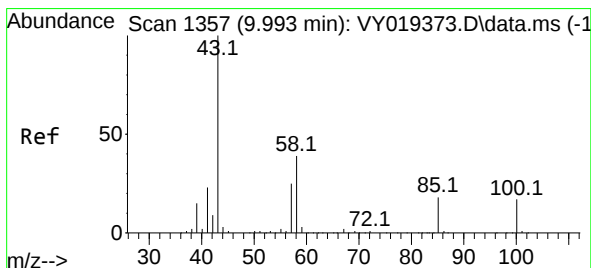
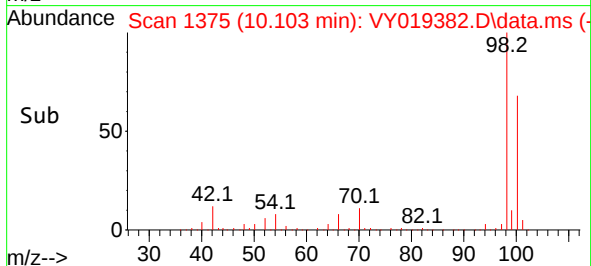
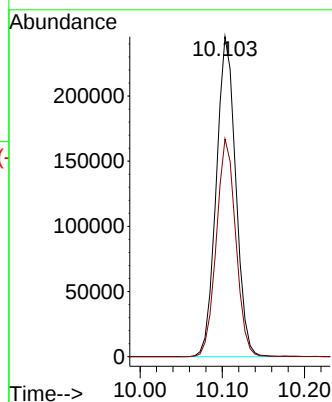
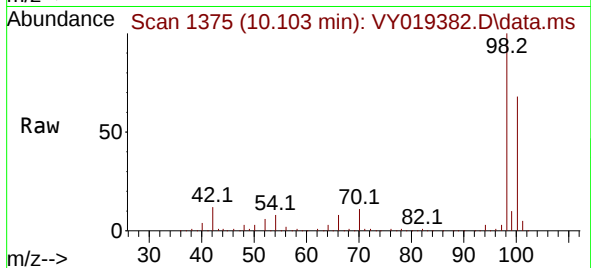
ClientSampleId :

Tgt Ion: 98 Resp: 404131

Ion Ratio Lower Upper

98 100

100 67.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.477 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019382.D

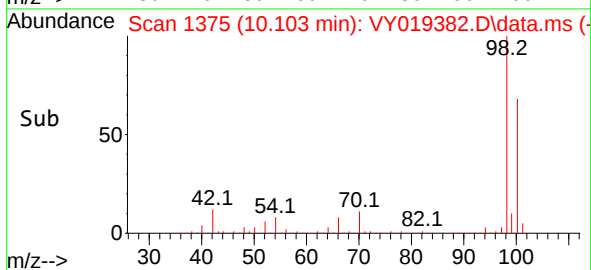
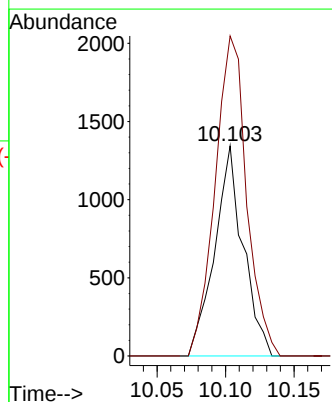
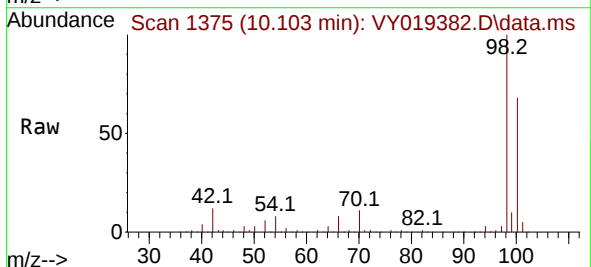
Acq: 29 Aug 2024 20:37

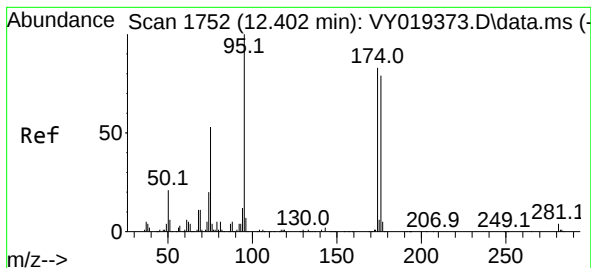
Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

58 168.8 35.7 53.5#

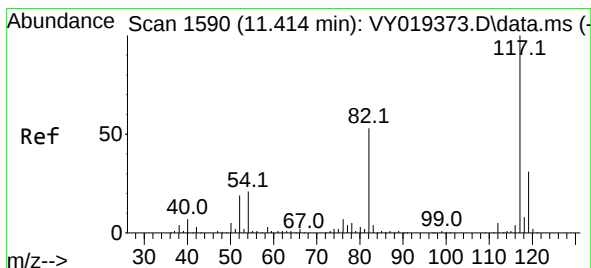
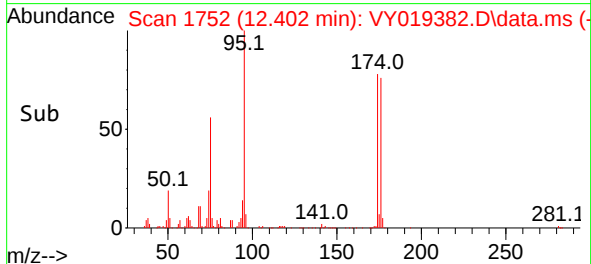
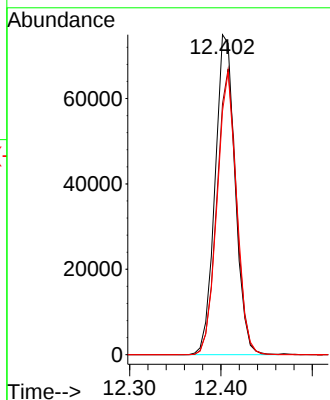
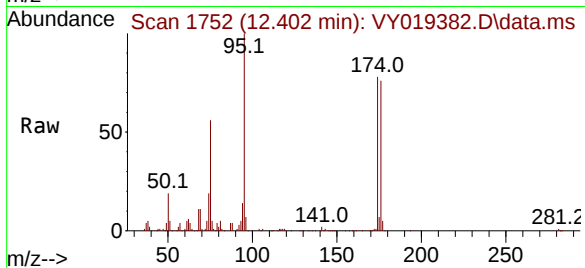




#62
4-Bromofluorobenzene
Concen: 41.683 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

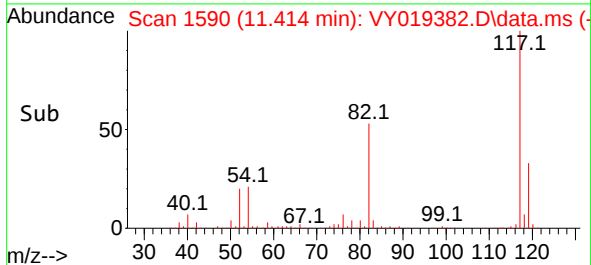
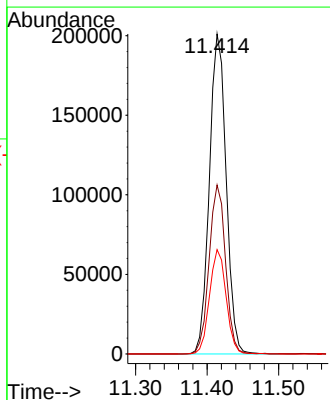
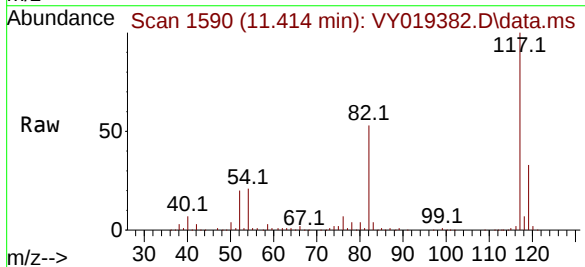
Instrument :
MSVOA_Y
ClientSampleId :

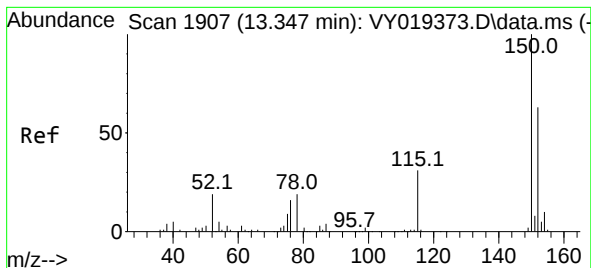
Tgt Ion: 95 Resp: 114342
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Tgt Ion: 117 Resp: 327819
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019382.D

Acq: 29 Aug 2024 20:37

Instrument :

MSVOA_Y

ClientSampleId :

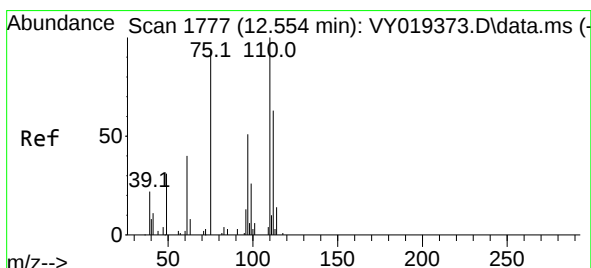
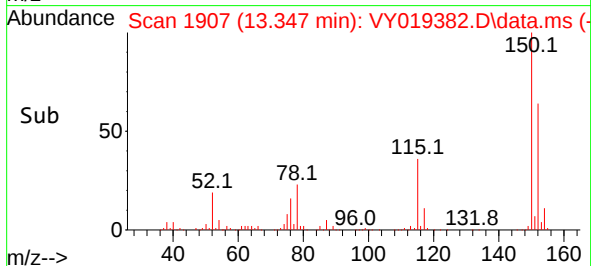
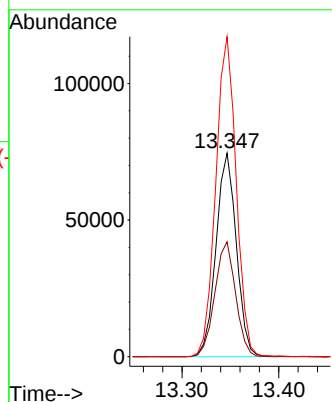
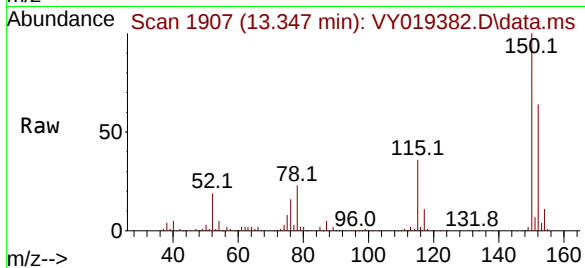
Tgt Ion:152 Resp: 108704

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.832 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019382.D

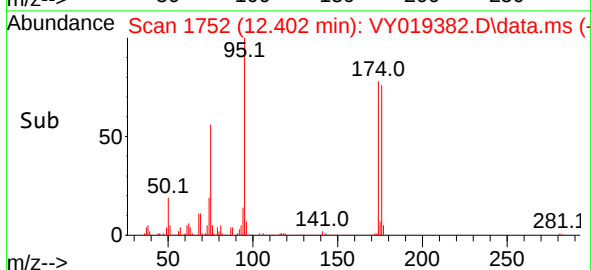
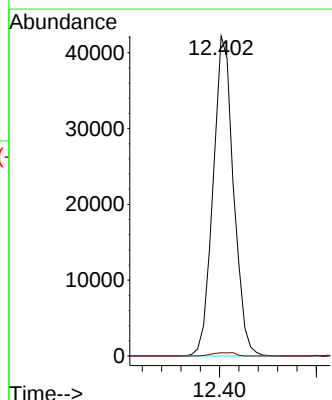
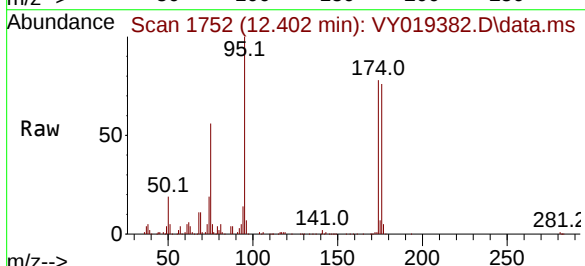
Acq: 29 Aug 2024 20:37

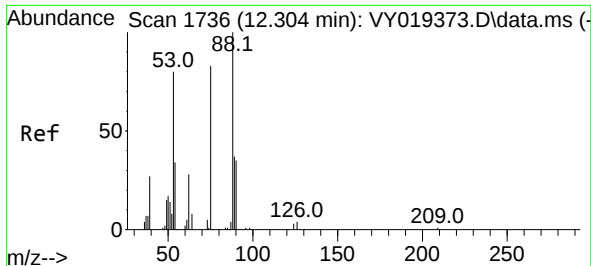
Tgt Ion: 75 Resp: 61891

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

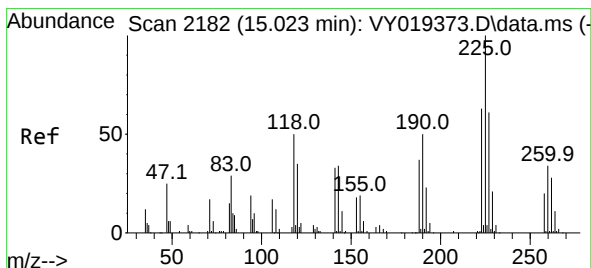
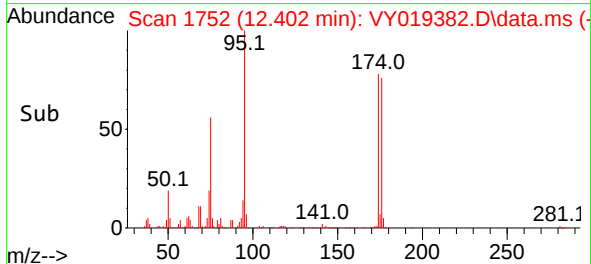
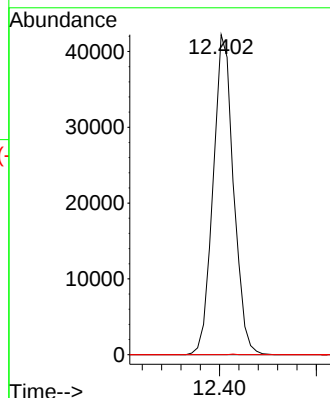
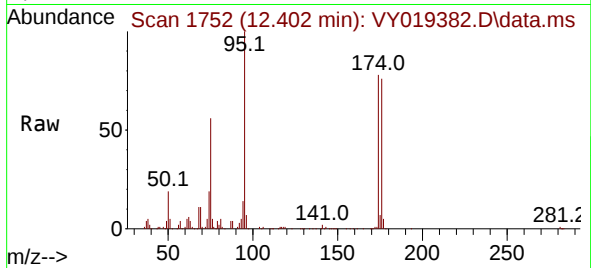




#81
trans-1,4-Dichloro-2-butene
Concen: 160.399 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61891
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#94
Hexachlorobutadiene
Concen: 3.592 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY019382.D
Acq: 29 Aug 2024 20:37

Tgt Ion: 225 Resp: 98
Ion Ratio Lower Upper
225 100
223 0.0 30.4 91.2#
227 0.0 31.9 95.9#

