

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019100.D
 Acq On : 16 Aug 2024 17:57
 Operator : SY/MD
 Sample : P3512-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 00:08:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

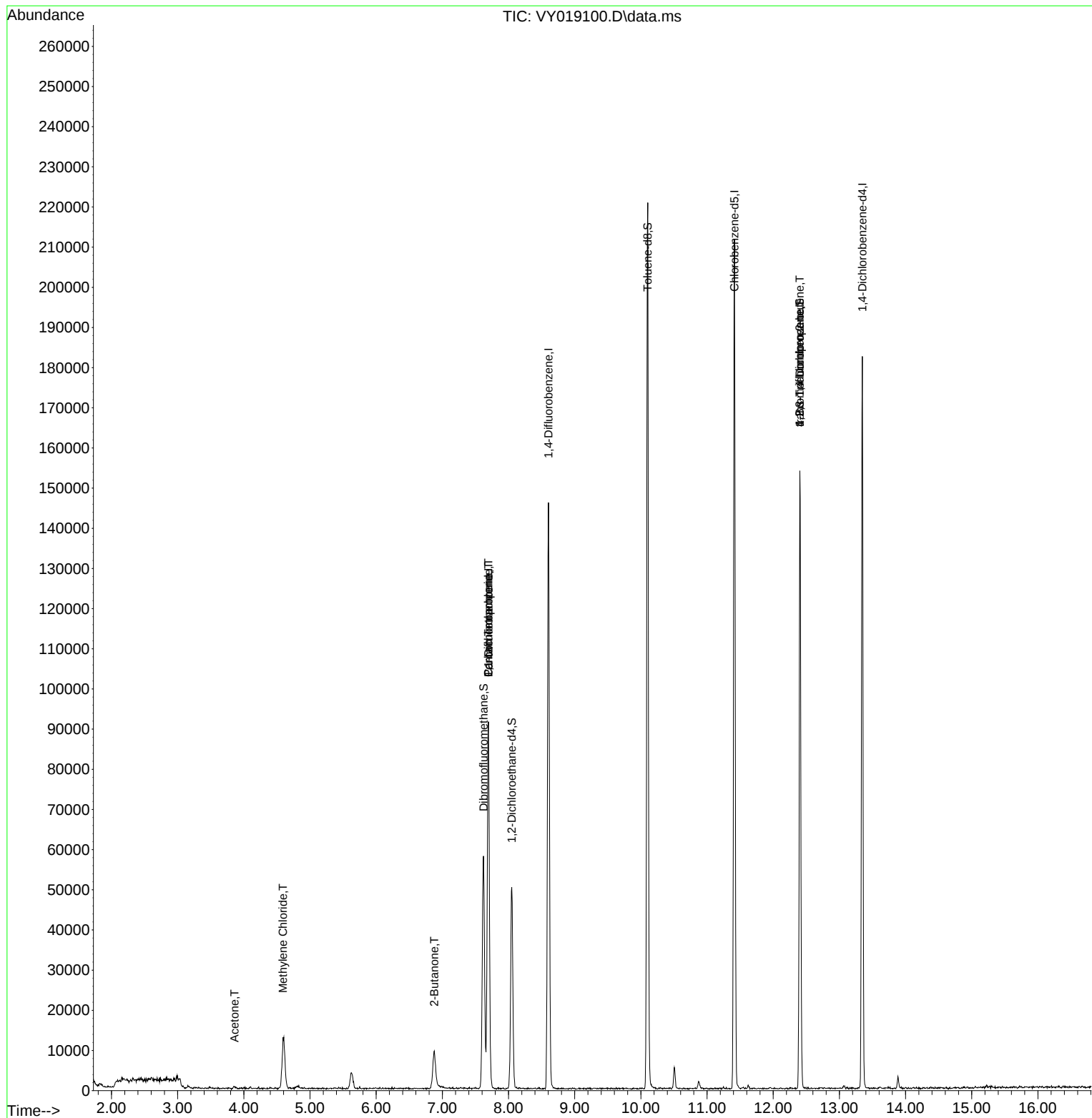
Internal Standards						
1) Pentafluorobenzene	7.695	168	70369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	126502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	113998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	39466	55.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.900%			
35) Dibromofluoromethane	7.622	113	41298	49.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.860%			
50) Toluene-d8	10.103	98	141652	47.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.180%			
62) 4-Bromofluorobenzene	12.401	95	45851	45.186	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	131	Below Cal	#	42
6) Chloroethane	2.720	64	79	Below Cal	#	42
11) Tert butyl alcohol	4.860	59	137	Below Cal	#	88
16) Acetone	3.860	43	568	4.342	ug/l #	76
20) Methylene Chloride	4.592	84	9544	1.912	ug/l	92
25) 2-Butanone	6.878	43	406	1.927	ug/l #	41
31) Cyclohexane	7.695	56	1531	Below Cal	#	47
36) 1,1-Dichloropropene	7.695	75	5811	5.116	ug/l #	48
38) Carbon Tetrachloride	7.695	117	7155	5.436	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	23781	53.352	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	23781	131.763	ug/l #	16

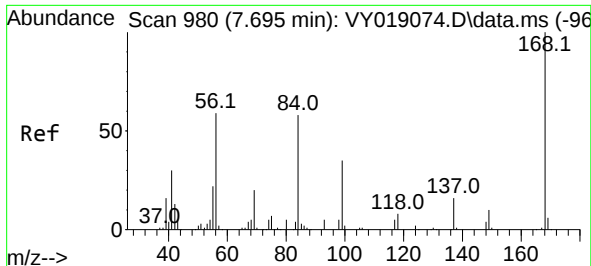
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019100.D
Acq On : 16 Aug 2024 17:57
Operator : SY/MD
Sample : P3512-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 17 00:08:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

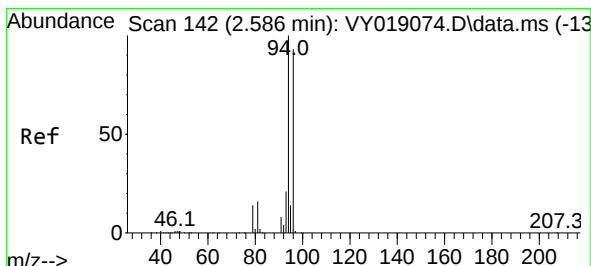
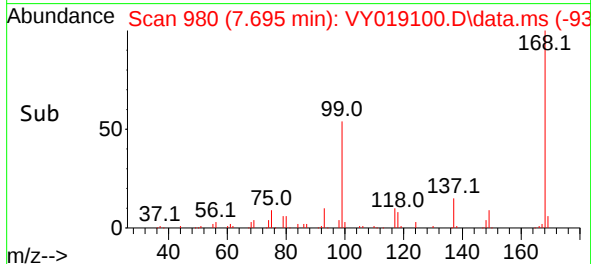
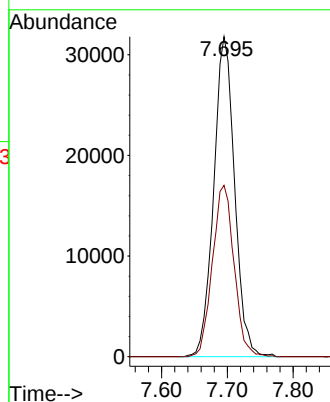
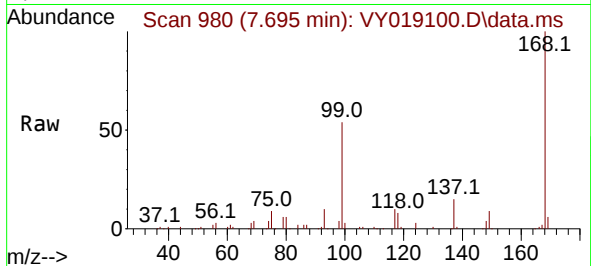




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

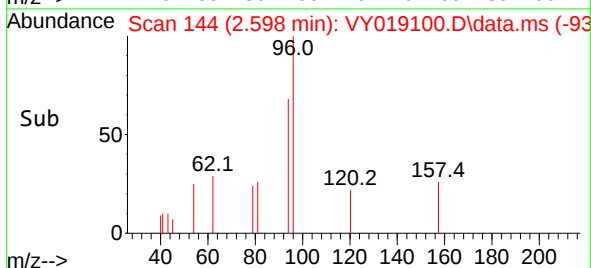
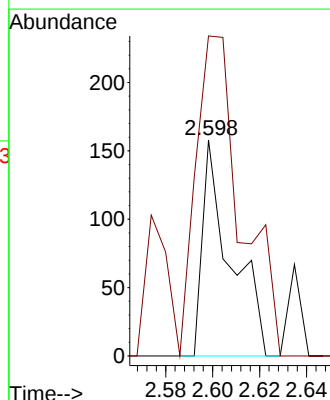
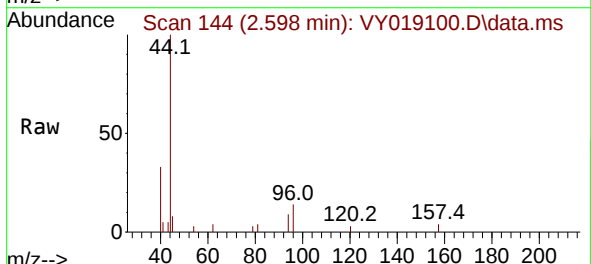
Instrument :
MSVOA_Y
ClientSampleId :

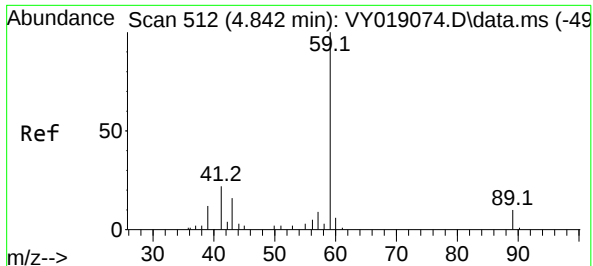
Tgt Ion:168 Resp: 70369
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 148.1 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Instrument :

MSVOA_Y

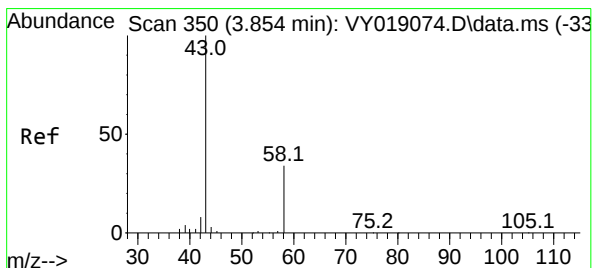
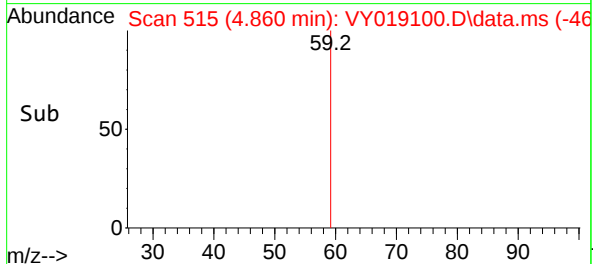
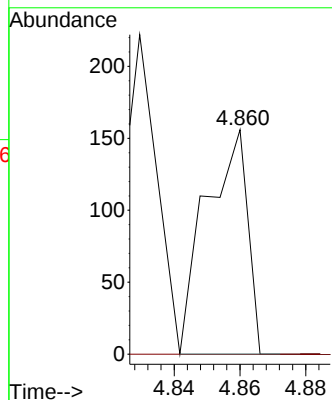
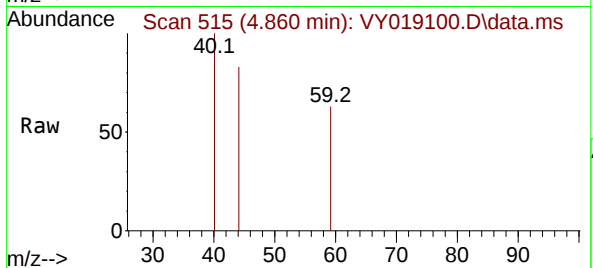
ClientSampleId :

Tgt Ion: 59 Resp: 137

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 4.342 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019100.D

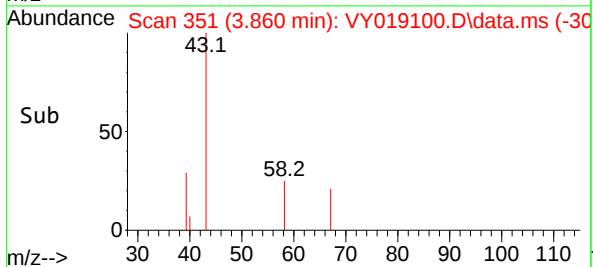
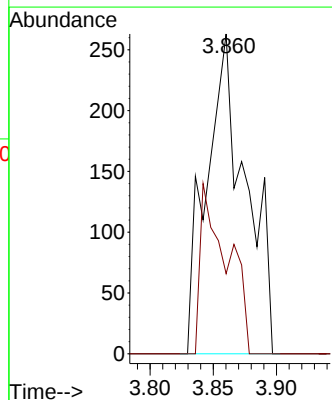
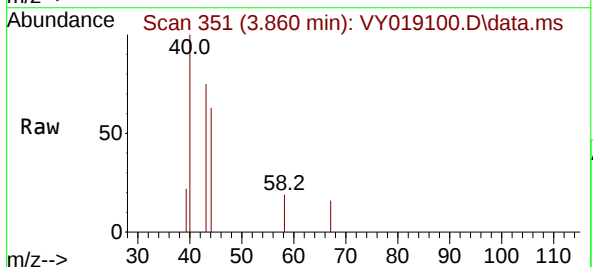
Acq: 16 Aug 2024 17:57

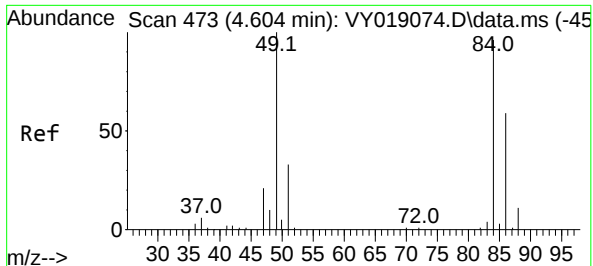
Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

58 25.1 31.7 47.5#





#20

Methylene Chloride

Concen: 1.912 ug/l

RT: 4.592 min Scan# 41

Delta R.T. -0.012 min

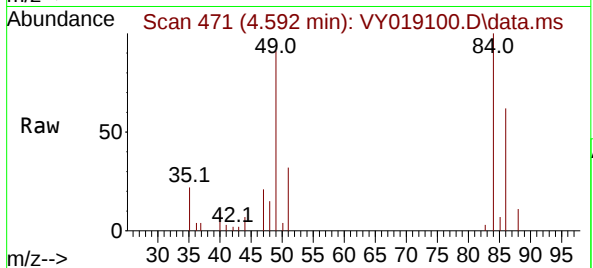
Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9544

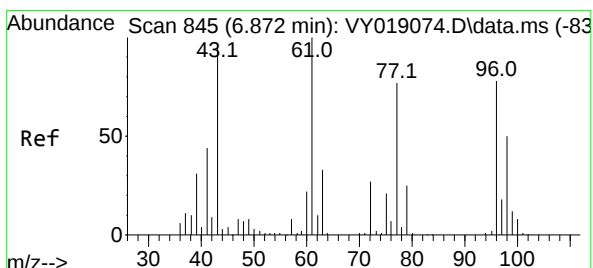
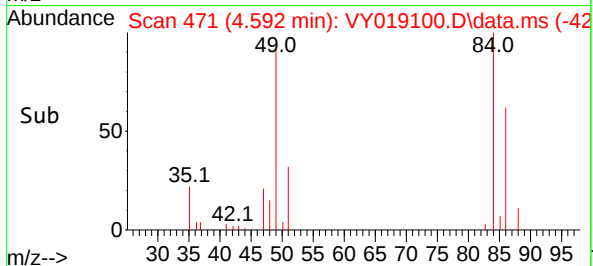
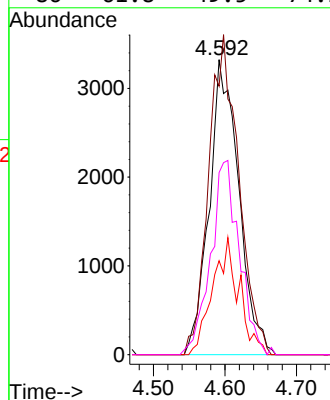
Ion Ratio Lower Upper

84 100

49 91.0 84.4 126.6

51 31.9 26.0 39.0

86 61.8 49.5 74.3



#25

2-Butanone

Concen: 1.927 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019100.D

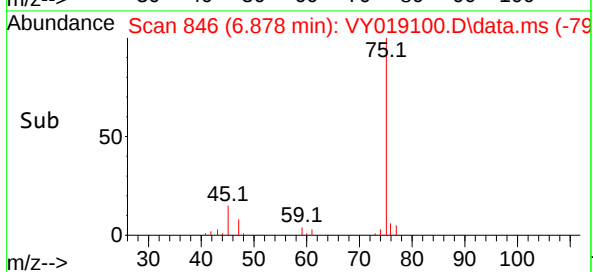
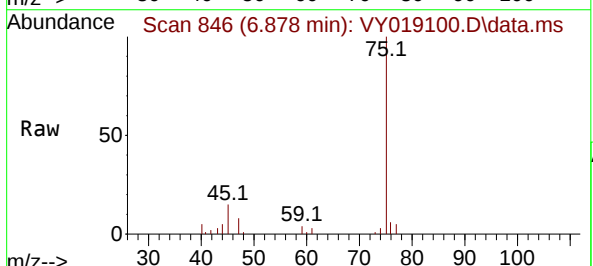
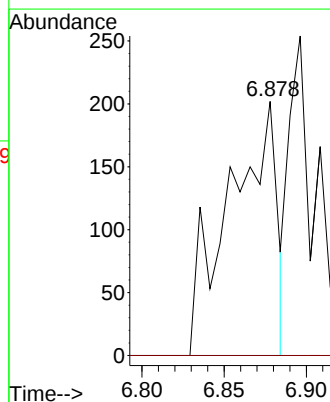
Acq: 16 Aug 2024 17:57

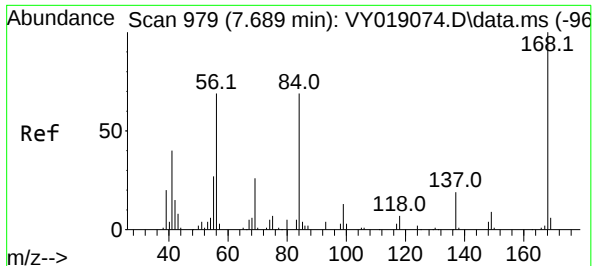
Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

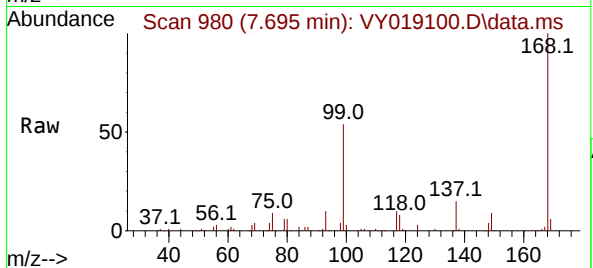
72 0.0 27.3 40.9#



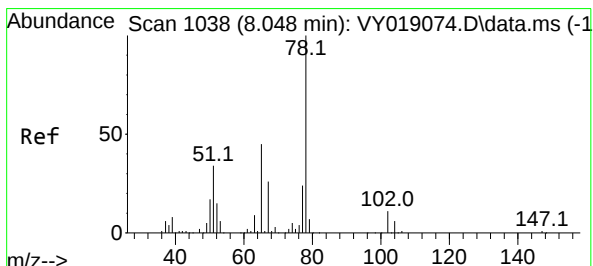
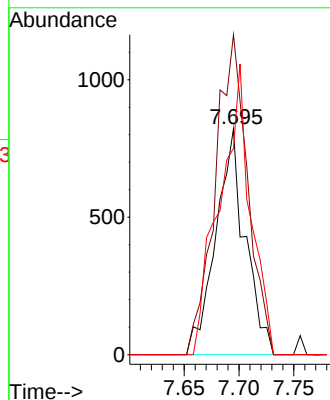
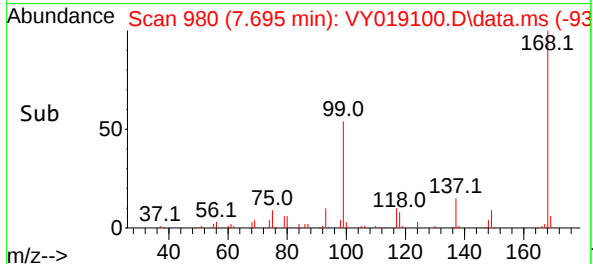


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

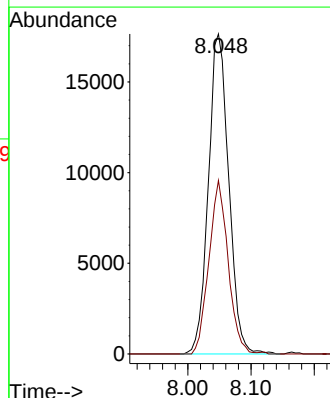
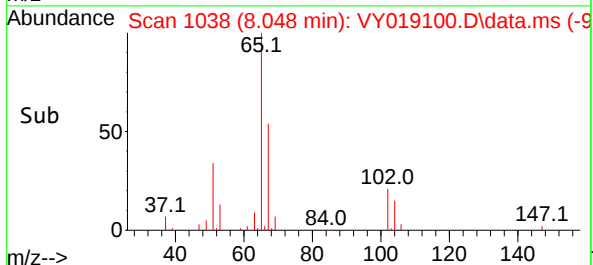
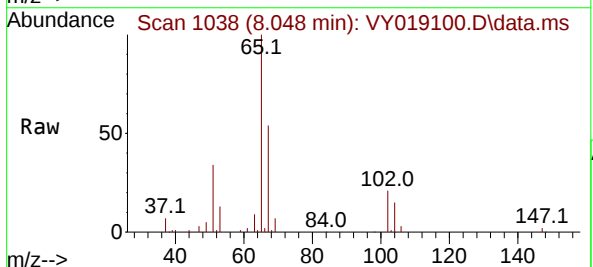


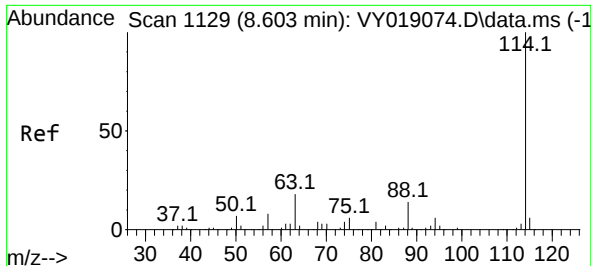
Tgt Ion: 56 Resp: 1531
Ion Ratio Lower Upper
56 100
69 141.6 28.7 43.1#
84 91.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.949 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Tgt Ion: 65 Resp: 39466
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

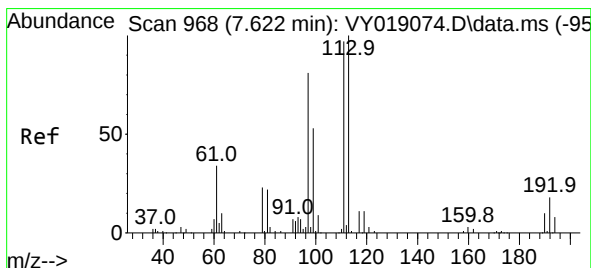
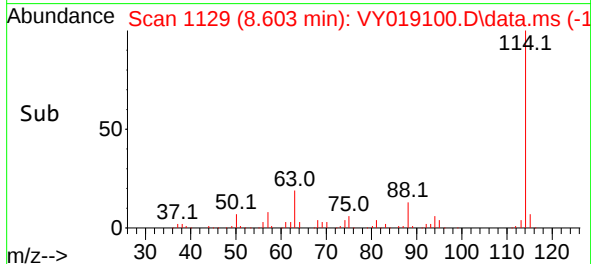
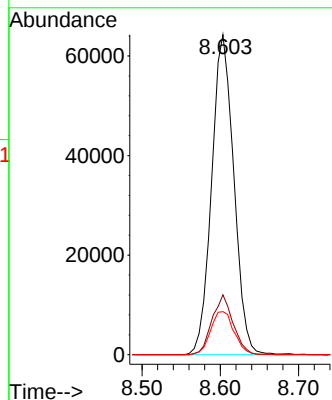
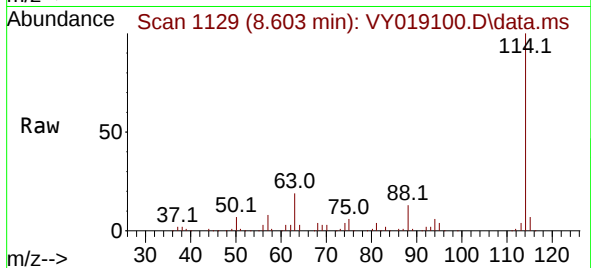
Tgt Ion:114 Resp: 126502

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.928 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

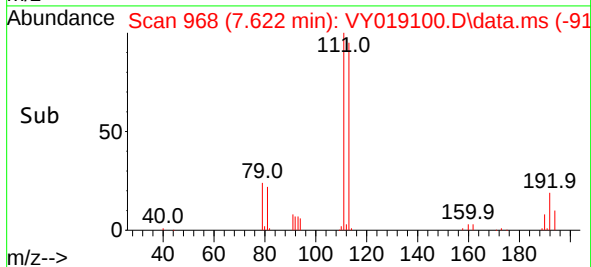
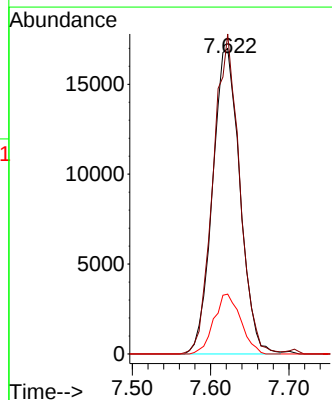
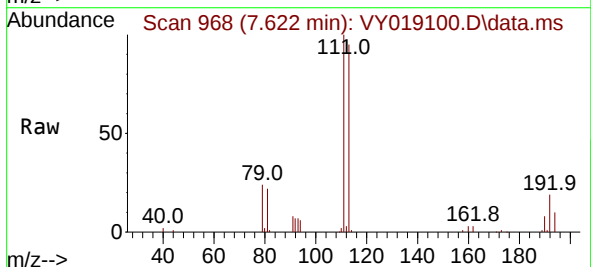
Tgt Ion:113 Resp: 41298

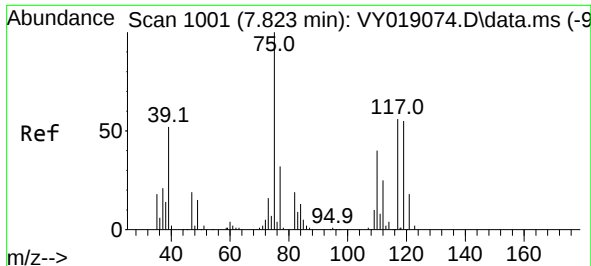
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

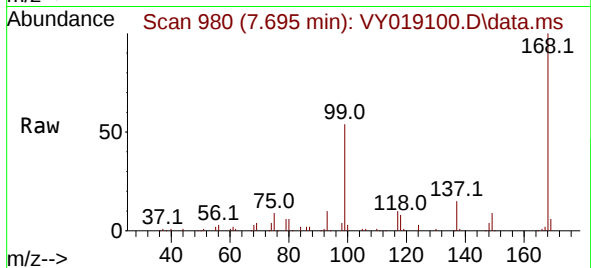
192 19.1 15.9 23.9



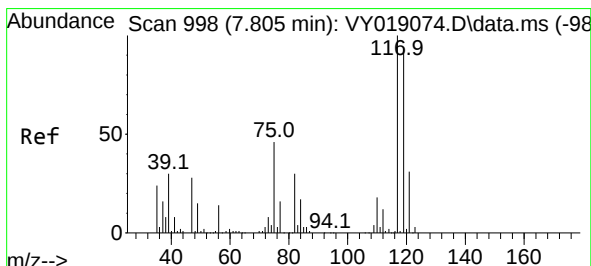
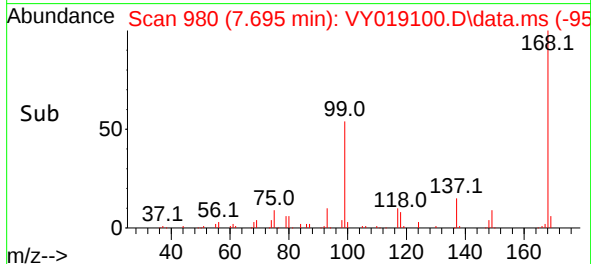
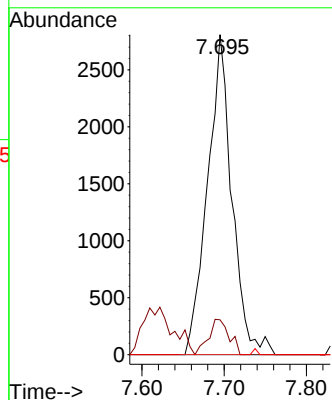


#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

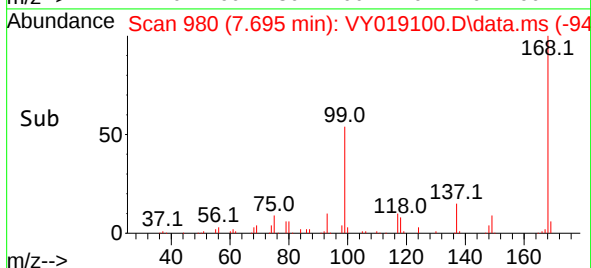
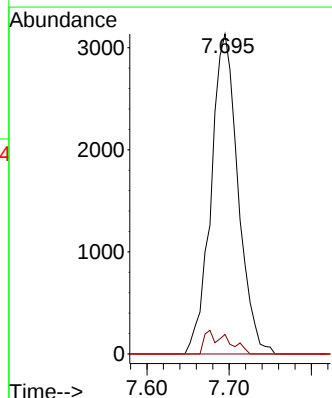
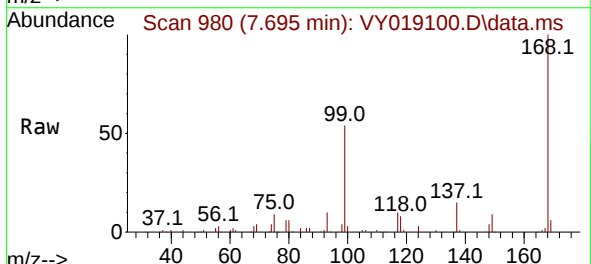


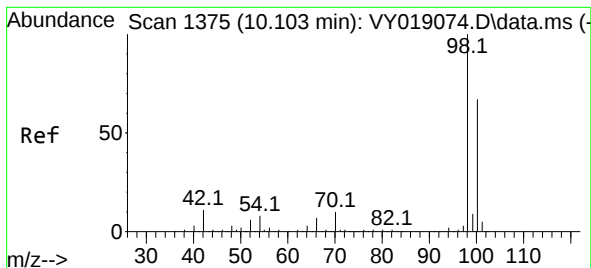
Tgt Ion: 75 Resp: 5811
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Tgt Ion: 117 Resp: 7155
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#

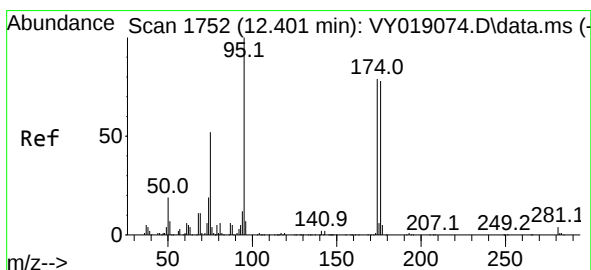
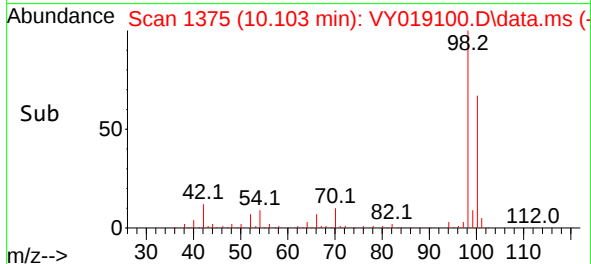
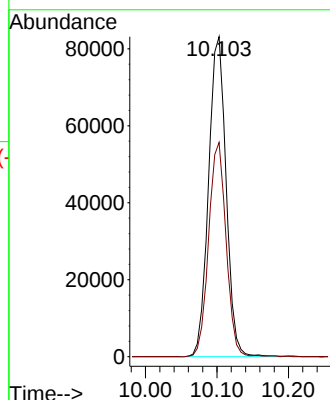
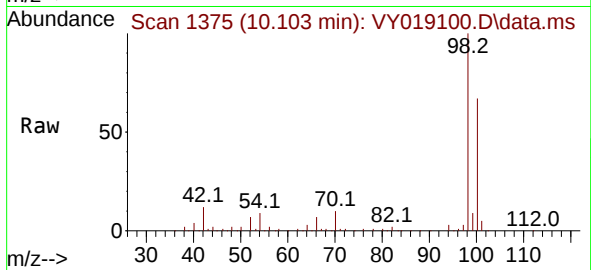




#50
Toluene-d8
Concen: 47.588 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

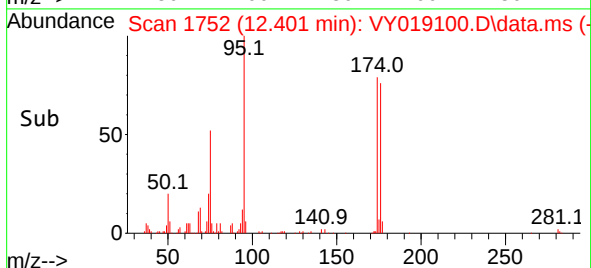
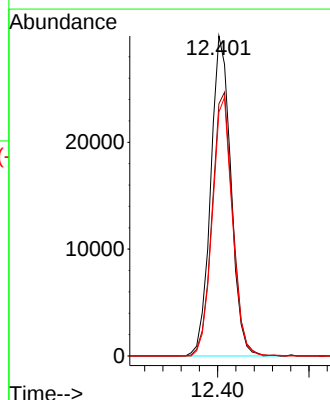
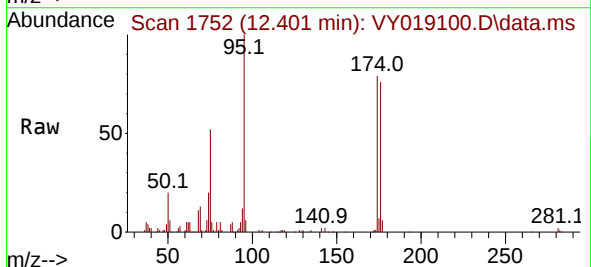
Instrument :
MSVOA_Y
ClientSampleId :

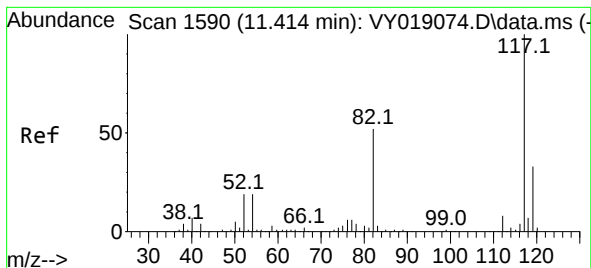
Tgt Ion: 98 Resp: 141652
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.186 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019100.D
Acq: 16 Aug 2024 17:57

Tgt Ion: 95 Resp: 45851
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 80.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

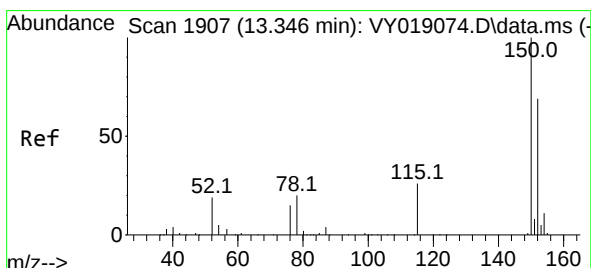
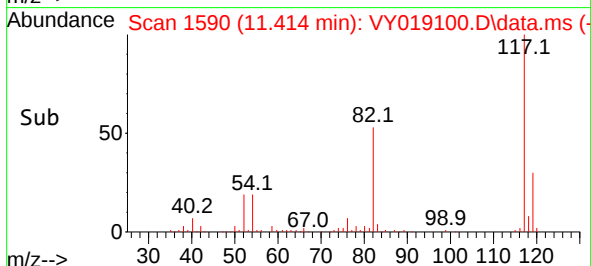
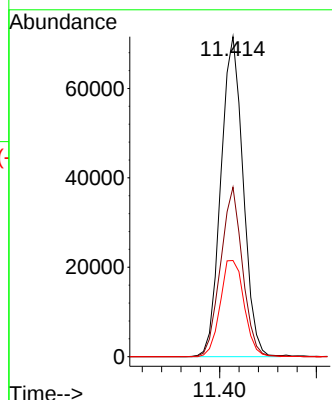
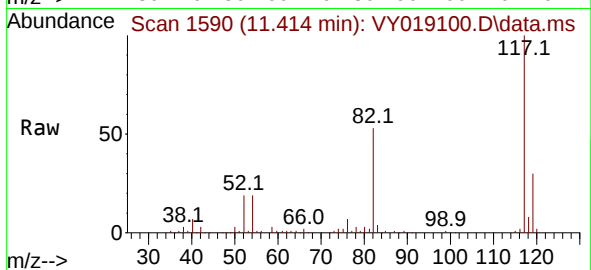
Tgt Ion:117 Resp: 113998

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 30.0 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: VY019100.D

Acq: 16 Aug 2024 17:57

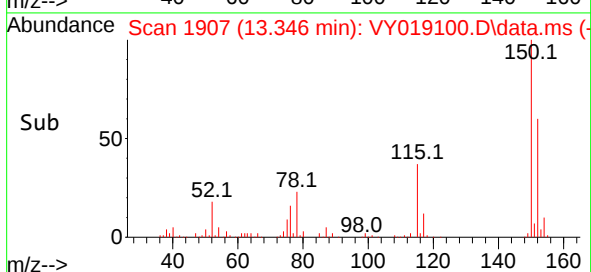
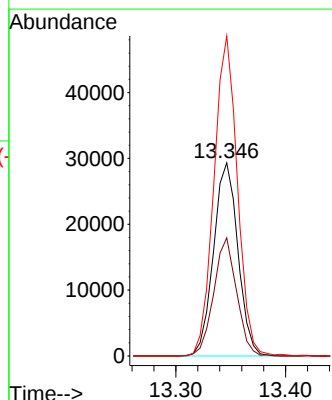
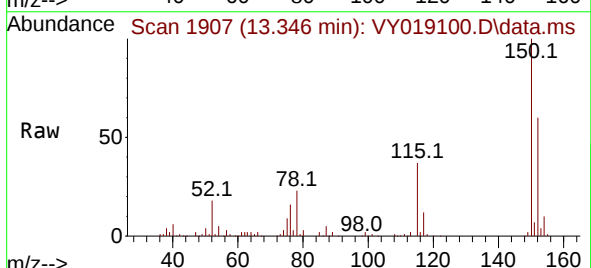
Tgt Ion:152 Resp: 45198

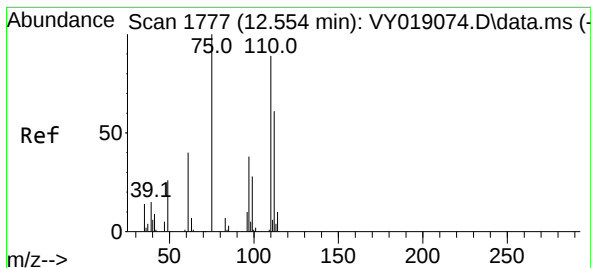
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 159.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 53.352 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Instrument :

MSVOA_Y

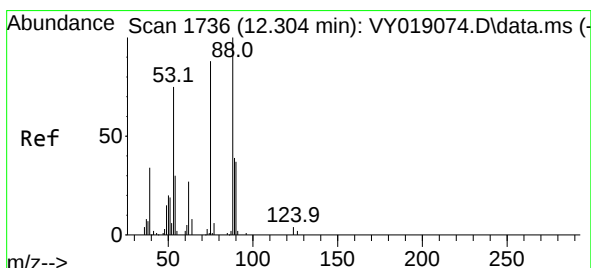
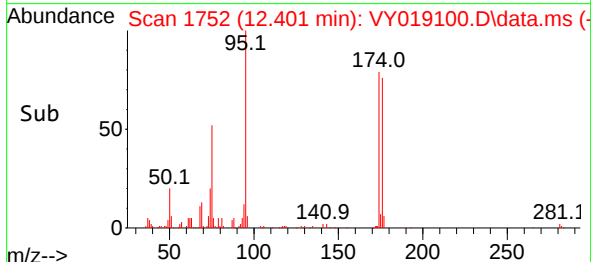
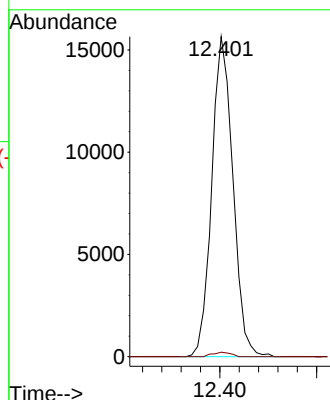
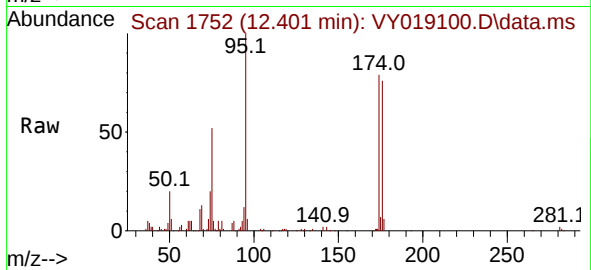
ClientSampleId :

Tgt Ion: 75 Resp: 23781

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.763 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019100.D

Acq: 16 Aug 2024 17:57

Tgt Ion: 75 Resp: 23781

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.2 35.8 53.6#

