

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019317.D
 Acq On : 28 Aug 2024 06:14
 Operator : SY/MD
 Sample : P3663-08
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 07:30:49 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)

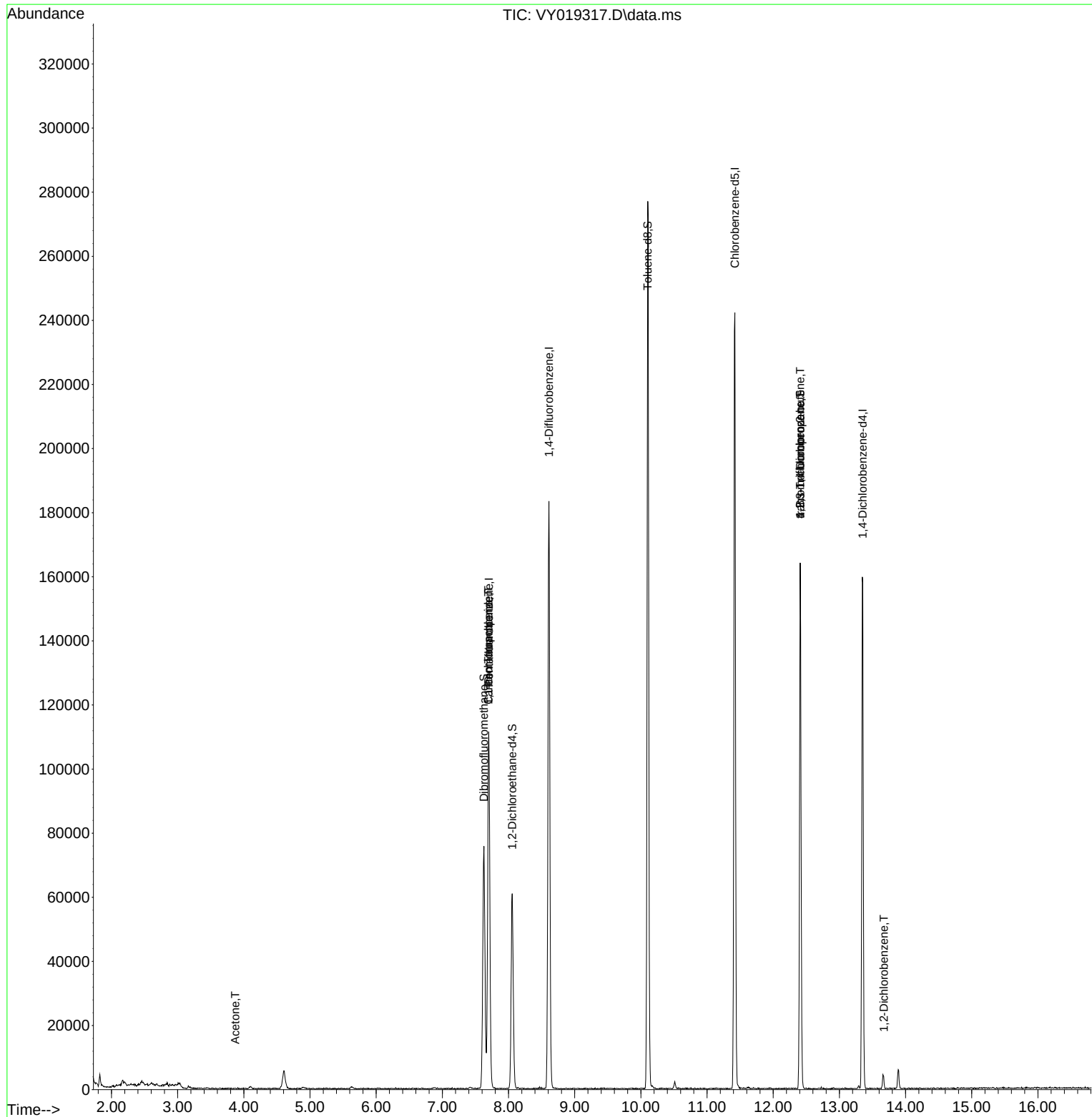
Internal Standards						
1) Pentafluorobenzene	7.701	168	88311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	161403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	41721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	47318	53.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.900%	
35) Dibromofluoromethane	7.628	113	51096	48.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.840%	
50) Toluene-d8	10.103	98	181584	47.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	12.408	95	46629	36.016	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	450	Below Cal	#	45
6) Chloroethane	2.885	64	26	Below Cal	#	42
11) Tert butyl alcohol	4.805	59	24	Below Cal	#	88
16) Acetone	3.873	43	177	1.078	ug/l #	36
20) Methylene Chloride	4.610	84	4218	Below Cal	#	84
31) Cyclohexane	7.695	56	1952	Below Cal	#	44
36) 1,1-Dichloropropene	7.695	75	6266	4.324	ug/l #	49
38) Carbon Tetrachloride	7.695	117	8861	5.276	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	24583	59.748	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	24583	147.558	ug/l #	16
91) 1,2-Dichlorobenzene	13.670	146	1924	1.444	ug/l	99

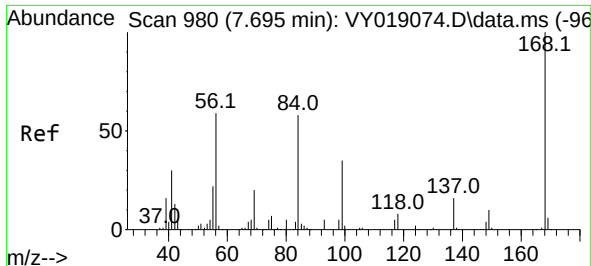
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
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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

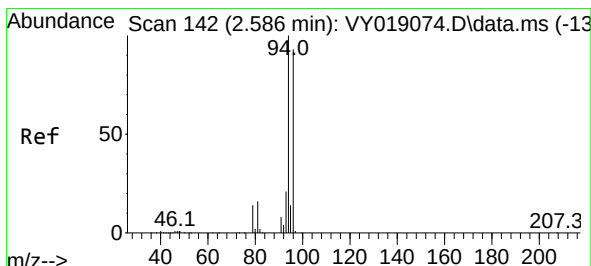
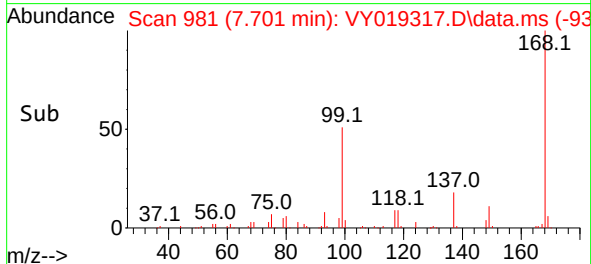
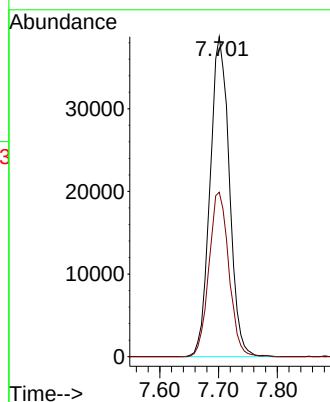
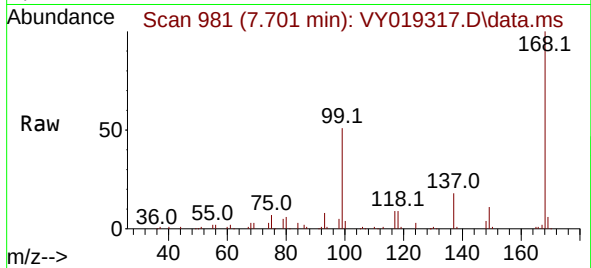




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

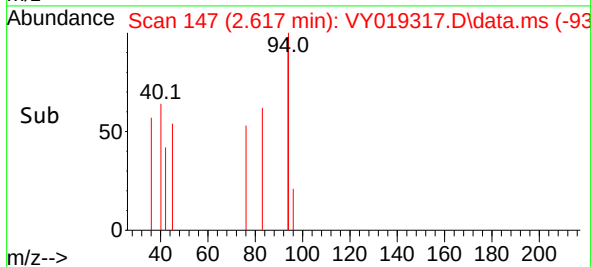
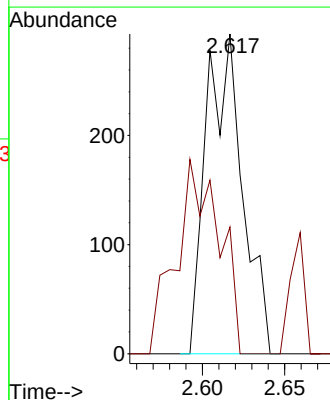
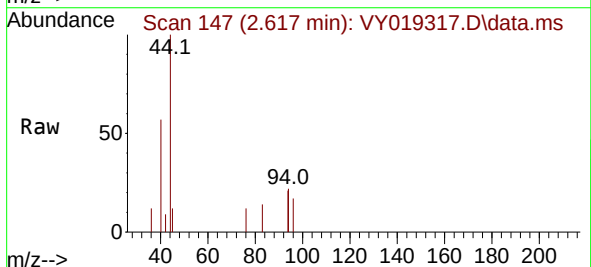
Instrument :
MSVOA_Y
ClientSampleId :

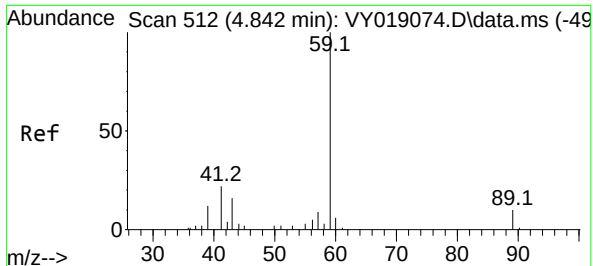
Tgt Ion:168 Resp: 88311
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.617 min Scan# 147
Delta R.T. 0.031 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 39.6 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.805 min Scan# 506

Delta R.T. -0.037 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

Instrument :

MSVOA_Y

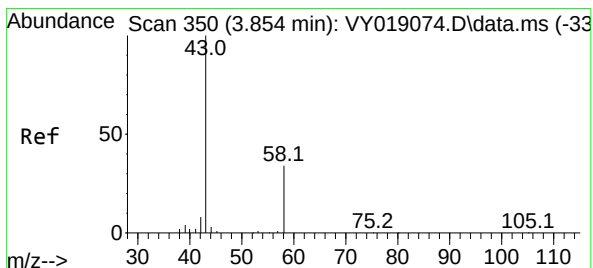
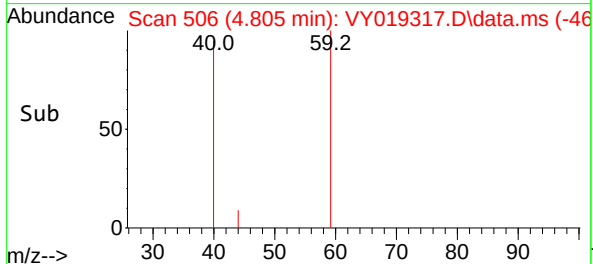
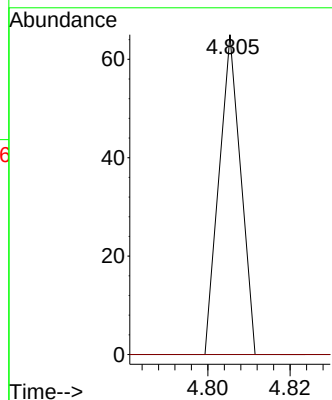
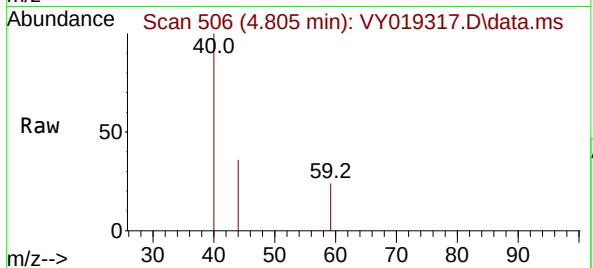
ClientSampleId :

Tgt Ion: 59 Resp: 24

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.078 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.019 min

Lab File: VY019317.D

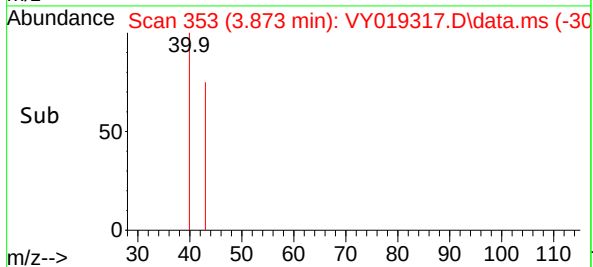
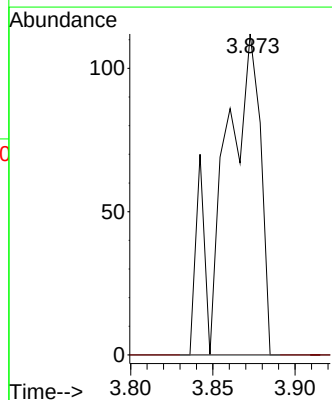
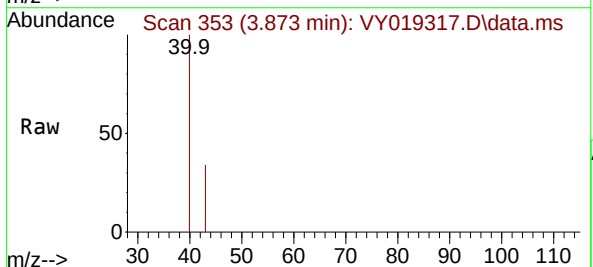
Acq: 28 Aug 2024 06:14

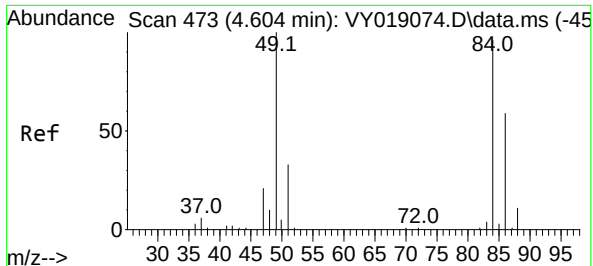
Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

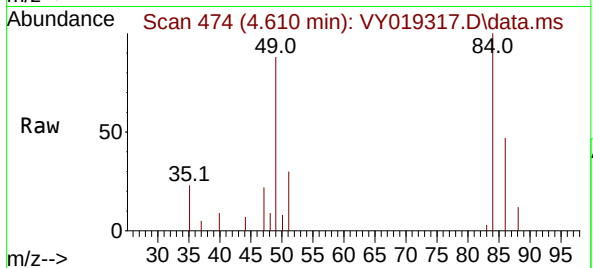
58 0.0 31.7 47.5#



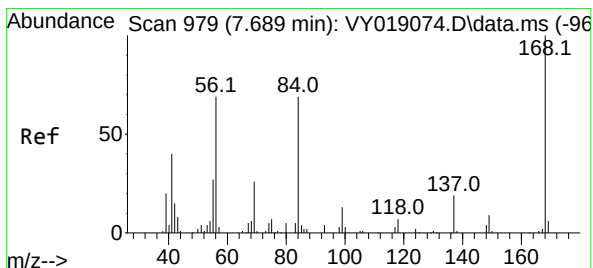
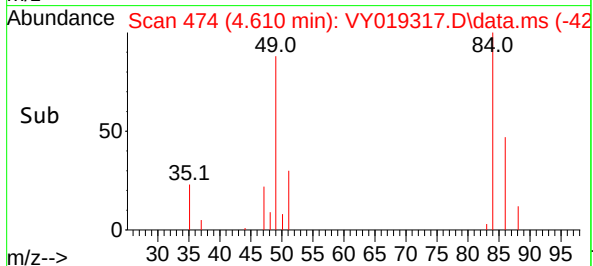
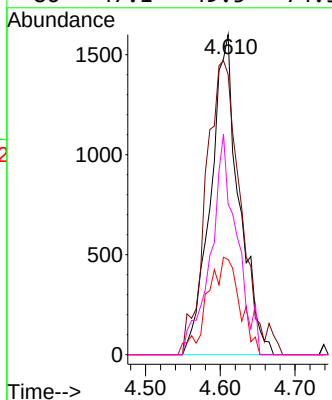


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Instrument :
MSVOA_Y
ClientSampleId :

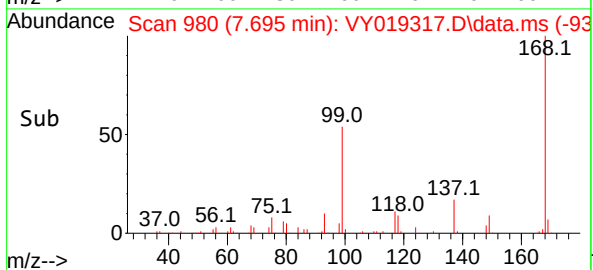
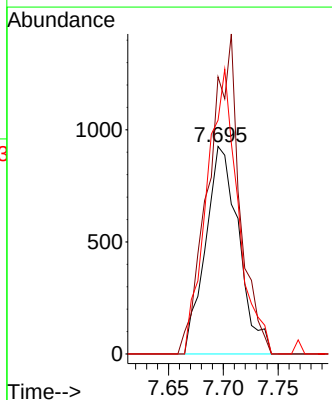
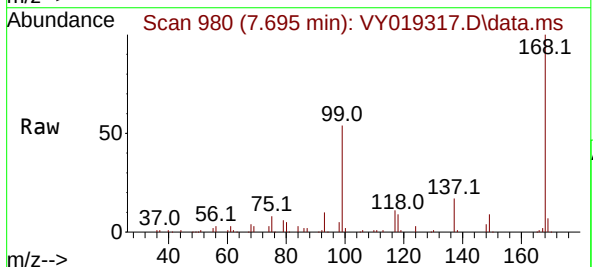


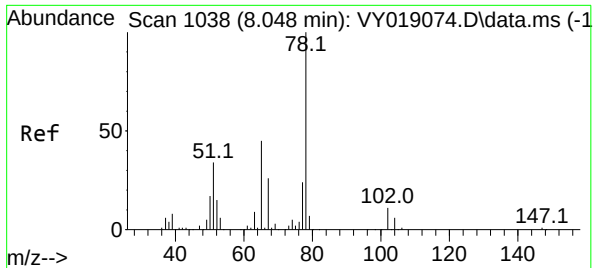
Tgt Ion:	84	Resp:	4218
Ion	Ratio	Lower	Upper
84	100		
49	87.6	84.4	126.6
51	29.8	26.0	39.0
86	47.1	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion:	56	Resp:	1952
Ion	Ratio	Lower	Upper
56	100		
69	133.6	28.7	43.1
84	112.6	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 53.452 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

Instrument :

MSVOA_Y

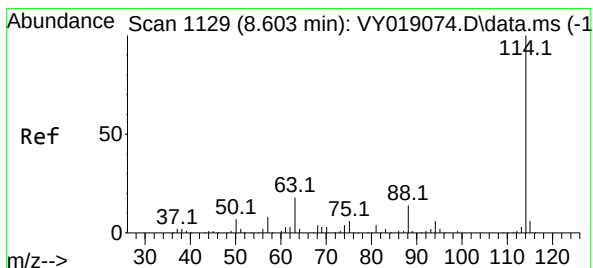
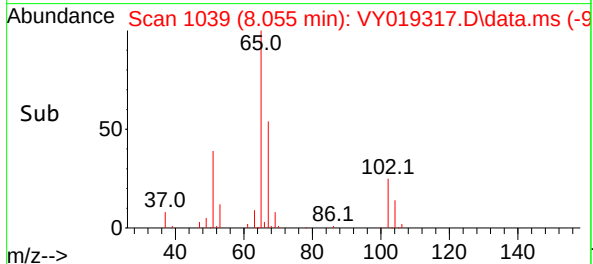
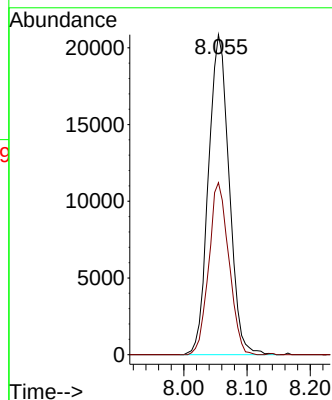
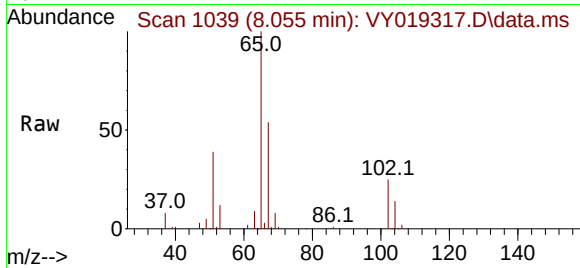
ClientSampleId :

Tgt Ion: 65 Resp: 47318

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

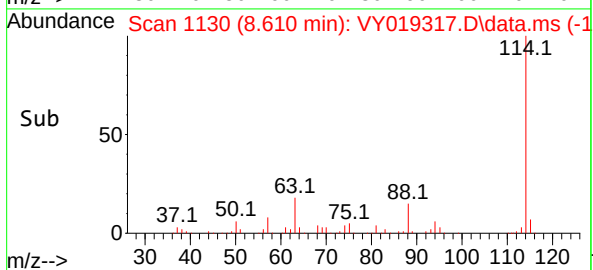
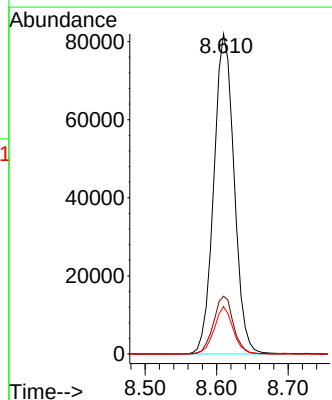
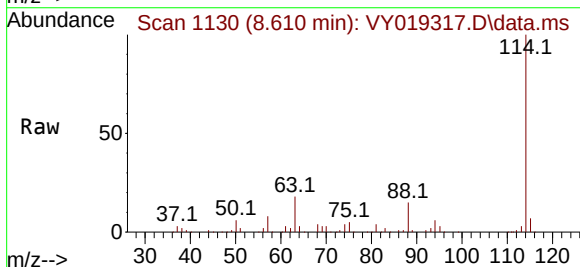
Tgt Ion: 114 Resp: 161403

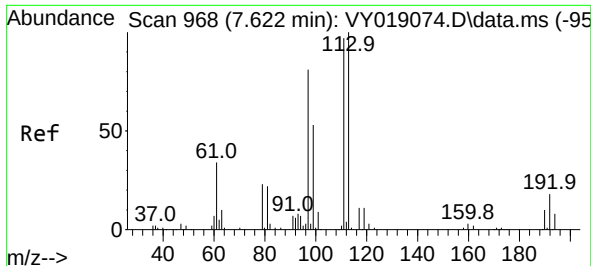
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

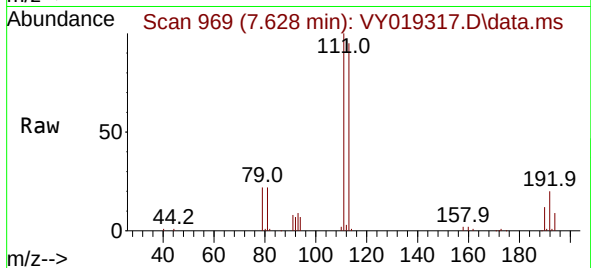
88 14.8 0.0 27.2



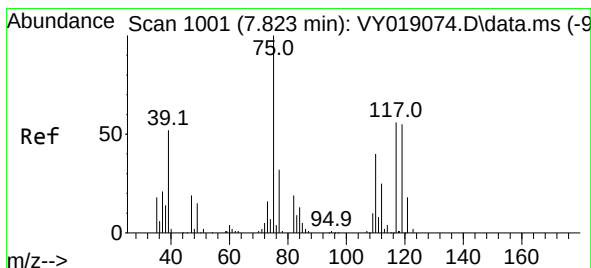
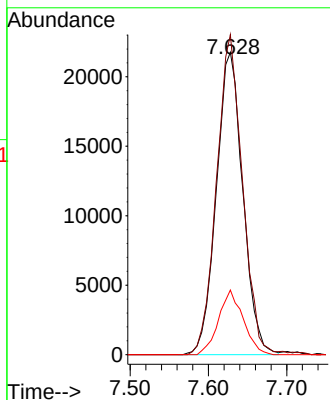
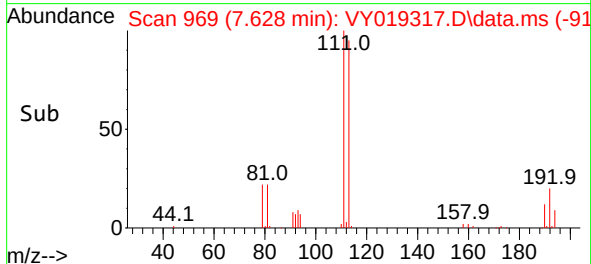


#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 7.628 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Instrument :
MSVOA_Y
ClientSampleId :

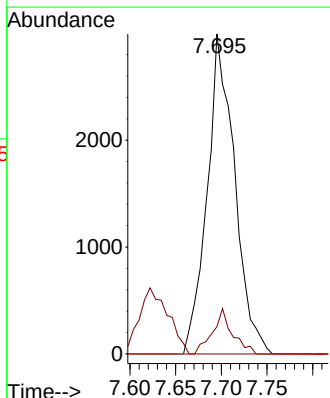
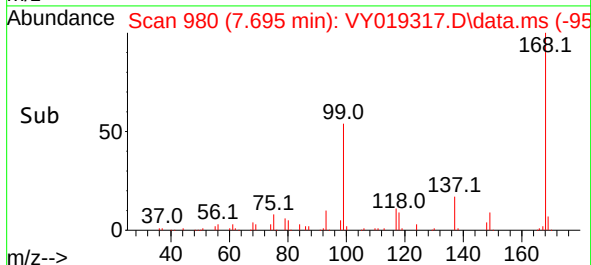
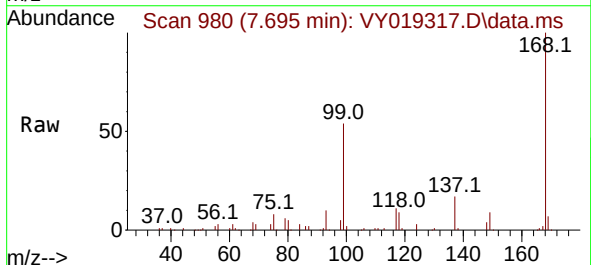


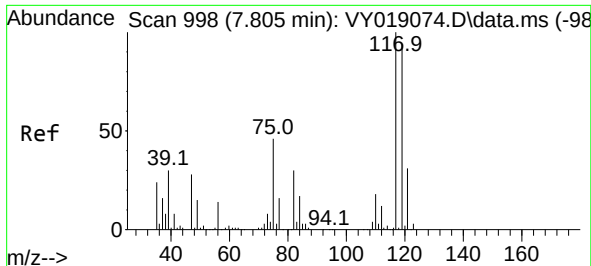
Tgt Ion:113 Resp: 51096
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

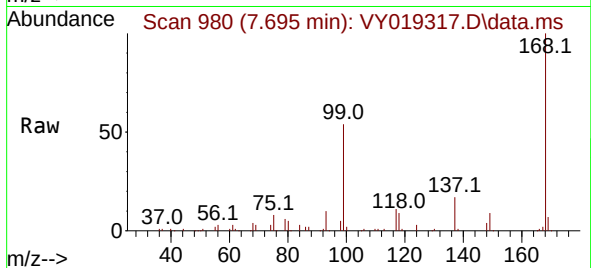
Tgt Ion: 75 Resp: 6266
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



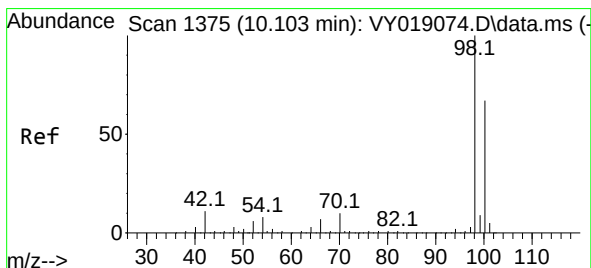
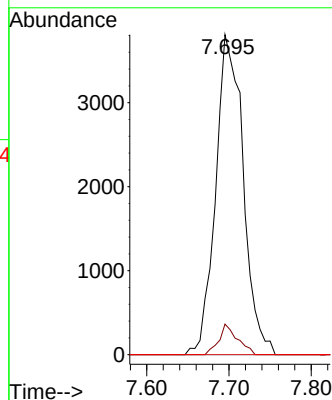
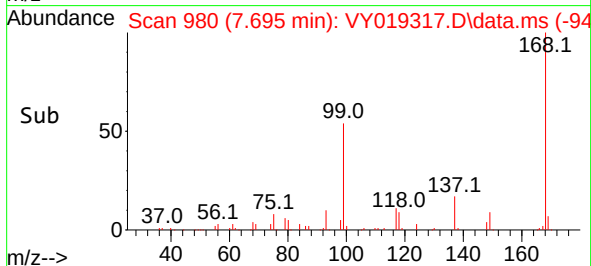


#38
Carbon Tetrachloride
Concen: 5.276 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Instrument :
MSVOA_Y
ClientSampleId :

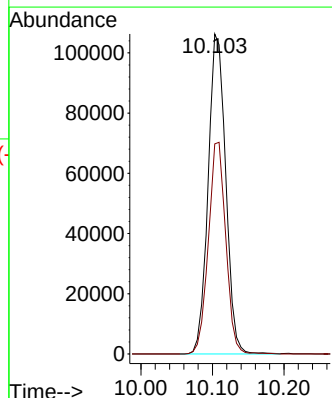
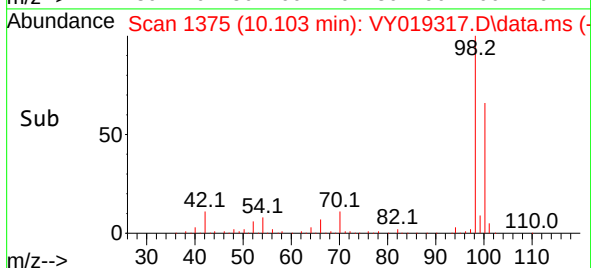
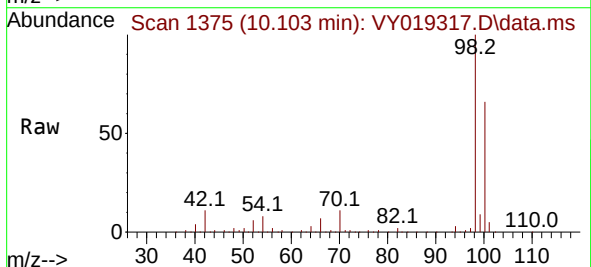


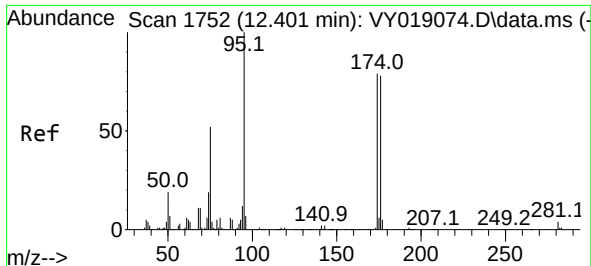
Tgt Ion:117 Resp: 8861
Ion Ratio Lower Upper
117 100
119 9.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.812 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion: 98 Resp: 181584
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 36.016 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

Instrument :

MSVOA_Y

ClientSampleId :

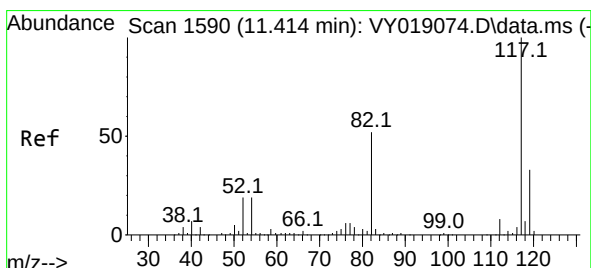
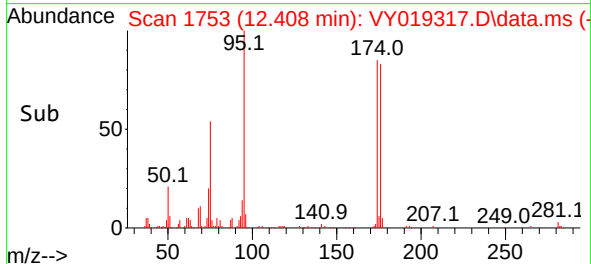
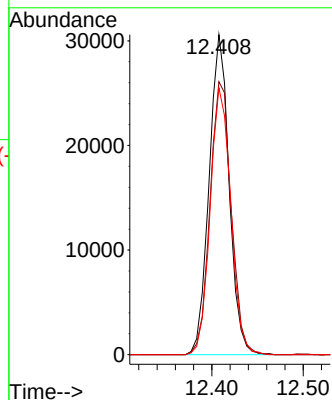
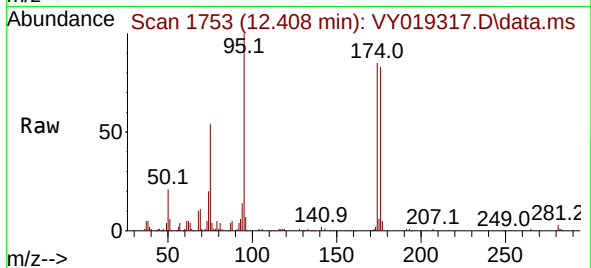
Tgt Ion: 95 Resp: 46629

Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.6

176 86.0 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: VY019317.D

Acq: 28 Aug 2024 06:14

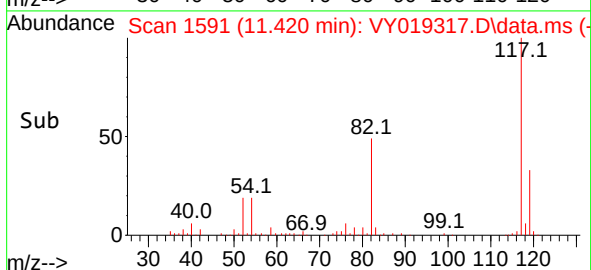
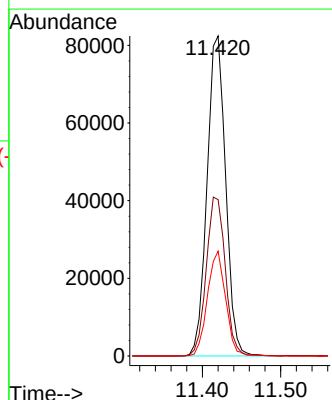
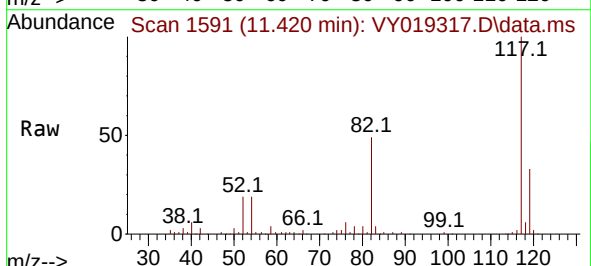
Tgt Ion: 117 Resp: 135742

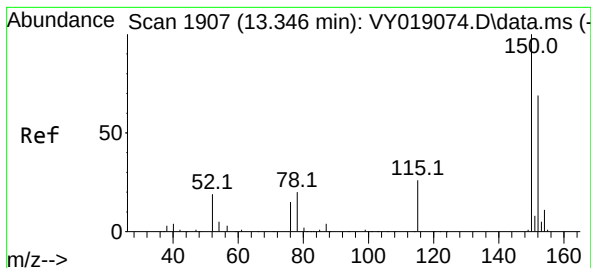
Ion Ratio Lower Upper

117 100

82 48.9 42.4 63.6

119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

Instrument :

MSVOA_Y

ClientSampleId :

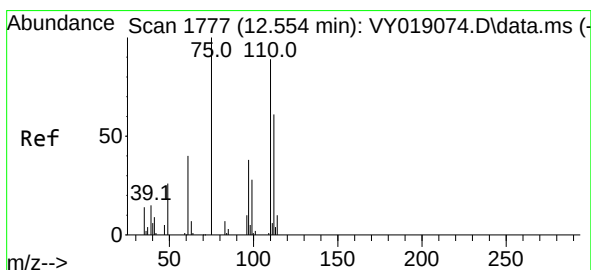
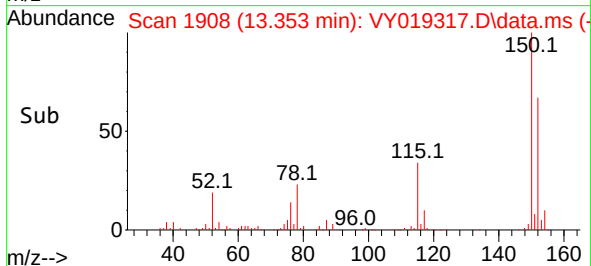
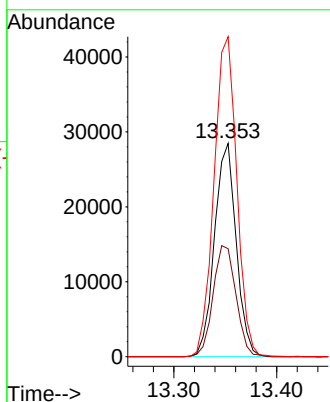
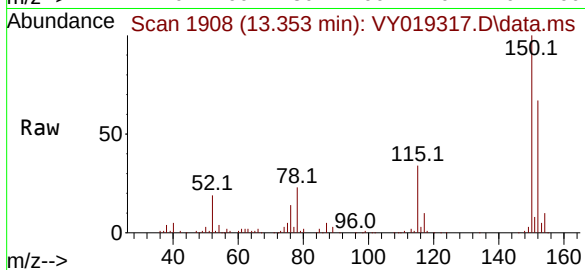
Tgt Ion:152 Resp: 41721

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 157.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.748 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019317.D

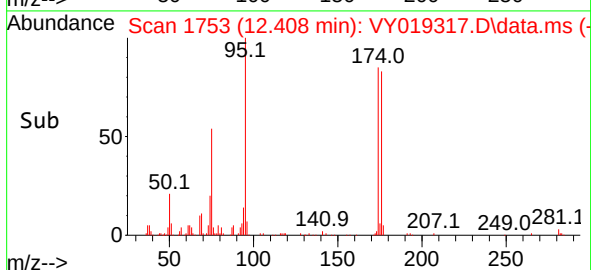
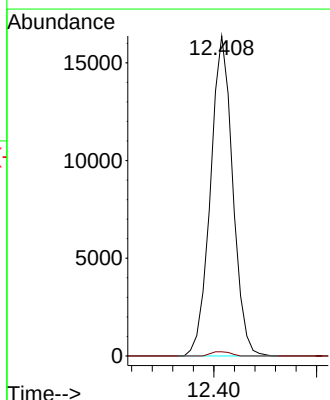
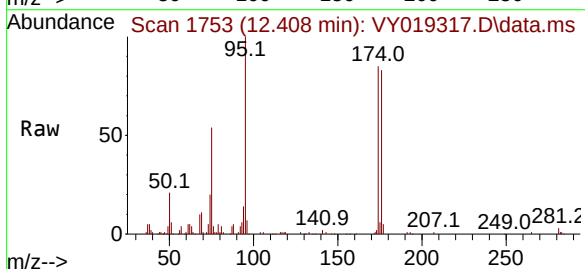
Acq: 28 Aug 2024 06:14

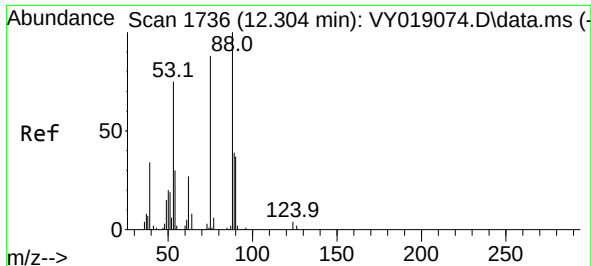
Tgt Ion: 75 Resp: 24583

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

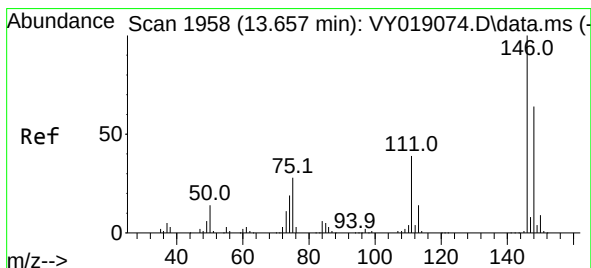
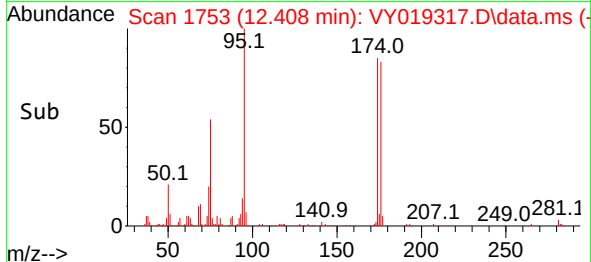
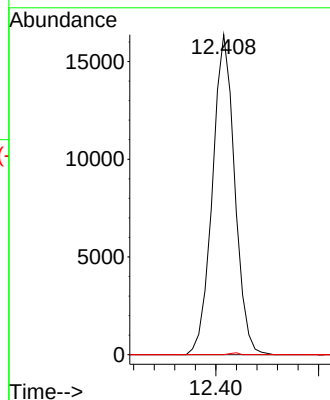
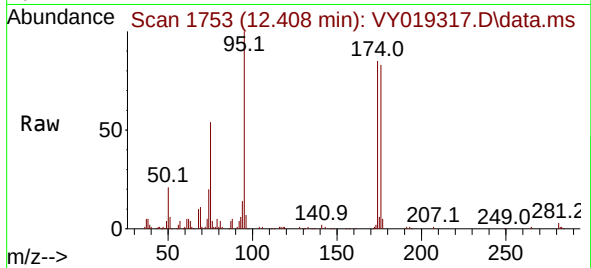




#81
trans-1,4-Dichloro-2-butene
Concen: 147.558 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24583
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#91
1,2-Dichlorobenzene
Concen: 1.444 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.013 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion:146 Resp: 1924
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.7
148 63.4 31.8 95.4

