

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019092.D
 Acq On : 16 Aug 2024 14:36
 Operator : SY/MD
 Sample : P3615-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 23:14:16 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)

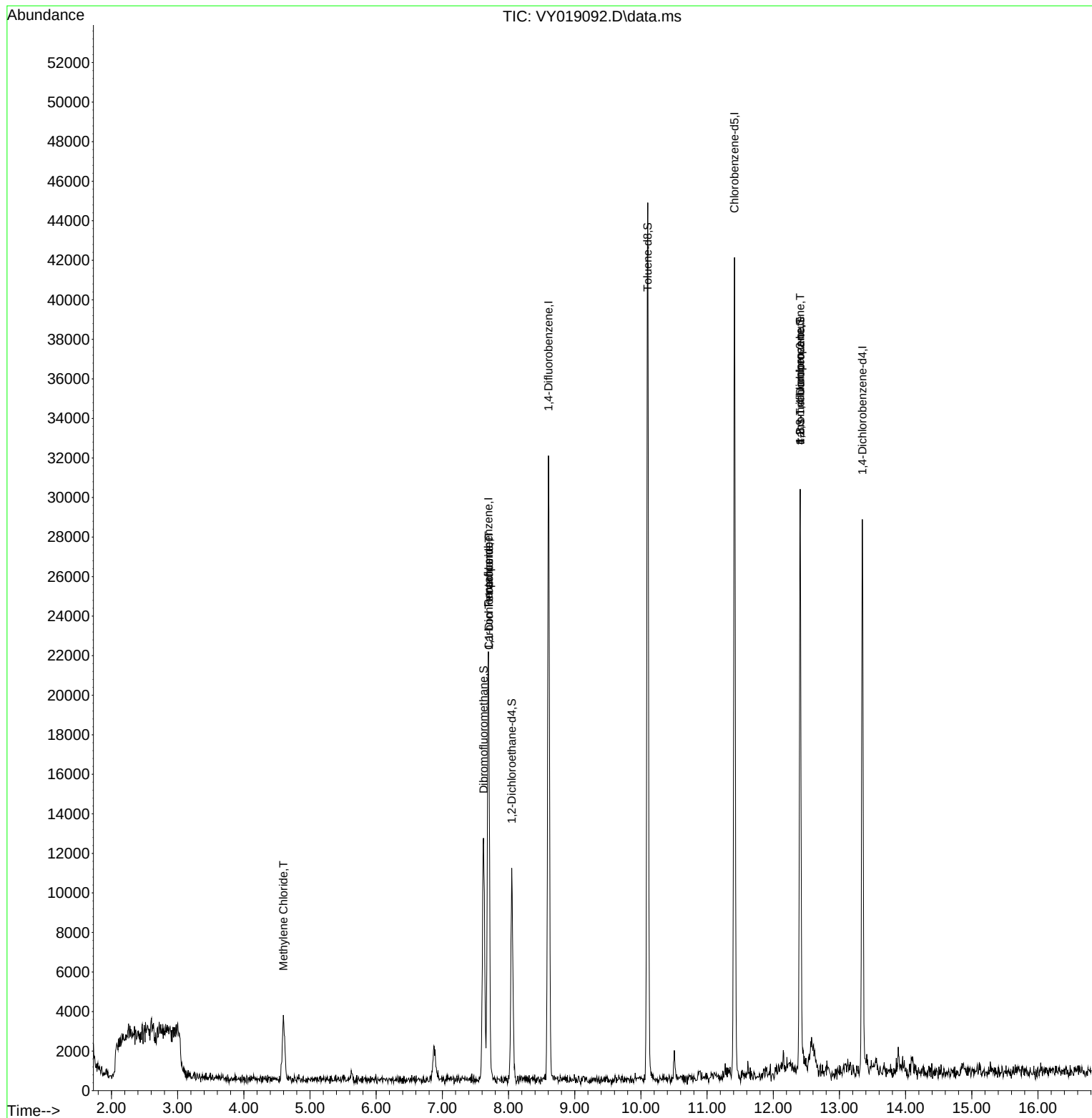
Internal Standards						
1) Pentafluorobenzene	7.695	168	16672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	28166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	7208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7723	46.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.420%
35) Dibromofluoromethane	7.622	113	8724	47.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.103	98	28914	43.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.260%
62) 4-Bromofluorobenzene	12.408	95	8075	35.741	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.480%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	361	Below Cal	#	3
11) Tert butyl alcohol	4.830	59	79	Below Cal	#	88
20) Methylene Chloride	4.598	84	2259	1.897	ug/l #	86
31) Cyclohexane	7.677	56	421	Below Cal	#	53
36) 1,1-Dichloropropene	7.701	75	1369	5.413	ug/l #	46
38) Carbon Tetrachloride	7.701	117	1598	5.453	ug/l #	19
76) 1,2,3-Trichloropropane	12.408	75	4415	62.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	4415	153.390	ug/l #	16

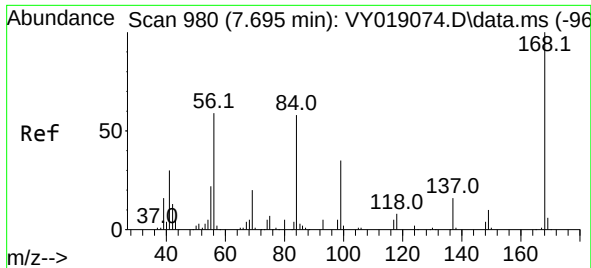
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

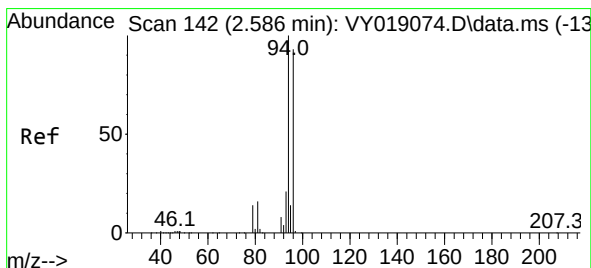
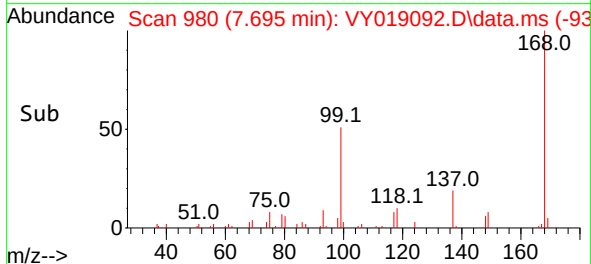
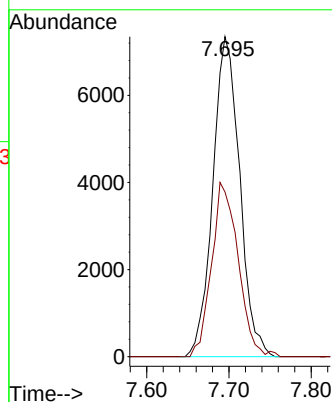
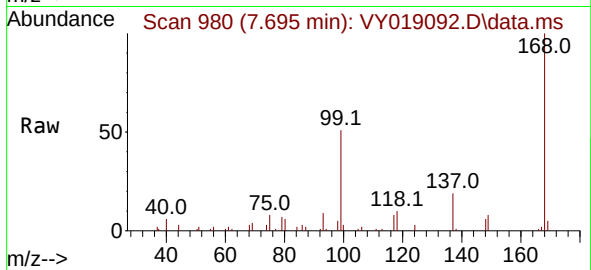




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

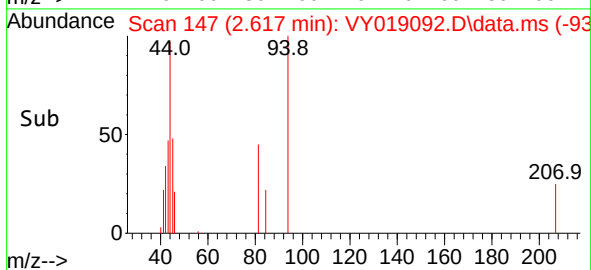
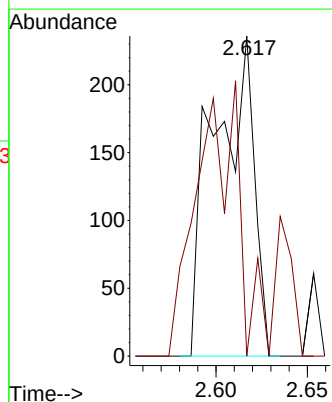
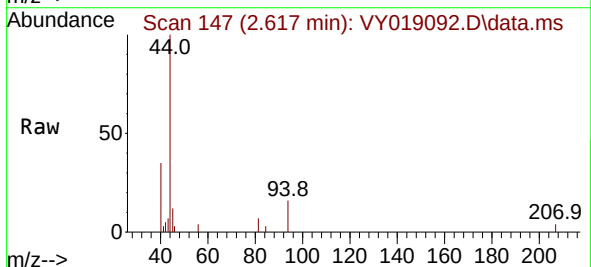
Instrument :
MSVOA_Y
ClientSampleId :

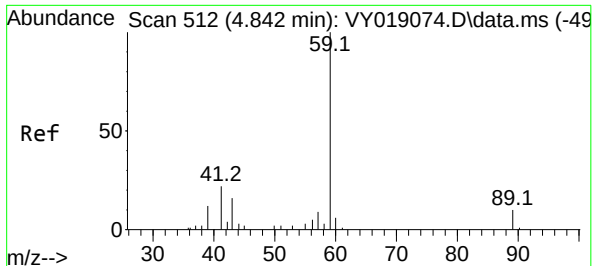
Tgt Ion:168 Resp: 16672
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.617 min Scan# 147
Delta R.T. 0.031 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

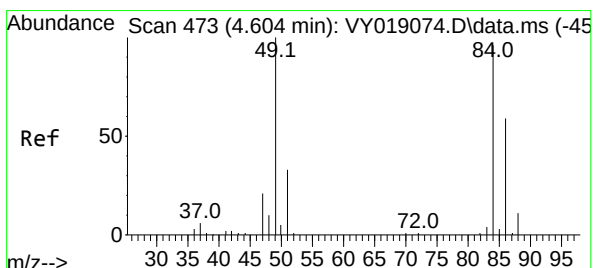
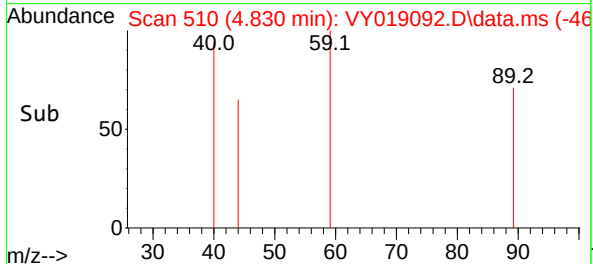
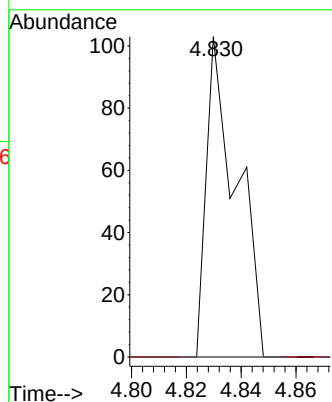
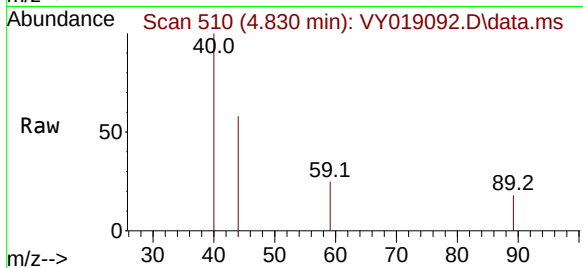
ClientSampleId :

Tgt Ion: 59 Resp: 79

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: 1.897 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Tgt Ion: 84 Resp: 2259

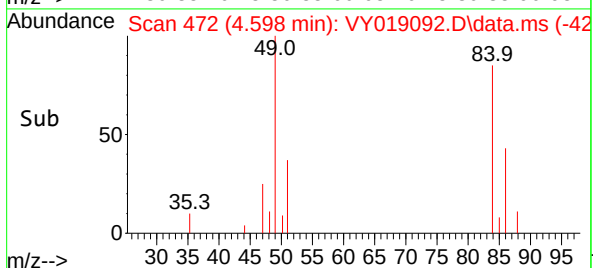
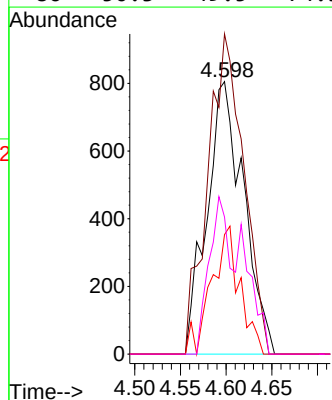
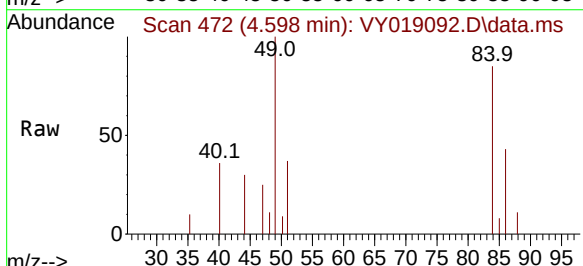
Ion Ratio Lower Upper

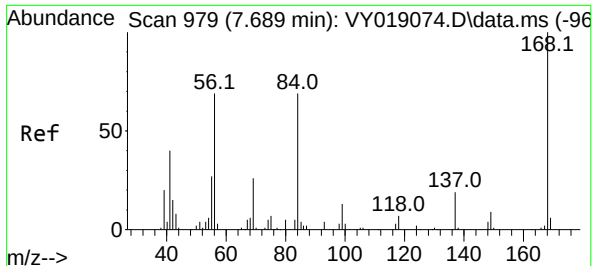
84 100

49 117.5 84.4 126.6

51 43.9 26.0 39.0#

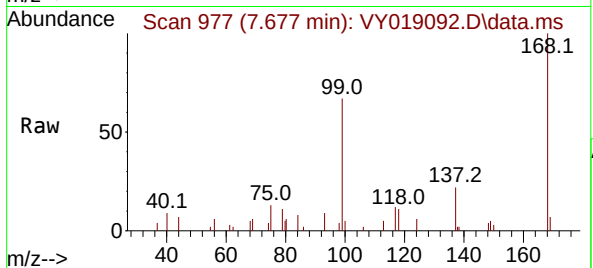
86 50.3 49.5 74.3



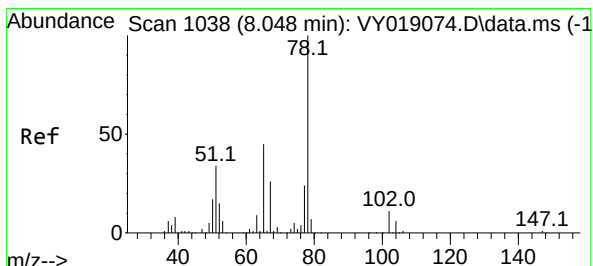
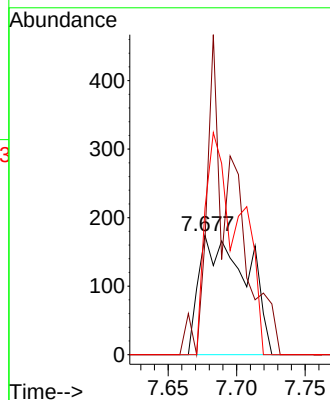
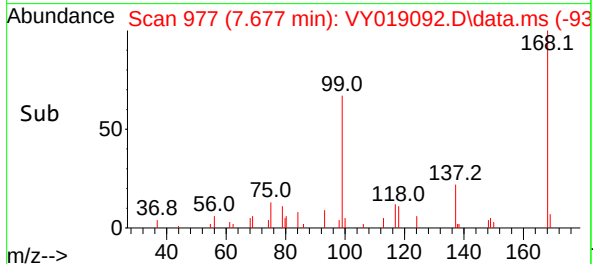


#31
Cyclohexane
Concen: Below Cal
RT: 7.677 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

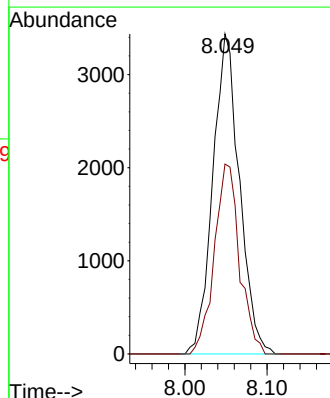
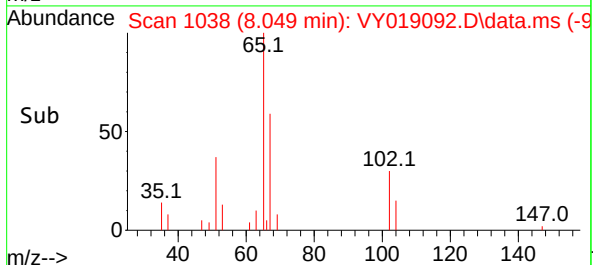
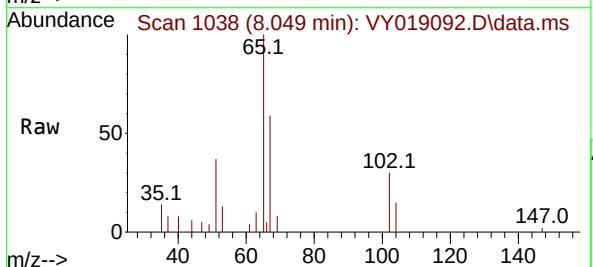


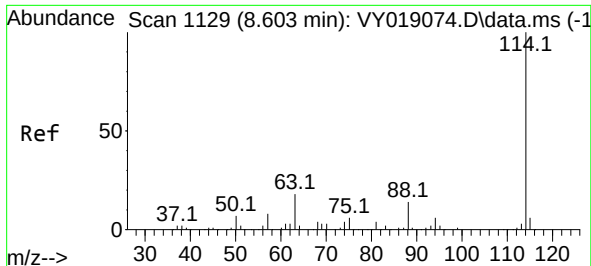
Tgt Ion: 56 Resp: 421
Ion Ratio Lower Upper
56 100
69 96.0 28.7 43.1#
84 123.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 46.211 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion: 65 Resp: 7723
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019092.D

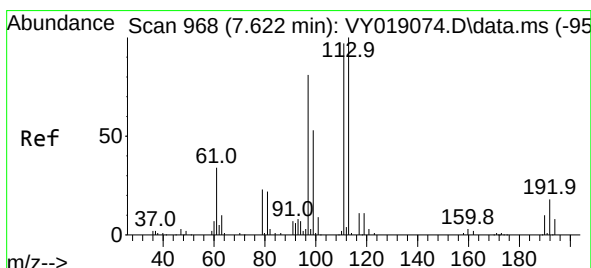
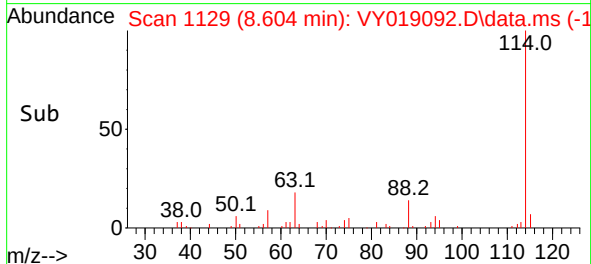
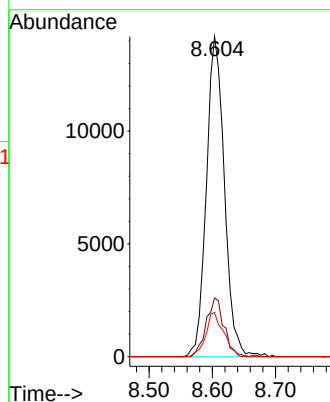
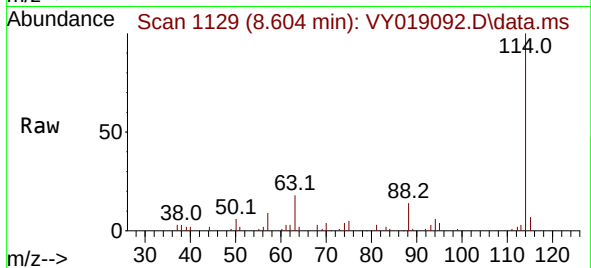
Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	28166
Ion Ratio	Lower	Upper
114	100	
63	18.4	0.0 35.0
88	13.8	0.0 27.2



#35

Dibromofluoromethane

Concen: 47.370 ug/l

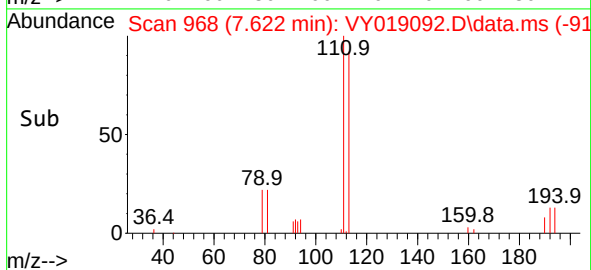
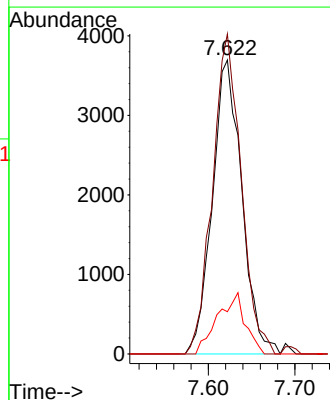
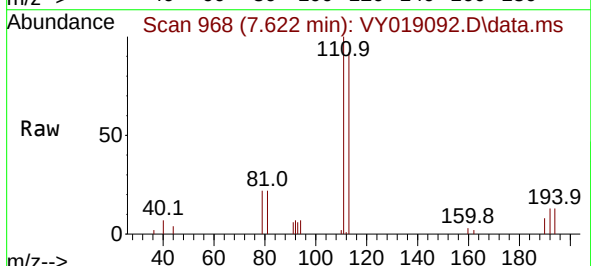
RT: 7.622 min Scan# 968

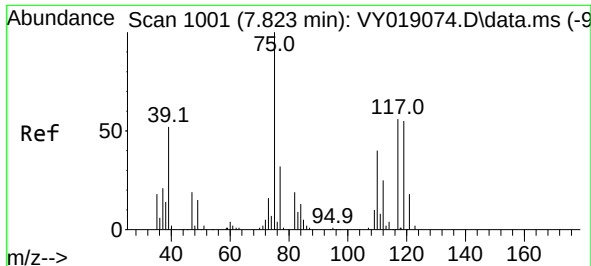
Delta R.T. 0.000 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Tgt Ion:113	Resp:	8724
Ion Ratio	Lower	Upper
113	100	
111	105.9	82.2 123.4
192	19.5	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.413 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

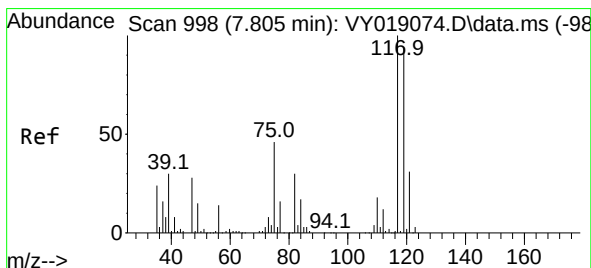
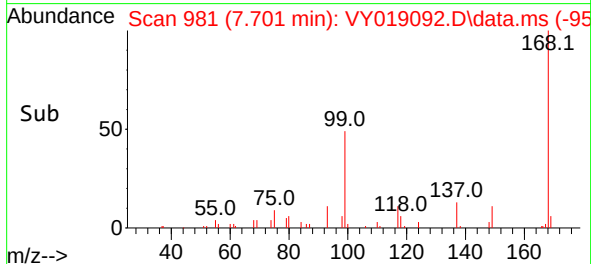
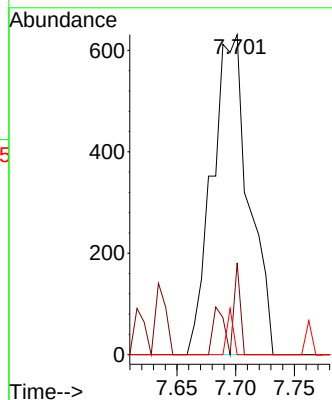
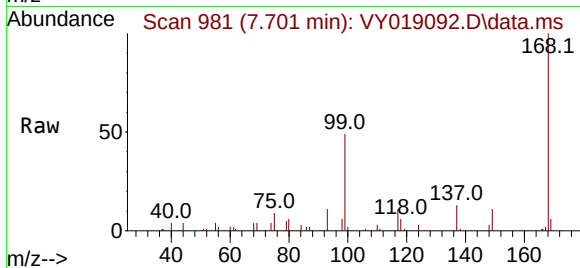
Tgt Ion: 75 Resp: 1369

Ion Ratio Lower Upper

75 100

110 4.8 19.0 57.0#

77 2.4 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.453 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

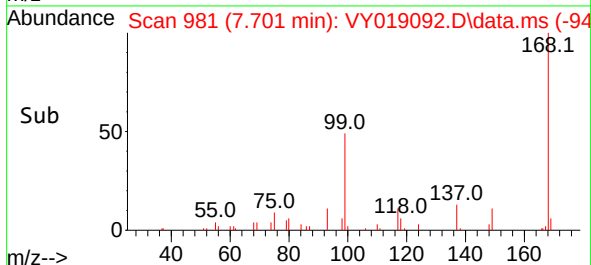
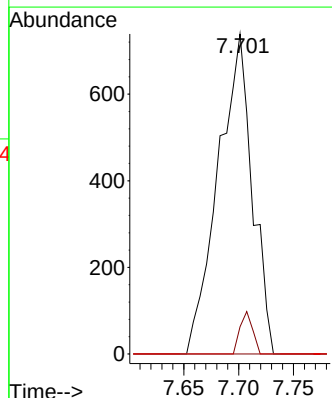
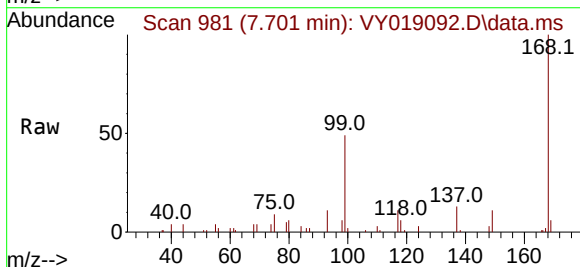
Tgt Ion: 117 Resp: 1598

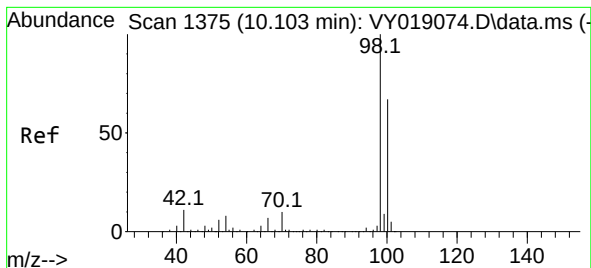
Ion Ratio Lower Upper

117 100

119 8.5 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 43.627 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

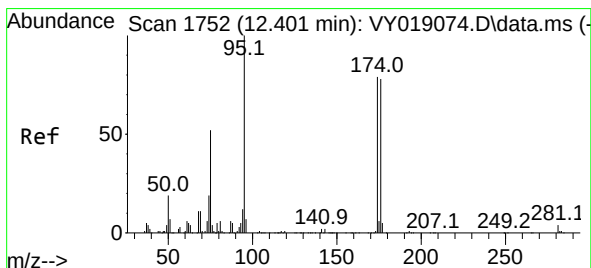
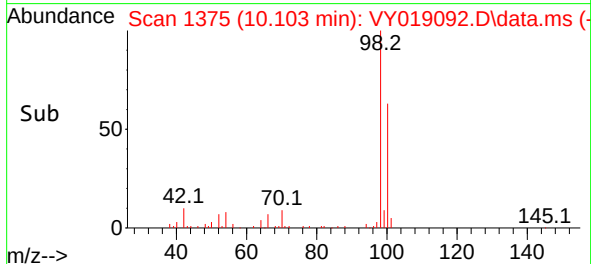
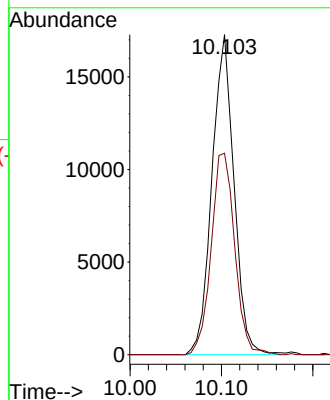
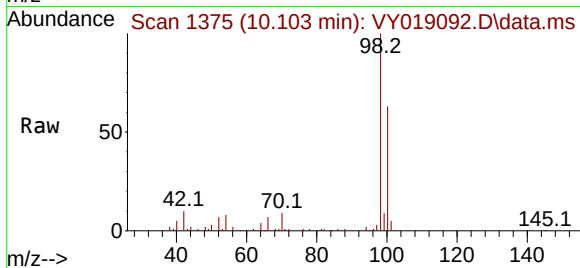
ClientSampleId :

Tgt Ion: 98 Resp: 28914

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.741 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

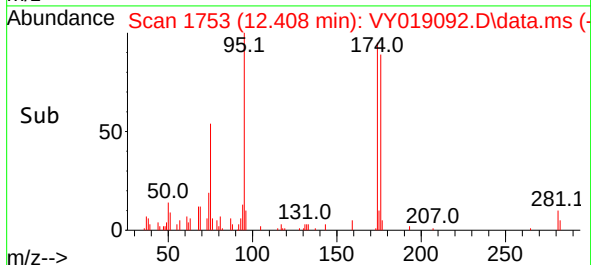
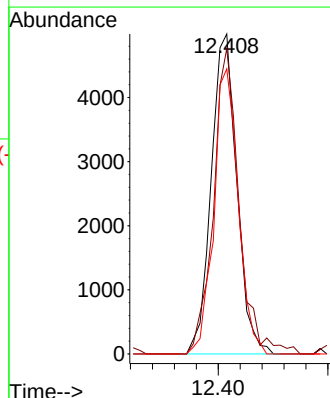
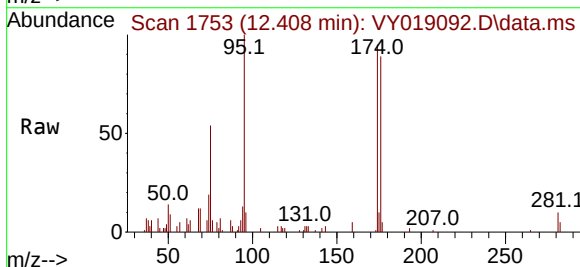
Tgt Ion: 95 Resp: 8075

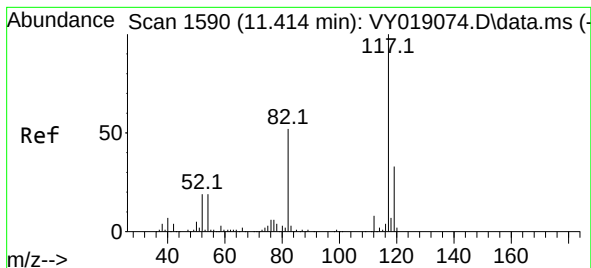
Ion Ratio Lower Upper

95 100

174 95.9 0.0 175.6

176 84.9 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: VY019092.D

Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

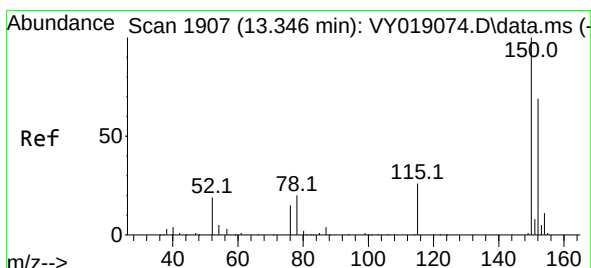
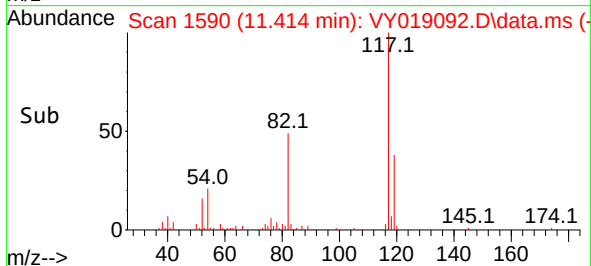
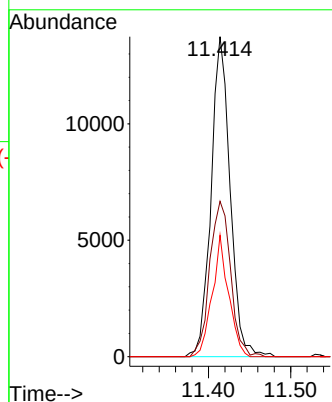
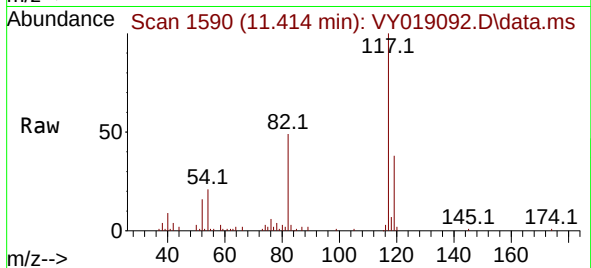
Tgt Ion:117 Resp: 22135

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 37.9 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: VY019092.D

Acq: 16 Aug 2024 14:36

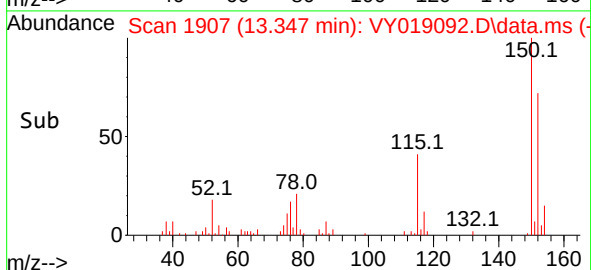
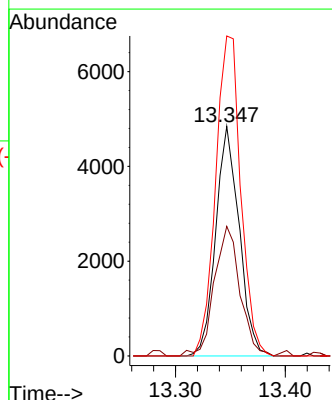
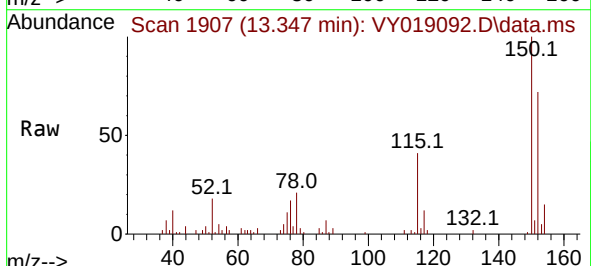
Tgt Ion:152 Resp: 7208

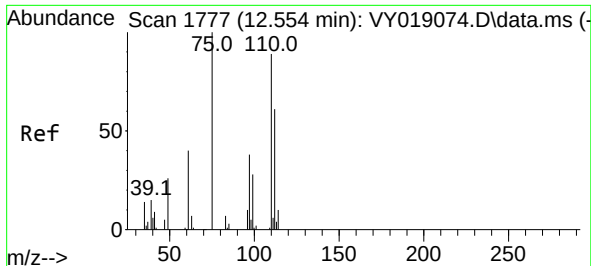
Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 149.7 0.0 345.6

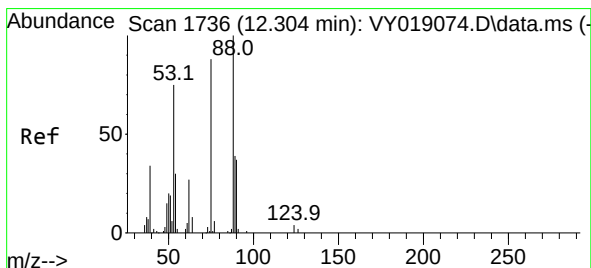
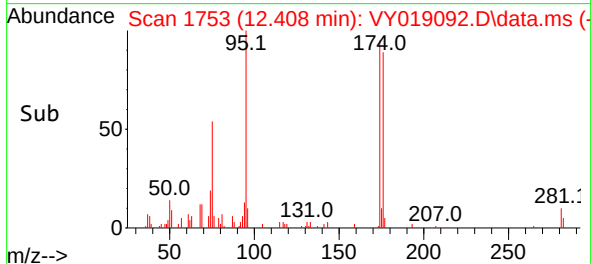
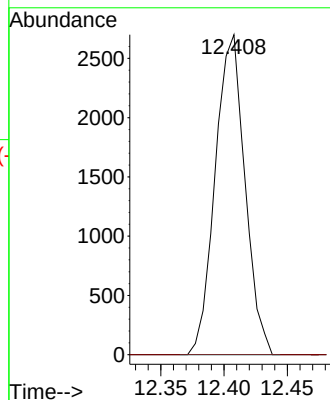
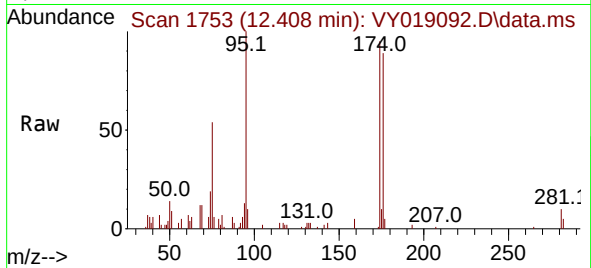




#76
1,2,3-Trichloropropane
Concen: 62.110 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4415
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 153.390 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion: 75 Resp: 4415
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

