

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019365.D
 Acq On : 29 Aug 2024 07:55
 Operator : SY/MD
 Sample : P3735-02
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 08:43:00 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)

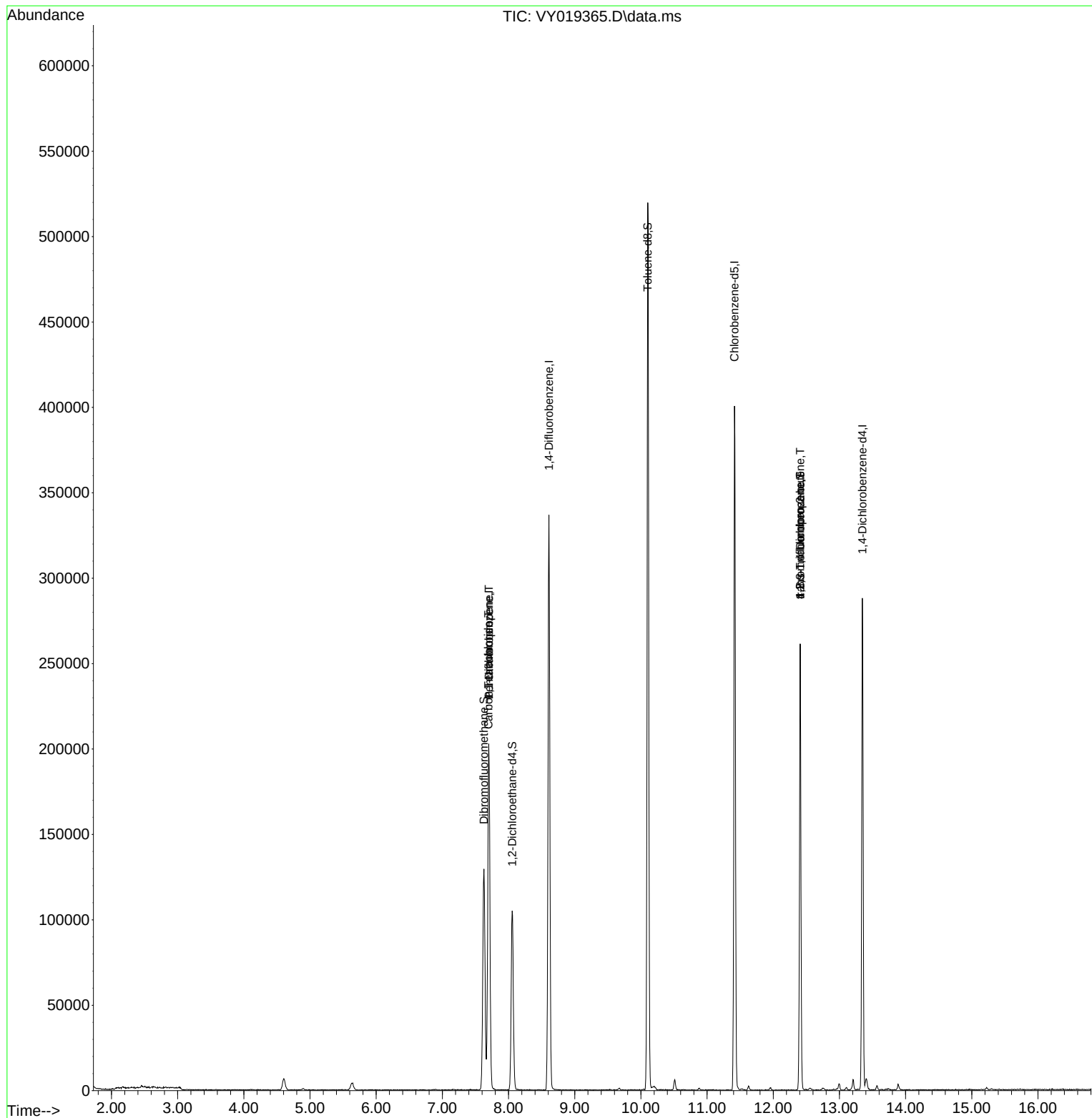
Internal Standards						
1) Pentafluorobenzene	7.701	168	157429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	285435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	217658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85358	54.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.180%	
35) Dibromofluoromethane	7.628	113	90331	48.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.103	98	329740	49.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.408	95	72373	31.610	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 63.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	157	Below Cal	#	75
6) Chloroethane	2.714	64	29	Below Cal	#	42
11) Tert butyl alcohol	4.769	59	19	Below Cal	#	88
20) Methylene Chloride	4.598	84	4844	Below Cal		90
31) Cyclohexane	7.701	56	3309	Below Cal	#	57
36) 1,1-Dichloropropene	7.701	75	11834	4.618	ug/l #	47
38) Carbon Tetrachloride	7.695	117	15835	5.332	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	39142	57.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	39142	142.455	ug/l #	16

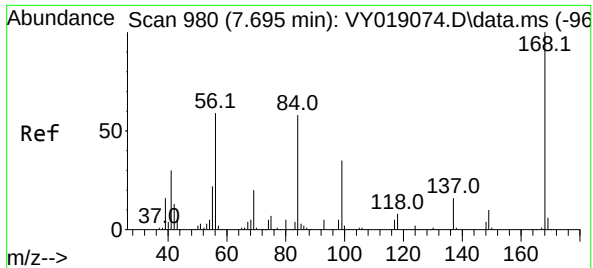
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
Data File : VY019365.D
Acq On : 29 Aug 2024 07:55
Operator : SY/MD
Sample : P3735-02
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 29 08:43:00 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

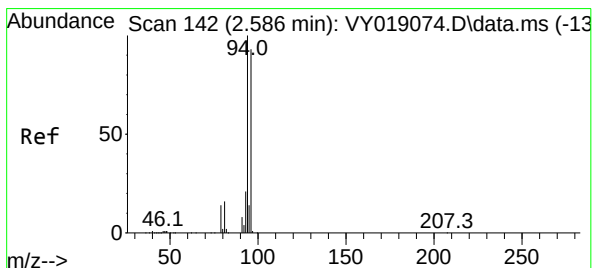
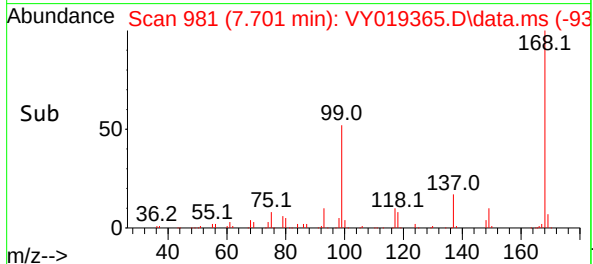
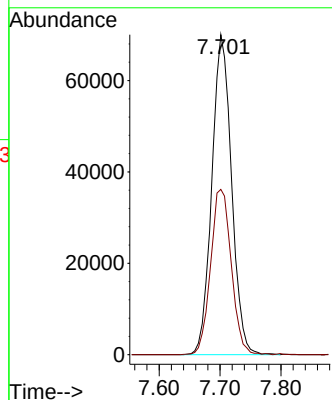
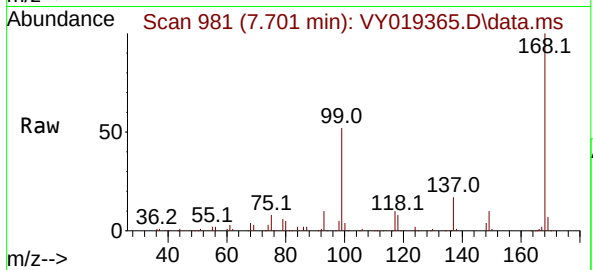




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

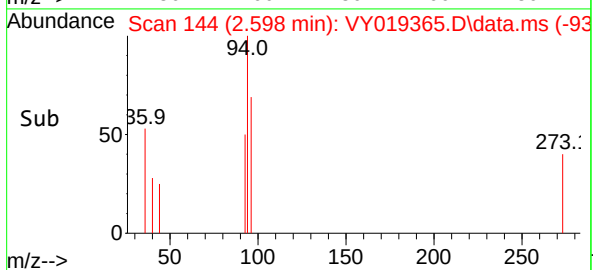
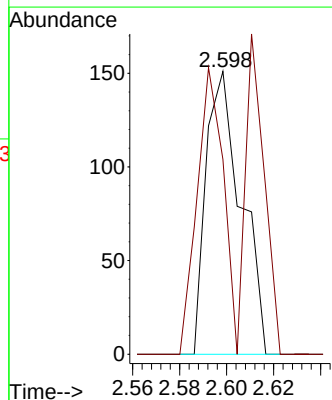
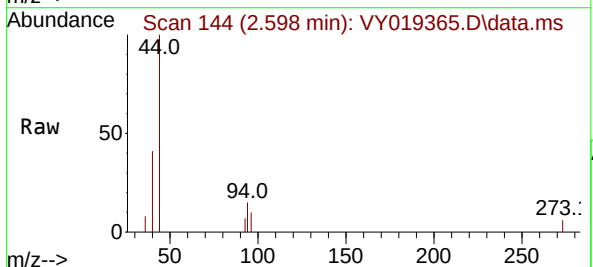
Instrument :
MSVOA_Y
ClientSampleId :

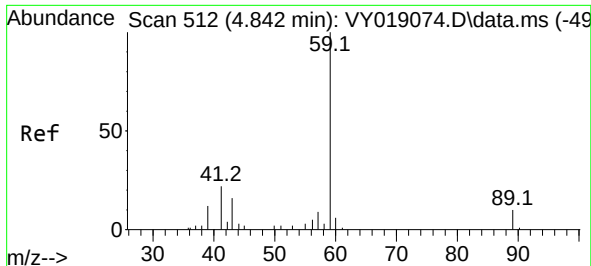
Tgt Ion:168 Resp: 157429
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 68.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.769 min Scan# 50

Delta R.T. -0.073 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

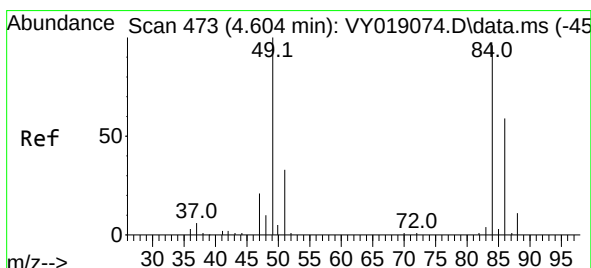
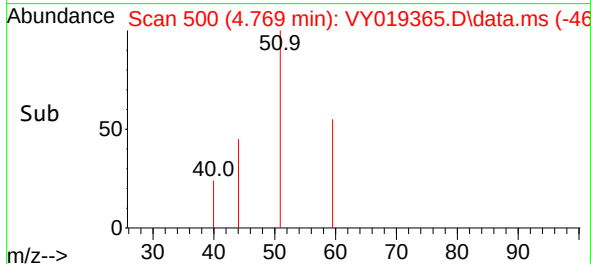
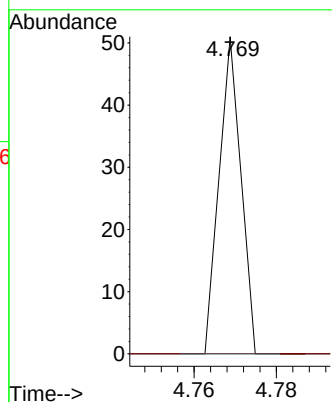
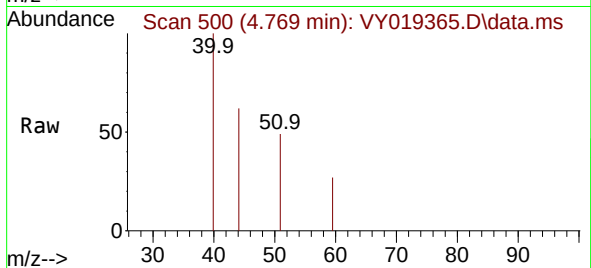
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Tgt Ion: 84 Resp: 4844

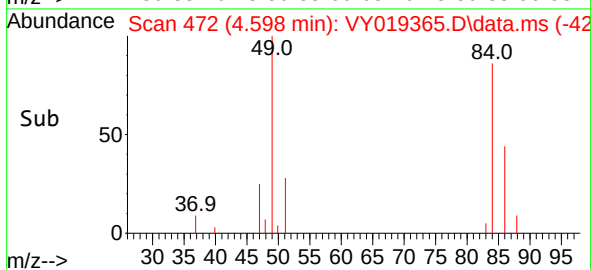
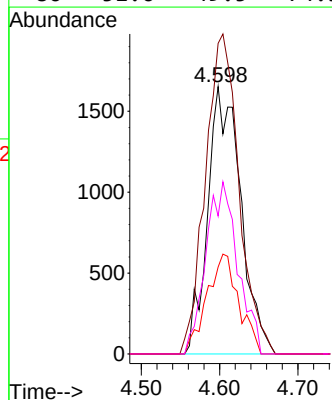
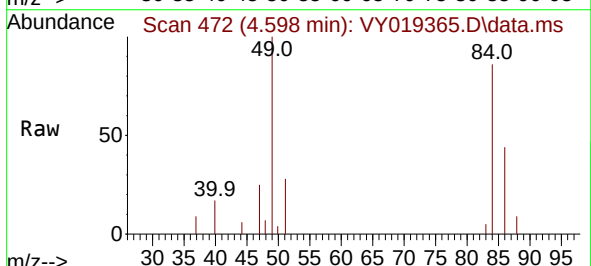
Ion Ratio Lower Upper

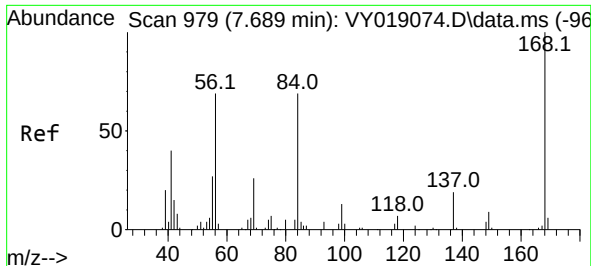
84 100

49 116.2 84.4 126.6

51 32.5 26.0 39.0

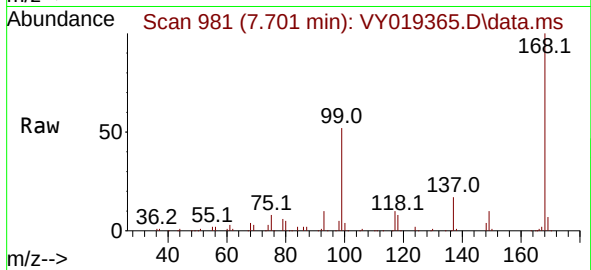
86 51.6 49.5 74.3



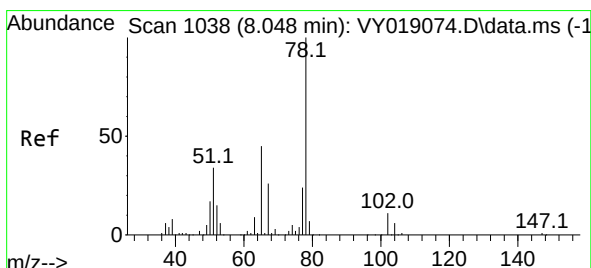
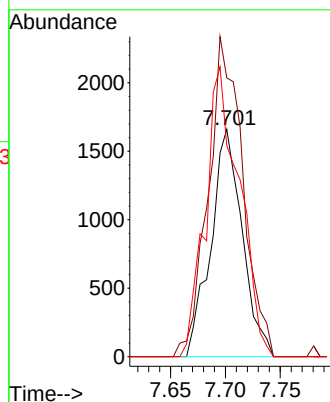
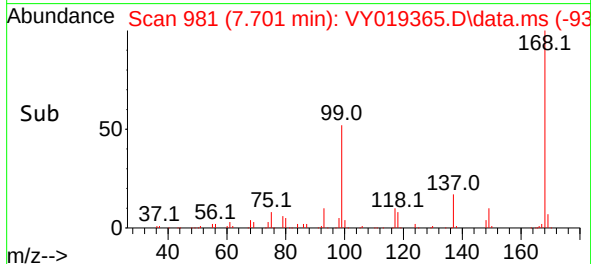


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Instrument :
MSVOA_Y
ClientSampleId :

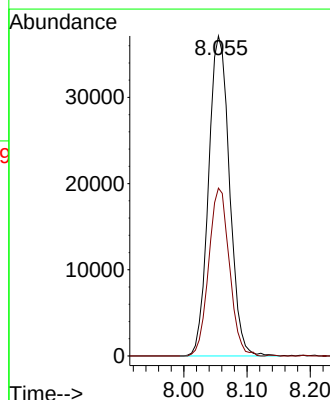
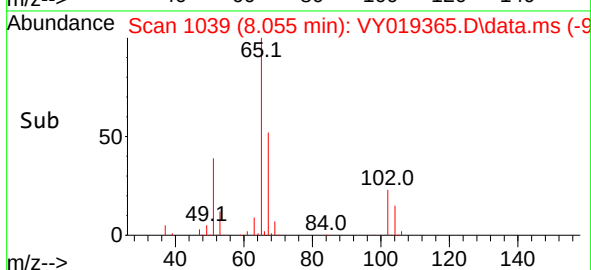
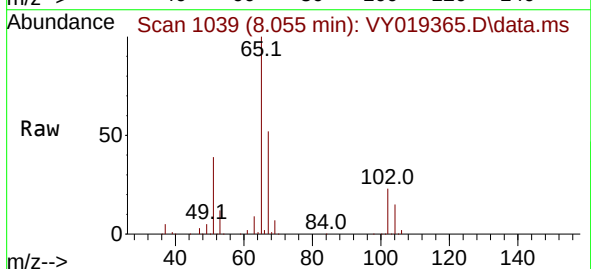


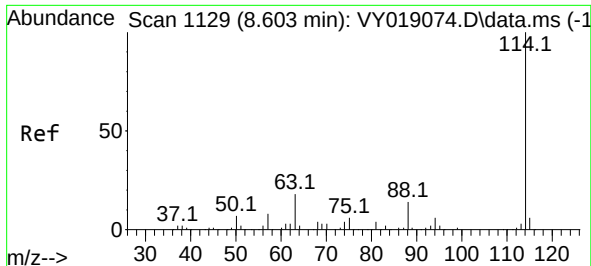
Tgt Ion: 56 Resp: 3309
Ion Ratio Lower Upper
56 100
69 122.7 28.7 43.1#
84 93.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Tgt Ion: 65 Resp: 85358
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

ClientSampleId :

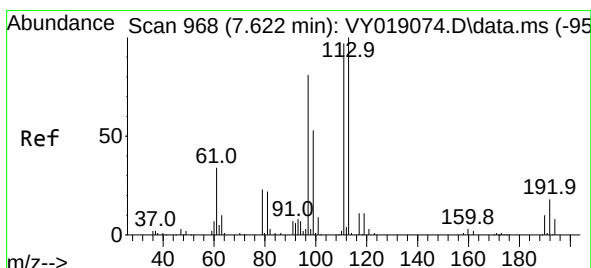
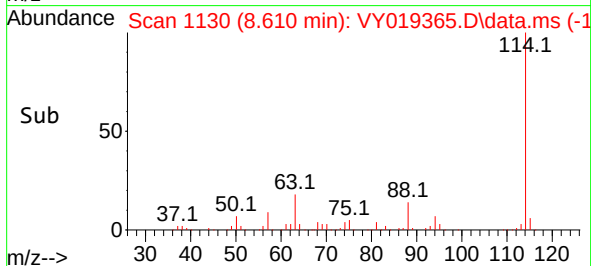
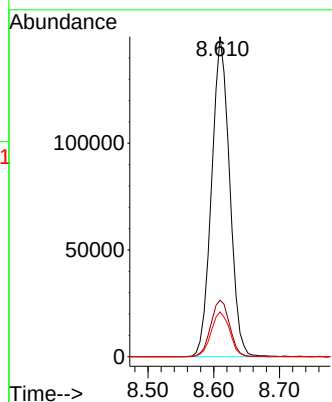
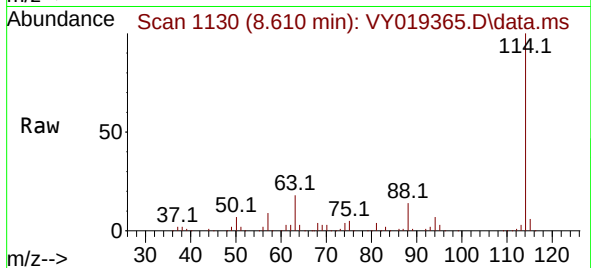
Tgt Ion:114 Resp: 285435

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

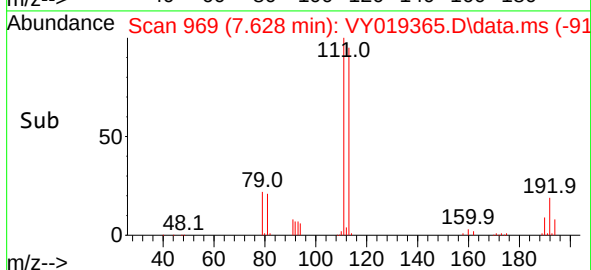
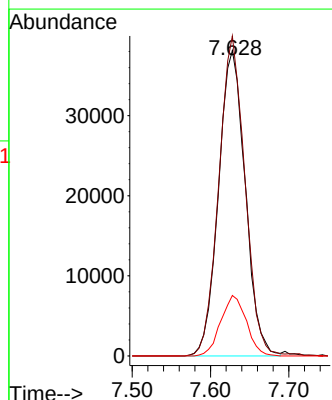
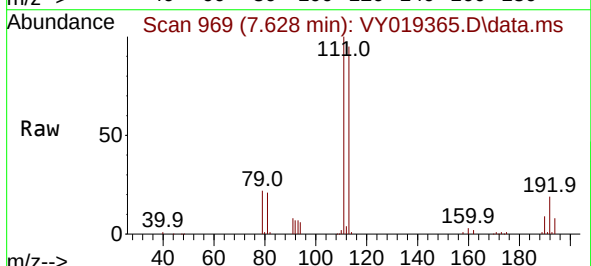
Tgt Ion:113 Resp: 90331

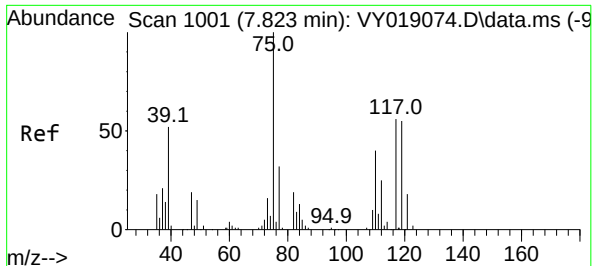
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.618 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

ClientSampleId :

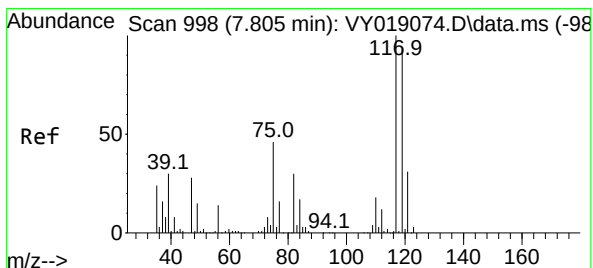
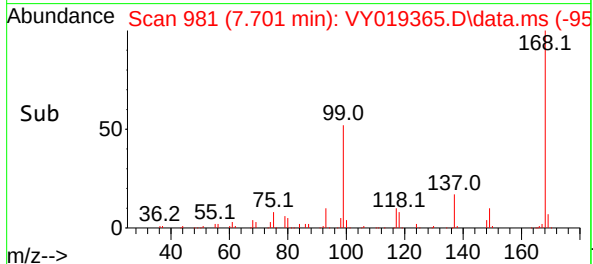
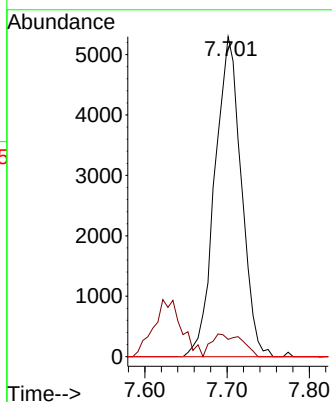
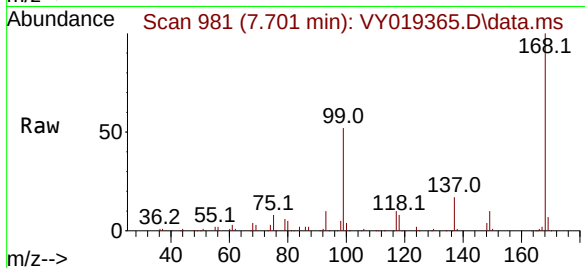
Tgt Ion: 75 Resp: 11834

Ion Ratio Lower Upper

75 100

110 8.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.332 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.109 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

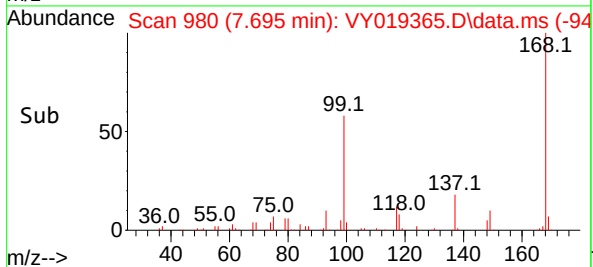
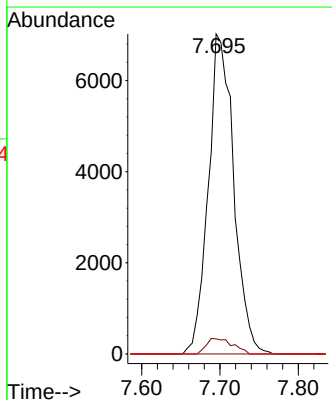
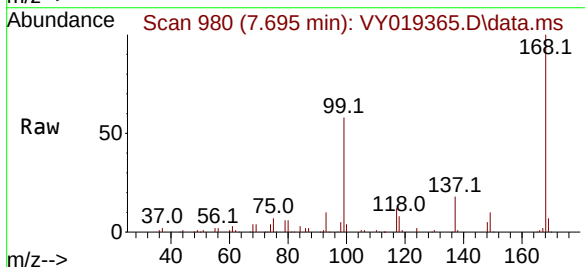
Tgt Ion: 117 Resp: 15835

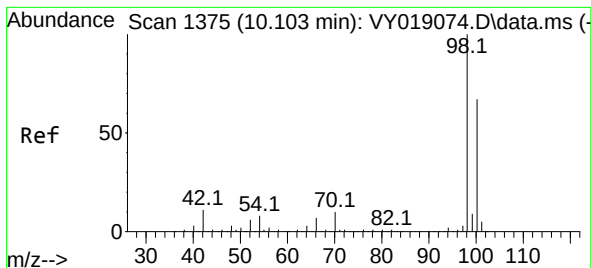
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.095 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

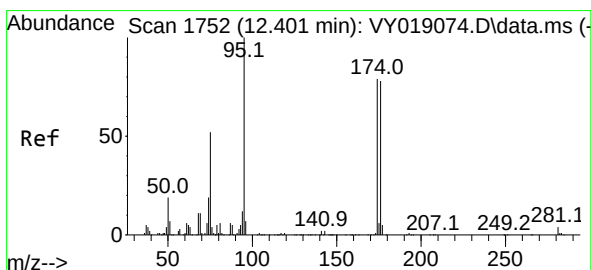
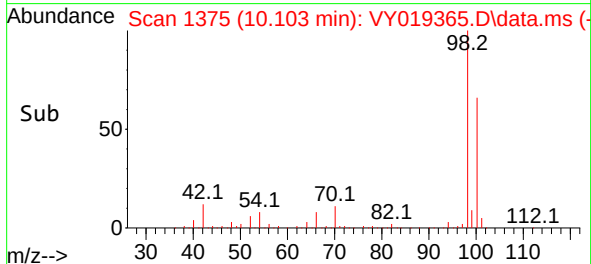
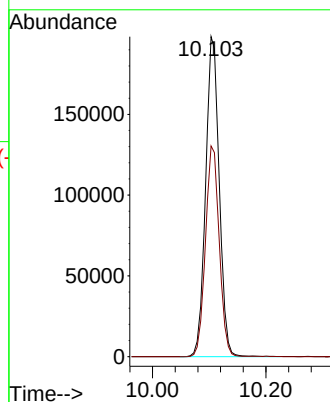
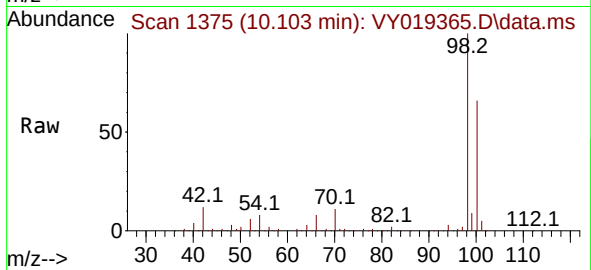
ClientSampleId :

Tgt Ion: 98 Resp: 329740

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.610 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

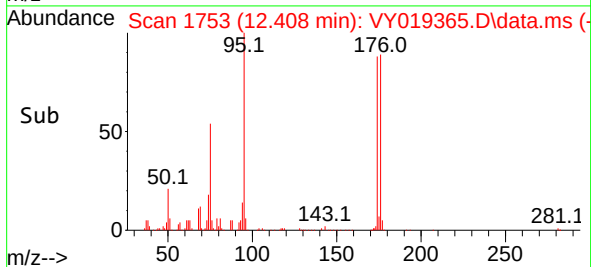
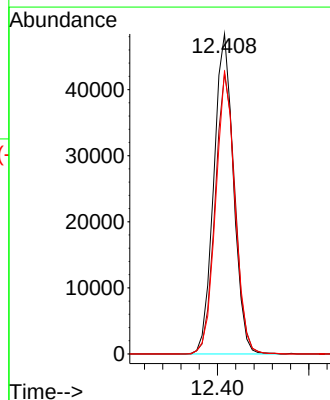
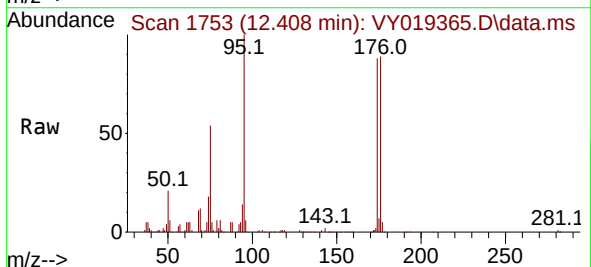
Tgt Ion: 95 Resp: 72373

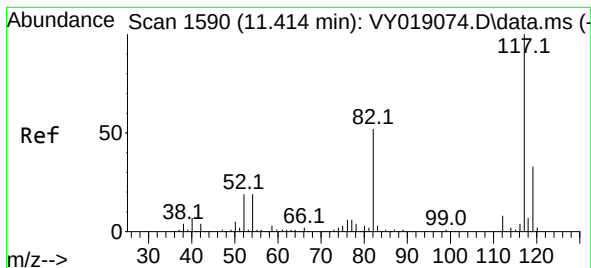
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

176 86.4 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: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

ClientSampleId :

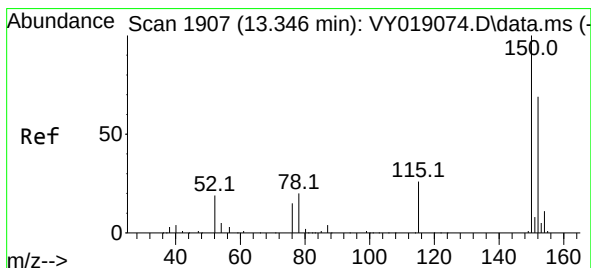
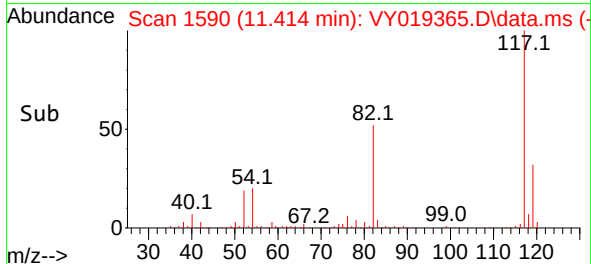
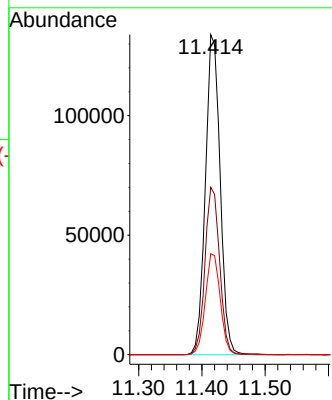
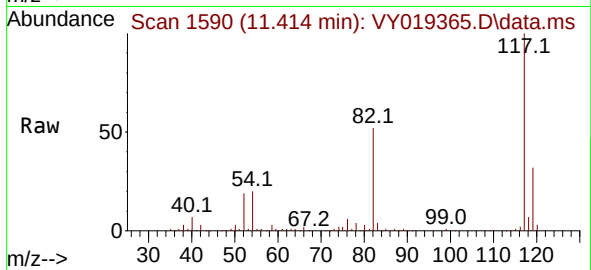
Tgt Ion:117 Resp: 217658

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.5 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: VY019365.D

Acq: 29 Aug 2024 07:55

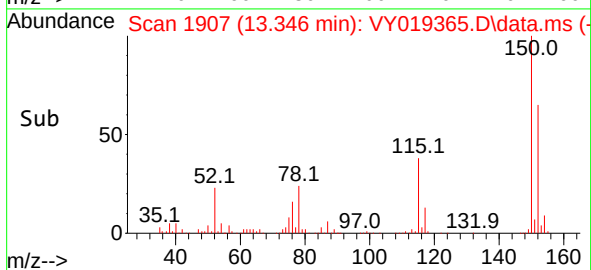
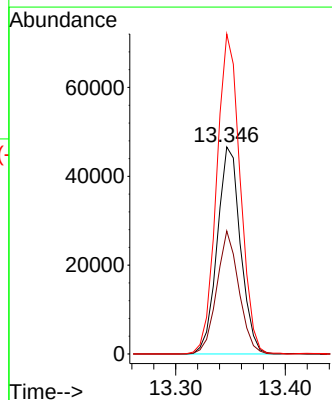
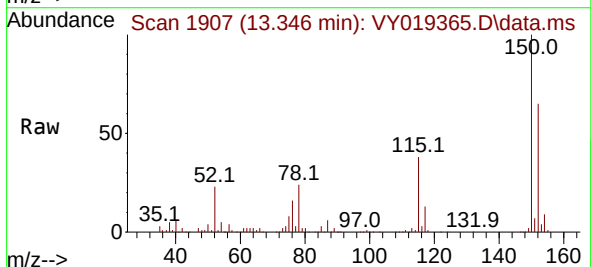
Tgt Ion:152 Resp: 68809

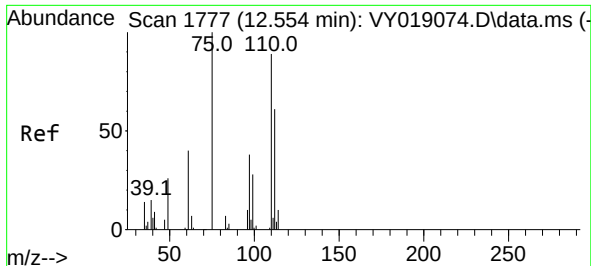
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 156.1 0.0 345.6

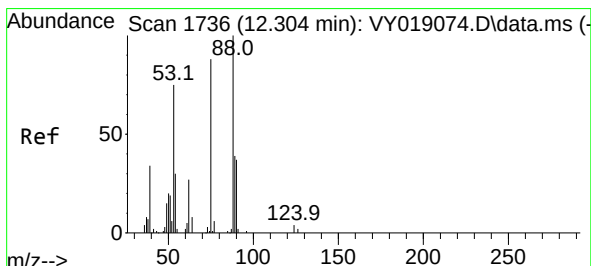
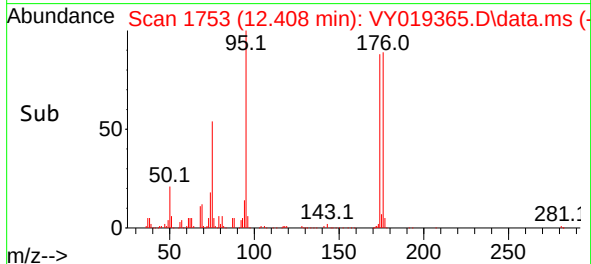
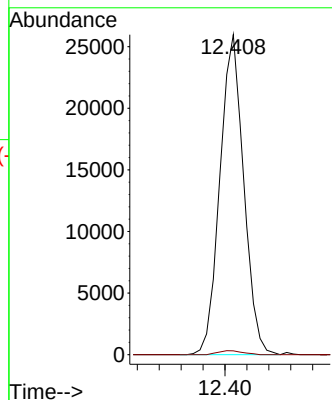
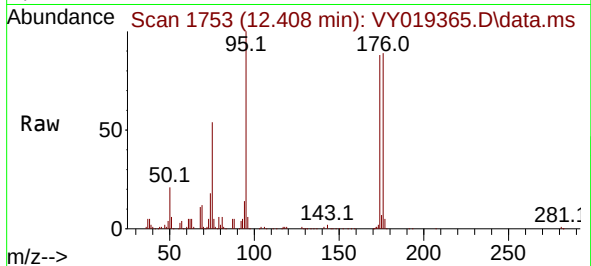




#76
1,2,3-Trichloropropane
Concen: 57.682 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39142
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.455 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Tgt Ion: 75 Resp: 39142
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

