

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018245.D
 Acq On : 13 May 2024 16:36
 Operator : SY/MD
 Sample : P2467-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

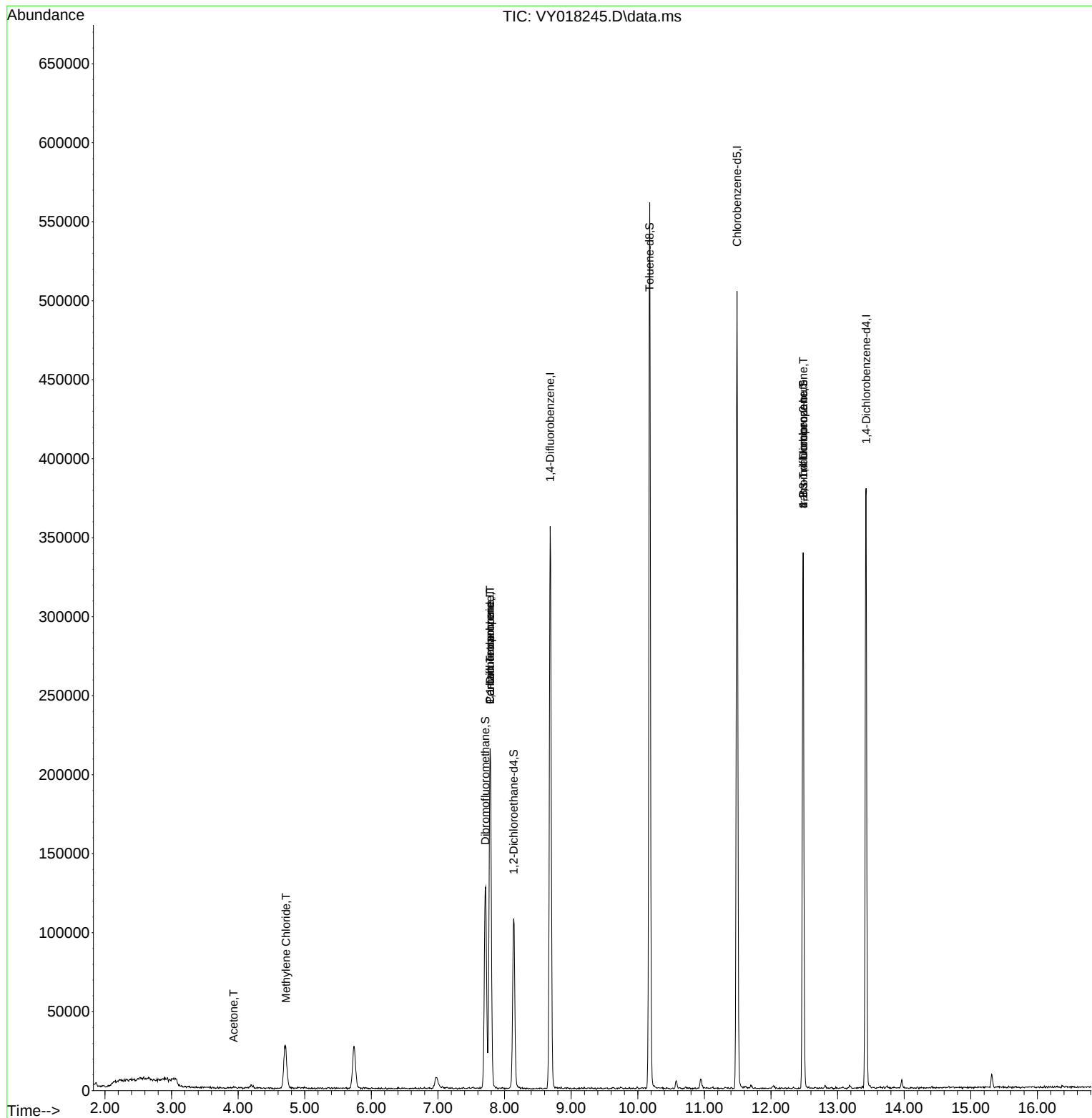
Internal Standards						
1) Pentafluorobenzene	7.783	168	173736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77709	60.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.710	113	93914	54.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.179	98	370635	55.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	104686	48.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	315	Below Cal	#	43
13) Acrolein	3.717	56	120	Below Cal	#	55
16) Acetone	3.930	43	1513	5.932	ug/l	90
20) Methylene Chloride	4.716	84	22464	12.460	ug/l #	91
31) Cyclohexane	7.795	56	4134	Below Cal	#	21
36) 1,1-Dichloropropene	7.783	75	13316	5.439	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17294	6.465	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52958	65.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52958	125.758	ug/l #	16

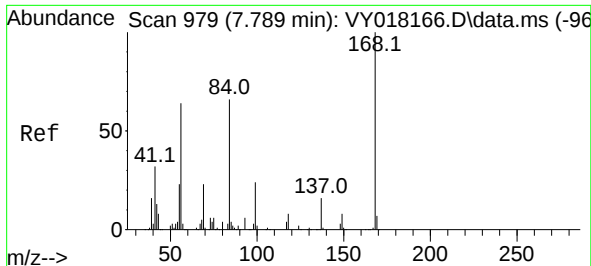
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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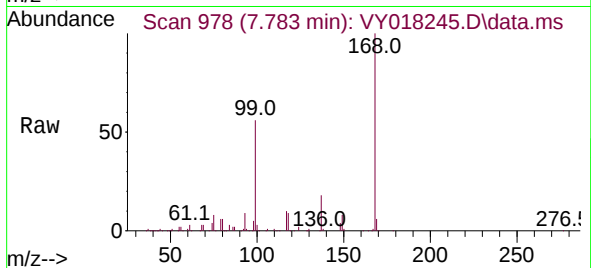
Quant Time: May 14 02:30:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
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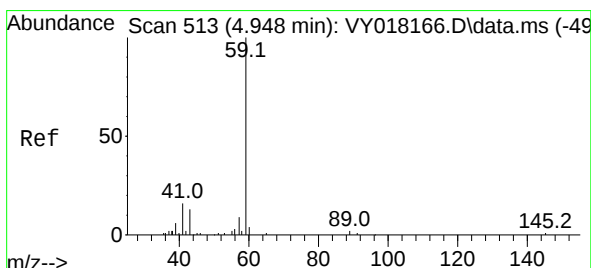
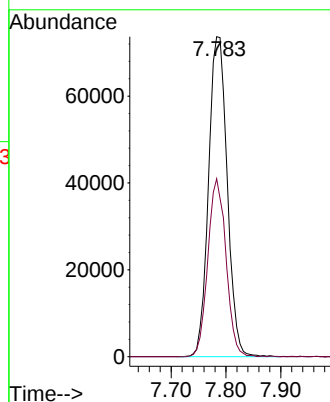
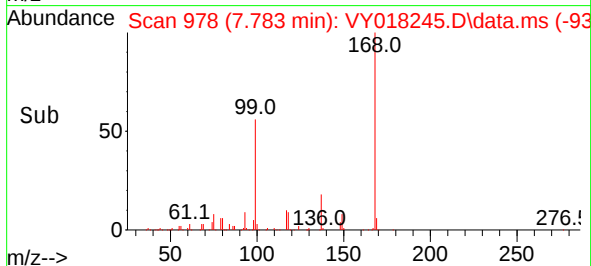


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :

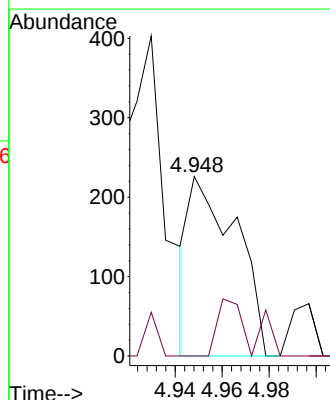
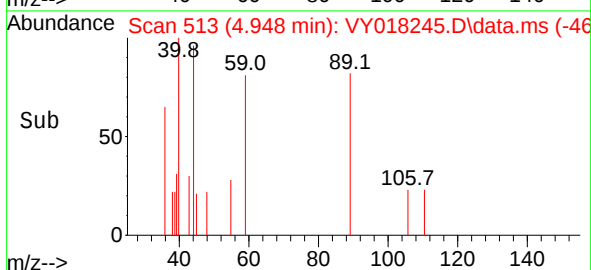
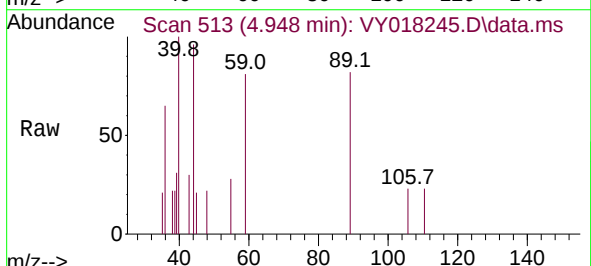


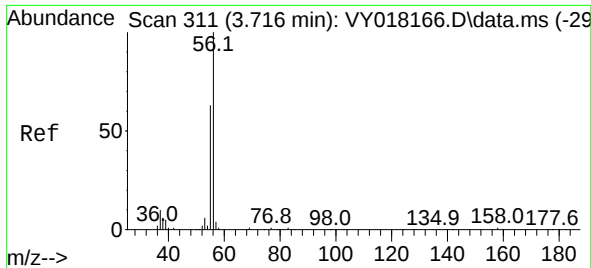
Tgt Ion:168 Resp: 173736
Ion Ratio Lower Upper
168 100
99 55.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

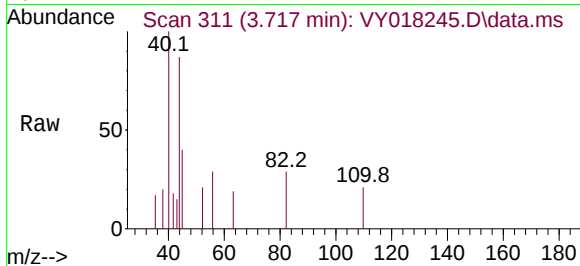
Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 22.5 3.0 4.6#



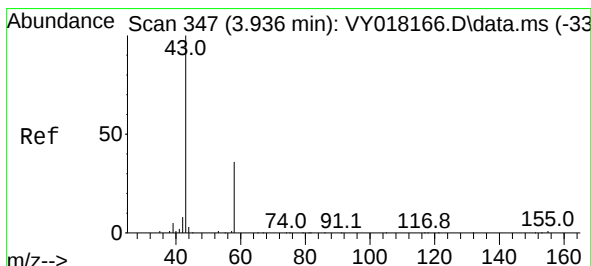
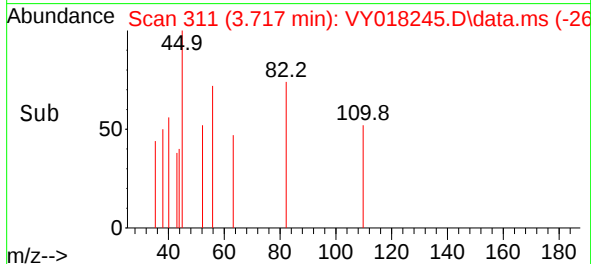
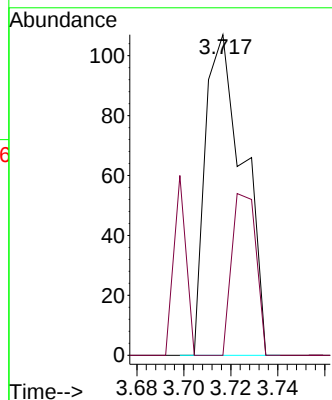


#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :

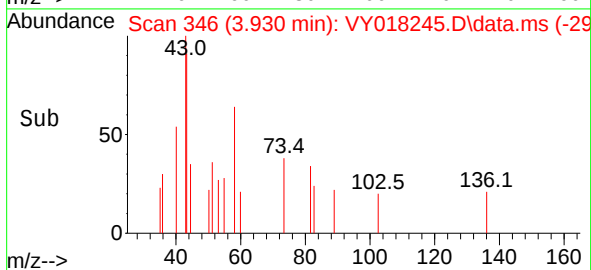
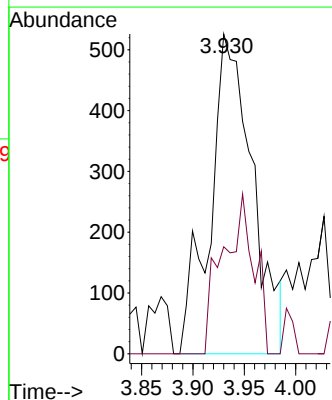
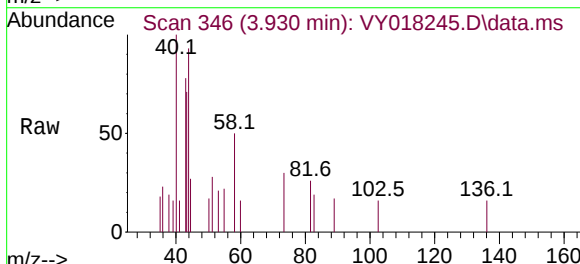


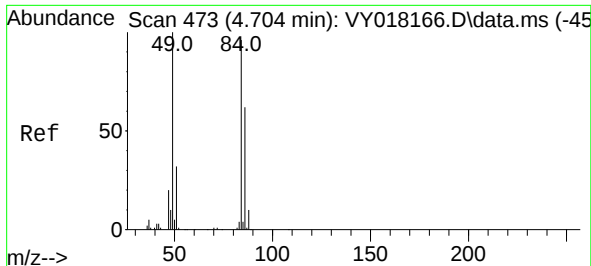
Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 32.5 55.7 83.5#



#16
Acetone
Concen: 5.932 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5





#20

Methylene Chloride

Concen: 12.460 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.012 min

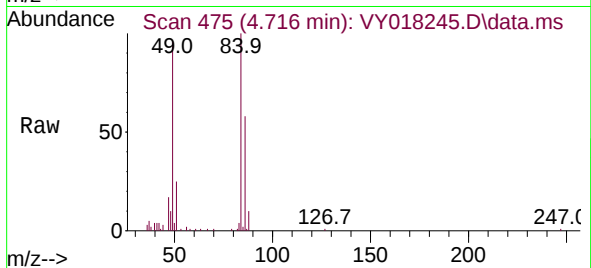
Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 22464

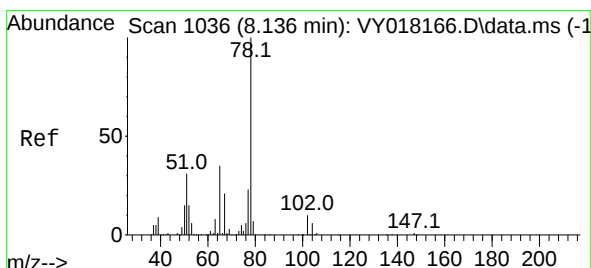
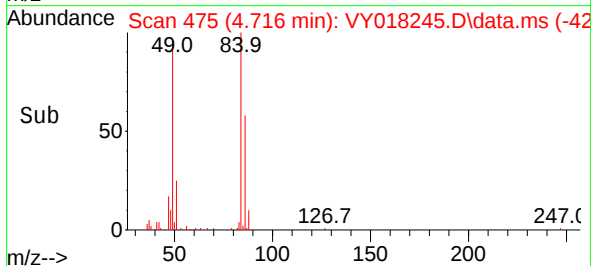
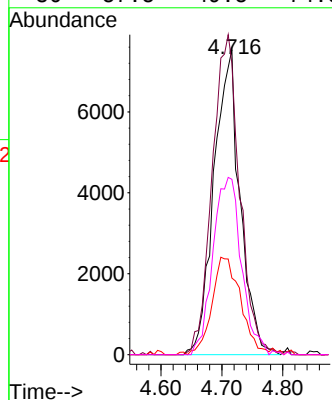
Ion Ratio Lower Upper

84 100

49 95.6 84.4 126.6

51 24.4 26.0 39.0#

86 57.5 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 60.799 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018245.D

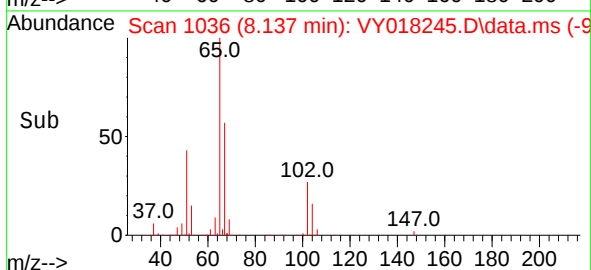
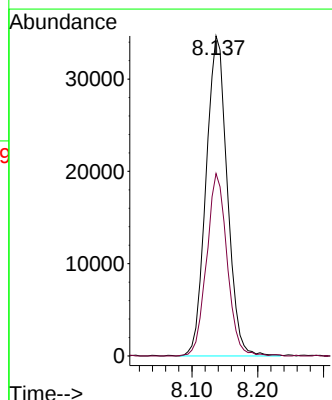
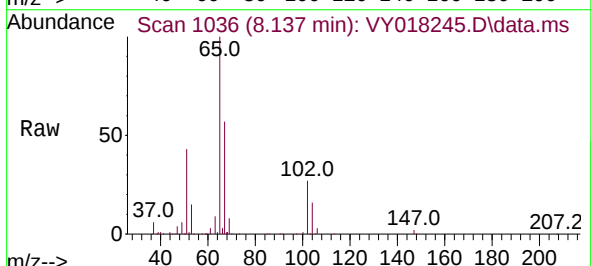
Acq: 13 May 2024 16:36

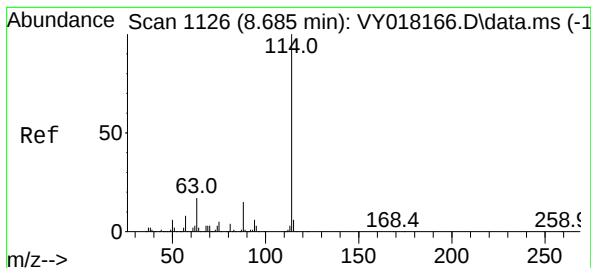
Tgt Ion: 65 Resp: 77709

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

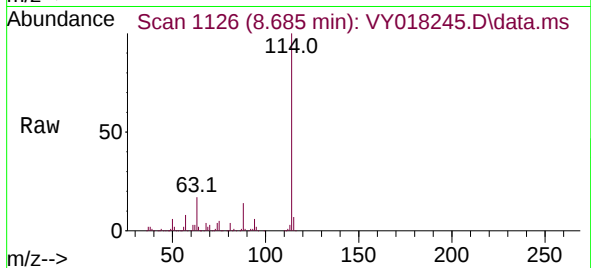
Lab File: VY018245.D

Acq: 13 May 2024 16:36

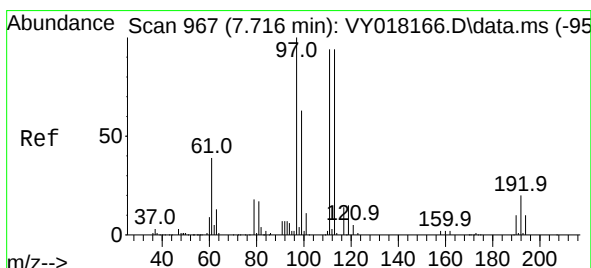
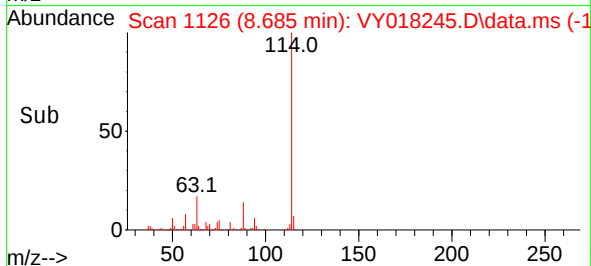
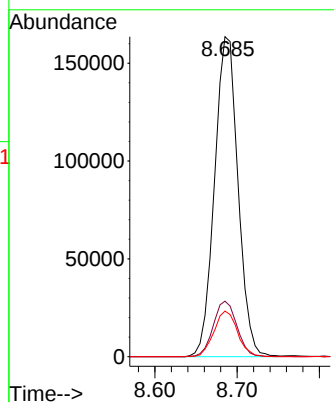
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	114	Resp:	324954
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	35.0
88	14.3	0.0	27.2



#35

Dibromofluoromethane

Concen: 54.992 ug/l

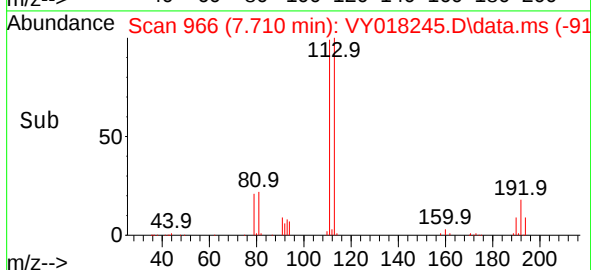
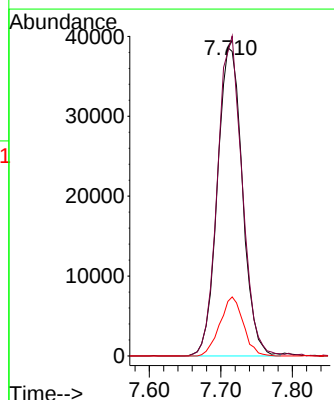
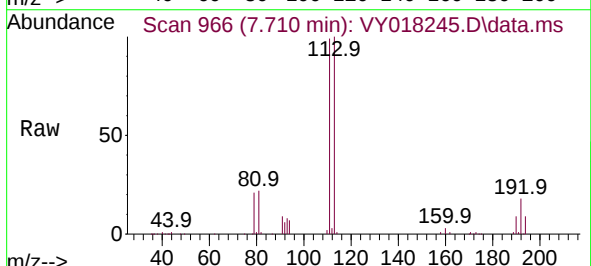
RT: 7.710 min Scan# 966

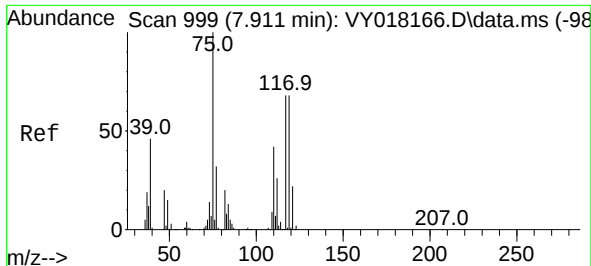
Delta R.T. -0.006 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Tgt Ion:	113	Resp:	93914
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.4
192	17.9	15.9	23.9





#36

1,1-Dichloropropene

Concen: 5.439 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

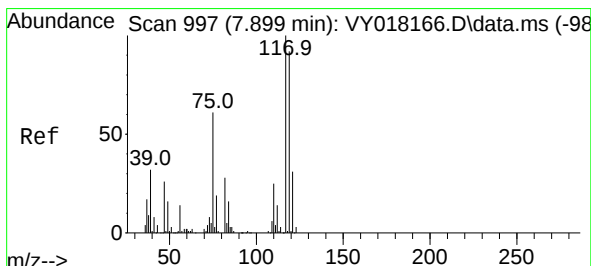
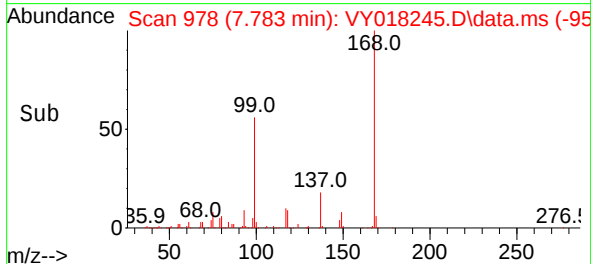
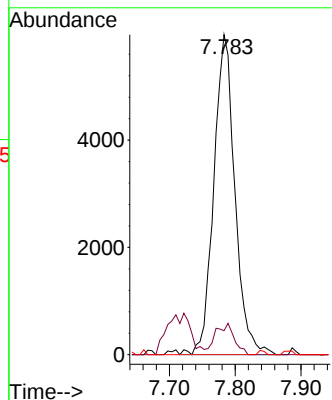
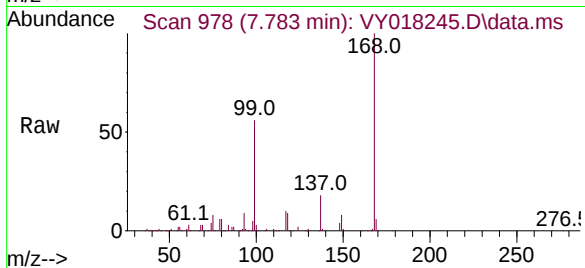
Tgt Ion: 75 Resp: 13316

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.465 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

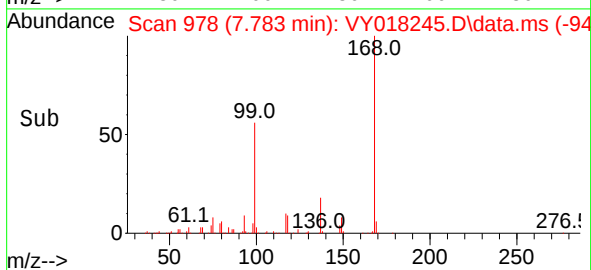
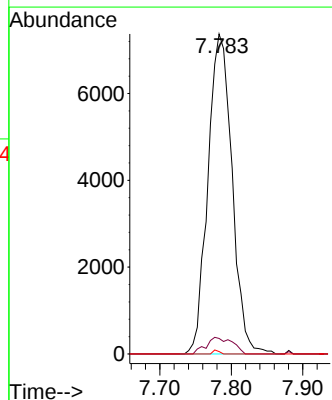
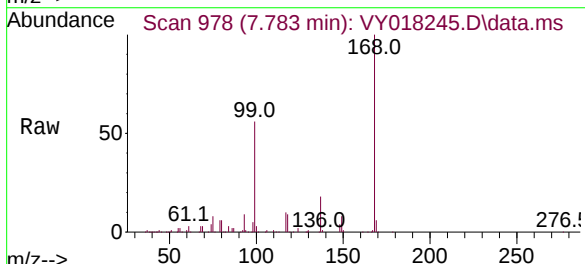
Tgt Ion: 117 Resp: 17294

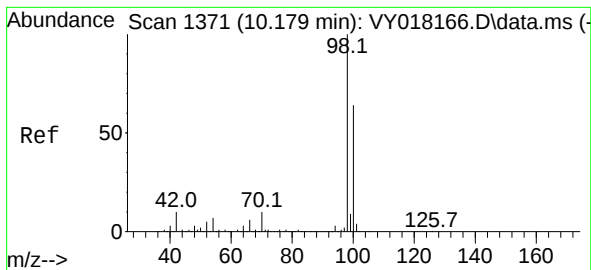
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.7 24.0 36.0#





#50

Toluene-d8

Concen: 55.074 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

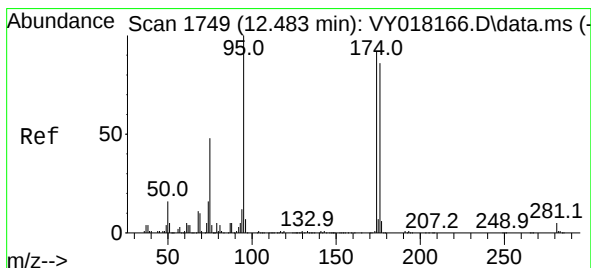
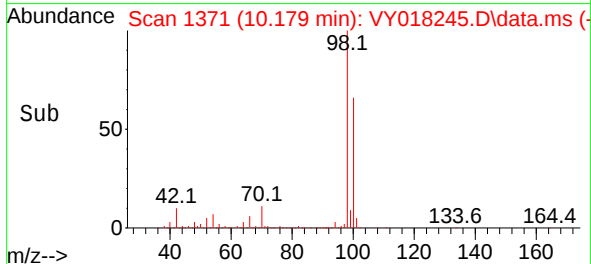
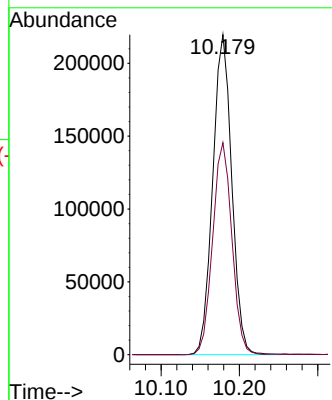
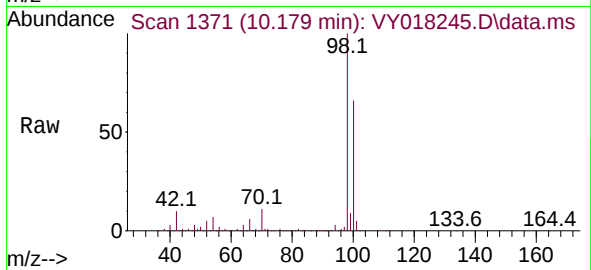
ClientSampleId :

Tgt Ion: 98 Resp: 370635

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.169 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

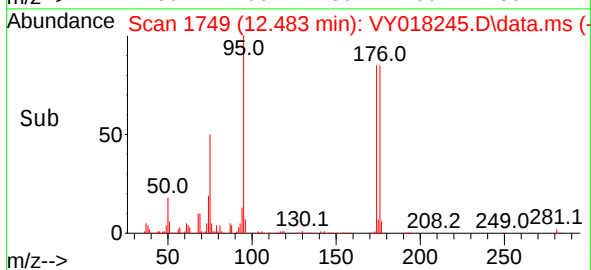
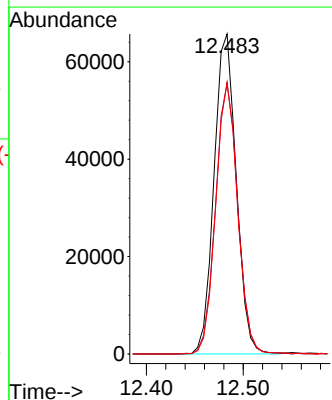
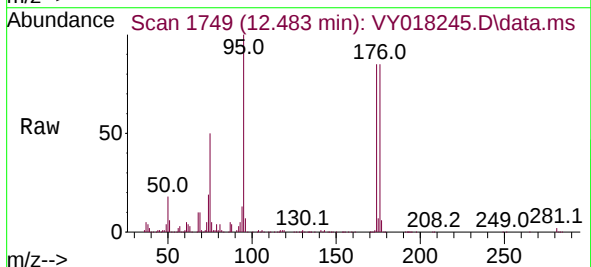
Tgt Ion: 95 Resp: 104686

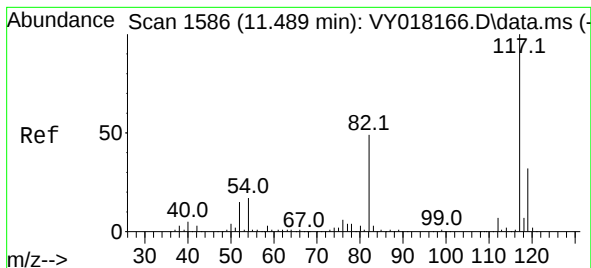
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 83.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

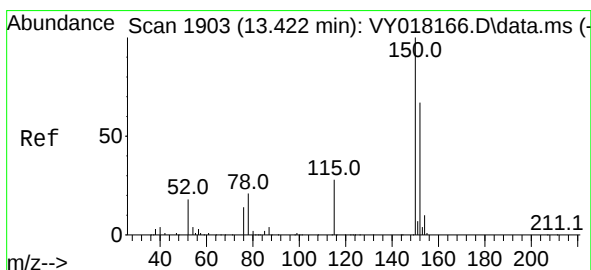
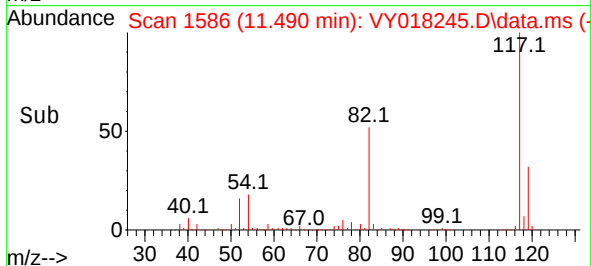
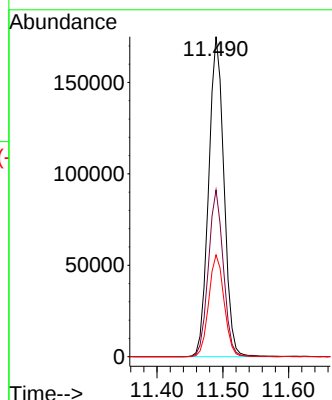
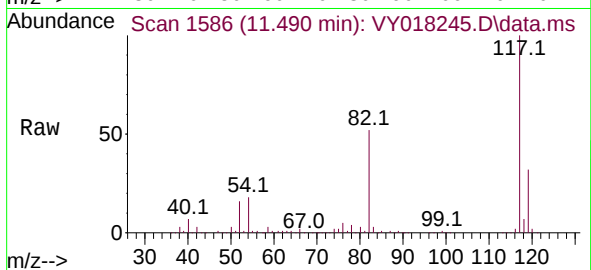
Tgt Ion:117 Resp: 283461

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

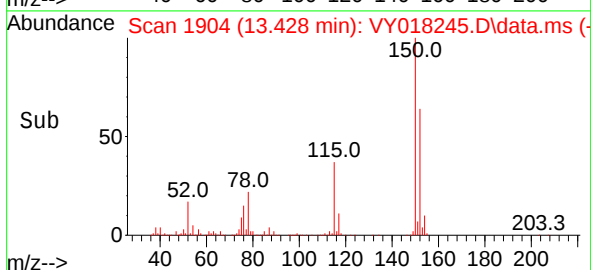
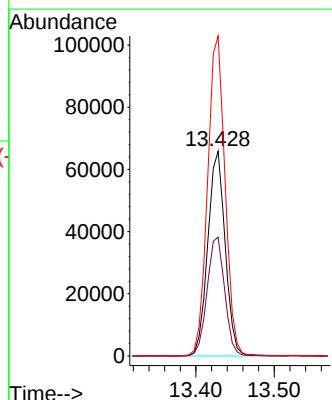
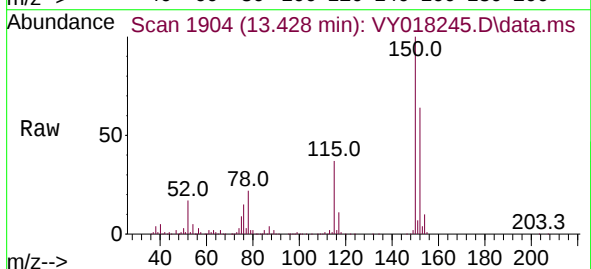
Tgt Ion:152 Resp: 101362

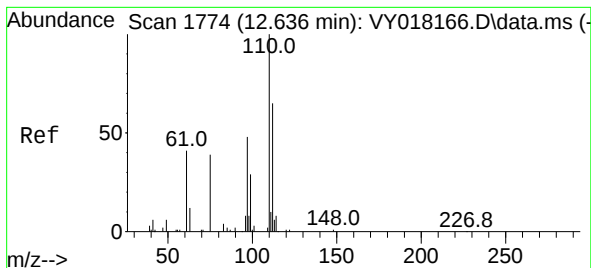
Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.272 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

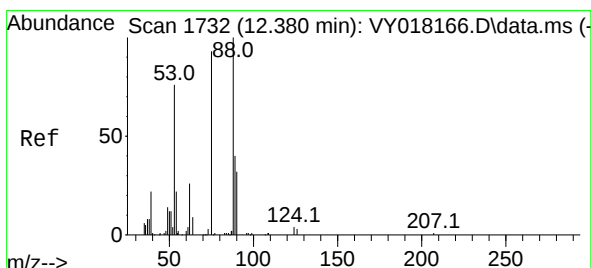
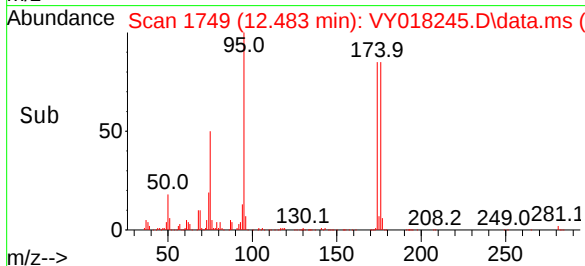
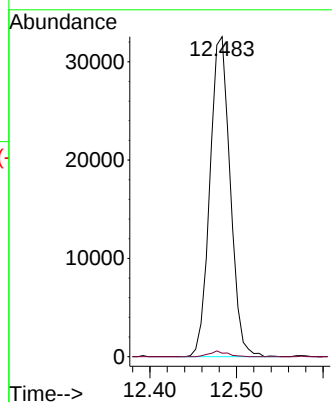
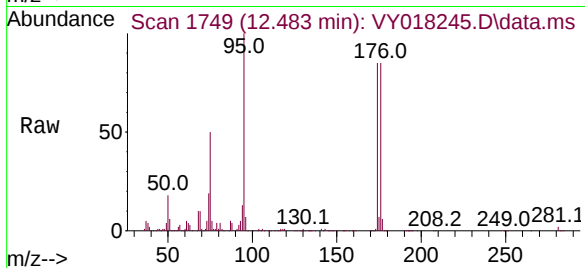
ClientSampleId :

Tgt Ion: 75 Resp: 52958

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.758 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Tgt Ion: 75 Resp: 52958

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

