

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015301.D
 Acq On : 23 Aug 2023 23:15
 Operator : SY/MD
 Sample : 04110-10
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11(1-2)

Quant Time: Aug 24 02:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

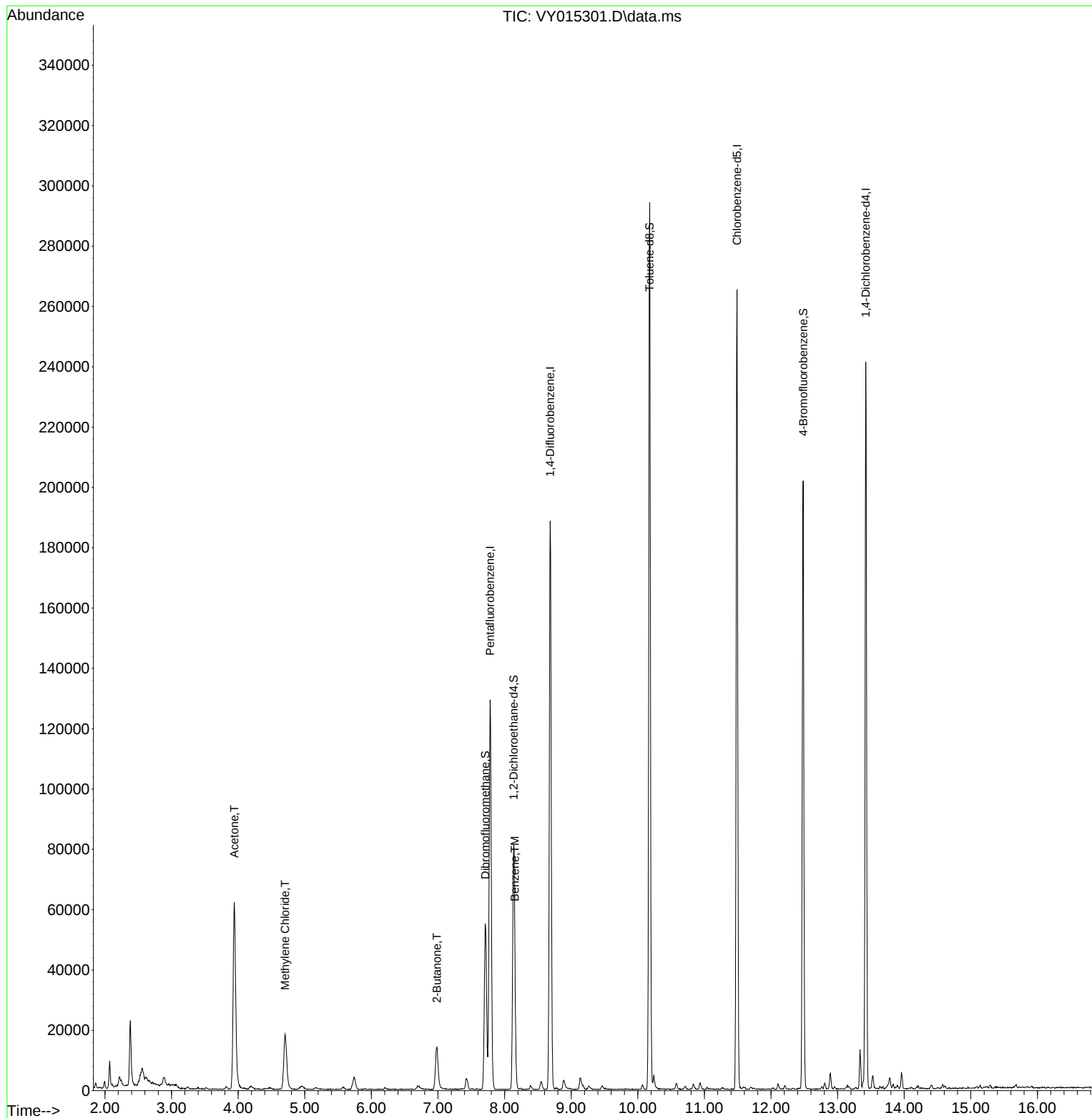
Internal Standards						
1) Pentafluorobenzene	7.783	168	99273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62491	52.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.709	113	38959	36.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.460%	
50) Toluene-d8	10.178	98	192581	48.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.483	95	57578	39.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	107473	276.065	ug/l	95
20) Methylene Chloride	4.704	84	13662	11.292	ug/l	90
25) 2-Butanone	6.984	43	19878	36.062	ug/l	90
40) Benzene	8.154	78	9816	2.767	ug/l	97

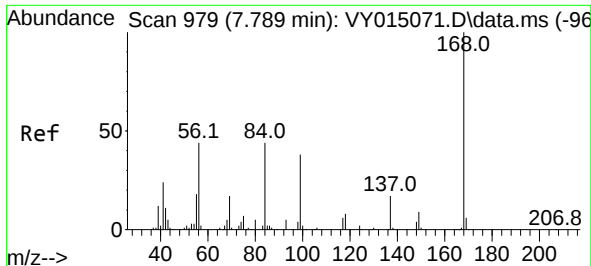
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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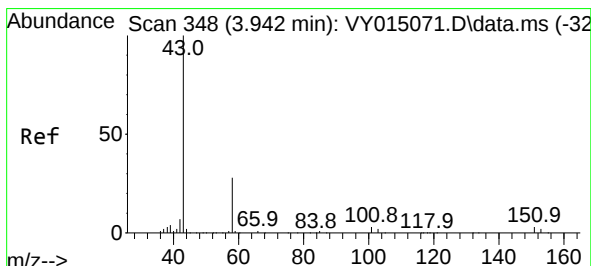
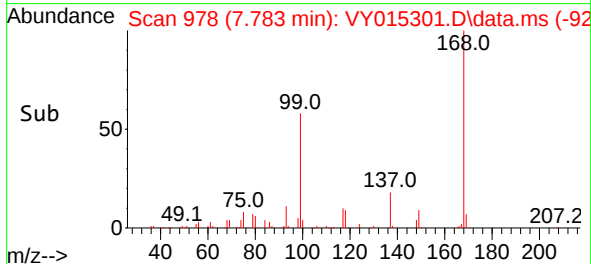
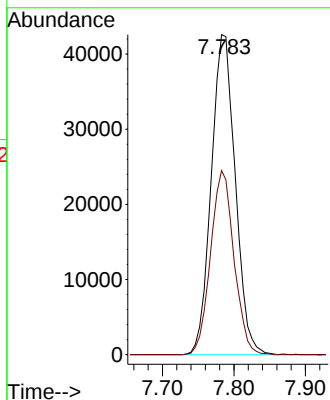
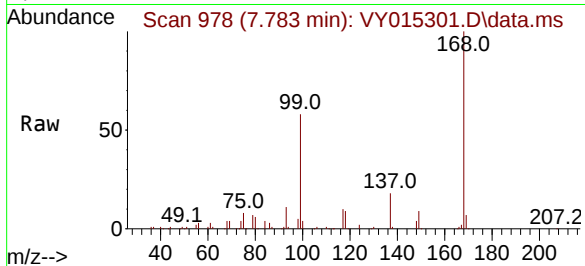




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

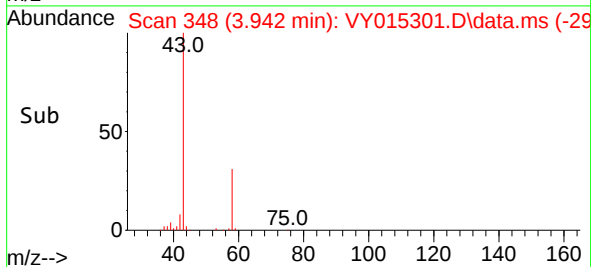
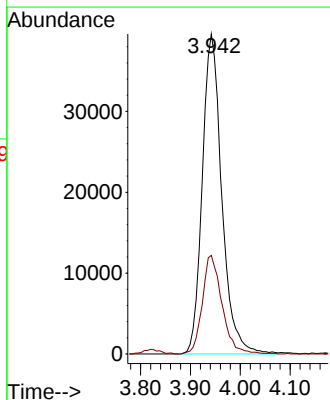
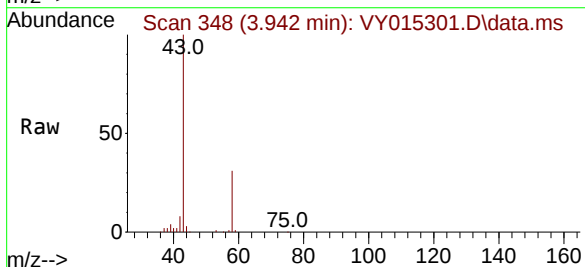
Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1-2)

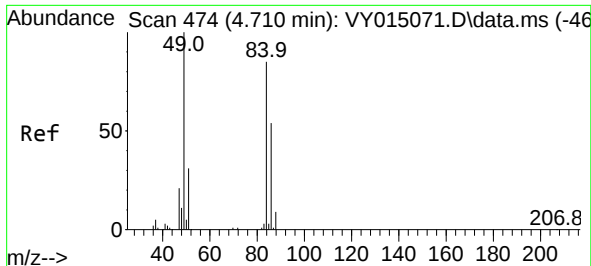
Tgt Ion:168 Resp: 99273
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#16
Acetone
Concen: 276.065 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 43 Resp: 107473
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1

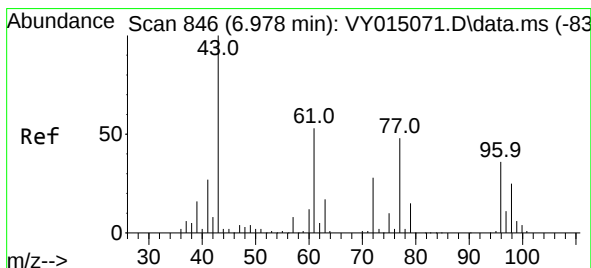
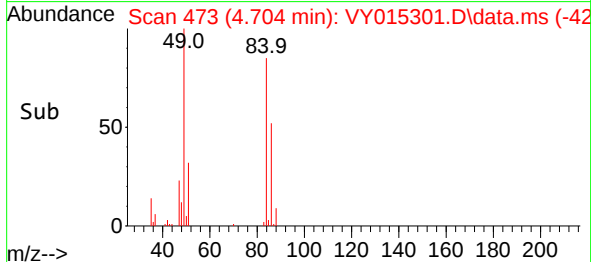
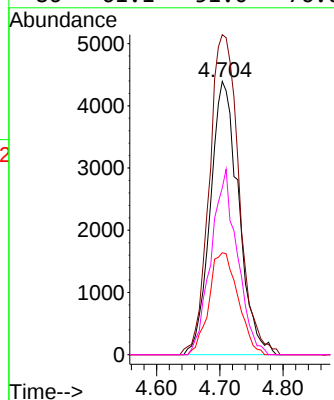
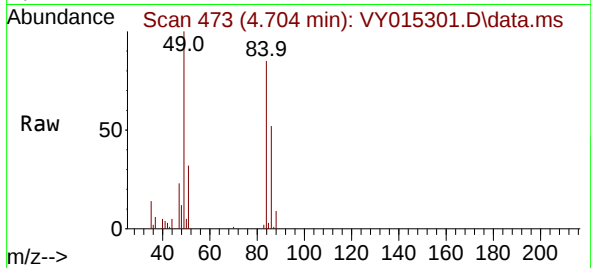




#20
Methylene Chloride
Concen: 11.292 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

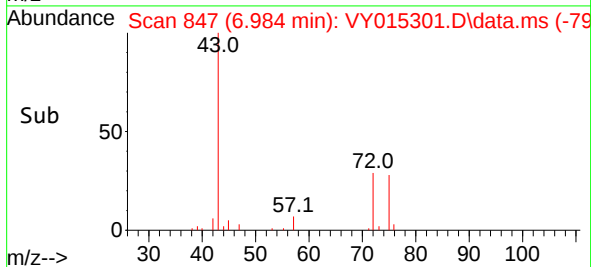
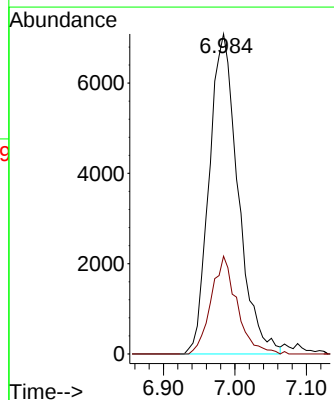
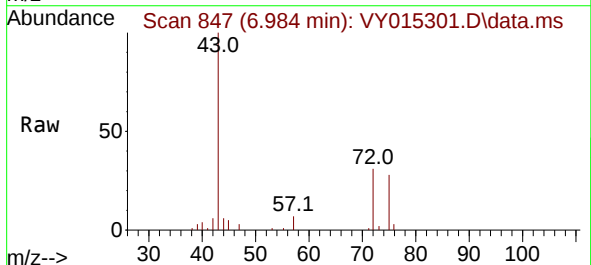
Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1-2)

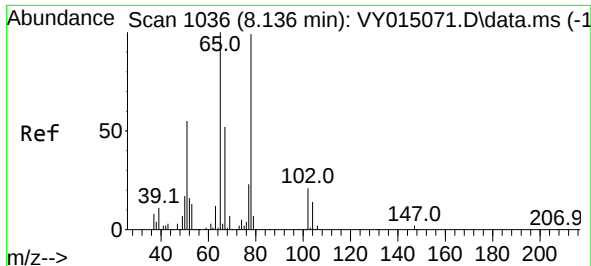
Tgt Ion:	84	Resp:	13662
Ion	Ratio	Lower	Upper
84	100		
49	117.1	106.9	160.3
51	37.3	33.2	49.8
86	61.1	51.0	76.6



#25
2-Butanone
Concen: 36.062 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion:	43	Resp:	19878
Ion	Ratio	Lower	Upper
43	100		
72	30.6	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 52.439 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

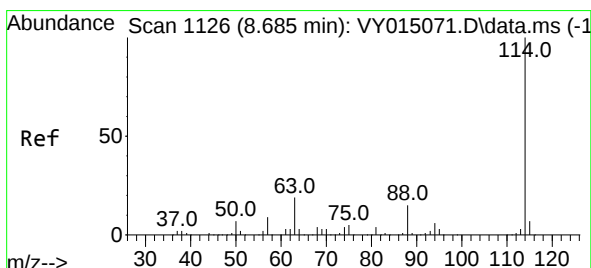
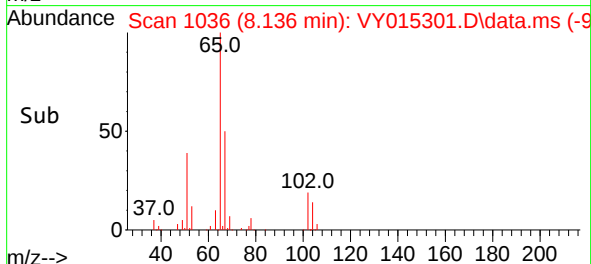
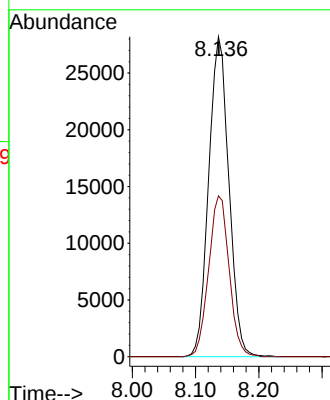
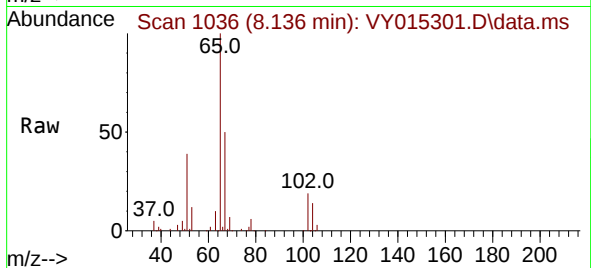
TP-11(1-2)

Tgt Ion: 65 Resp: 62491

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

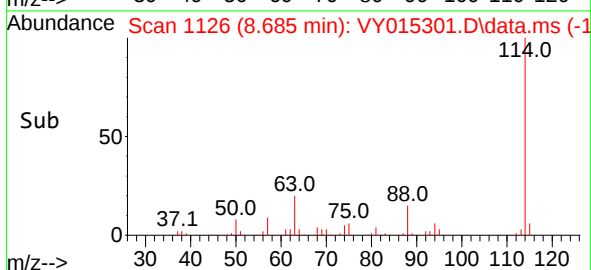
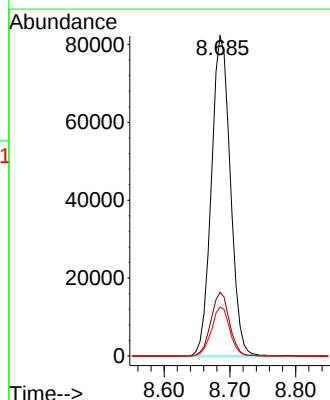
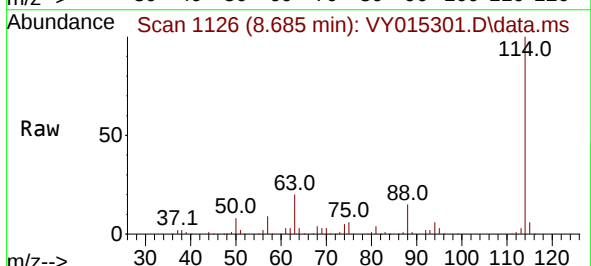
Tgt Ion: 114 Resp: 164884

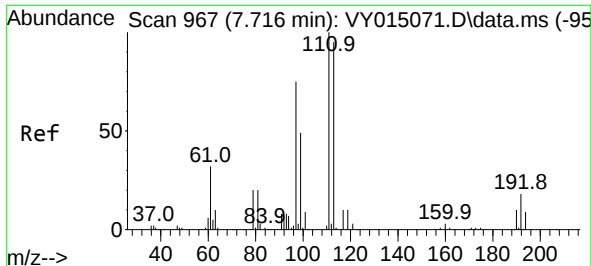
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 36.728 ug/l

RT: 7.709 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1-2)

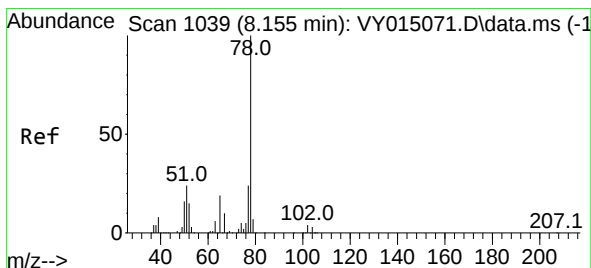
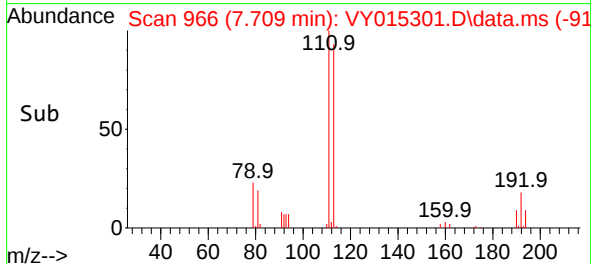
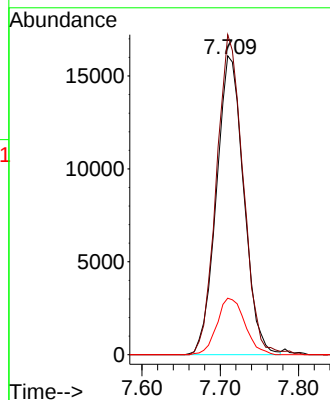
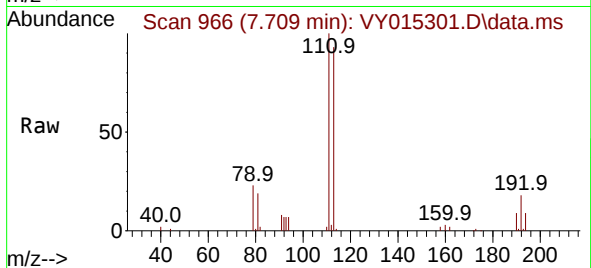
Tgt Ion:113 Resp: 38959

Ion Ratio Lower Upper

113 100

111 104.9 81.3 121.9

192 19.3 16.9 25.3



#40

Benzene

Concen: 2.767 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015301.D

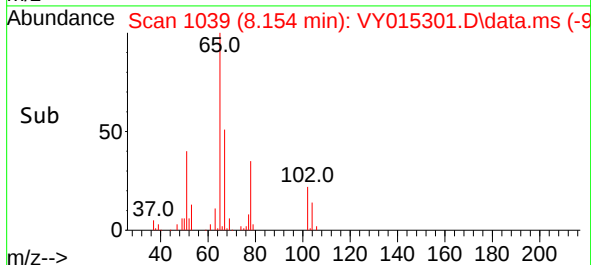
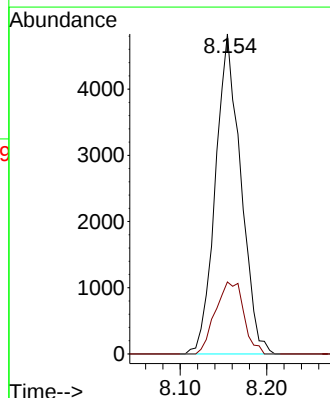
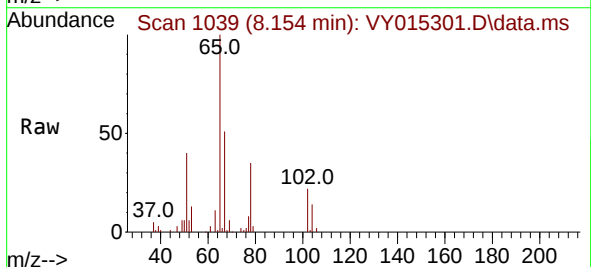
Acq: 23 Aug 2023 23:15

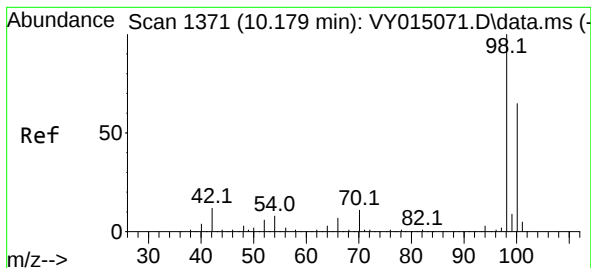
Tgt Ion: 78 Resp: 9816

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6





#50

Toluene-d8

Concen: 48.770 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

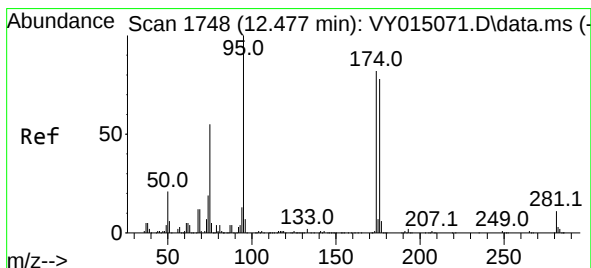
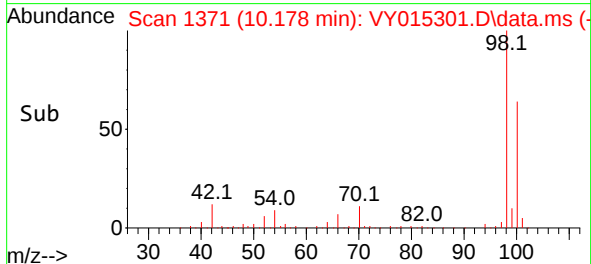
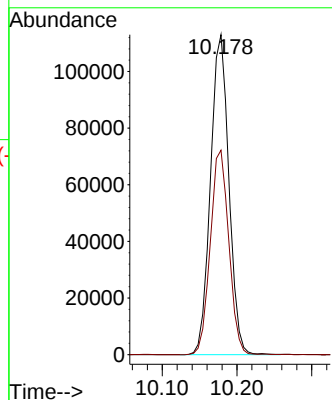
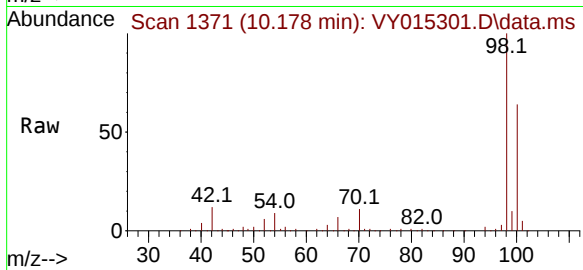
TP-11(1-2)

Tgt Ion: 98 Resp: 192581

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.922 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

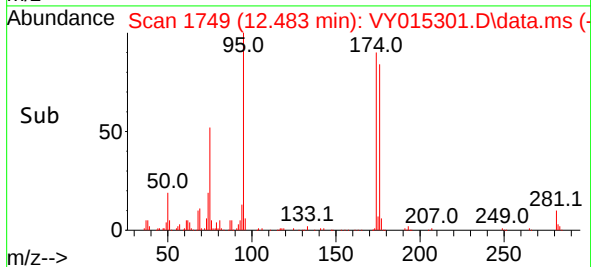
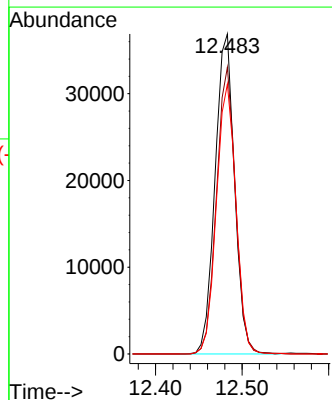
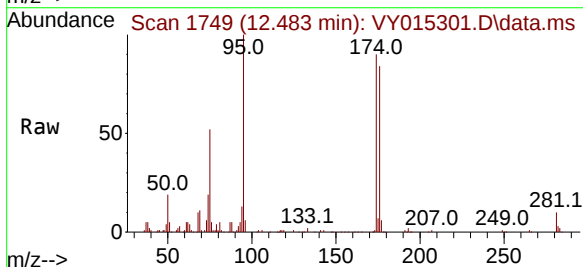
Tgt Ion: 95 Resp: 57578

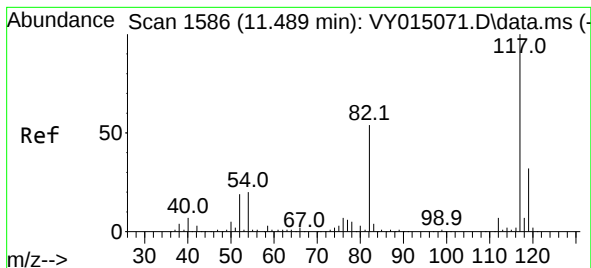
Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.2

176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1-2)

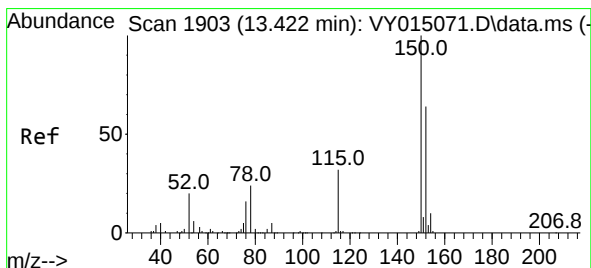
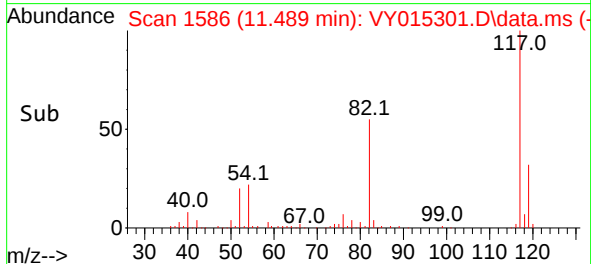
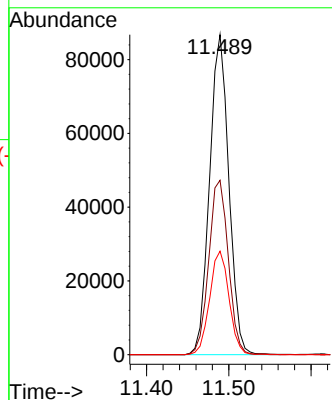
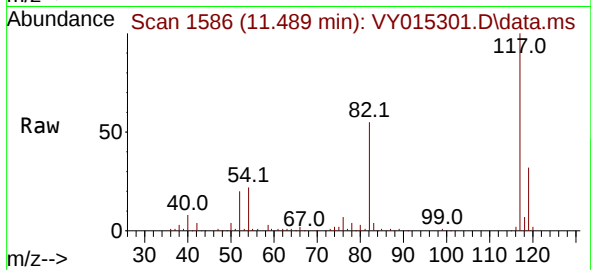
Tgt Ion:117 Resp: 141222

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Tgt Ion:152 Resp: 61916

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.7 0.0 348.8

