

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015970.D
 Acq On : 13 Oct 2023 20:10
 Operator : SY/MD
 Sample : 04887-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-622-COMP-04

Quant Time: Oct 14 01:52:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

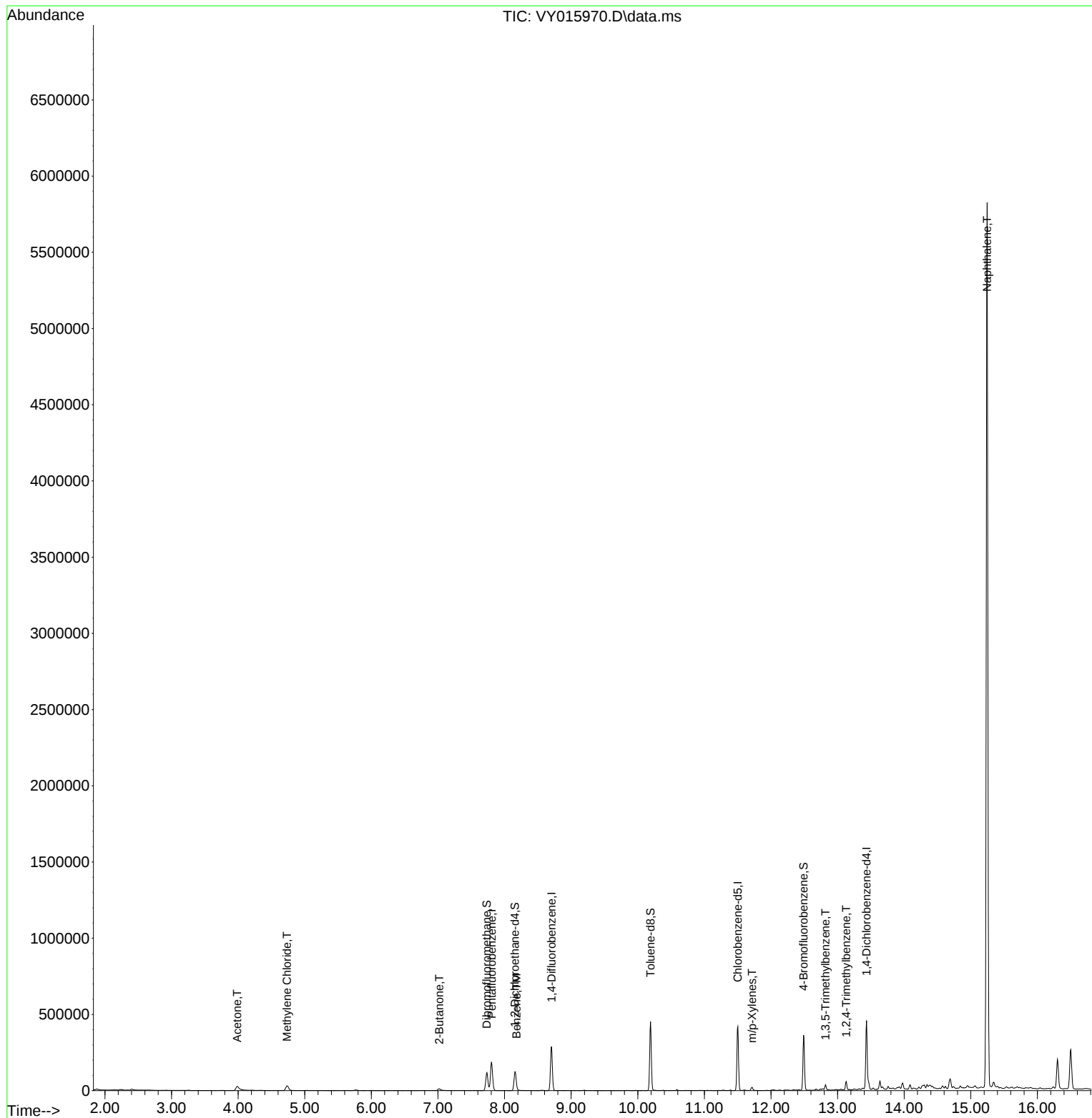
Internal Standards						
1) Pentafluorobenzene	7.807	168	144303	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	248560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	98524	59.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.640%	
35) Dibromofluoromethane	7.734	113	84146	53.774	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.191	98	294767	50.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.489	95	104763	50.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	77244	80.743	ug/l #	89
20) Methylene Chloride	4.735	84	24732	10.238	ug/l	91
25) 2-Butanone	7.021	43	24632	17.691	ug/l #	89
40) Benzene	8.179	78	10465	1.532	ug/l	95
68) m/p-Xylenes	11.715	106	5807	1.738	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	11529	1.702	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	30076	4.424	ug/l	98
95) Naphthalene	15.245	128	4684370	595.781	ug/l	99

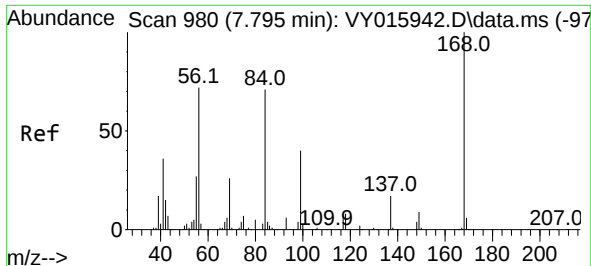
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015970.D
Acq On : 13 Oct 2023 20:10
Operator : SY/MD
Sample : 04887-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

Quant Time: Oct 14 01:52:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

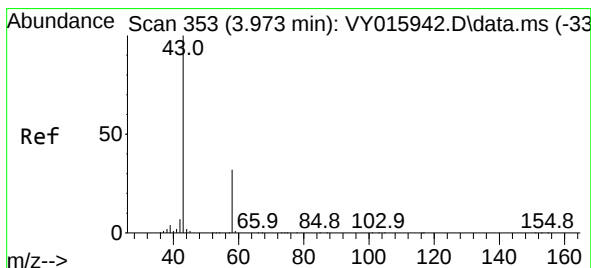
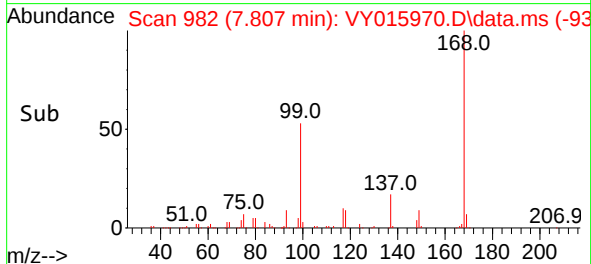
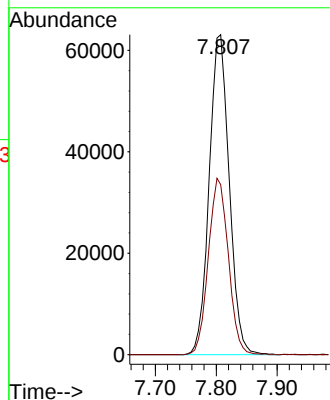
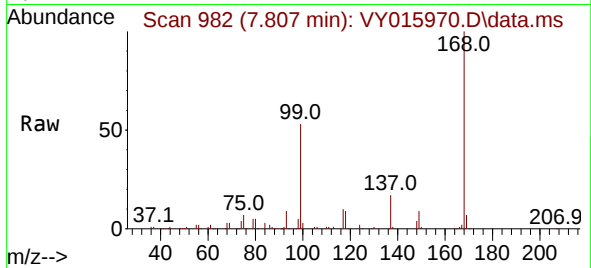




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

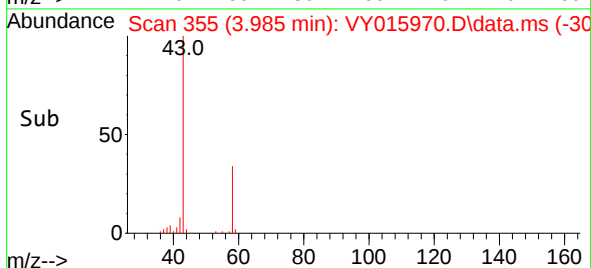
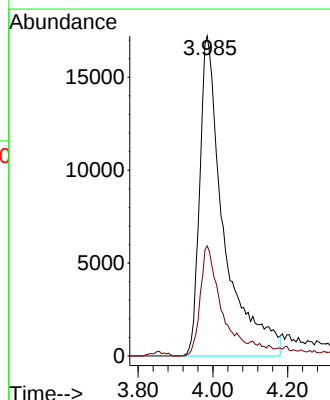
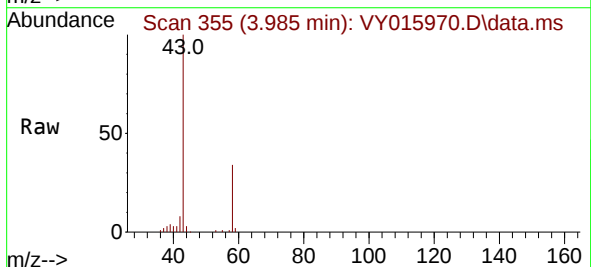
Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

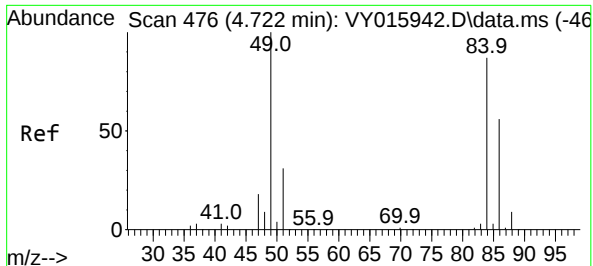
Tgt Ion:168 Resp: 144303
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#16
Acetone
Concen: 80.743 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Tgt Ion: 43 Resp: 77244
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#

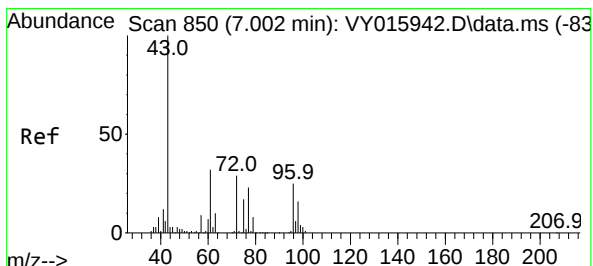
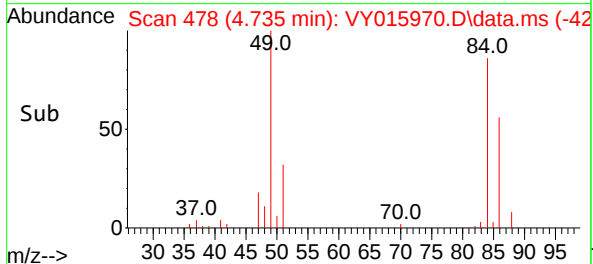
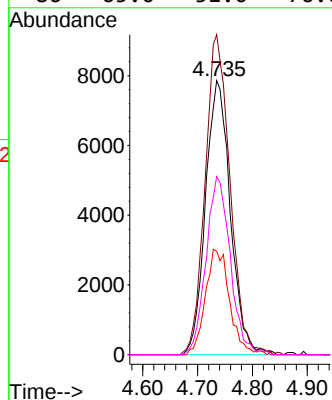
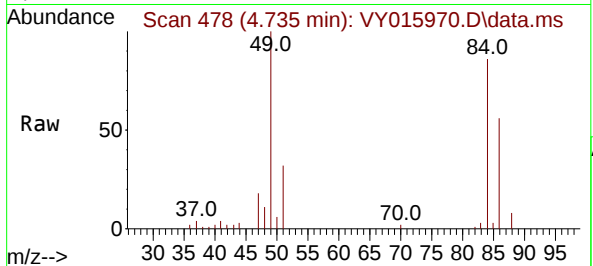




#20
Methylene Chloride
Concen: 10.238 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

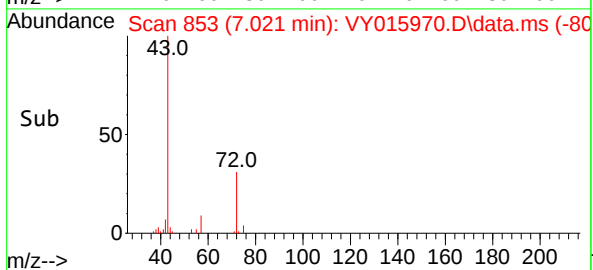
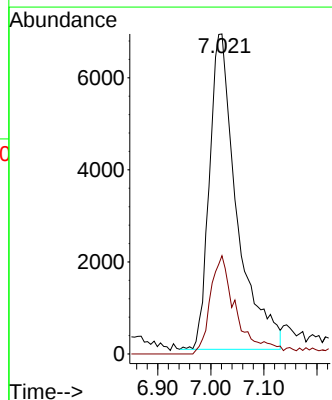
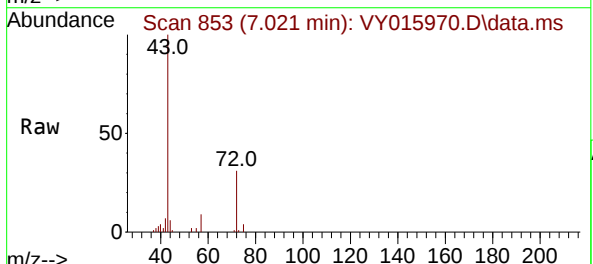
Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

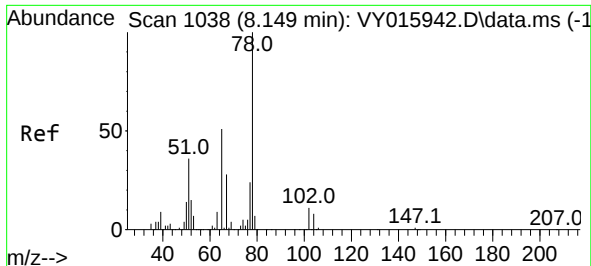
Tgt Ion:	84	Resp:	24732
Ion	Ratio	Lower	Upper
84	100		
49	116.8	106.9	160.3
51	37.8	33.2	49.8
86	65.0	51.0	76.6



#25
2-Butanone
Concen: 17.691 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Tgt Ion:	43	Resp:	24632
Ion	Ratio	Lower	Upper
43	100		
72	31.1	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 59.824 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015970.D

Acq: 13 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

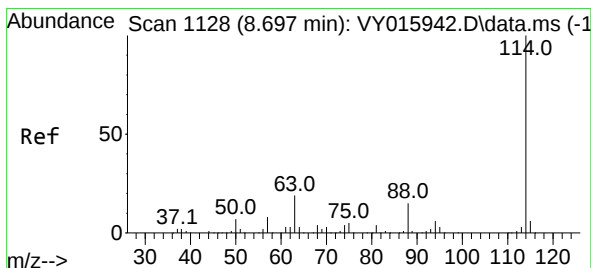
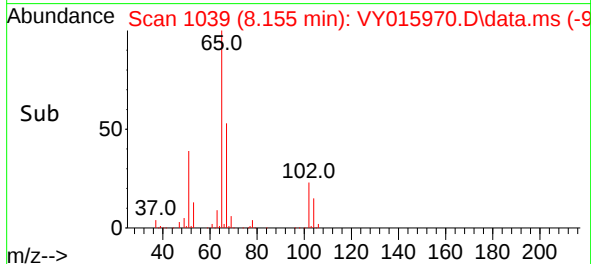
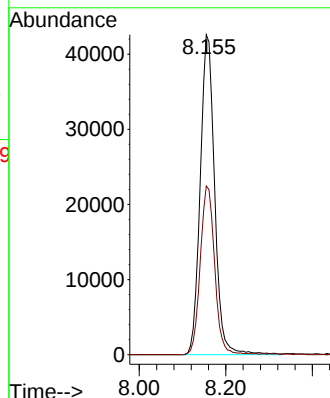
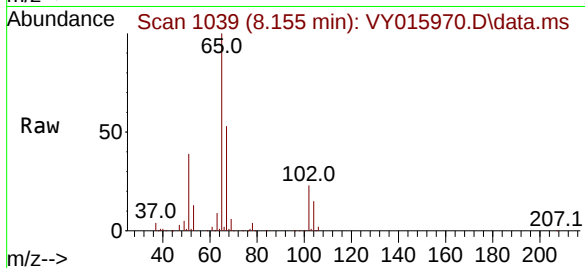
SU-622-COMP-04

Tgt Ion: 65 Resp: 98524

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015970.D

Acq: 13 Oct 2023 20:10

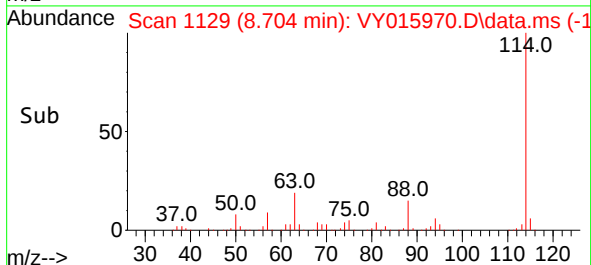
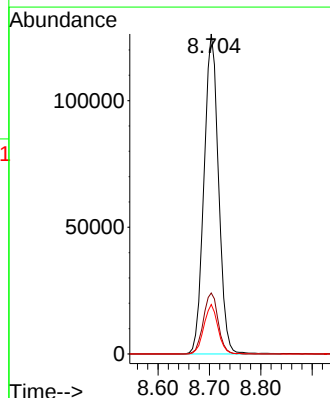
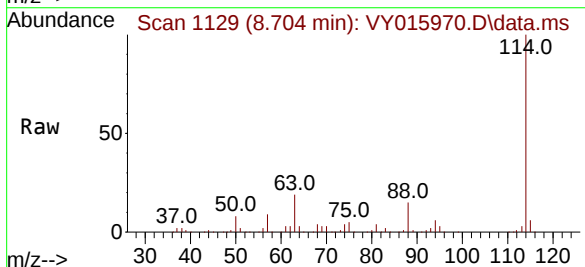
Tgt Ion: 114 Resp: 248560

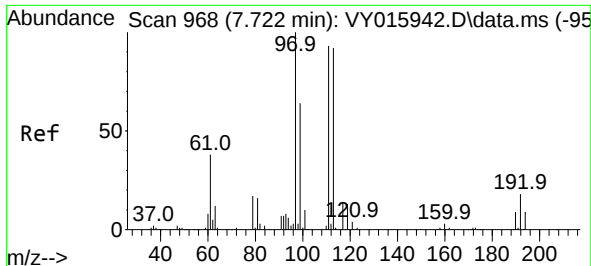
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

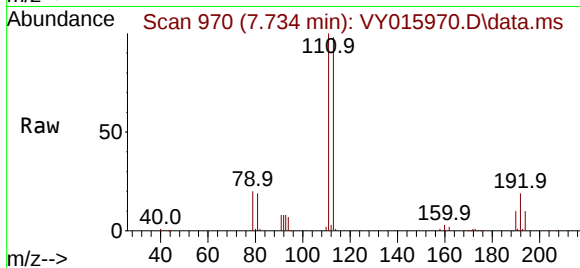
88 15.5 0.0 30.6



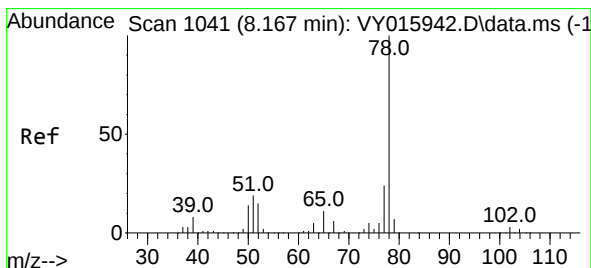
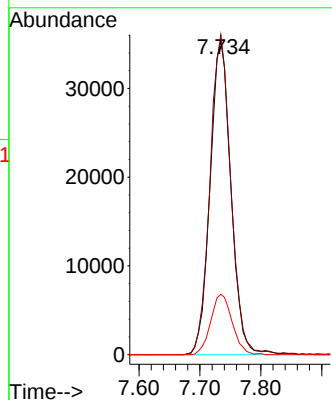
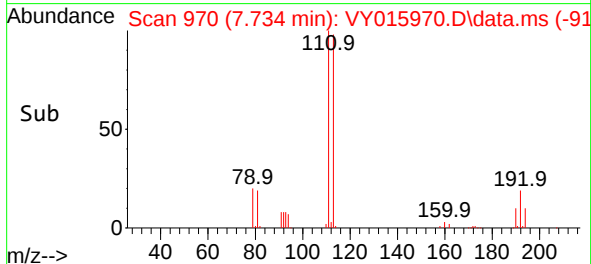


#35
Dibromofluoromethane
Concen: 53.774 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

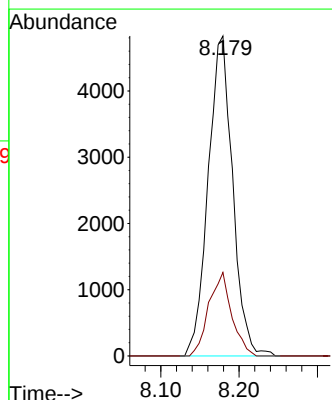
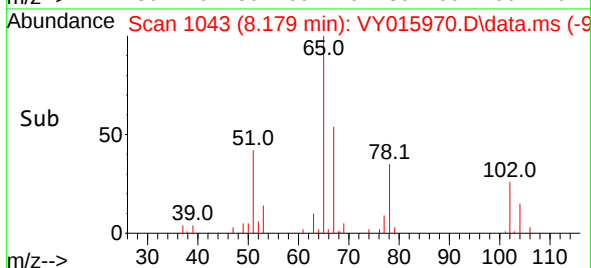
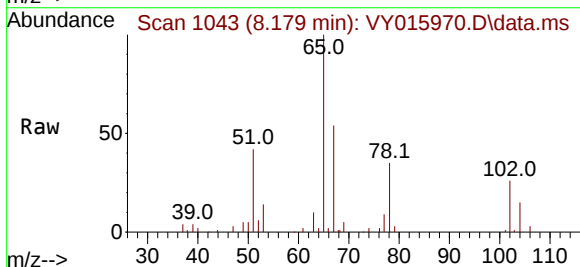


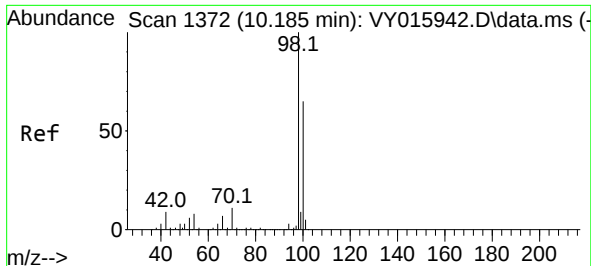
Tgt Ion:113 Resp: 84146
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3



#40
Benzene
Concen: 1.532 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Tgt Ion: 78 Resp: 10465
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.6

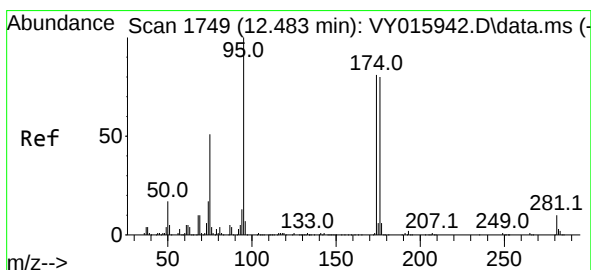
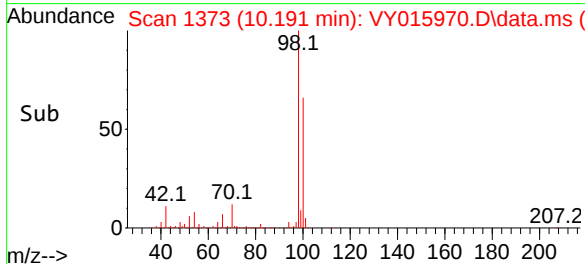
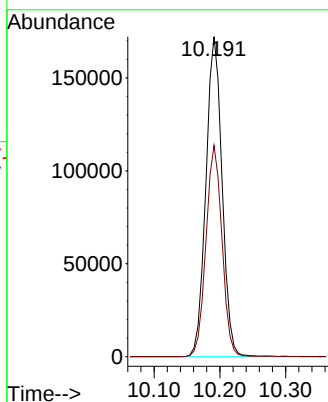
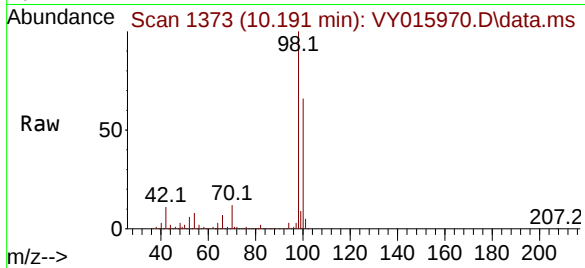




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

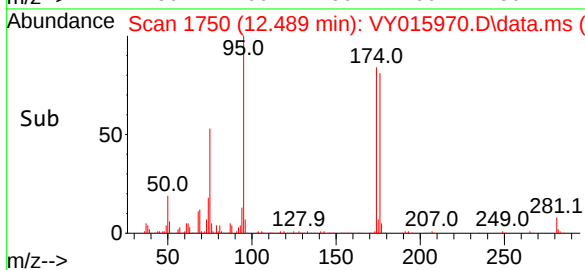
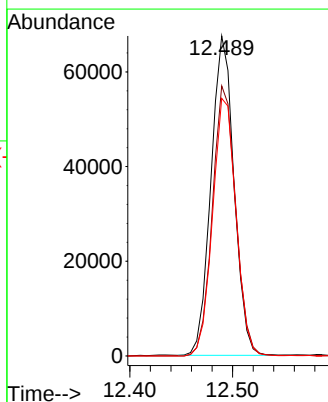
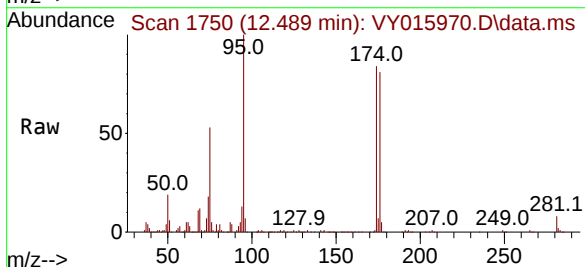
Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

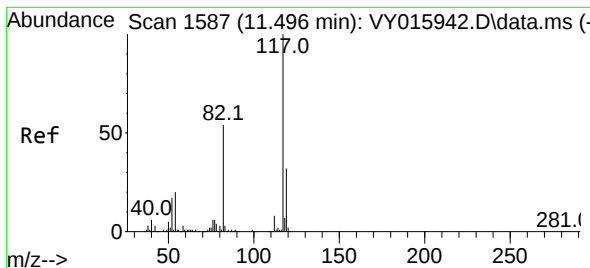
Tgt Ion: 98 Resp: 294767
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.205 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Tgt Ion: 95 Resp: 104763
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015970.D

Acq: 13 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SU-622-COMP-04

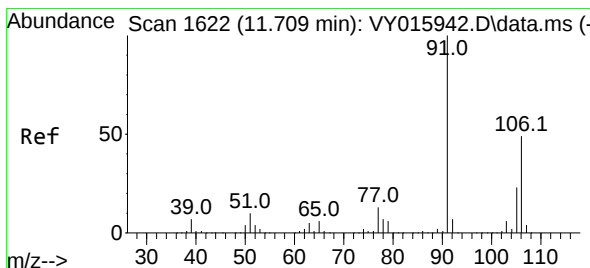
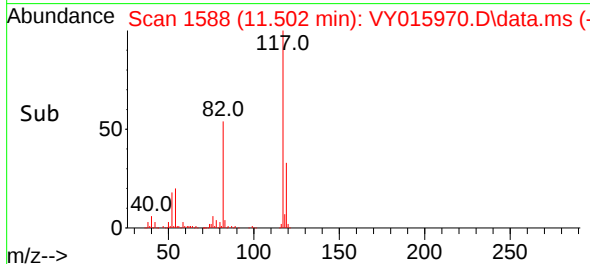
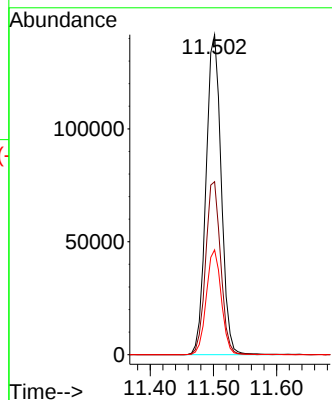
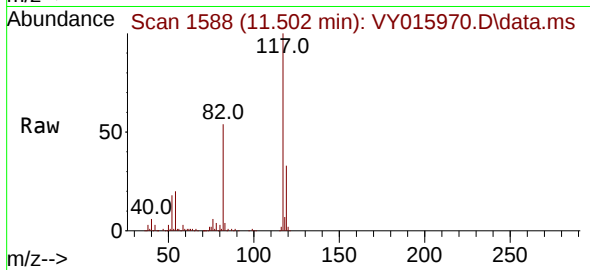
Tgt Ion:117 Resp: 236377

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.8 26.3 39.5



#68

m/p-Xylenes

Concen: 1.738 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY015970.D

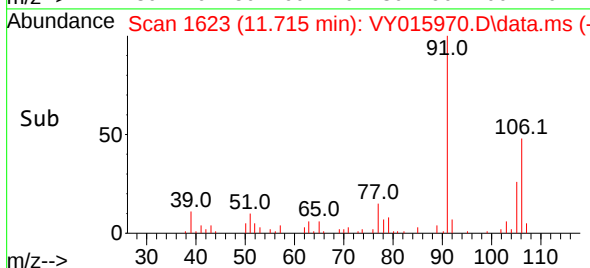
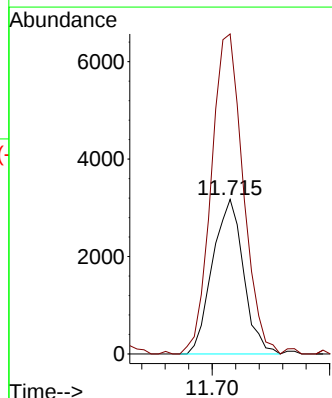
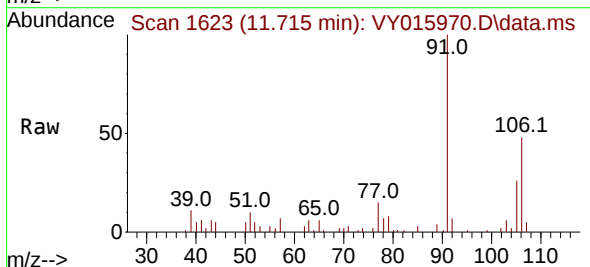
Acq: 13 Oct 2023 20:10

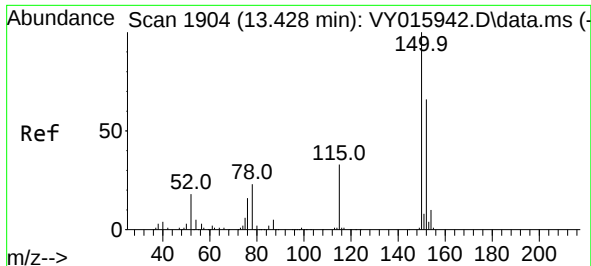
Tgt Ion:106 Resp: 5807

Ion Ratio Lower Upper

106 100

91 212.9 166.1 249.1

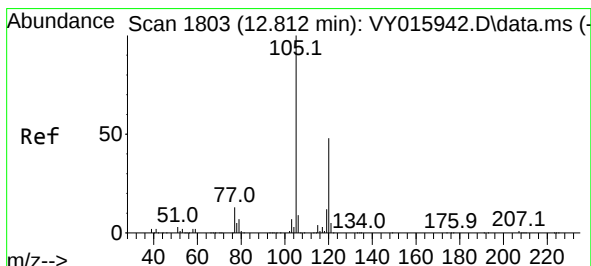
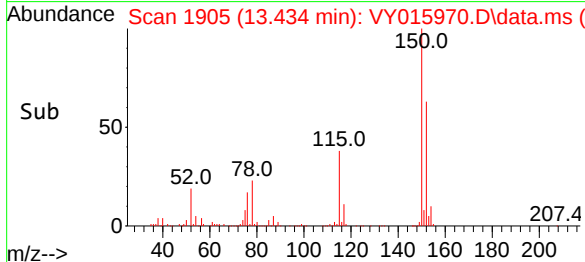
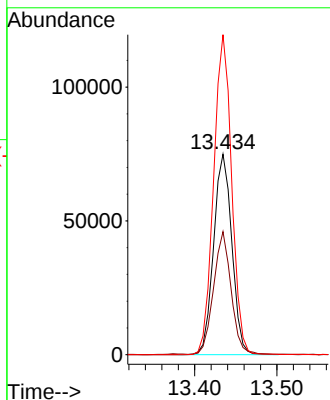
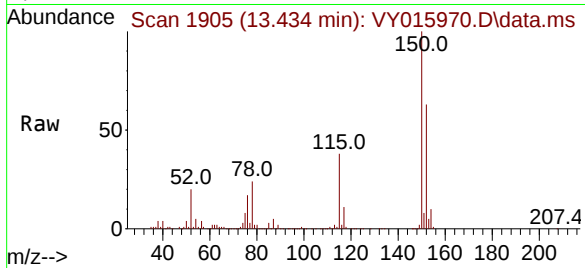




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY015970.D
 Acq: 13 Oct 2023 20:10

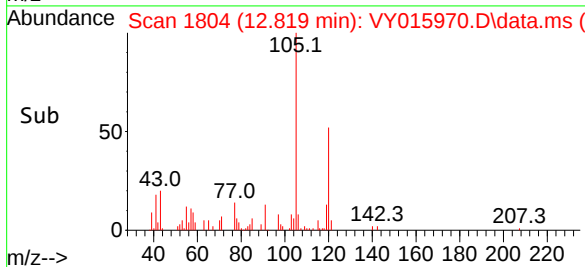
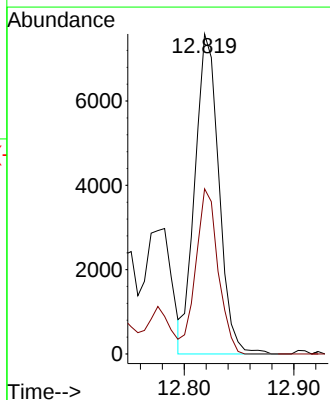
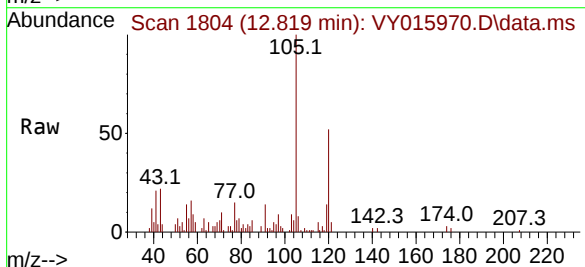
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-622-COMP-04

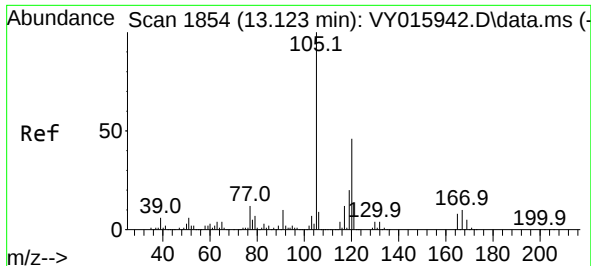
Tgt Ion:152 Resp: 115155
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 157.7 0.0 348.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.702 ug/l
 RT: 12.819 min Scan# 1804
 Delta R.T. 0.006 min
 Lab File: VY015970.D
 Acq: 13 Oct 2023 20:10

Tgt Ion:105 Resp: 11529
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.7

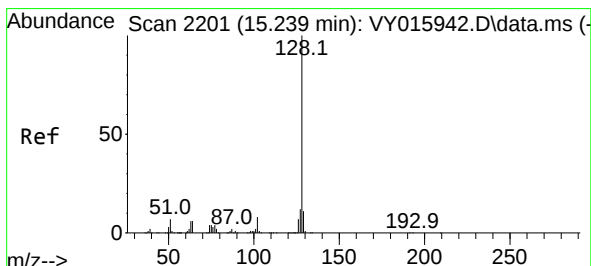
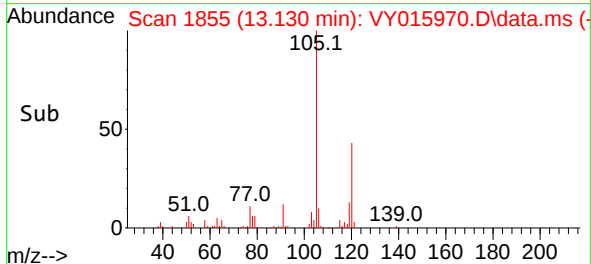
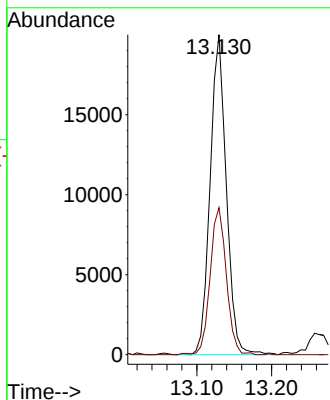
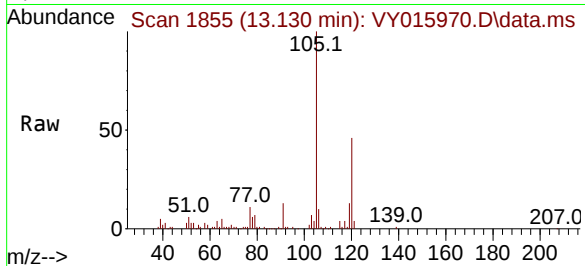




#84
1,2,4-Trimethylbenzene
Concen: 4.424 ug/l
RT: 13.130 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

Tgt Ion:105 Resp: 30076
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6



#95
Naphthalene
Concen: 595.781 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY015970.D
Acq: 13 Oct 2023 20:10

Tgt Ion:128 Resp: 4684370
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.2 8.6 13.0

