

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006967.D
 Acq On : 06 Dec 2021 17:41
 Operator : SY/MD
 Sample : M4887-12
 Misc : 5.58g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A7

Quant Time: Dec 07 00:48:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

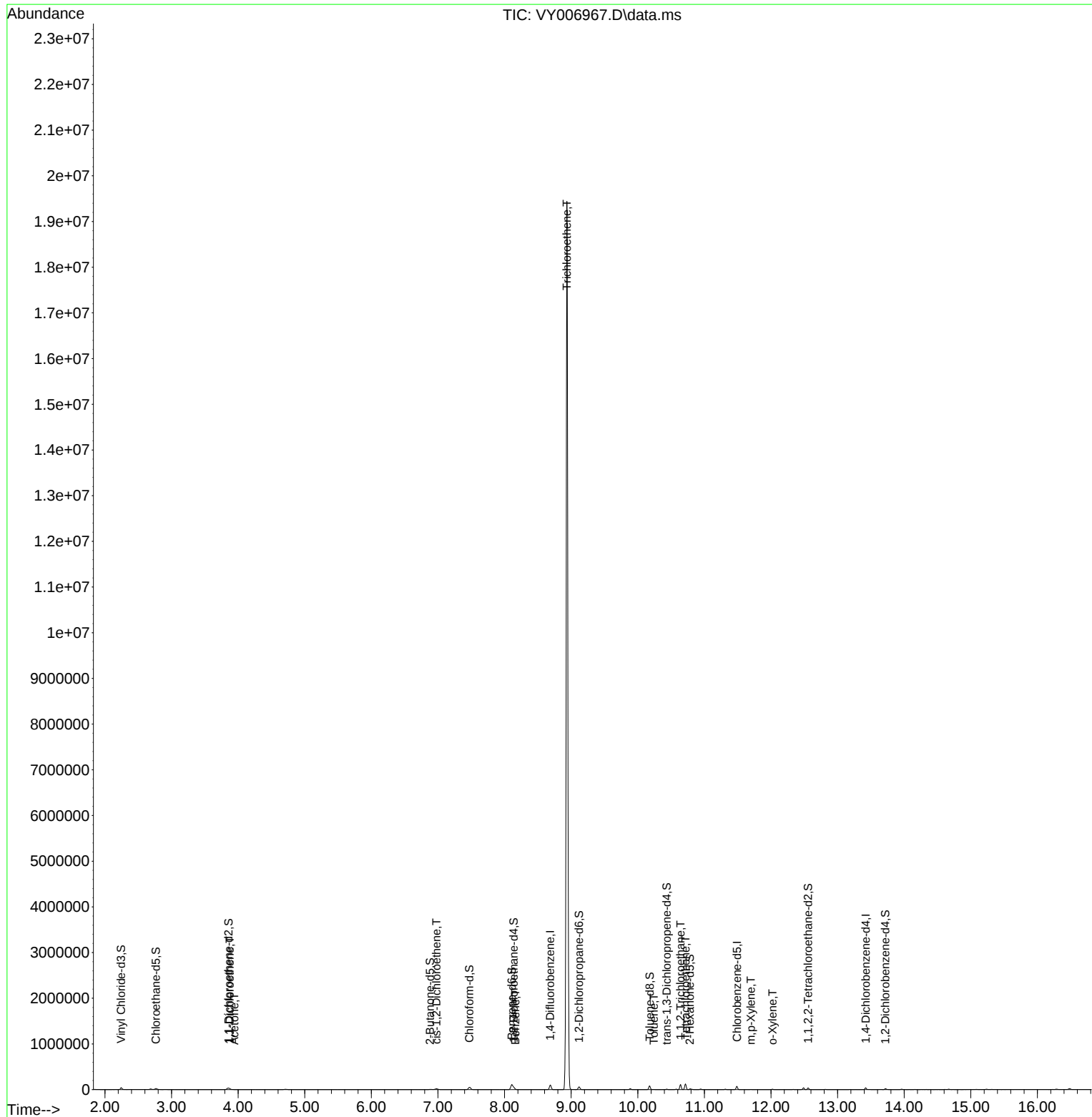
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	79808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	35660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	9323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	40726	39.622	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 158.480%#	
7) Chloroethane-d5	2.766	69	27848	34.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 138.160%	
11) 1,1-Dichloroethene-d2	3.857	63	39101	18.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 73.200%	
21) 2-Butanone-d5	6.881	46	9768	24.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 49.200%	
24) Chloroform-d	7.472	84	50676	25.479	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.920%	
26) 1,2-Dichloroethane-d4	8.137	65	29041	24.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.320%	
32) Benzene-d6	8.106	84	90575	47.816	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 191.280%#	
36) 1,2-Dichloropropane-d6	9.118	67	27319	45.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 183.600%#	
41) Toluene-d8	10.179	98	50678	28.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.240%	
43) trans-1,3-Dichloroprop...	10.435	79	5755	19.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 79.960%	
47) 2-Hexanone-d5	10.782	63	5308	38.534	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 77.060%	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	17631	35.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 142.240%#	
66) 1,2-Dichlorobenzene-d4	13.715	152	4809	15.818	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 63.280%#	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.875	96	2305	2.134	ug/L	# 1
13) Acetone	3.942	43	1433	3.939	ug/L	68
20) cis-1,2-Dichloroethene	6.978	96	5794	4.692	ug/L	92
33) Benzene	8.161	78	2623	1.094	ug/L	100
34) Trichloroethene	8.935	95	5759285	9752.932	ug/L	93
42) Toluene	10.240	91	2619	1.024	ug/L	80
45) 1,1,2-Trichloroethane	10.642	97	29753	65.710	ug/L	98
46) Tetrachloroethene	10.715	164	24141	48.795	ug/L	96
53) m,p-Xylene	11.697	106	1272	1.223	ug/L	85
54) o-Xylene	12.026	106	815	0.833	ug/L	# 56

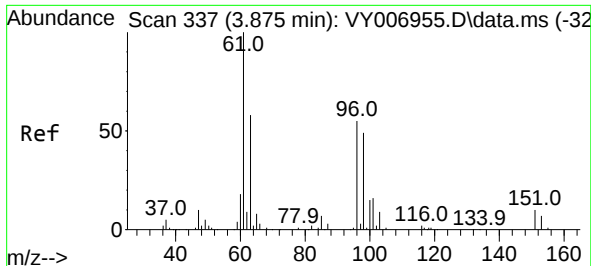
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.134 ug/L

RT: 3.875 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY006967.D

Acq: 06 Dec 2021 17:41

Instrument :

MSVOA_Y

ClientSampleId :

EX8A7

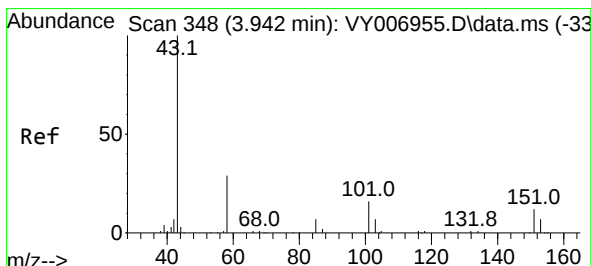
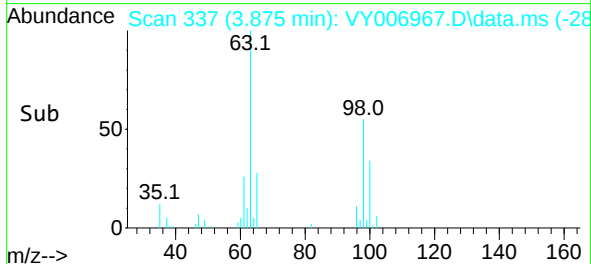
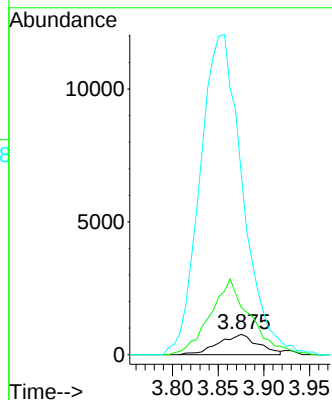
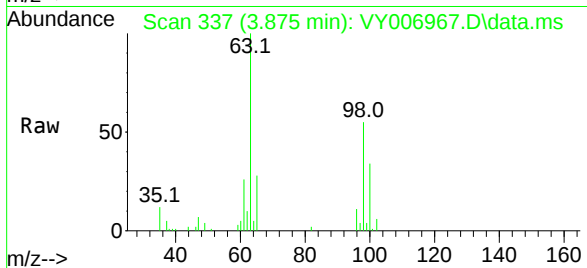
Tgt Ion: 96 Resp: 2305

Ion Ratio Lower Upper

96 100

61 232.8 123.3 229.1#

63 895.0 91.2 169.4#



#13

Acetone

Concen: 3.939 ug/L

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY006967.D

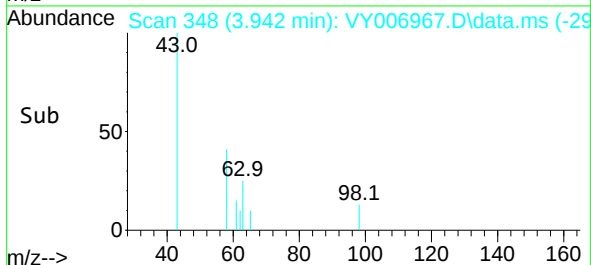
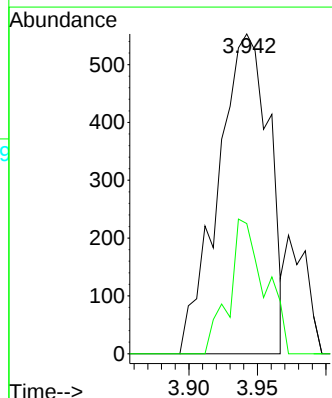
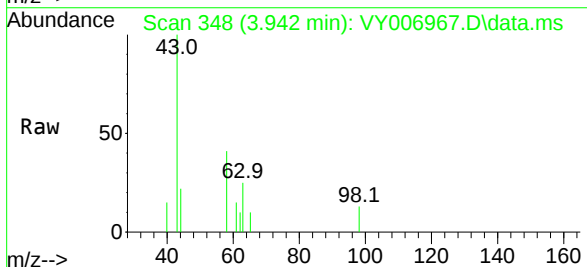
Acq: 06 Dec 2021 17:41

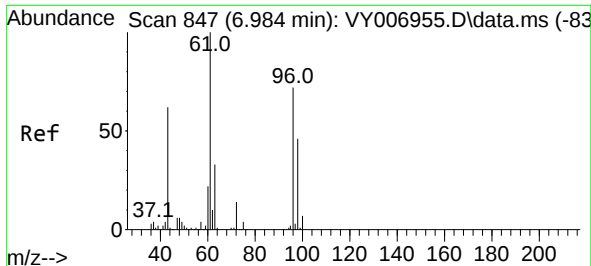
Tgt Ion: 43 Resp: 1433

Ion Ratio Lower Upper

43 100

58 13.0 0.0 60.8

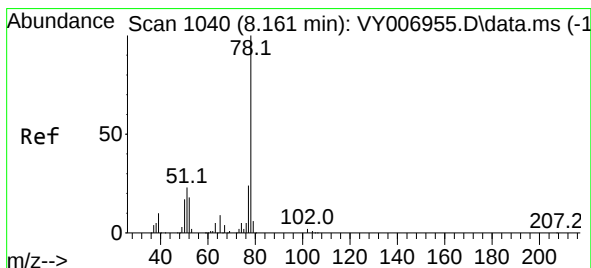
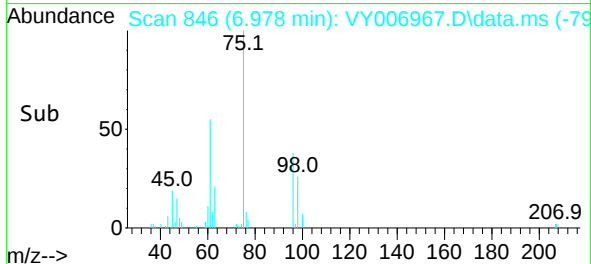
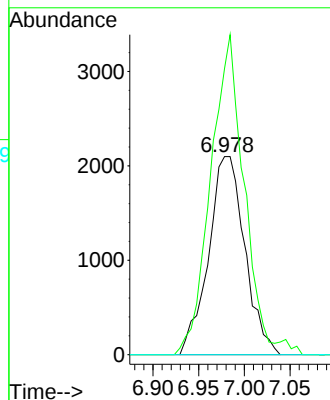
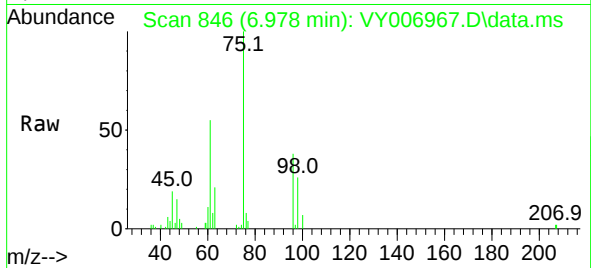




#20
 cis-1,2-Dichloroethene
 Concen: 4.692 ug/L
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY006967.D
 Acq: 06 Dec 2021 17:41

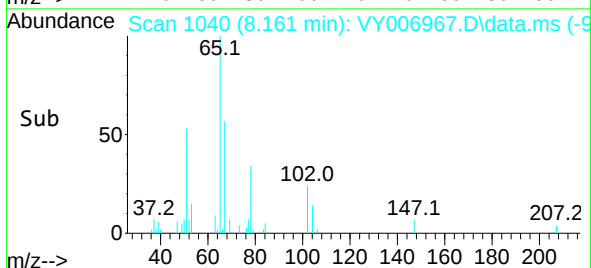
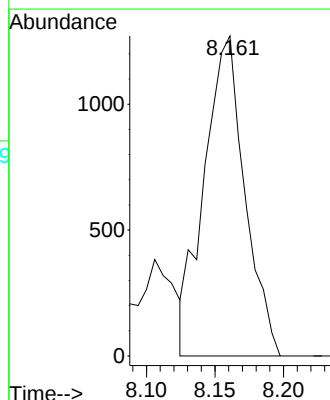
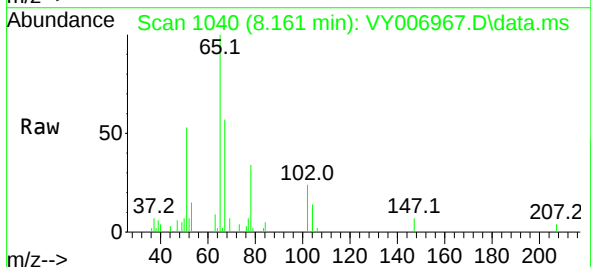
Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A7

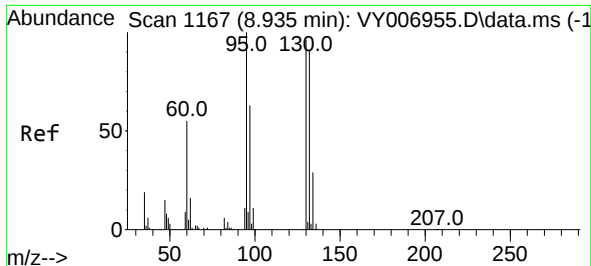
Tgt Ion: 96 Resp: 5794
 Ion Ratio Lower Upper
 96 100
 61 144.4 94.2 175.0
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 1.094 ug/L
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY006967.D
 Acq: 06 Dec 2021 17:41

Tgt Ion: 78 Resp: 2623



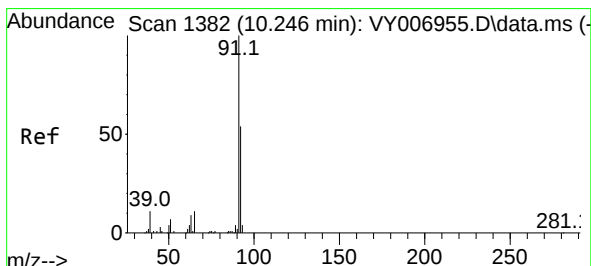
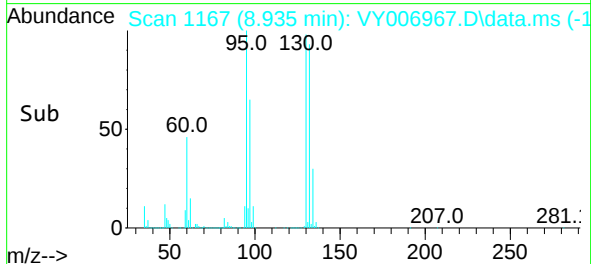
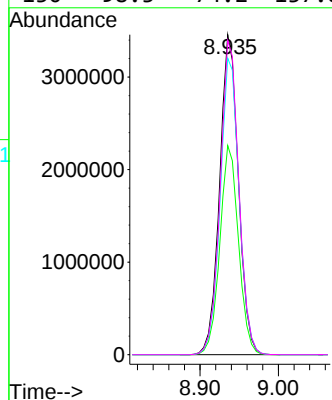
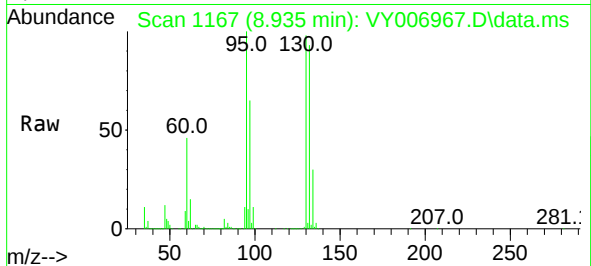


#34
Trichloroethene
Concen: 9752.932 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY006967.D
Acq: 06 Dec 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

Tgt Ion: 95 Resp: 5759285

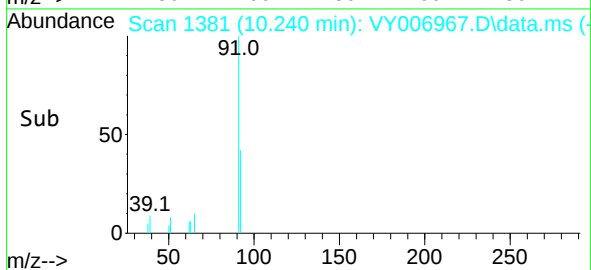
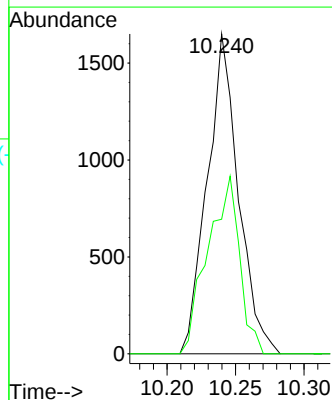
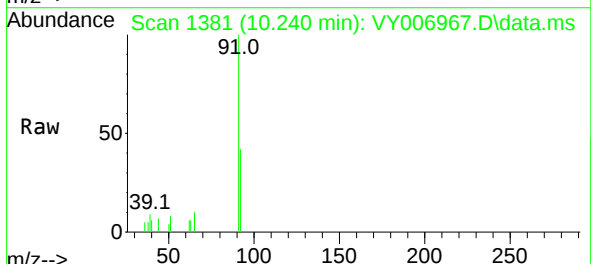
Ion	Ratio	Lower	Upper
95	100		
97	65.4	47.3	87.8
132	92.6	71.3	132.5
130	98.3	74.2	137.8

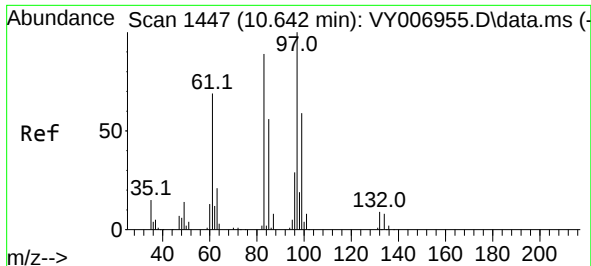


#42
Toluene
Concen: 1.024 ug/L
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY006967.D
Acq: 06 Dec 2021 17:41

Tgt Ion: 91 Resp: 2619

Ion	Ratio	Lower	Upper
91	100		
92	42.1	39.8	74.0





#45

1,1,2-Trichloroethane

Concen: 65.710 ug/L

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY006967.D

Acq: 06 Dec 2021 17:41

Instrument :

MSVOA_Y

ClientSampleId :

EX8A7

Tgt Ion: 97 Resp: 29753

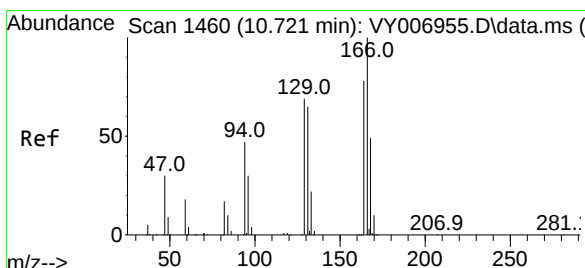
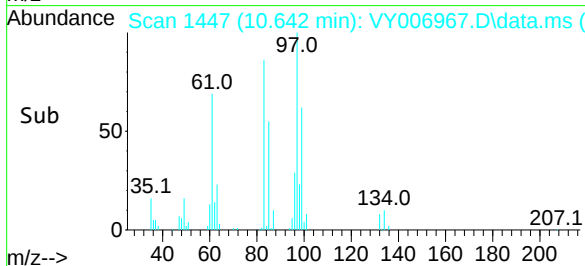
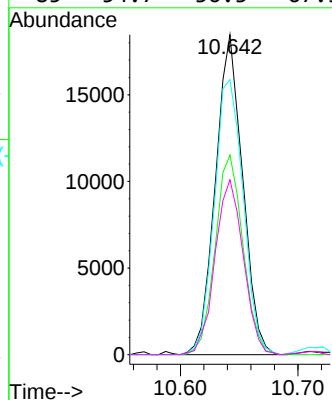
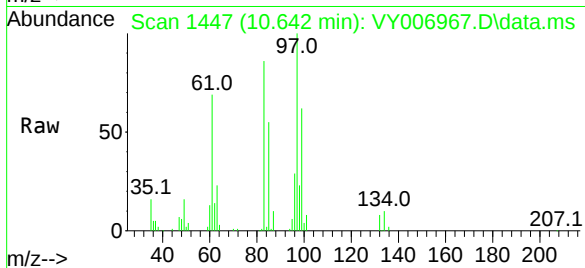
Ion Ratio Lower Upper

97 100

99 62.4 43.0 79.8

83 86.0 58.9 109.3

85 54.7 36.3 67.3



#46

Tetrachloroethene

Concen: 48.795 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY006967.D

Acq: 06 Dec 2021 17:41

Tgt Ion:164 Resp: 24141

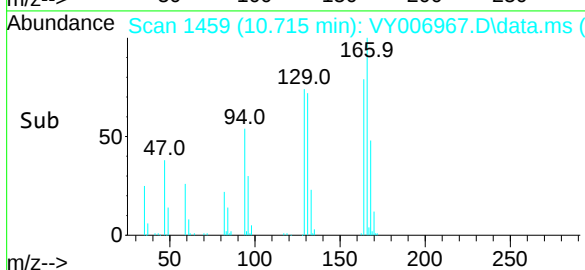
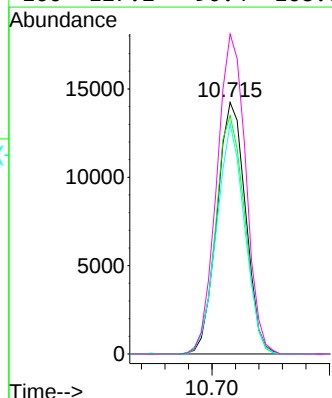
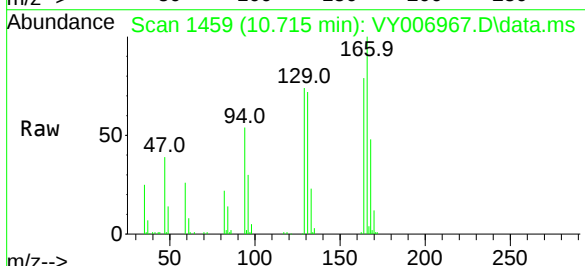
Ion Ratio Lower Upper

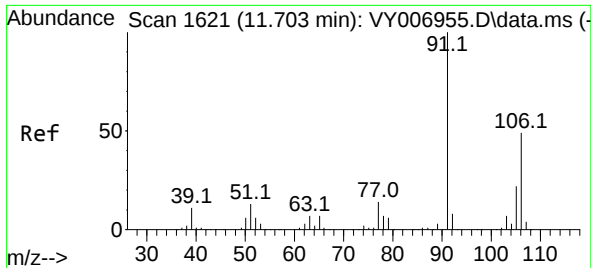
164 100

129 94.7 62.1 115.3

131 91.6 61.0 113.2

166 127.2 90.4 168.0

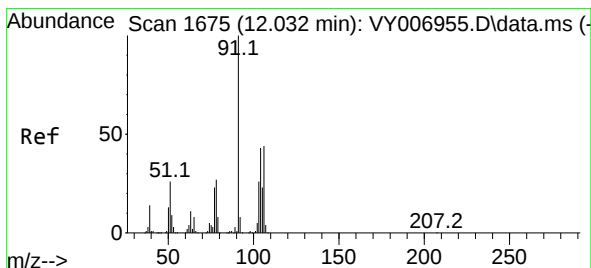
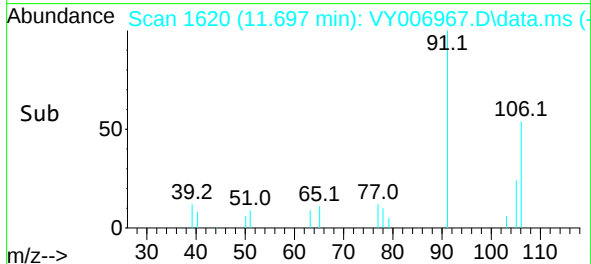
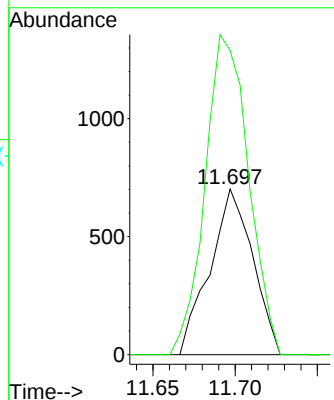
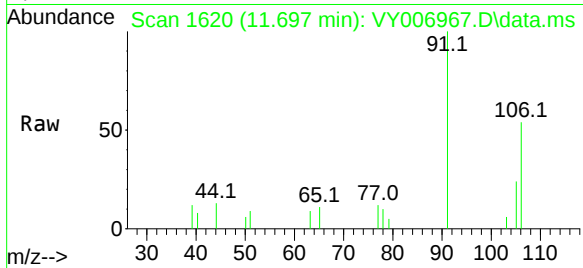




#53
m,p-Xylene
Concen: 1.223 ug/L
RT: 11.697 min Scan# 11697
Delta R.T. -0.006 min
Lab File: VY006967.D
Acq: 06 Dec 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :
EX8A7

Tgt Ion:106 Resp: 1272
Ion Ratio Lower Upper
106 100
91 183.6 144.7 268.7



#54
o-Xylene
Concen: 0.833 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY006967.D
Acq: 06 Dec 2021 17:41

Tgt Ion:106 Resp: 815
Ion Ratio Lower Upper
106 100
91 293.4 155.5 288.7#

