

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008280.D
 Acq On : 15 Oct 2018 17:46
 Operator : SY/MD
 Sample : J5407-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS4

Quant Time: Oct 19 16:12:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	69349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	60460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17384	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	15486	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.14	63	28520	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.96	46	62463	47.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.41	84	39280	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.09	65	20993	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	88242	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	29615	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	77968	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	8338	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	41205	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17794	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	22551	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

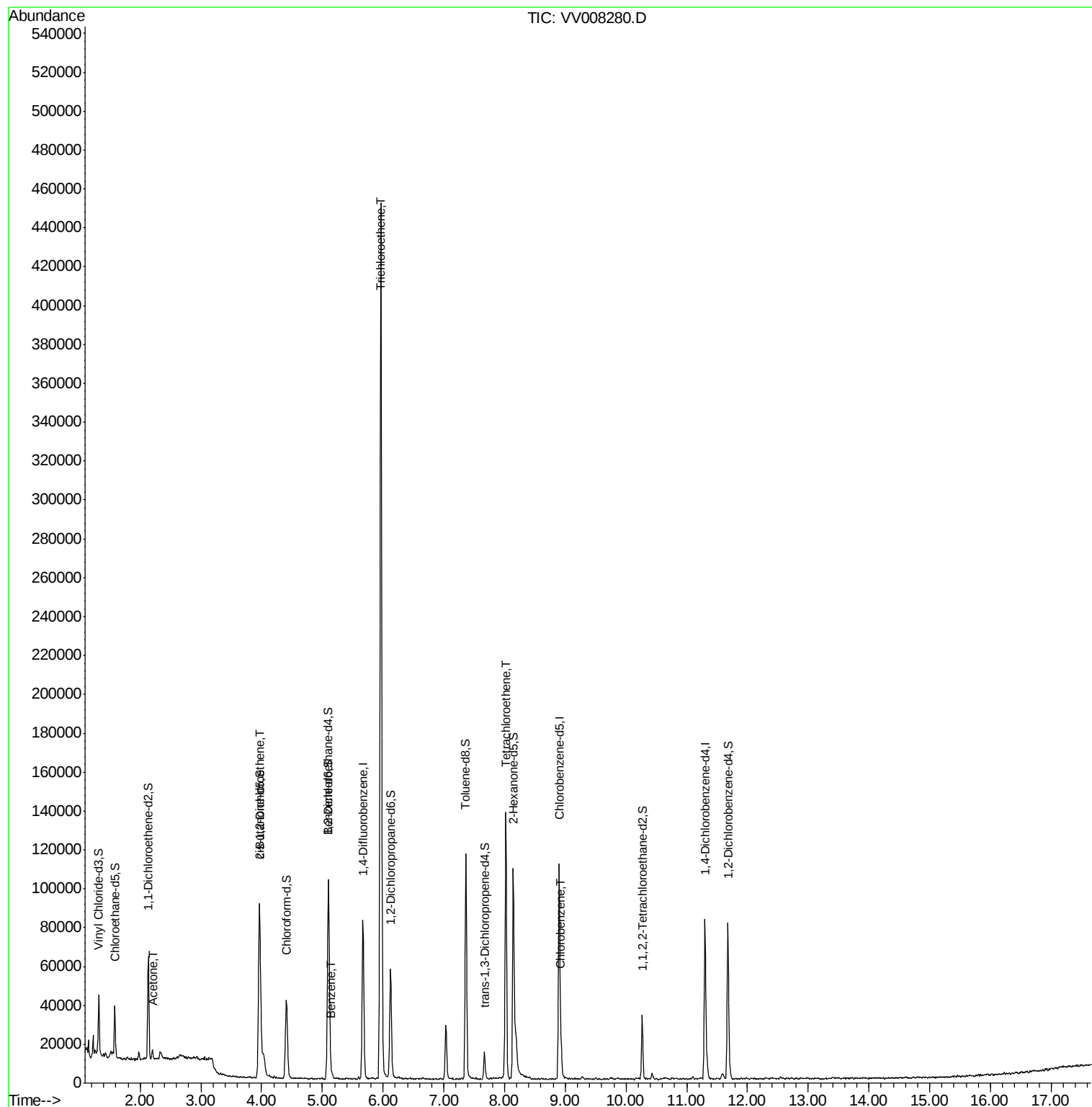
					Ovalue
13) Acetone	2.20	43	5189	7.296	ug/L 87
22) cis-1,2-Dichloroethene	3.97	96	31957	5.522	ug/L # 100
33) Benzene	5.15	78	2306	0.113	ug/L 100
34) Trichloroethene	5.96	95	163560	28.969	ug/L 99
47) Tetrachloroethene	8.02	164	28678	8.107	ug/L 94
51) Chlorobenzene	8.93	112	8853	0.702	ug/L 95

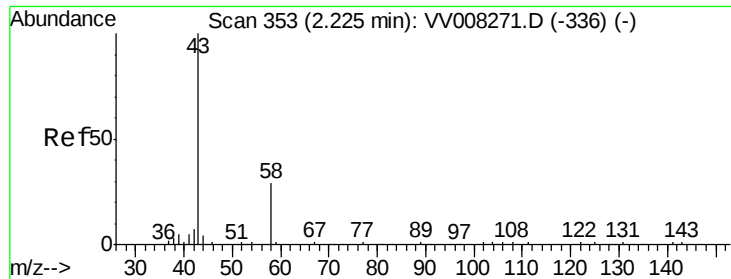
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 05:17:07 2018
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#13

Acetone

Concen: 7.296 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV008280.D

Acq: 15 Oct 2018 17:46

Instrument :

MSVOA_V

ClientSampleId :

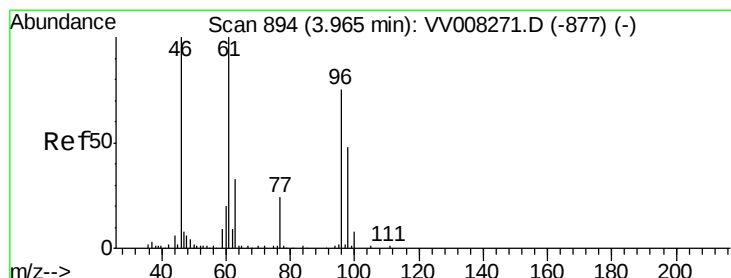
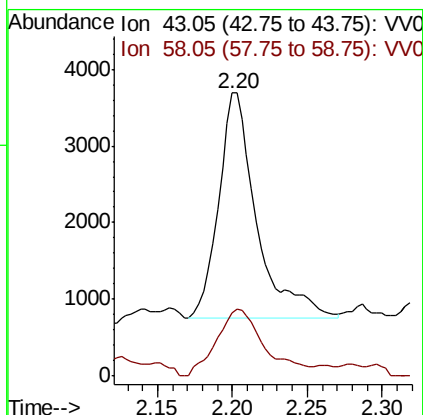
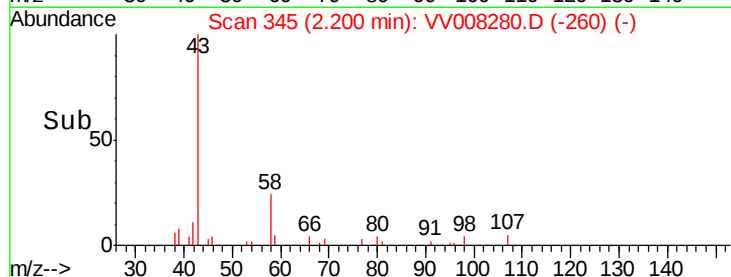
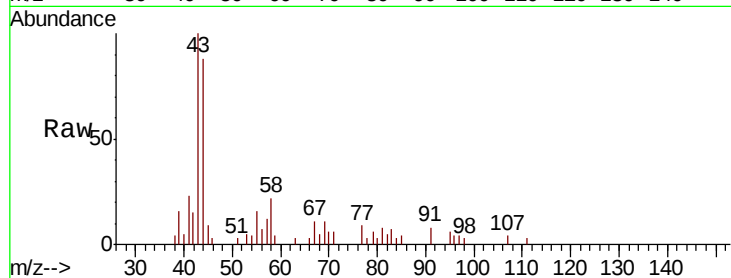
CWJS4

Tot Ion: 43 Resp: 5189

Ion Ratio Lower Upper

43 100

58 38.0 0.0 62.0



#22

cis-1,2-Dichloroethene

Concen: 5.522 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008280.D

Acq: 15 Oct 2018 17:46

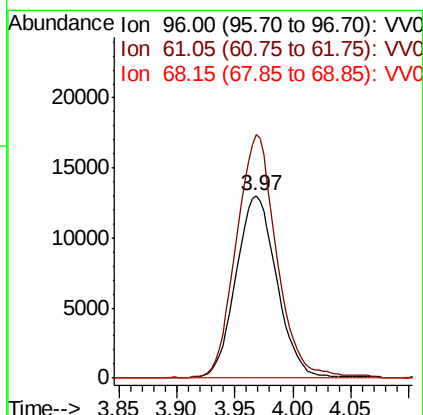
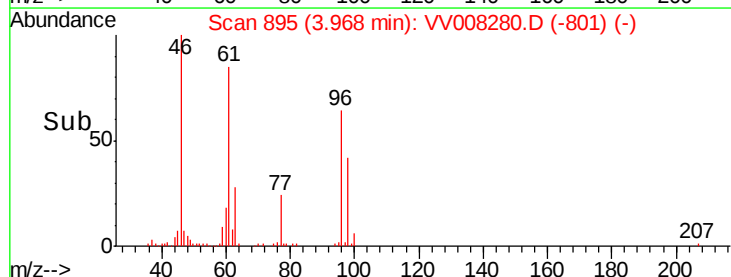
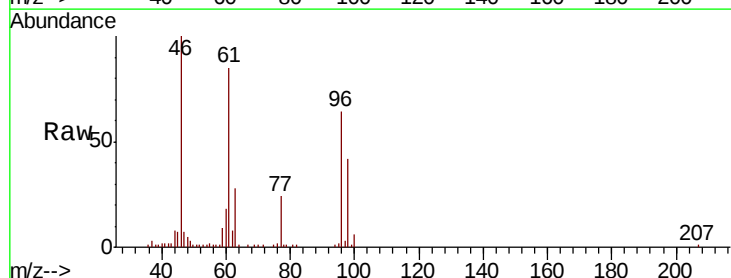
Tgt Ion: 96 Resp: 31957

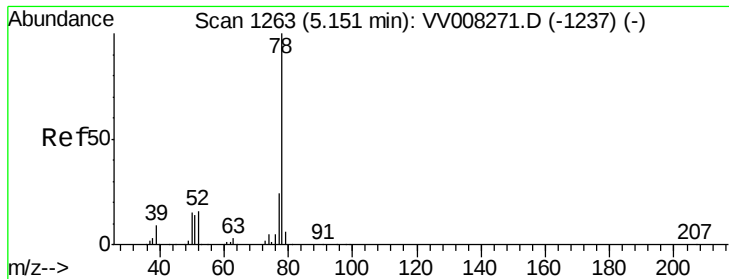
Ion Ratio Lower Upper

96 100

61 133.6 93.7 174.1

68 0.0 0.6 1.2#

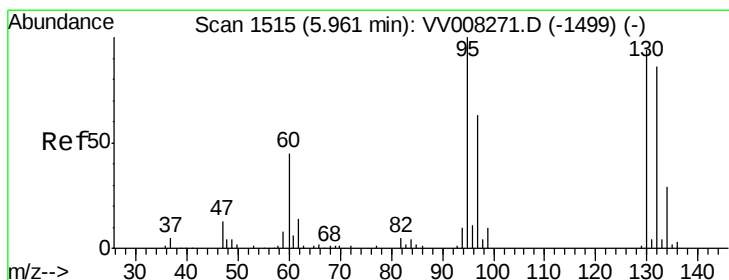
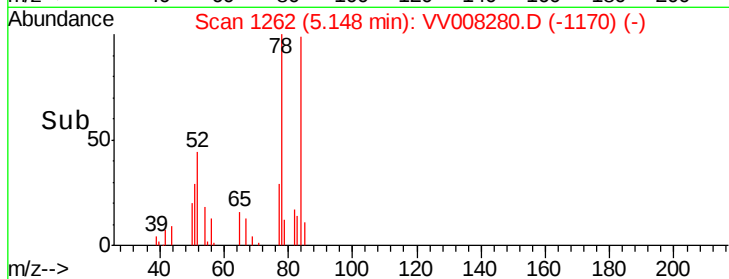
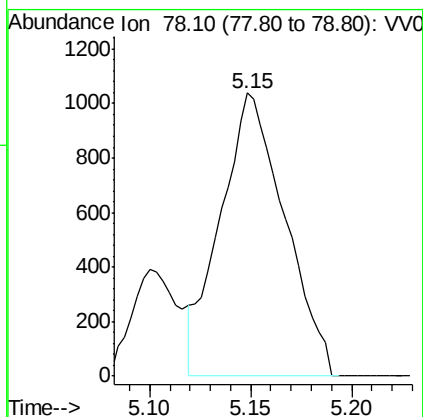
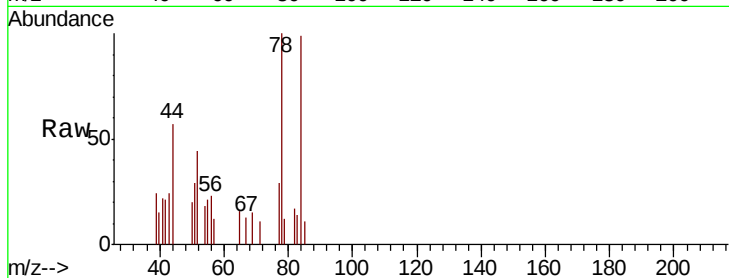




#33
Benzene
Concen: 0.113 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV008280.D
Acq: 15 Oct 2018 17:46

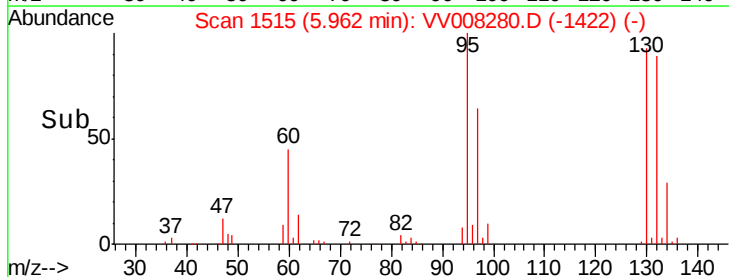
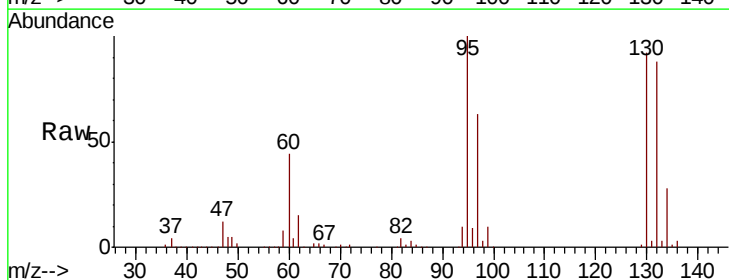
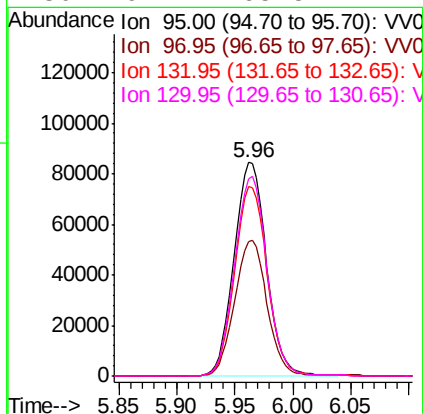
Instrument :
MSVOA_V
ClientSampled :
CWJS4

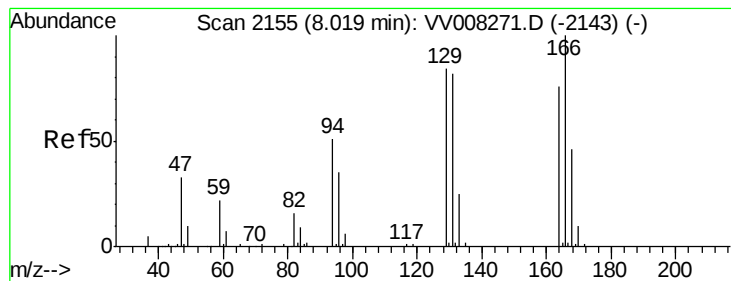
Tgt Ion: 78 Resp: 2306



#34
Trichloroethene
Concen: 28.969 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008280.D
Acq: 15 Oct 2018 17:46

Tgt Ion: 95 Resp: 163560
Ion Ratio Lower Upper
95 100
97 63.2 44.4 82.4
132 88.4 60.4 112.2
130 92.4 65.5 121.7





#47

Tetrachloroethene

Concen: 8.107 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008280.D

Acq: 15 Oct 2018 17:46

Instrument :

MSVOA_V

ClientSampleId :

CWJS4

Tot Ion:164 Resp: 28678

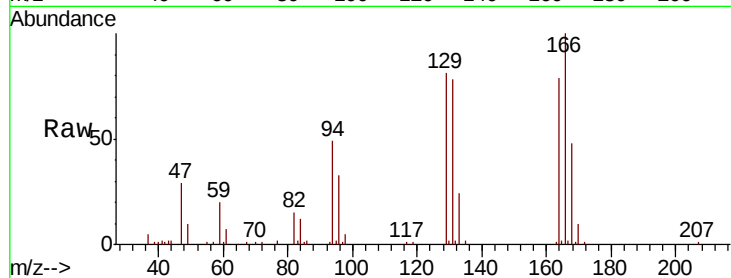
Ion Ratio Lower Upper

164 100

129 102.2 76.5 142.1

131 98.3 74.7 138.7

166 126.6 91.6 170.0

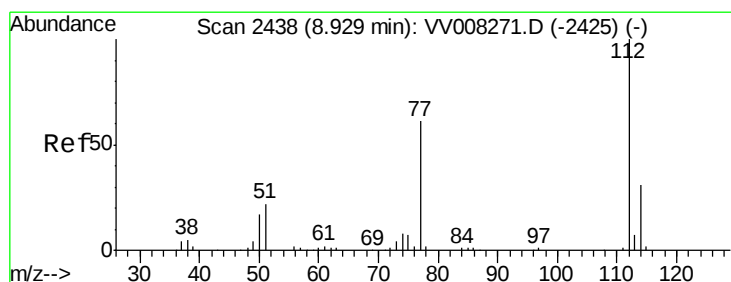
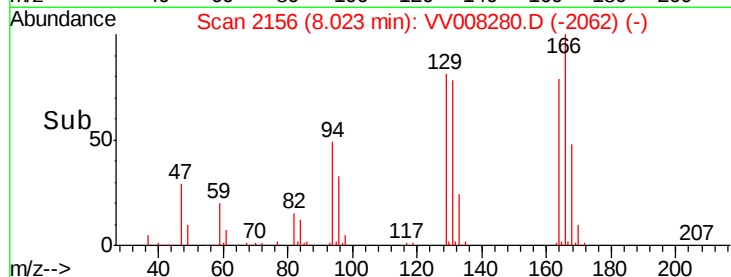
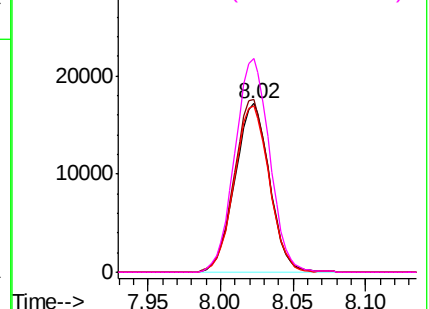


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 0.702 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008280.D

Acq: 15 Oct 2018 17:46

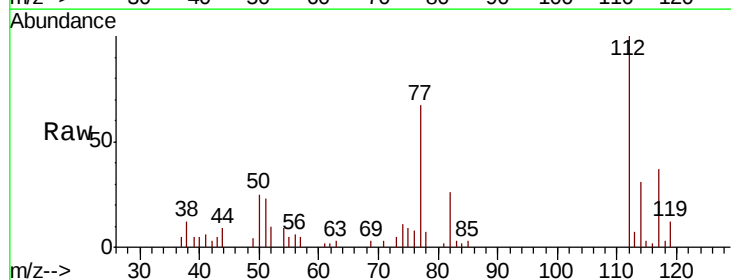
Tgt Ion:112 Resp: 8853

Ion Ratio Lower Upper

112 100

114 31.5 21.6 40.0

77 67.5 49.7 74.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

