

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007084.D
 Acq On : 20 Aug 2018 20:53
 Operator : SY/MD
 Sample : J4488-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0361

Quant Time: Aug 21 05:26:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86630	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82011	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.59	69	74582	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.14	63	1283034	44.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	895.60%#
20) 2-Butanone-d5	3.97	46	241096	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.41	84	177383	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.09	65	90875	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	346526	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.40%
36) 1,2-Dichloropropane-d6	6.13	67	113299	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.37	98	247156	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	24151	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.15	63	93219	32.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84362	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	88981	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

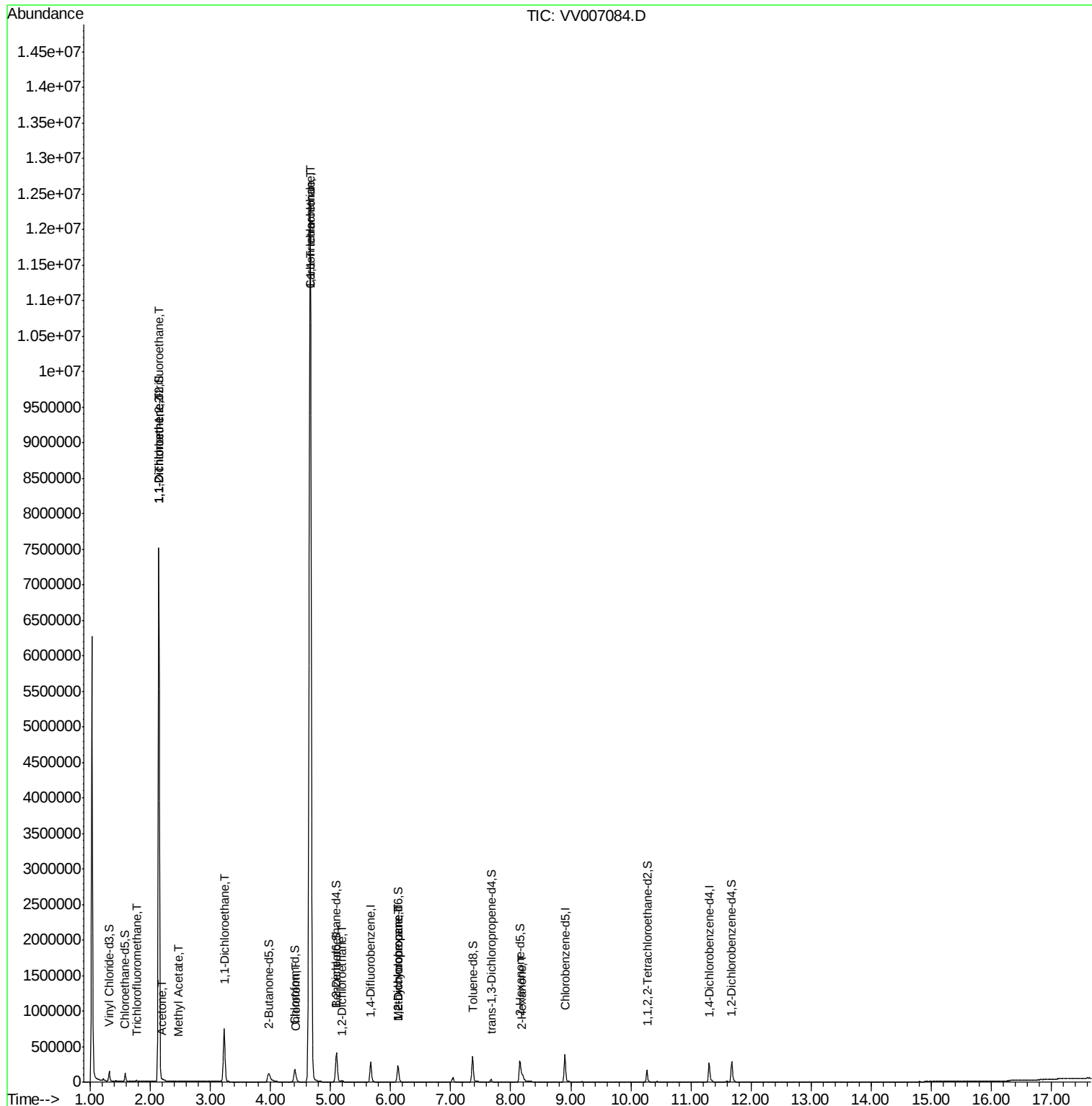
Target Compounds

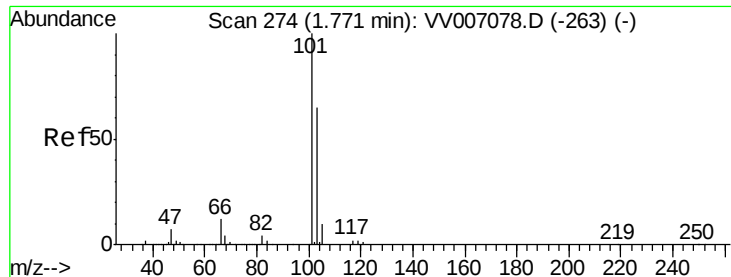
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	7129	0.245	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6475	0.370	ug/L #	28
12) 1,1-Dichloroethene	2.14	96	2360194	138.979	ug/L #	68
13) Acetone	2.21	43	9323	4.124	ug/L	96
15) Methyl Acetate	2.47	43	2513	0.395	ug/L #	75
19) 1,1-Dichloroethane	3.23	63	750874	22.872	ug/L	97
25) Chloroform	4.44	83	13208	0.368	ug/L	90
27) 1,2-Dichloroethane	5.19	62	13739	0.613	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	9912279	326.381	ug/L	98
31) Carbon tetrachloride	4.66	117	1363793	53.546	ug/L	99
35) Methylcyclohexane	6.13	83	26558	0.874	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	11299	0.523	ug/L #	89
48) 2-Hexanone	8.20	43	42483	5.163	ug/L	91

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

```
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QLast Update : Tue Aug 21 05:25:12 2018
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#9

Trichlorofluoromethane

Concen: 0.245 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

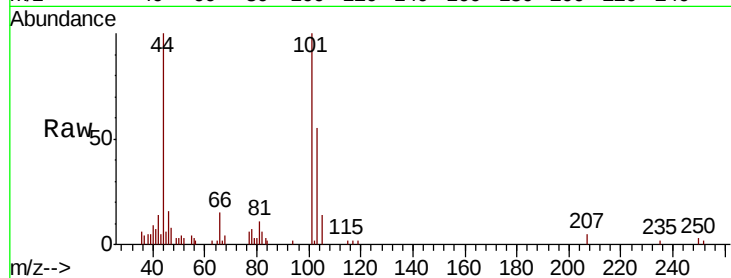
C0361

Tot Ion:101 Resp: 7129

Ion Ratio Lower Upper

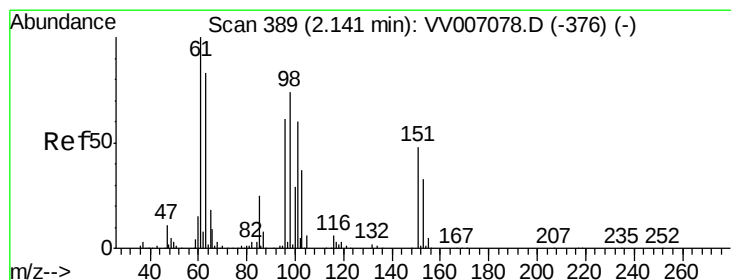
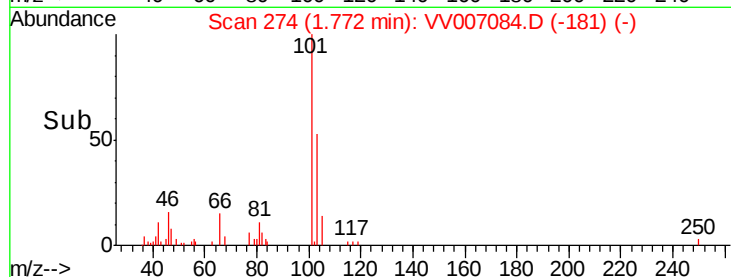
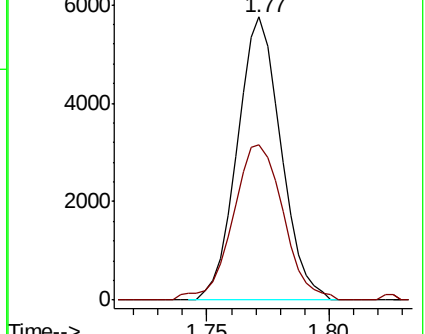
101 100

103 63.4 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.370 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

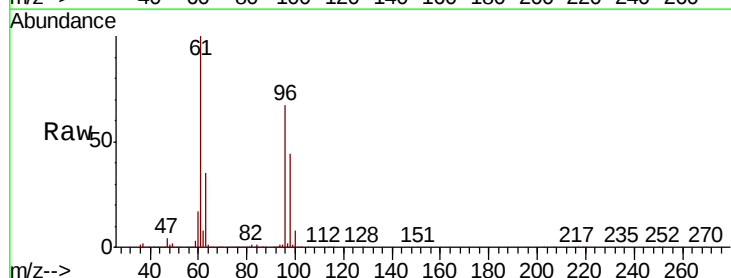
Tgt Ion:101 Resp: 6475

Ion Ratio Lower Upper

101 100

85 19.5 33.9 50.9#

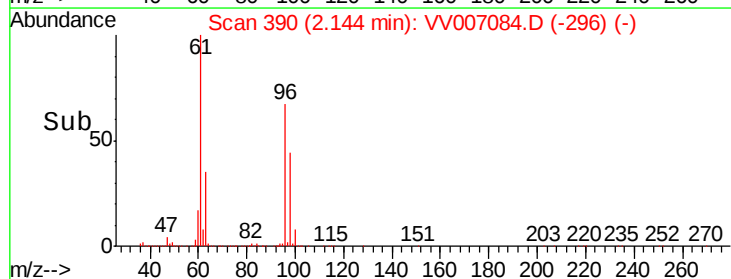
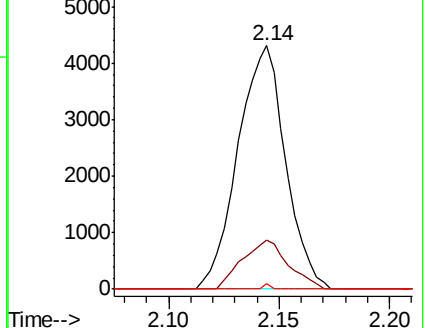
151 0.3 64.1 96.1#

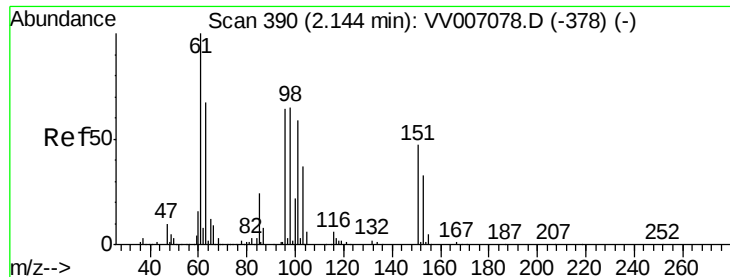


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 138.979 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

C0361

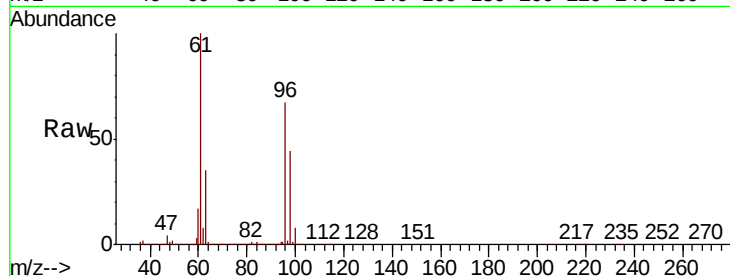
Tot Ion: 96 Resp: 2360194

Ion Ratio Lower Upper

96 100

61 148.8 111.6 207.4

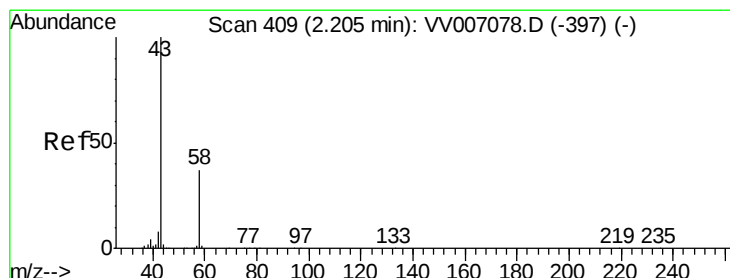
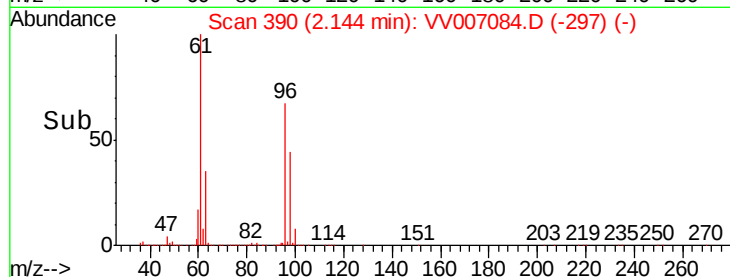
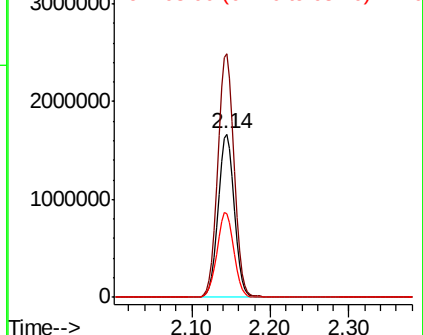
63 51.4 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV007078.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV007078.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV007078.D (-378) (-)



#13

Acetone

Concen: 4.124 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007084.D

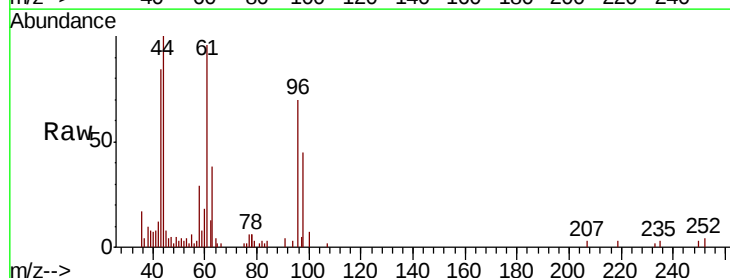
Acq: 20 Aug 2018 20:53

Tgt Ion: 43 Resp: 9323

Ion Ratio Lower Upper

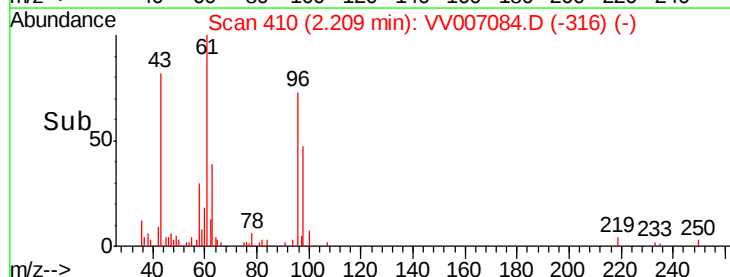
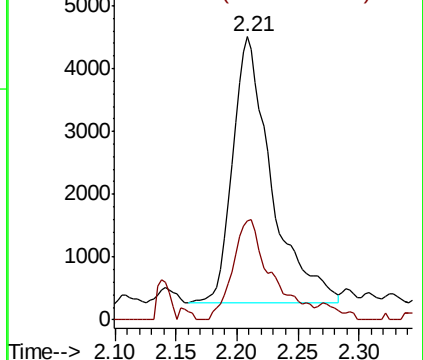
43 100

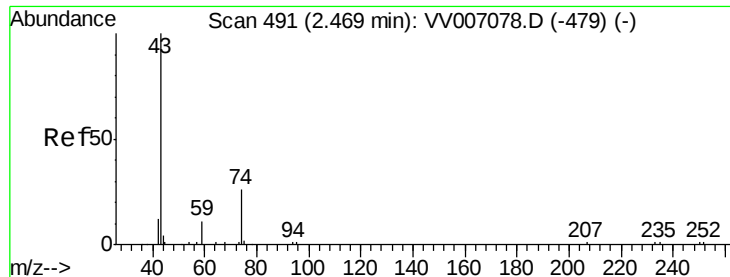
58 37.8 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-397) (-)

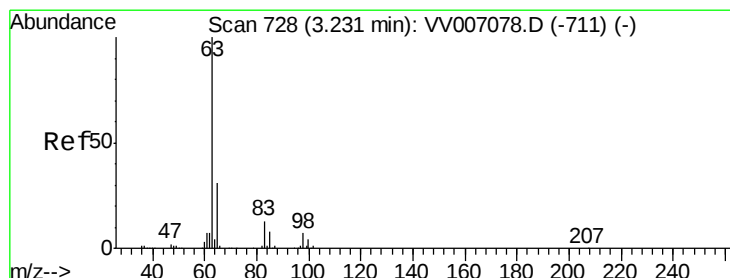
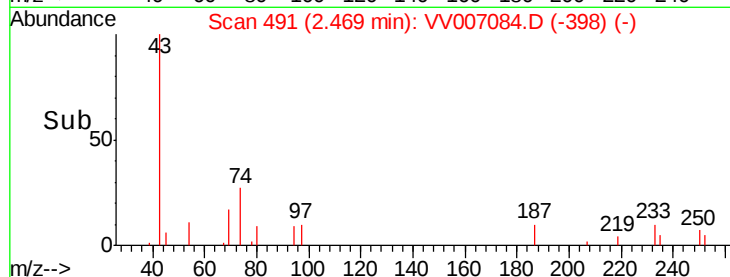
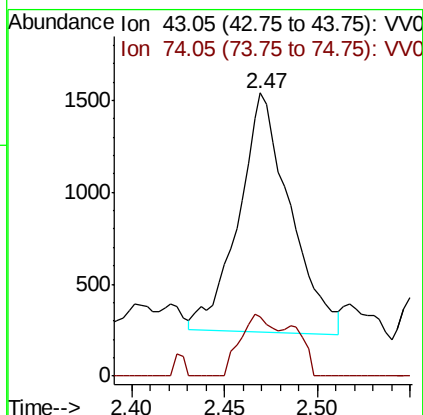
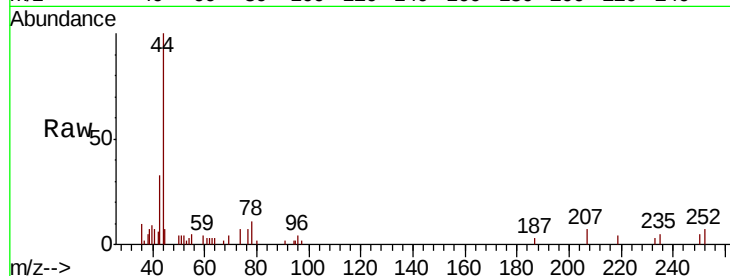




#15
Methvl Acetate
Concen: 0.395 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.00 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

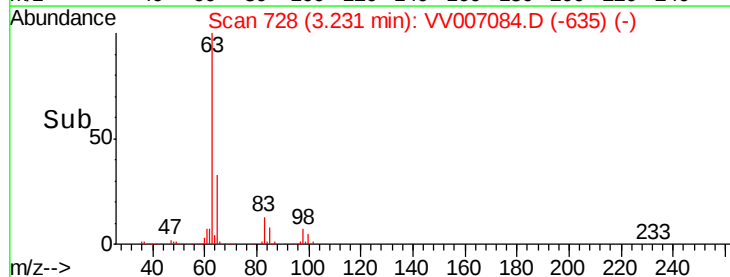
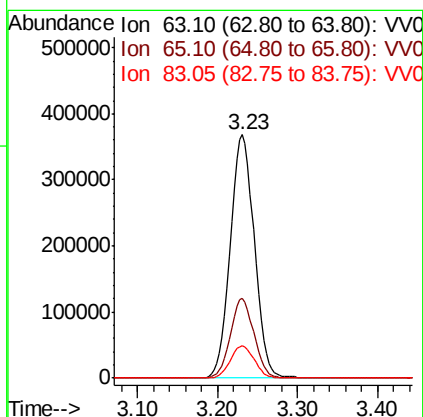
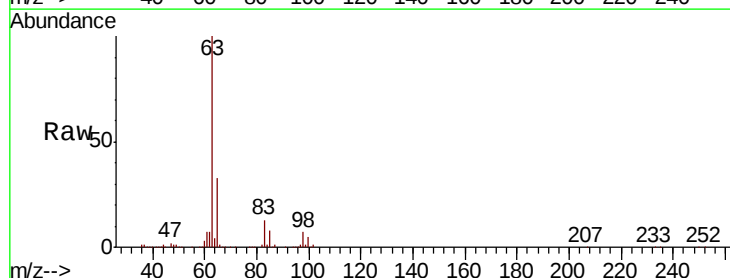
Instrument :
MSVOA_V
ClientSampled :
C0361

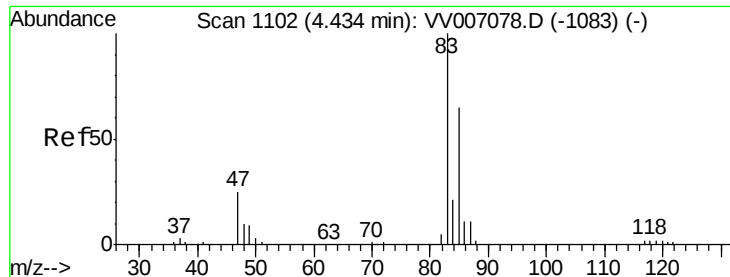
Tot Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
74 17.3 24.6 37.0#



#19
1,1-Dichloroethane
Concen: 22.872 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 63 Resp: 750874
Ion Ratio Lower Upper
63 100
65 32.9 21.7 40.3
83 13.3 10.0 18.6

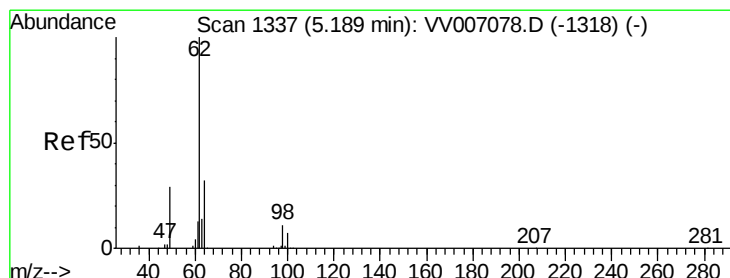
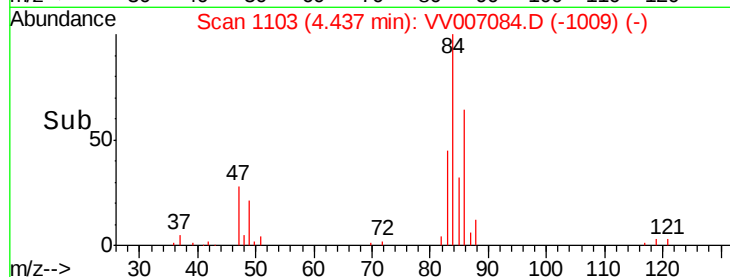
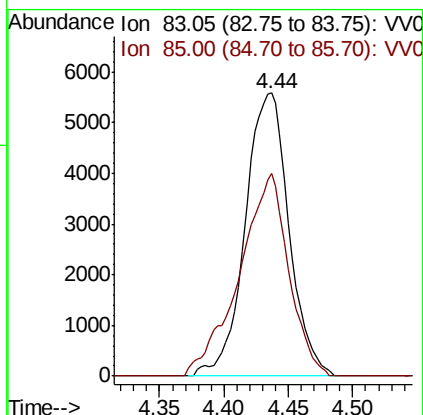
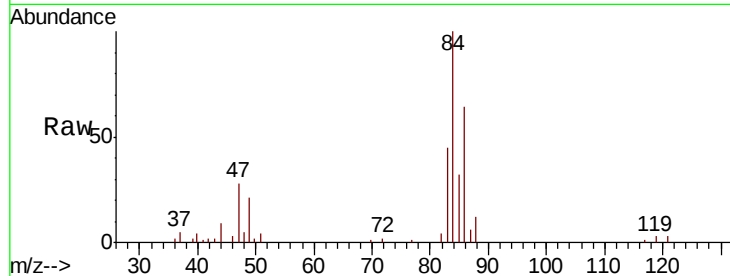




#25
Chloroform
Concen: 0.368 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

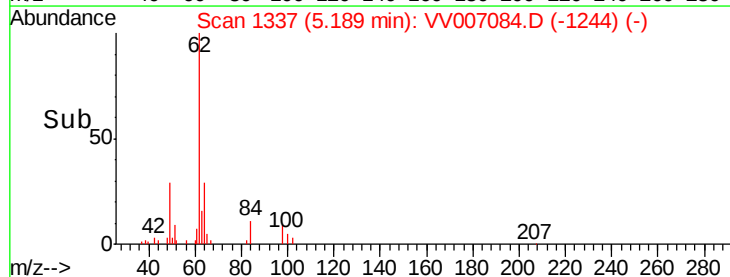
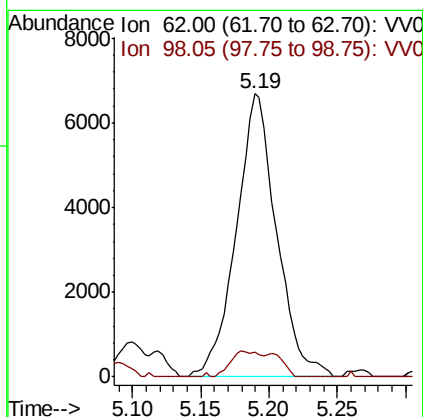
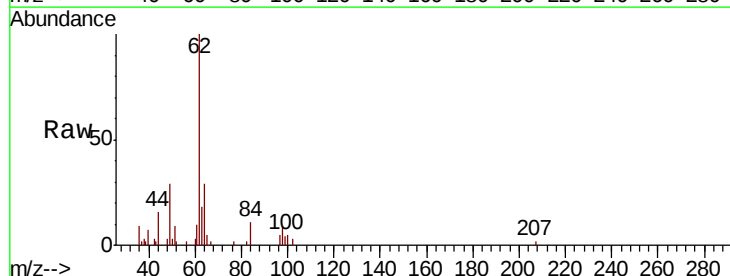
Instrument :
MSVOA_V
ClientSampled :
C0361

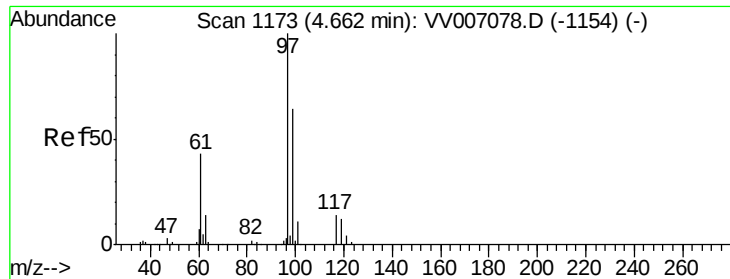
Tot Ion: 83 Resp: 13208
Ion Ratio Lower Upper
83 100
85 71.4 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.613 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 62 Resp: 13739
Ion Ratio Lower Upper
62 100
98 8.7 7.6 11.4



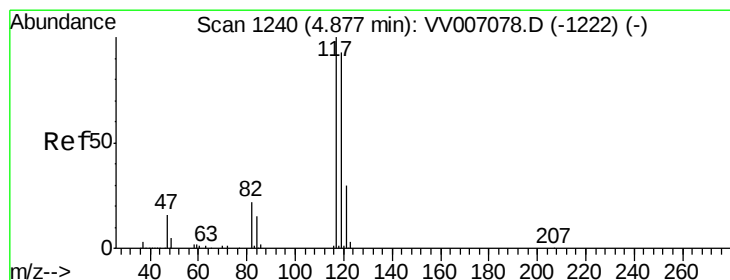
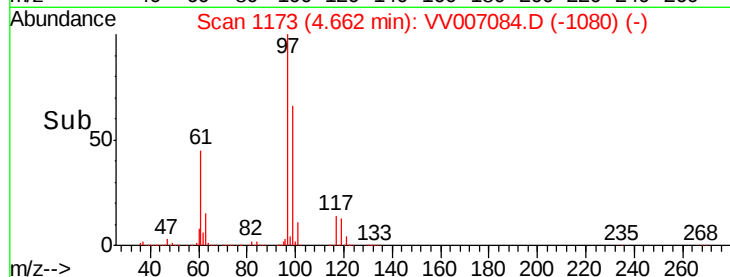
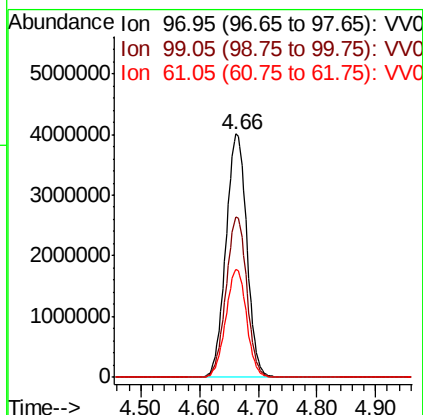
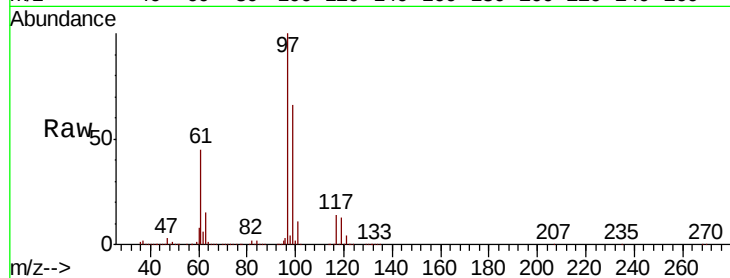


#29
 1,1,1-Trichloroethane
 Concen: 326.381 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007084.D
 Acq: 20 Aug 2018 20:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0361

Tot Ion: 97 Resp: 9912279

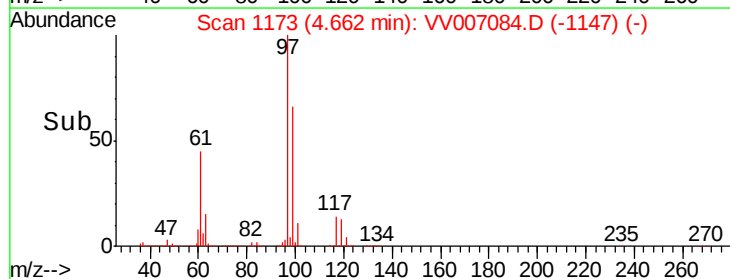
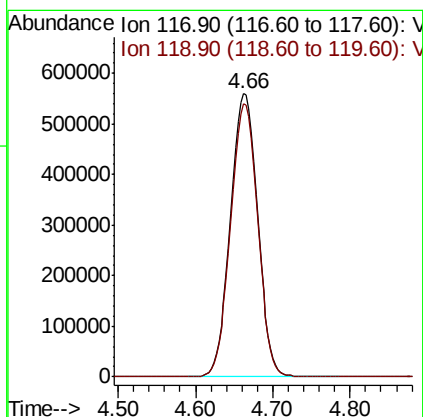
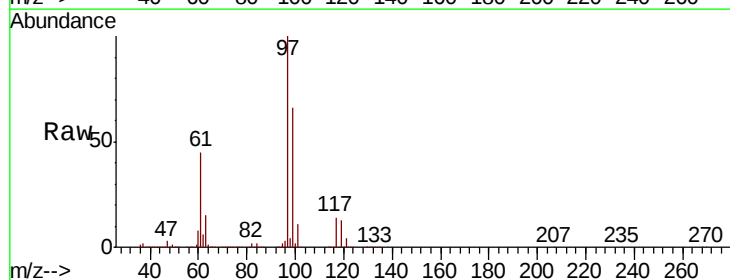
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	44.1	36.6	54.8

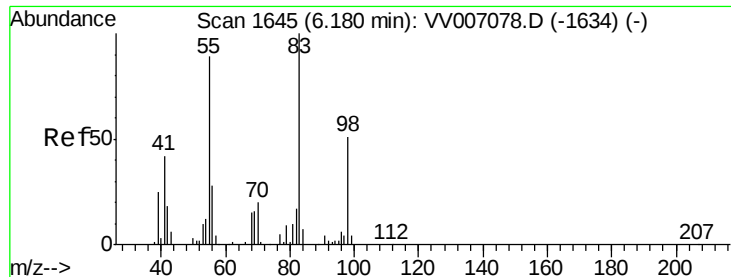


#31
 Carbon tetrachloride
 Concen: 53.546 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007084.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 117 Resp: 1363793

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4

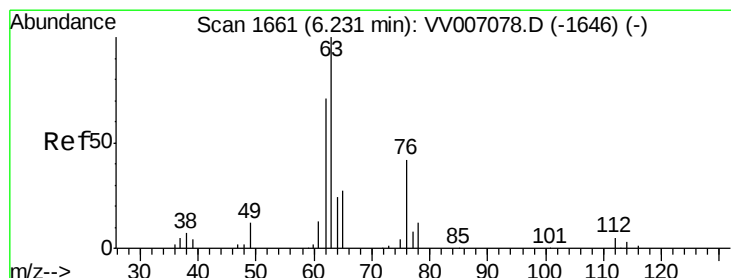
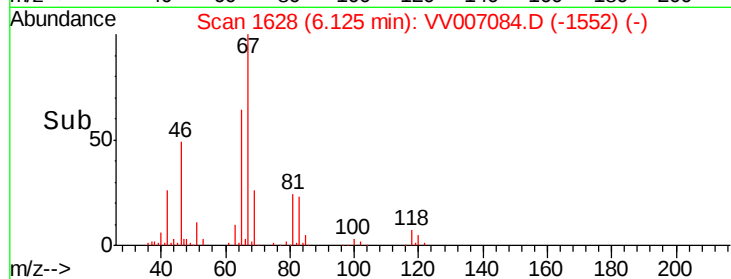
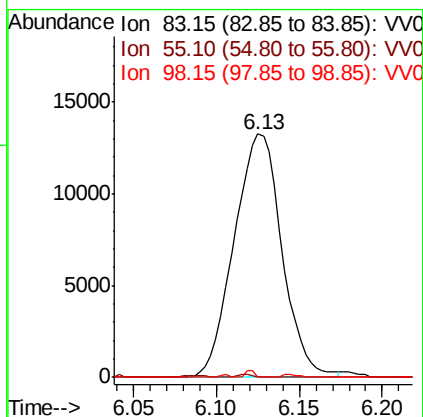
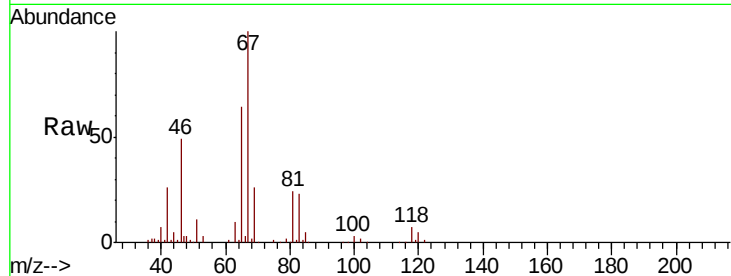




#35
Methvlcvclohexane
Concen: 0.874 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

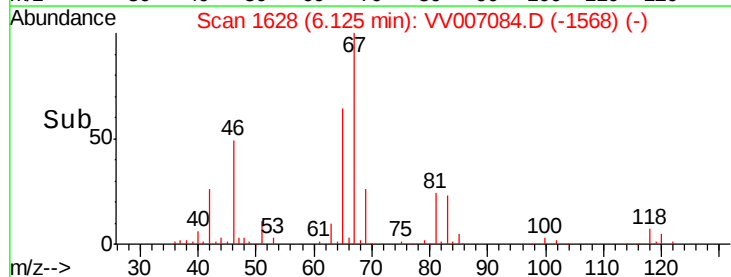
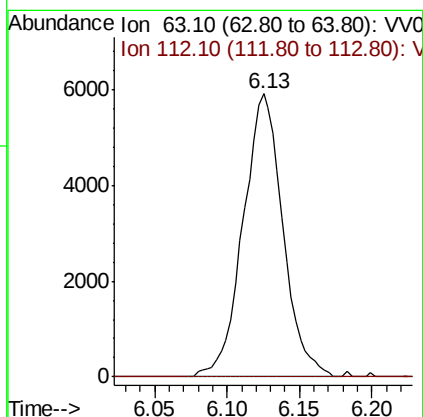
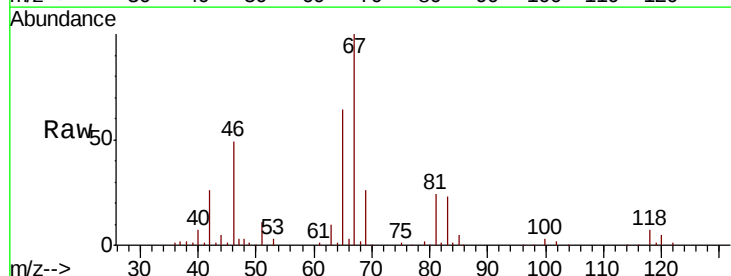
Instrument :
MSVOA_V
ClientSampleId :
C0361

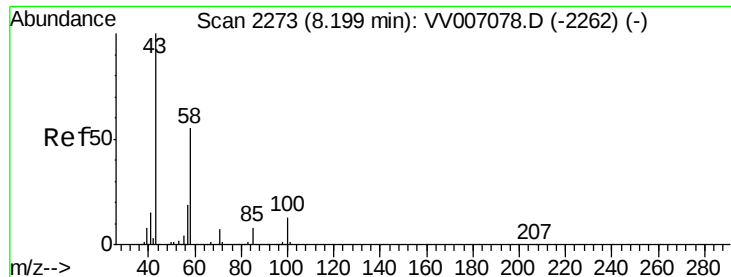
Tot Ion: 83 Resp: 26558
Ion Ratio Lower Upper
83 100
55 0.4 68.1 102.1#
98 0.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VV007084.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 63 Resp: 11299
Ion Ratio Lower Upper
63 100
112 0.8 3.5 5.3#





#48

2-Hexanone

Concen: 5.163 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

C0361

Tot Ion: 43 Resp: 42483

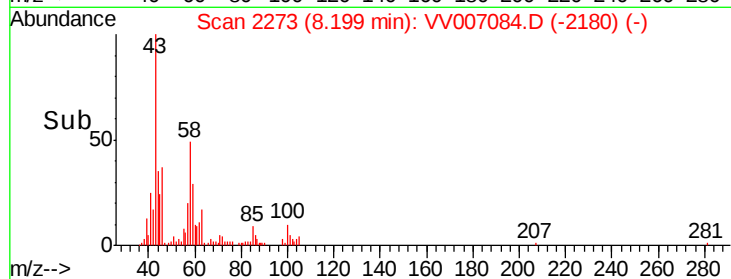
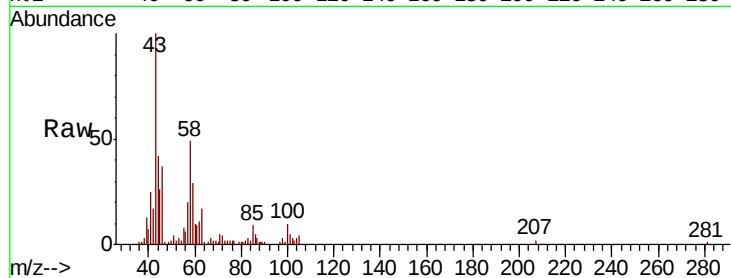
Ion Ratio Lower Upper

43 100

58 46.9 44.2 66.2

57 20.3 14.8 22.2

100 10.3 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

