

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008801.D
 Acq On : 30 Nov 2018 07:25
 Operator : SY/MD
 Sample : J6136-14MSD
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALS2MSD

Quant Time: Nov 30 07:51:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142285	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55876	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43071	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.59	69	29540	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.14	63	80530	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.96	46	106006	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.41	84	88541	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	45503	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	189915	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	56391	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	167706	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	16504	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	74573	44.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33319	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	56886	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

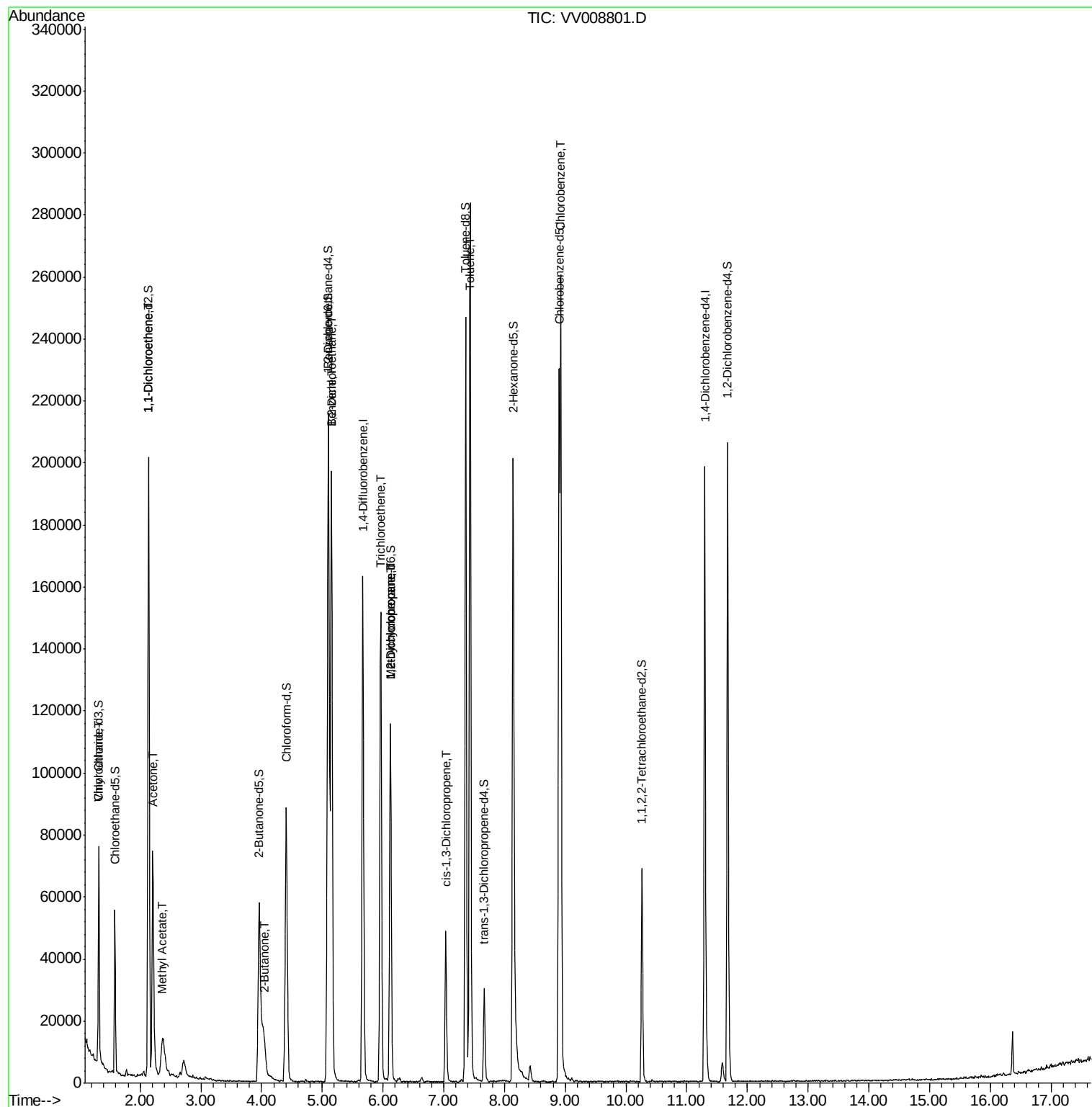
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.32	64	507	0.094	ug/L #	1
12) 1,1-Dichloroethene	2.15	96	36055	5.153	ug/L	93
13) Acetone	2.21	43	95793	87.179	ug/L	99
15) Methyl Acetate	2.37	43	3428	1.166	ug/L #	60
21) 2-Butanone	4.05	43	7622	3.460	ug/L	98
27) 1,2-Dichloroethane	5.15	62	1769	0.166	ug/L #	74
33) Benzene	5.15	78	197757	5.040	ug/L	100
34) Trichloroethene	5.96	95	52817	4.841	ug/L	98
35) Methylcyclohexane	6.12	83	13414	0.775	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6076	0.623	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1307	0.102	ug/L	86
42) Toluene	7.43	91	209470	5.100	ug/L	100
51) Chlorobenzene	8.93	112	135015	4.994	ug/L	99

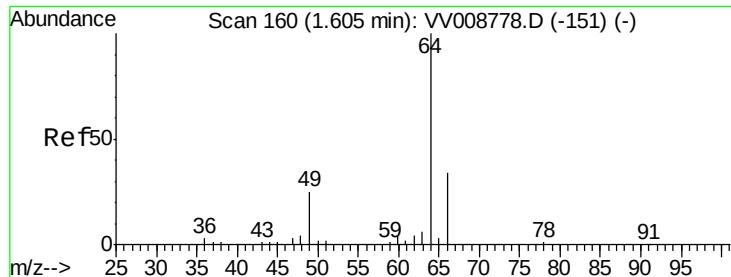
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

Instrument :

MSVOA_V

ClientSampleId :

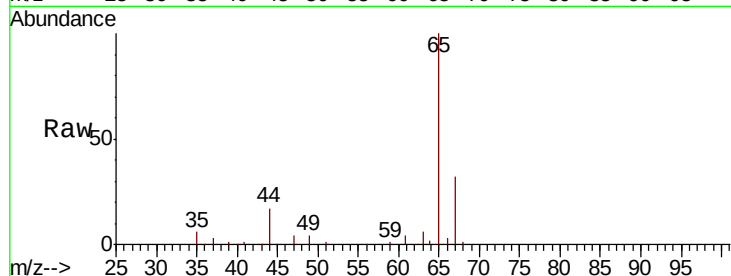
YALS2MSD

Tgt Ion: 64 Resp: 507

Ion Ratio Lower Upper

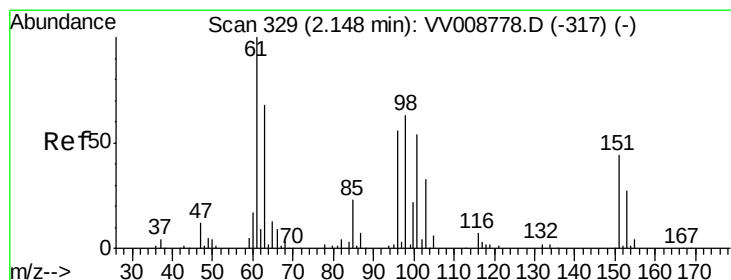
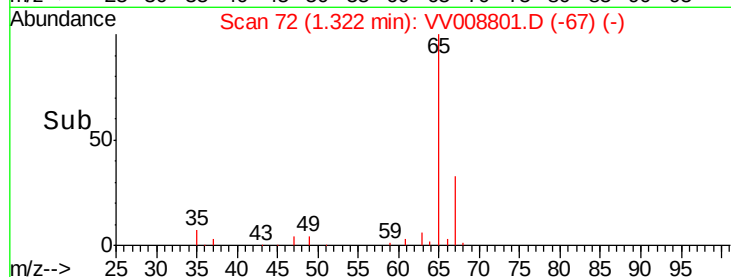
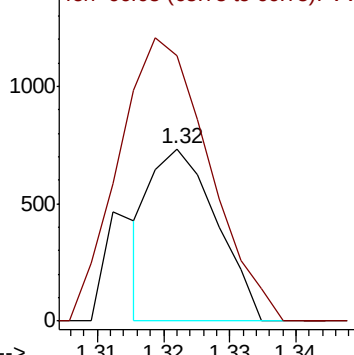
64 100

66 154.1 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 5.153 ug/L

RT: 2.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

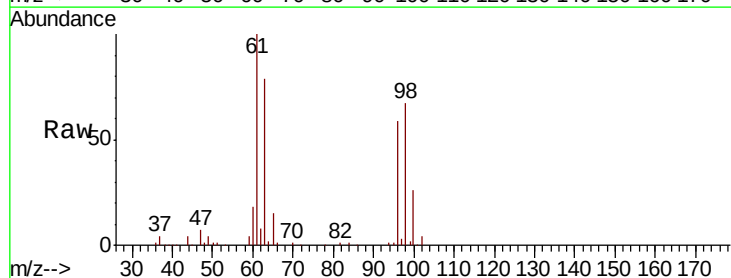
Tgt Ion: 96 Resp: 36055

Ion Ratio Lower Upper

96 100

61 170.8 124.3 230.8

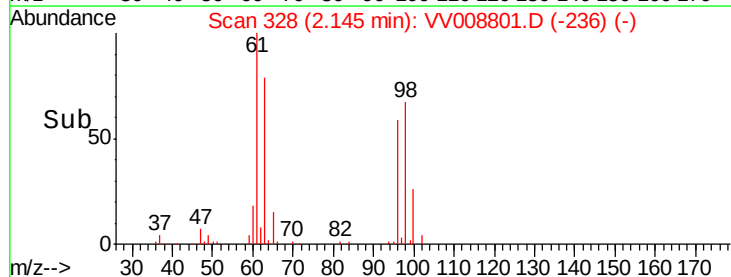
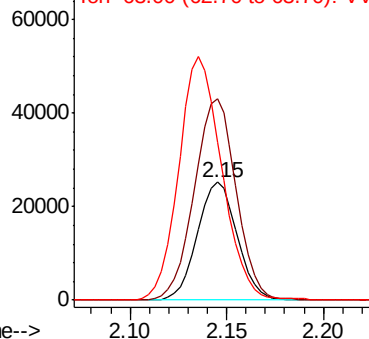
63 134.3 102.6 190.5

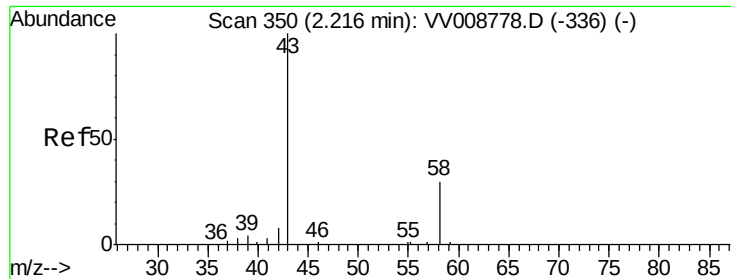


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 87.179 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

Instrument :

MSVOA_V

ClientSampleId :

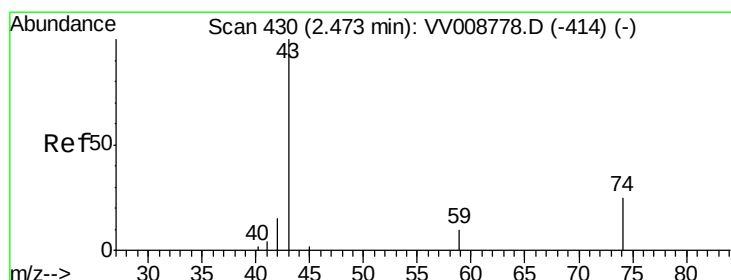
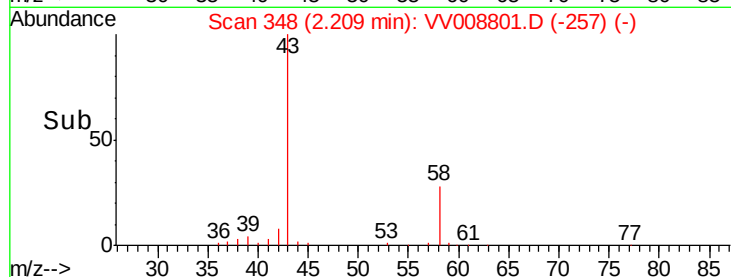
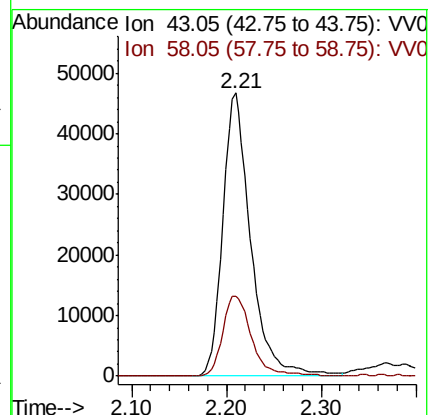
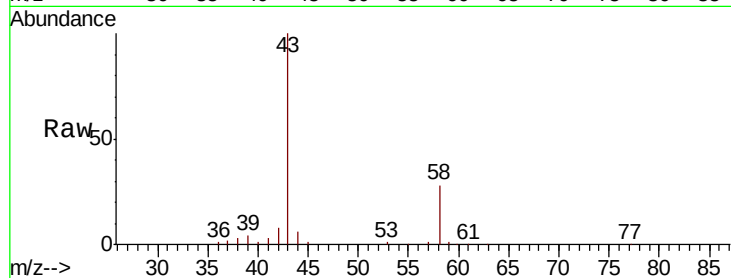
YALS2MSD

Tgt Ion: 43 Resp: 95793

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.8



#15

Methyl Acetate

Concen: 1.166 ug/L

RT: 2.37 min Scan# 398

Delta R.T. -0.10 min

Lab File: VV008801.D

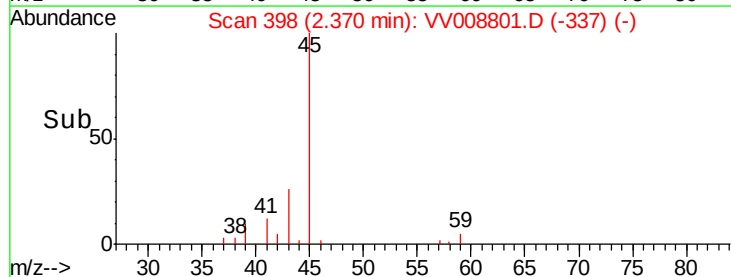
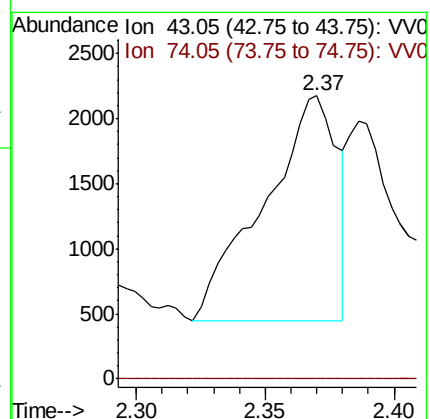
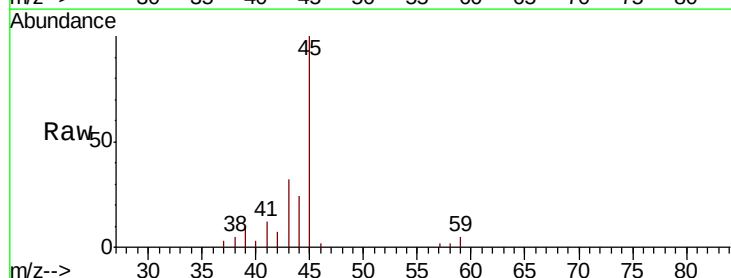
Acq: 30 Nov 2018 07:25

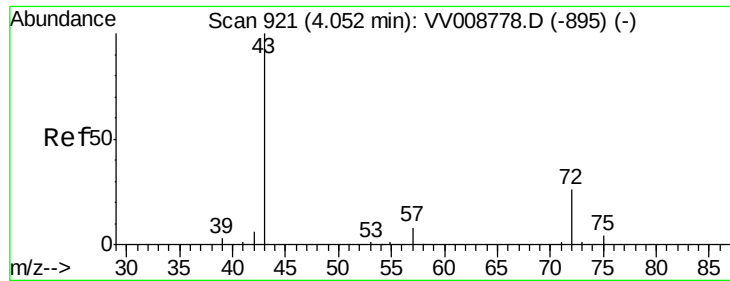
Tgt Ion: 43 Resp: 3428

Ion Ratio Lower Upper

43 100

74 5.0 20.0 30.0#





#21

2-Butanone

Concen: 3.460 ug/L

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

Instrument :

MSVOA_V

ClientSampleId :

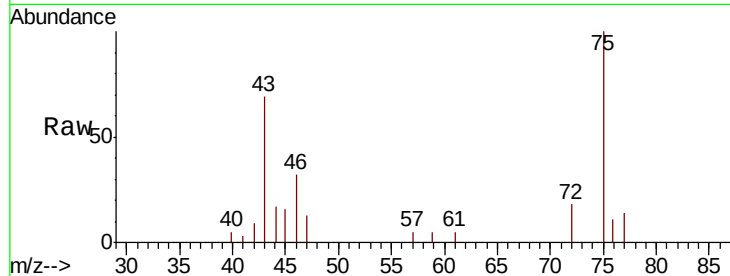
YALS2MSD

Tgt Ion: 43 Resp: 7622

Ion Ratio Lower Upper

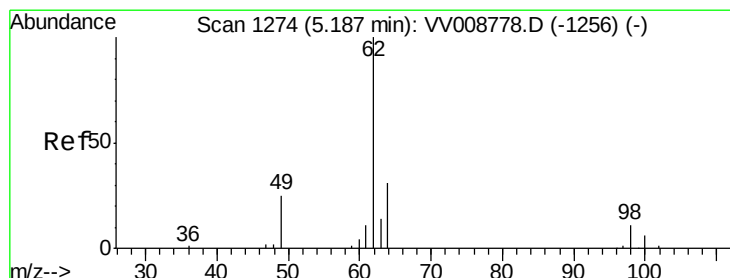
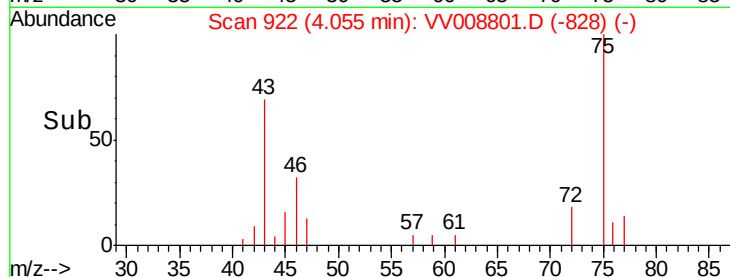
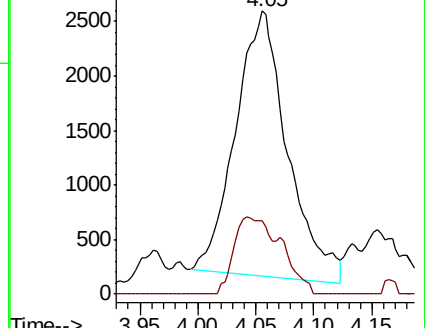
43 100

72 26.3 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-895) (-)

Ion 72.10 (71.80 to 72.80): VV008778.D (-895) (-)



#27

1,2-Dichloroethane

Concen: 0.166 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VV008801.D

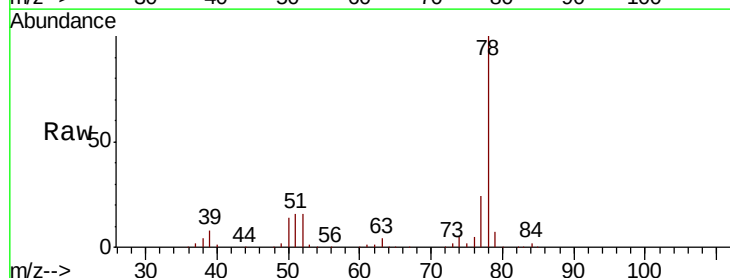
Acq: 30 Nov 2018 07:25

Tgt Ion: 62 Resp: 1769

Ion Ratio Lower Upper

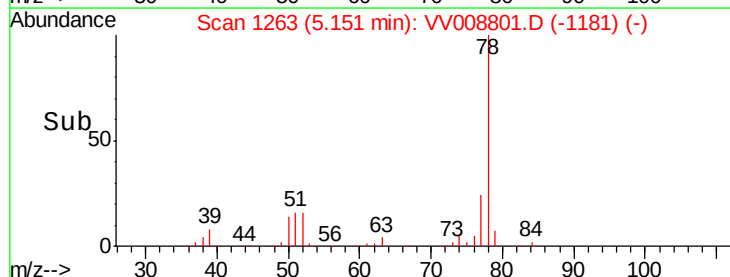
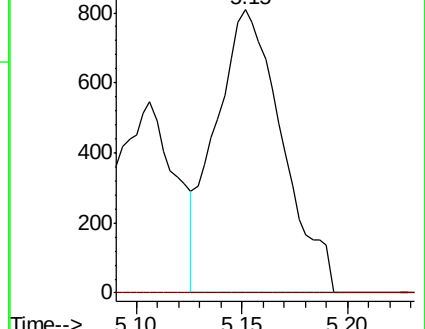
62 100

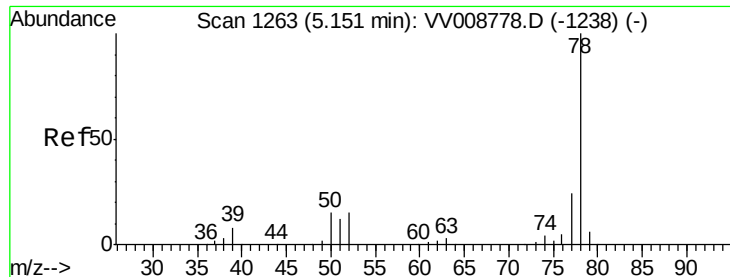
98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VV008778.D (-1256) (-)

Ion 98.05 (97.75 to 98.75): VV008778.D (-1256) (-)





#33

Benzene

Concen: 5.040 ug/L

RT: 5.15 min Scan# 1263

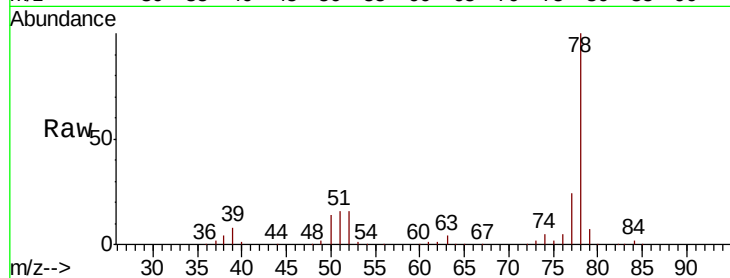
Delta R.T. 0.00 min

Lab File: VV008801.D

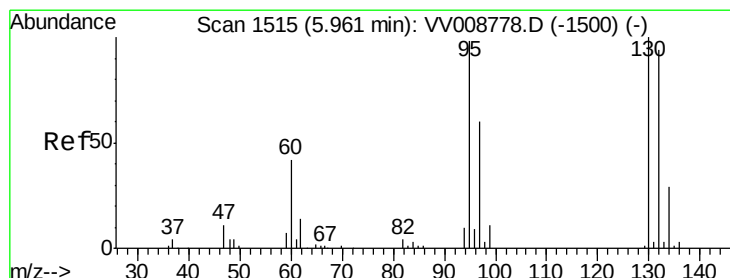
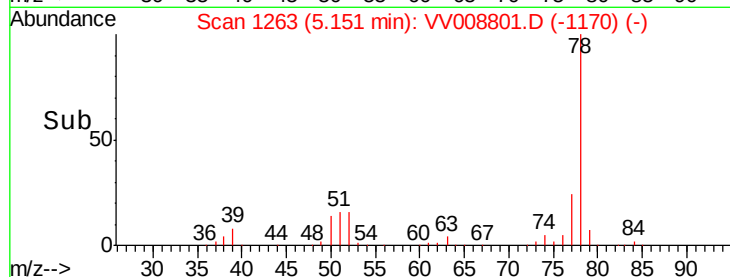
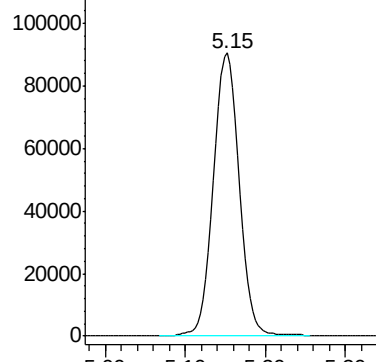
Acq: 30 Nov 2018 07:25

Instrument :
MSVOA_V
ClientSampleId :
YALS2MSD

Tgt Ion: 78 Resp: 197757



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.841 ug/L

RT: 5.96 min Scan# 1515

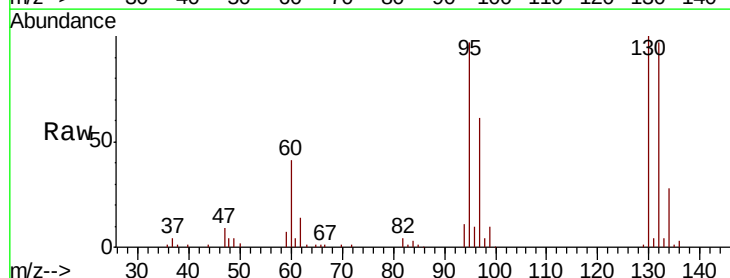
Delta R.T. 0.00 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

Tgt Ion: 95 Resp: 52817

Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.5	86.3
132	99.7	69.4	128.8
130	103.0	73.1	135.8

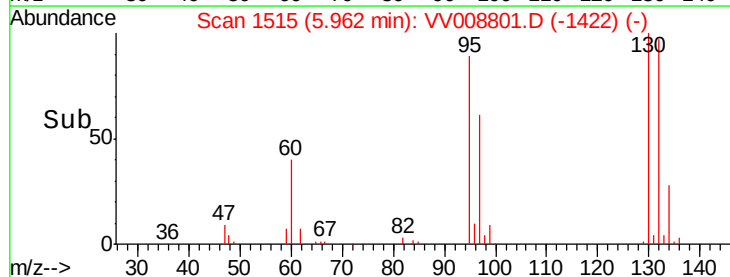
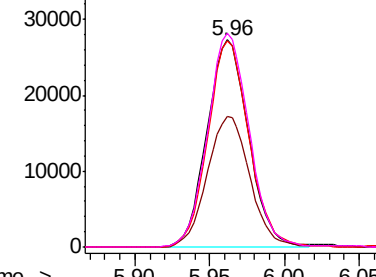


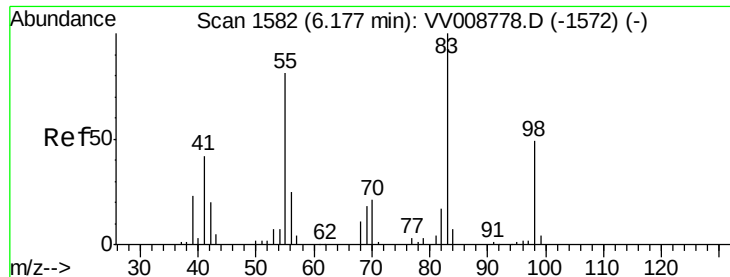
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

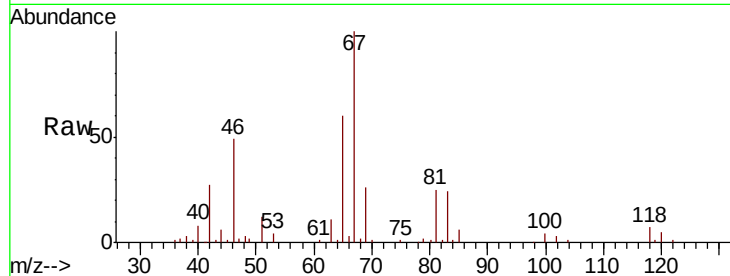




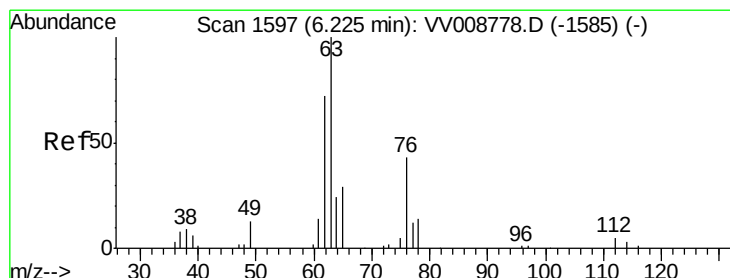
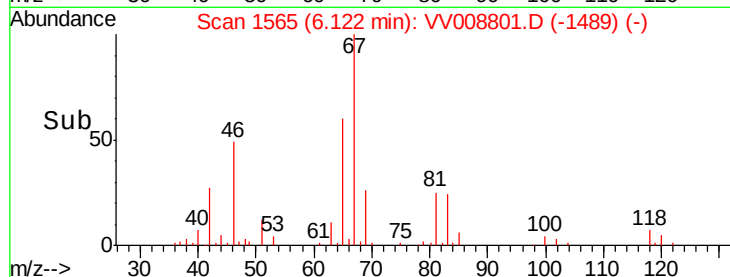
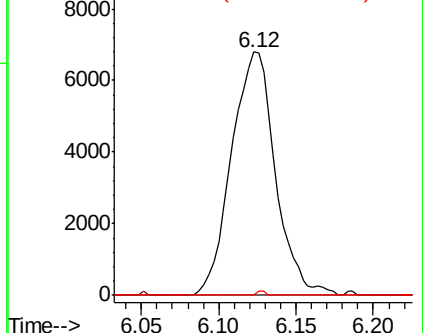
#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008801.D
Acq: 30 Nov 2018 07:25

Instrument :
MSVOA_V
ClientSampleId :
YALS2MSD

Tgt Ion: 83 Resp: 13414
Ion Ratio Lower Upper
83 100
55 0.1 60.1 90.1#
98 0.0 37.4 56.2#

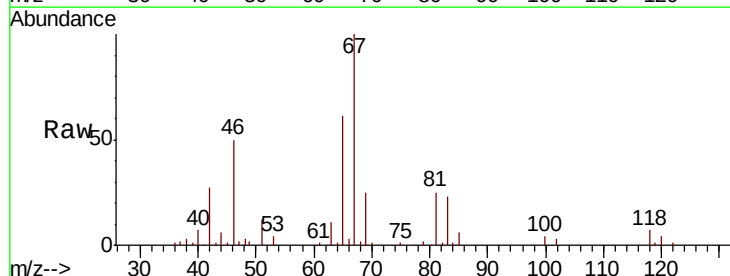


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

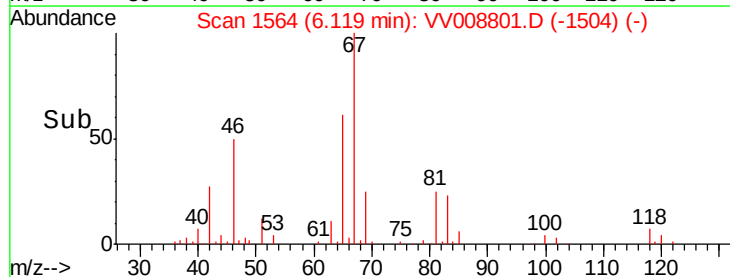
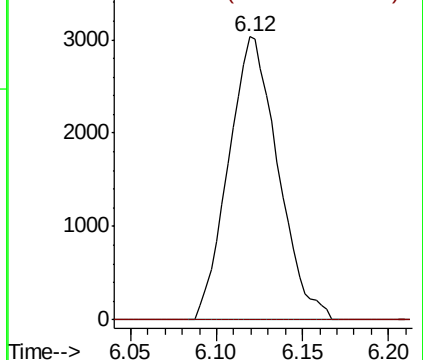


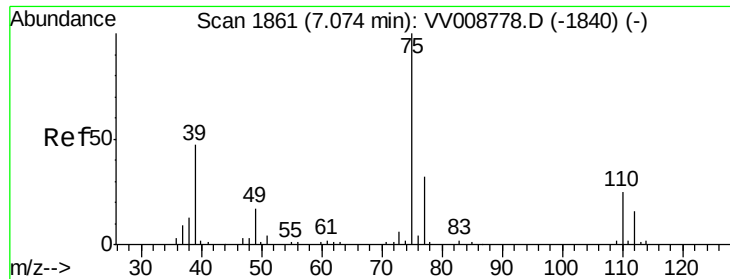
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008801.D
Acq: 30 Nov 2018 07:25

Tgt Ion: 63 Resp: 6076
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

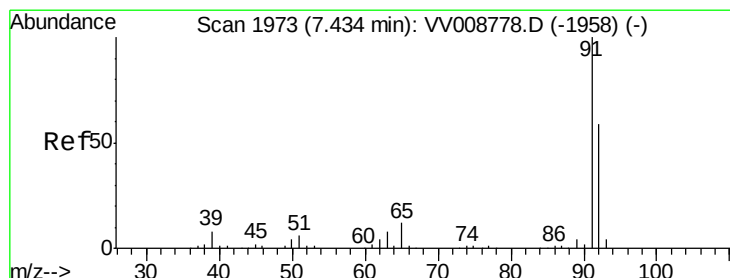
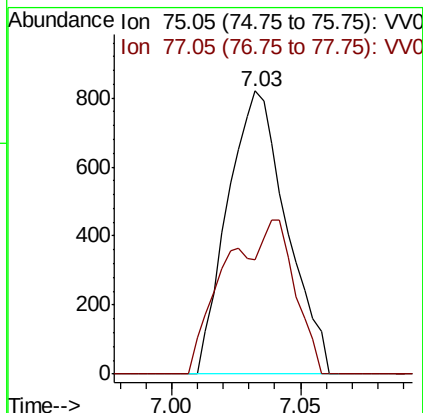
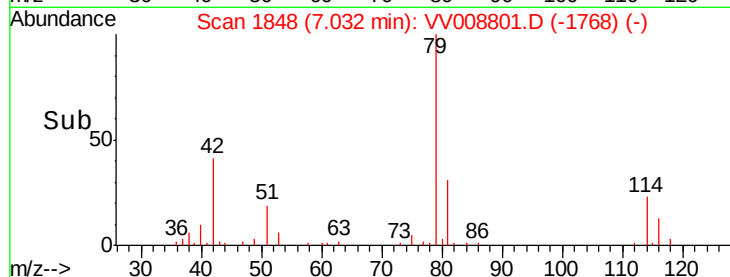
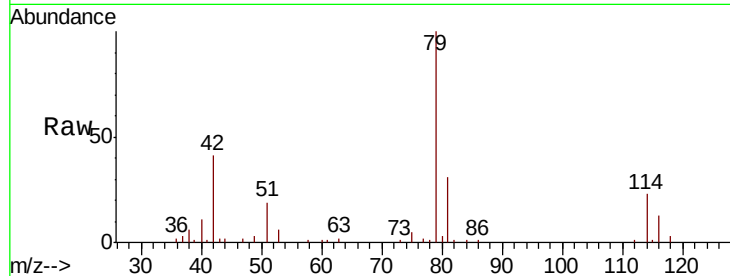




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008801.D
 Acq: 30 Nov 2018 07:25

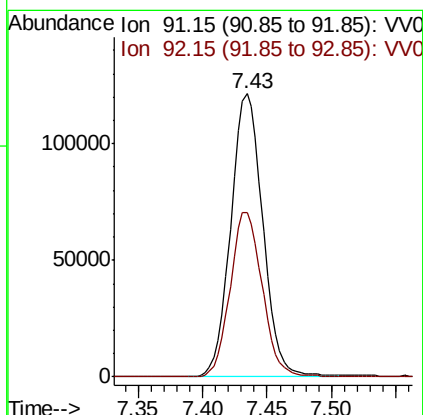
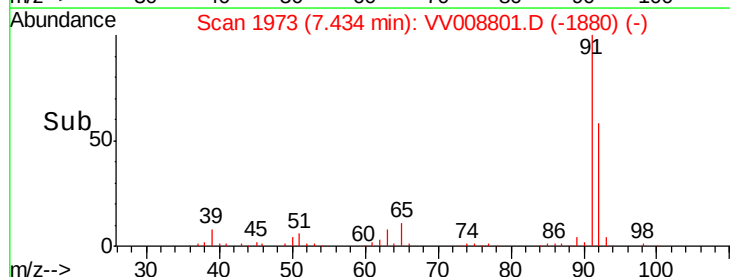
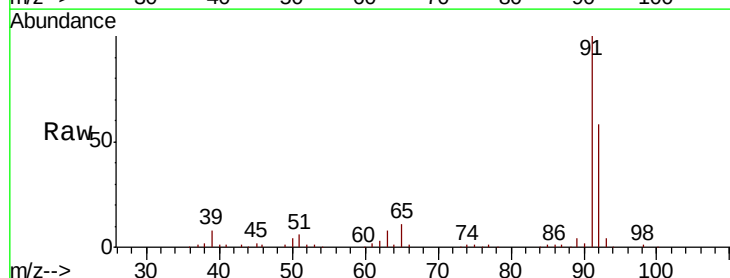
Instrument :
 MSVOA_V
 ClientSampleId :
 YALS2MSD

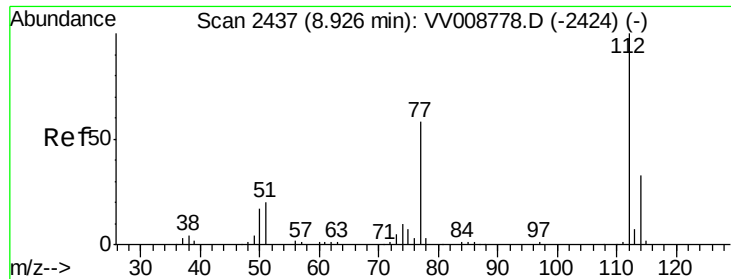
Tgt Ion: 75 Resp: 1307
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.8 42.4



#42
 Toluene
 Concen: 5.100 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008801.D
 Acq: 30 Nov 2018 07:25

Tgt Ion: 91 Resp: 209470
 Ion Ratio Lower Upper
 91 100
 92 58.2 40.5 75.3





#51

Chlorobenzene

Concen: 4.994 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV008801.D

Acq: 30 Nov 2018 07:25

Instrument :
MSVOA_V
ClientSampleId :
YALS2MSD

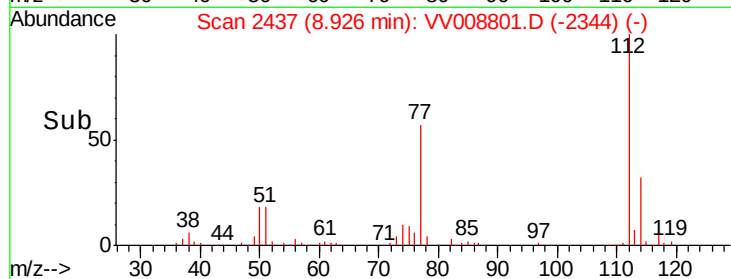
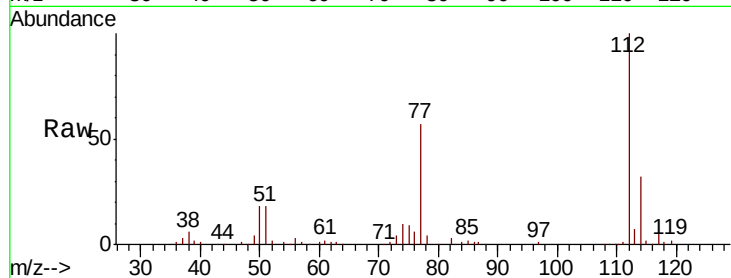
Tgt Ion:112 Resp: 135015

Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 57.0 46.2 69.4



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

