

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008800.D
 Acq On : 30 Nov 2018 07:00
 Operator : SY/MD
 Sample : J6136-13MS
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALS2MS

Quant Time: Nov 30 07:50:58 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	135480	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	126100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45375	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	30642	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.14	63	82940	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.96	46	112331	53.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	4.41	84	92283	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.09	65	47468	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	196390	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	57839	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	176586	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	18083	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	81823	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35329	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	61523	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Qvalue
8) Chloroethane	1.32	64	555	0.109 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	684	0.090 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	36304	5.449 ug/L	96
13) Acetone	2.21	43	88676	84.756 ug/L	97
15) Methyl Acetate	2.21	43	83688	29.888 ug/L #	51
21) 2-Butanone	4.05	43	8325	3.969 ug/L #	73
25) Chloroform	4.43	83	1717	0.097 ug/L	88
27) 1,2-Dichloroethane	5.15	62	1878	0.185 ug/L #	74
33) Benzene	5.15	78	201825	5.337 ug/L	100
34) Trichloroethene	5.96	95	53734	5.111 ug/L	97
35) Methylcyclohexane	6.12	83	14296	0.857 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6038	0.642 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1306	0.106 ug/L #	55
42) Toluene	7.43	91	210756	5.325 ug/L	99
51) Chlorobenzene	8.93	112	137637	5.282 ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

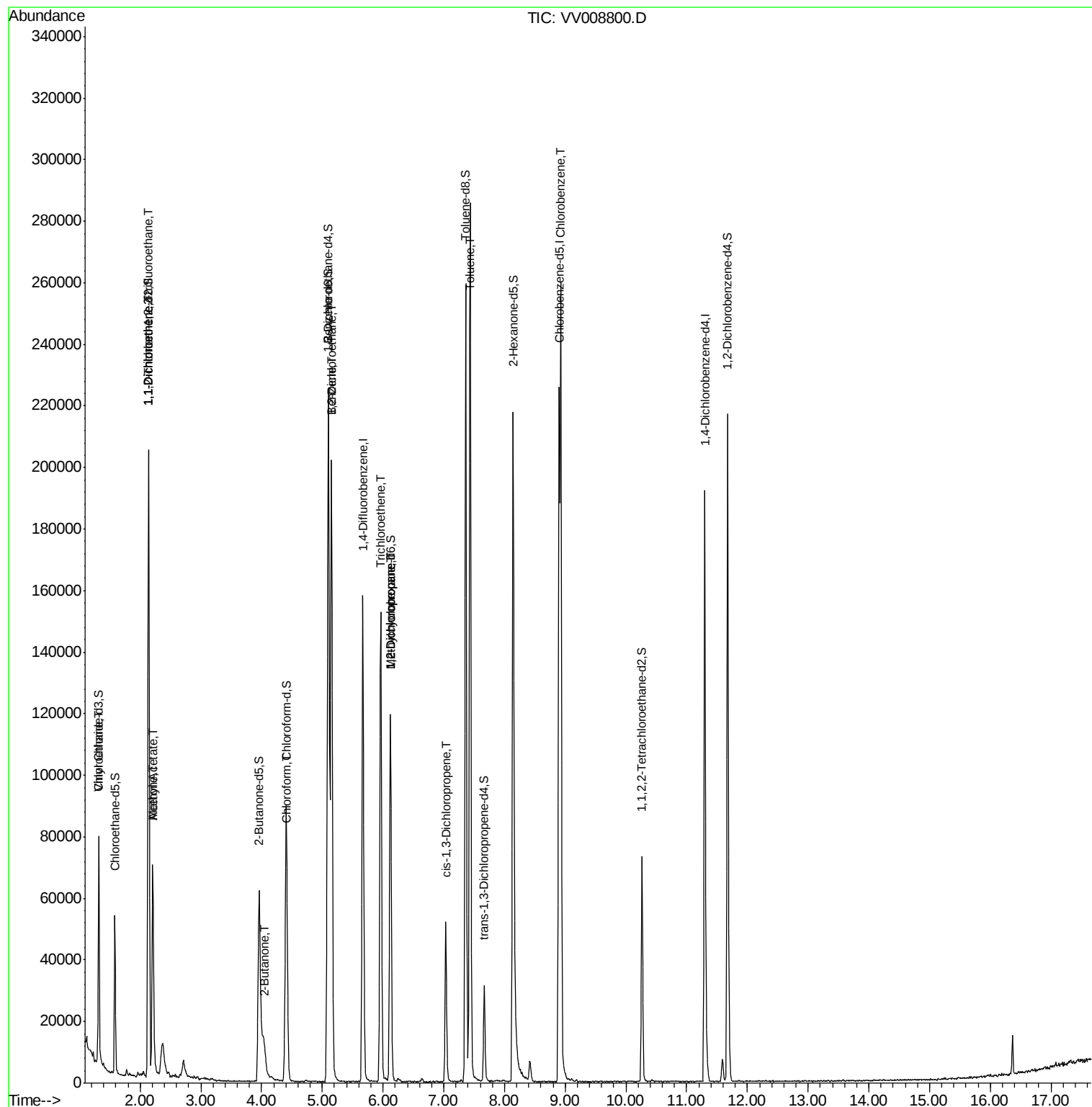
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

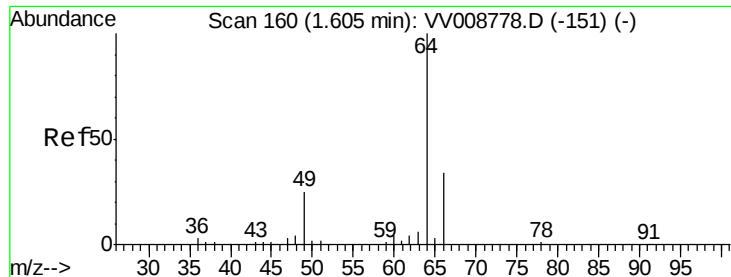
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#8

Chloroethane

Concen: 0.109 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.29 min

Lab File: VV008800.D

Acq: 30 Nov 2018 07:00

Instrument :

MSVOA_V

ClientSampleId :

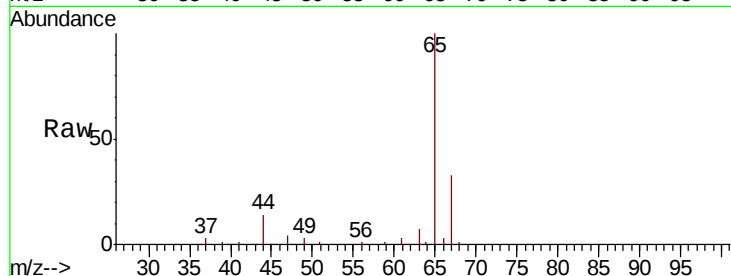
YALS2MS

Tgt Ion: 64 Resp: 555

Ion Ratio Lower Upper

64 100

66 216.5 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV008778.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008778.D (-151) (-)

1500

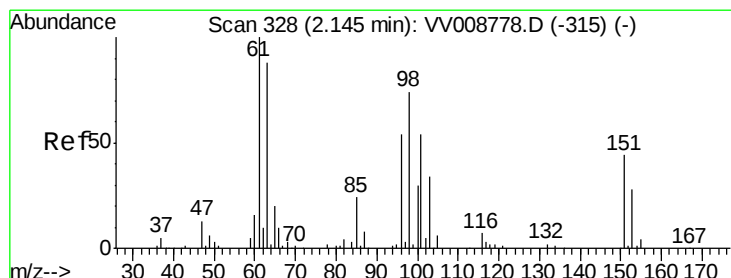
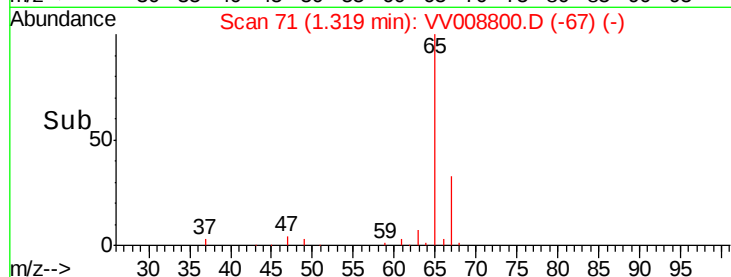
1000

500

0

1.30 1.31 1.32 1.33 1.34

Time-->



#10

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

Concen: 0.090 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008800.D

Acq: 30 Nov 2018 07:00

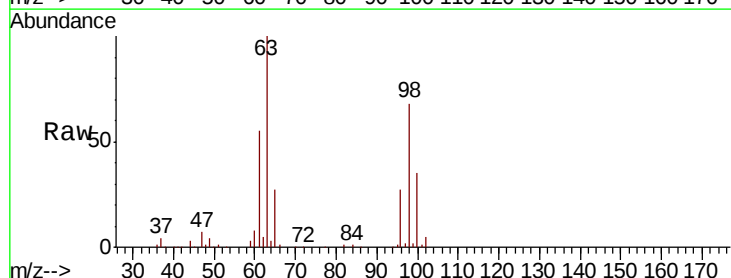
Tgt Ion: 101 Resp: 684

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): VV008778.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV008778.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV008778.D (-315) (-)

600

500

400

300

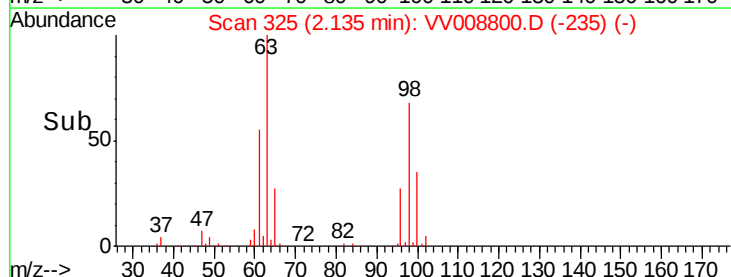
200

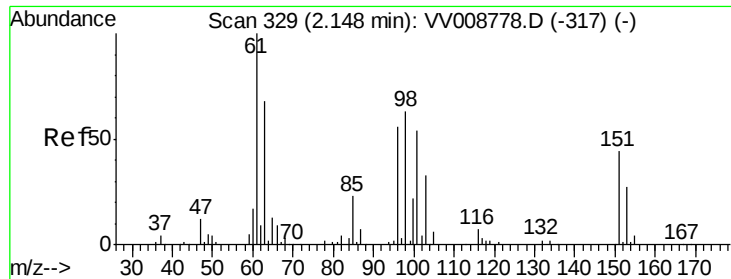
100

0

2.10 2.12 2.14 2.16

Time-->





#12

1,1-Dichloroethene

Concen: 5.449 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008800.D

Acq: 30 Nov 2018 07:00

Instrument :

MSVOA_V

ClientSampleId :

YALS2MS

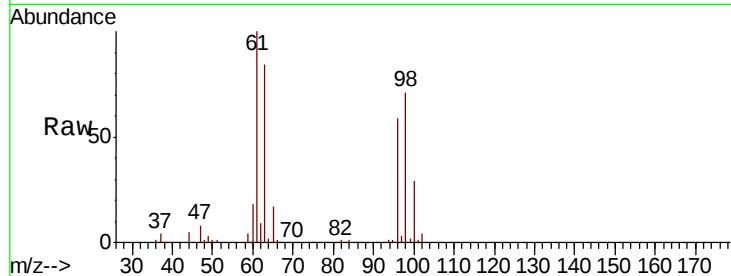
Tgt Ion: 96 Resp: 36304

Ion Ratio Lower Upper

96 100

61 170.3 124.3 230.8

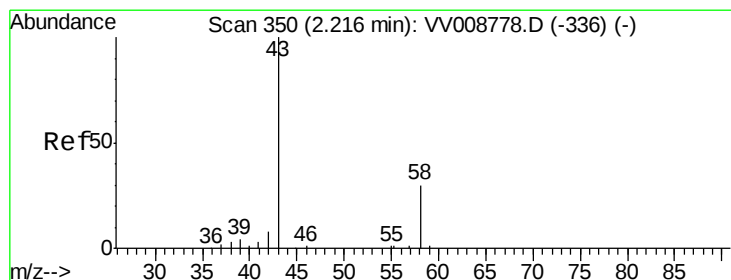
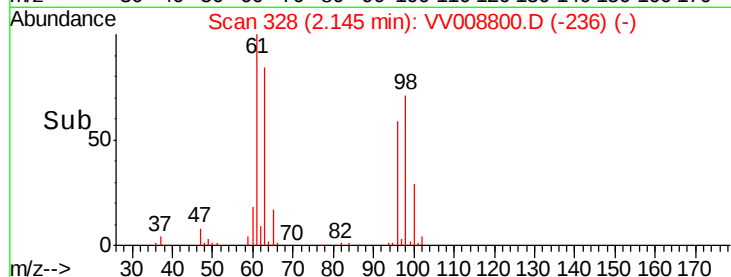
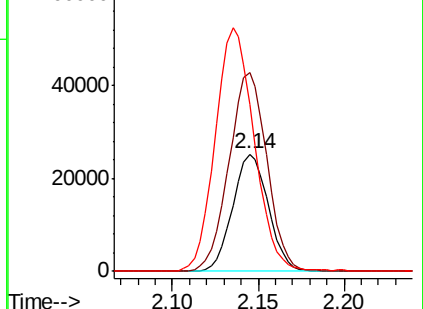
63 143.0 102.6 190.5



Abundance Ion 96.00 (95.70 to 96.70): VV008778.D (-317) (-)

Ion 61.05 (60.75 to 61.75): VV008778.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV008778.D (-317) (-)



#13

Acetone

Concen: 84.756 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008800.D

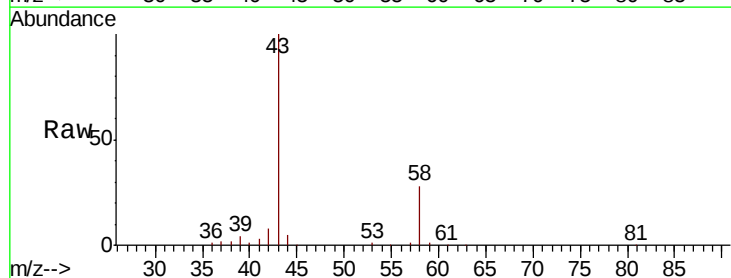
Acq: 30 Nov 2018 07:00

Tgt Ion: 43 Resp: 88676

Ion Ratio Lower Upper

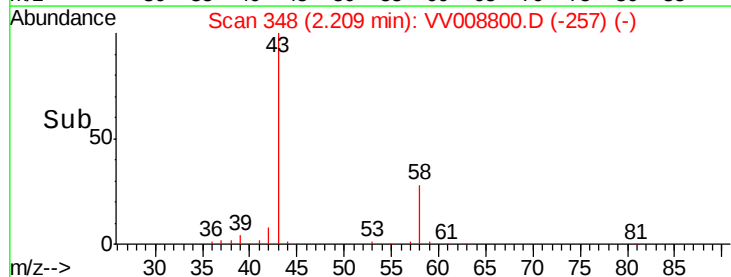
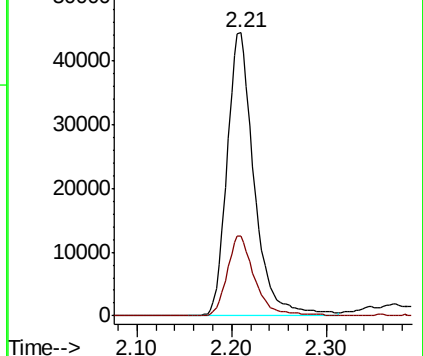
43 100

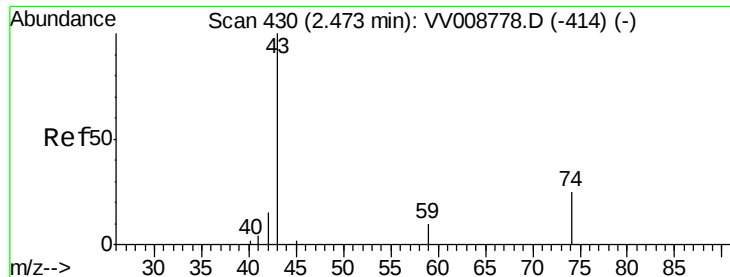
58 28.3 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008778.D (-336) (-)

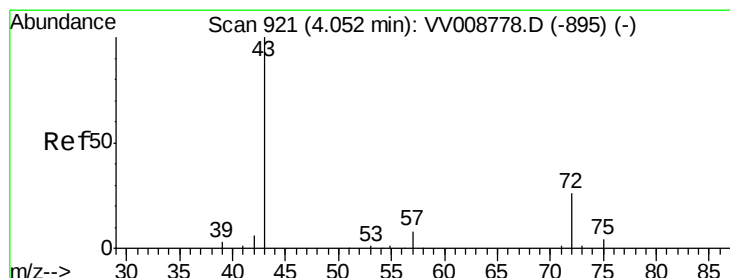
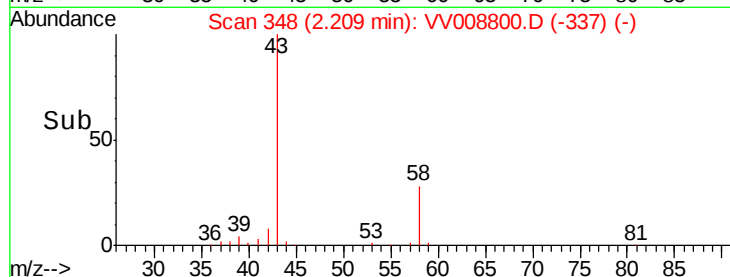
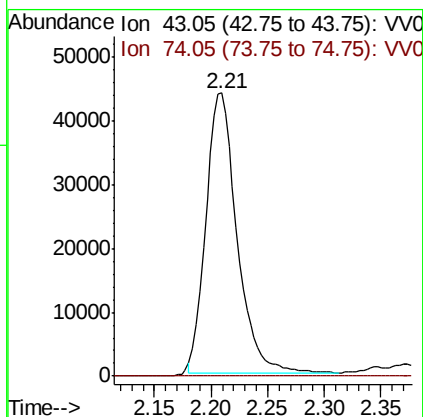
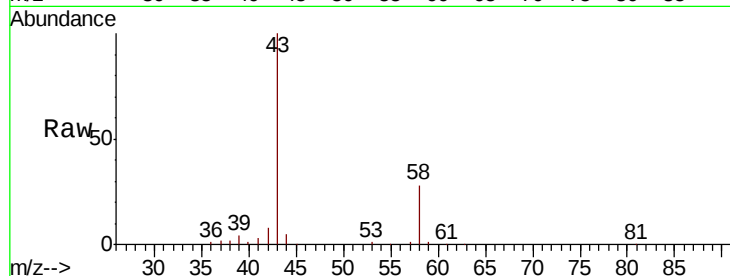




#15
Methyl Acetate
Concen: 29.888 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.26 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

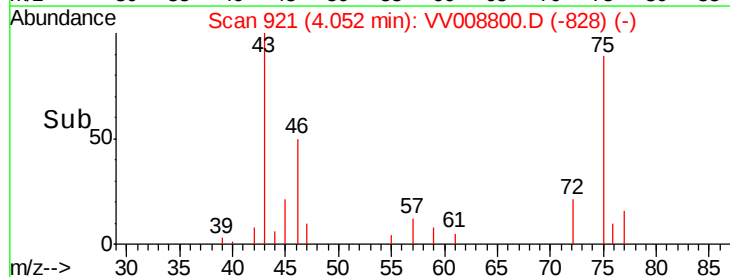
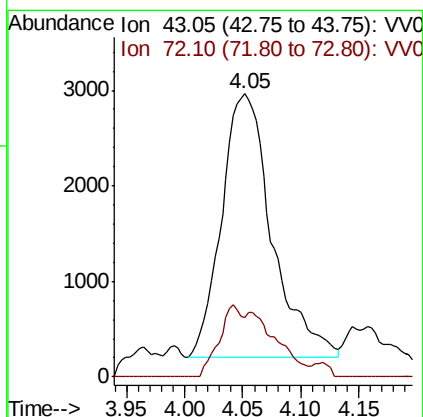
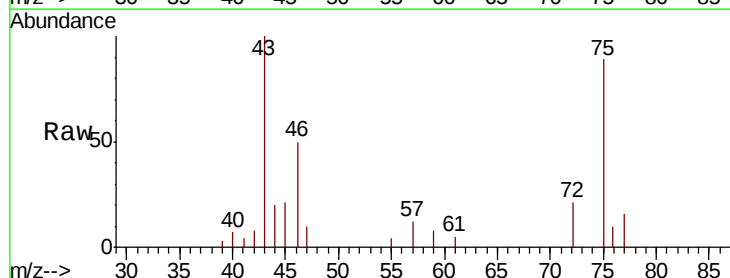
Instrument :
MSVOA_V
ClientSampleId :
YALS2MS

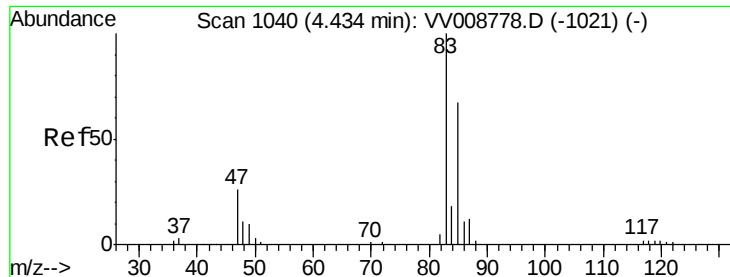
Tgt Ion: 43 Resp: 83688
Ion Ratio Lower Upper
43 100
74 0.2 20.0 30.0#



#21
2-Butanone
Concen: 3.969 ug/L
RT: 4.05 min Scan# 921
Delta R.T. 0.00 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

Tgt Ion: 43 Resp: 8325
Ion Ratio Lower Upper
43 100
72 13.2 13.6 40.8#

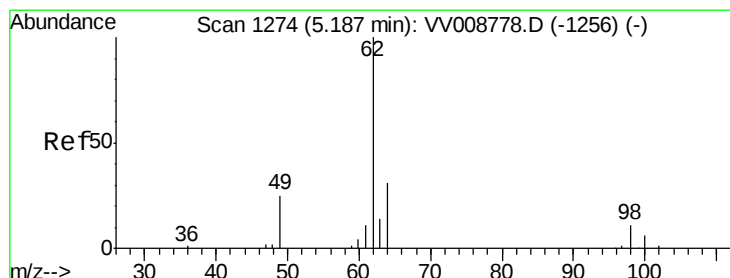
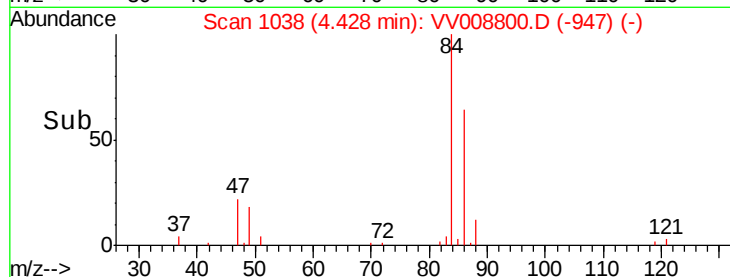
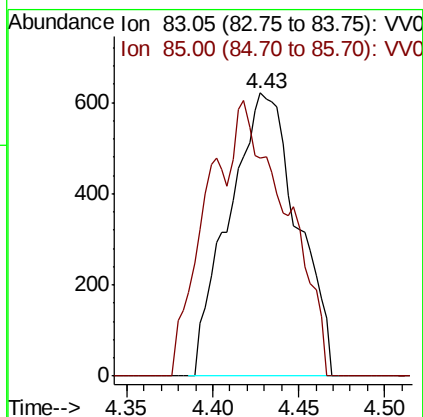
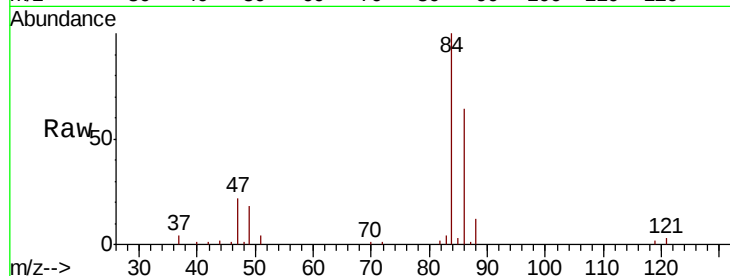




#25
Chloroform
Concen: 0.097 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

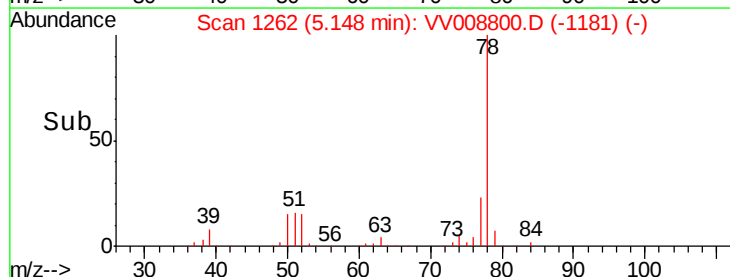
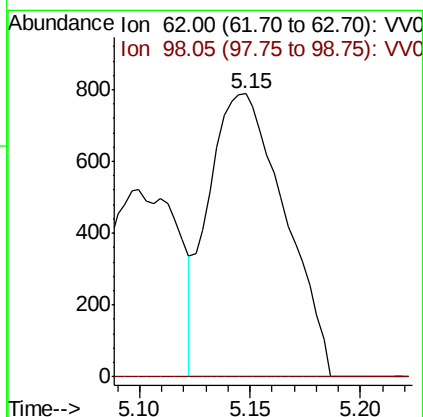
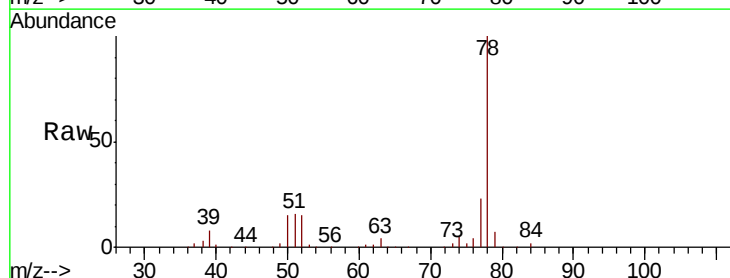
Instrument :
MSVOA_V
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YALS2MS

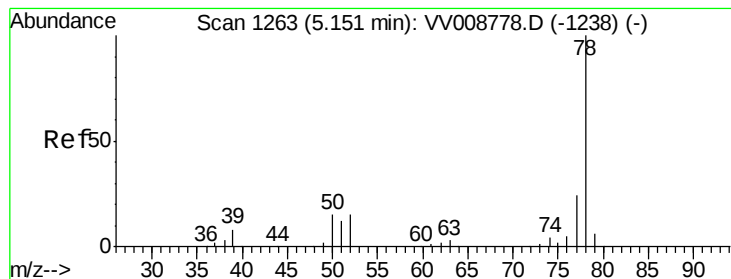
Tgt Ion: 83 Resp: 1717
Ion Ratio Lower Upper
83 100
85 77.0 47.0 87.4



#27
1,2-Dichloroethane
Concen: 0.185 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.04 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

Tgt Ion: 62 Resp: 1878
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#





#33

Benzene

Concen: 5.337 ug/L

RT: 5.15 min Scan# 1263

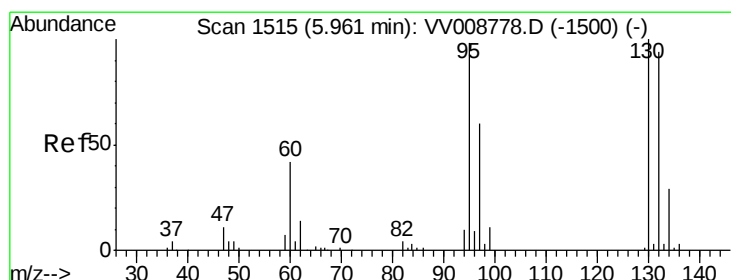
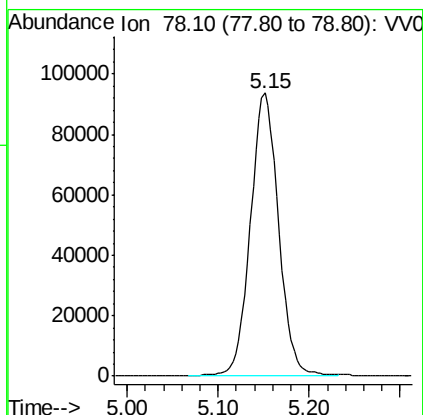
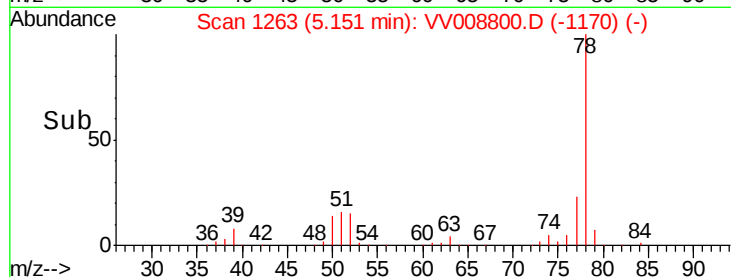
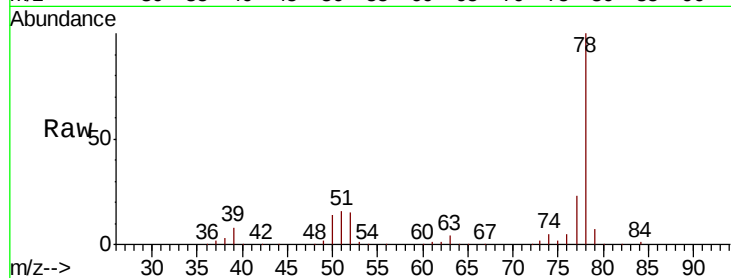
Delta R.T. 0.00 min

Lab File: VV008800.D

Acq: 30 Nov 2018 07:00

Instrument :
MSVOA_V
ClientSampleId :
YALS2MS

Tgt Ion: 78 Resp: 201825



#34

Trichloroethene

Concen: 5.111 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008800.D

Acq: 30 Nov 2018 07:00

Tgt Ion: 95 Resp: 53734

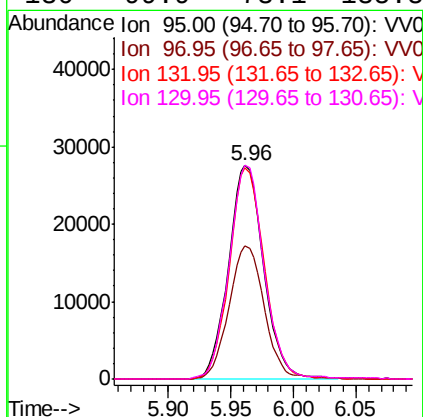
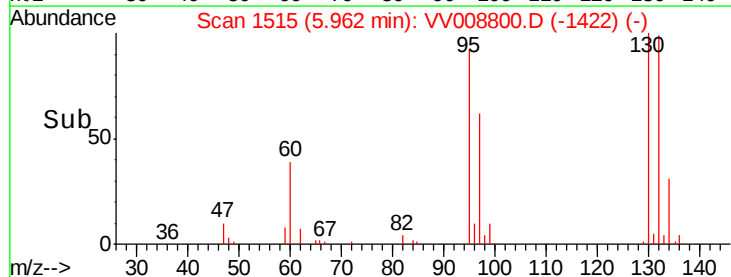
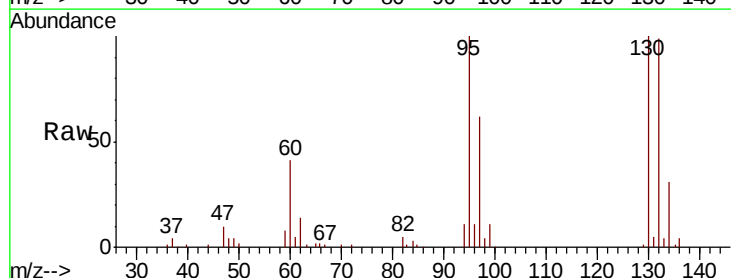
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.5	86.3
132	99.2	69.4	128.8
130	99.9	73.1	135.8

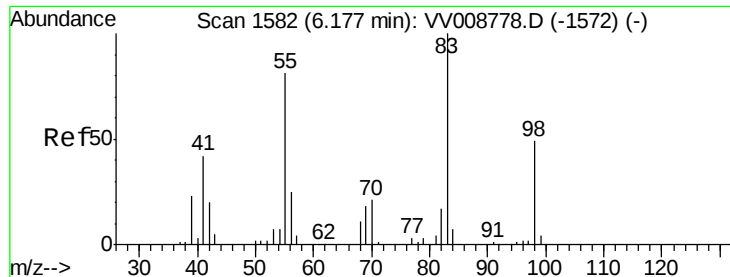
95 100

97 62.2 46.5 86.3

132 99.2 69.4 128.8

130 99.9 73.1 135.8

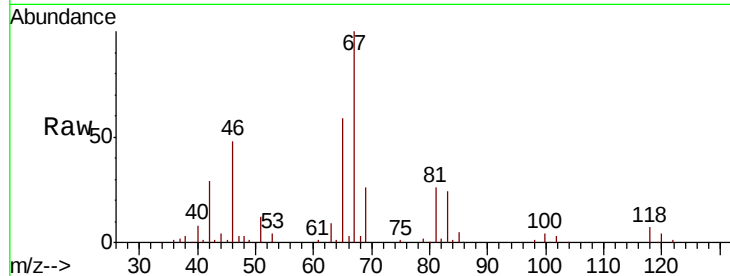




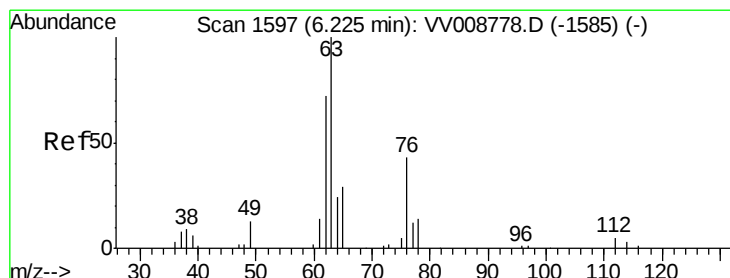
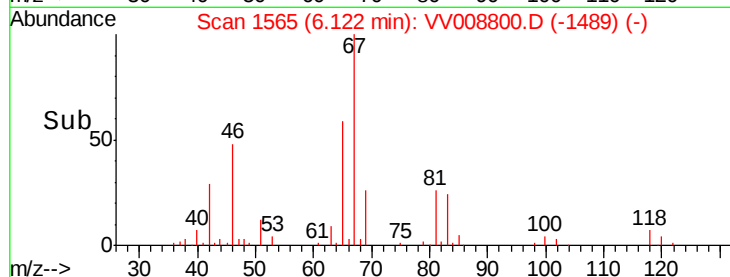
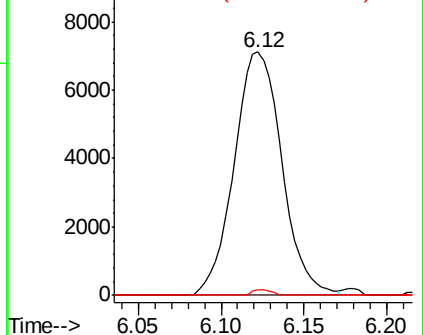
#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

Instrument :
MSVOA_V
ClientSampleId :
YALS2MS

Tgt Ion: 83 Resp: 14296
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.9 37.4 56.2#

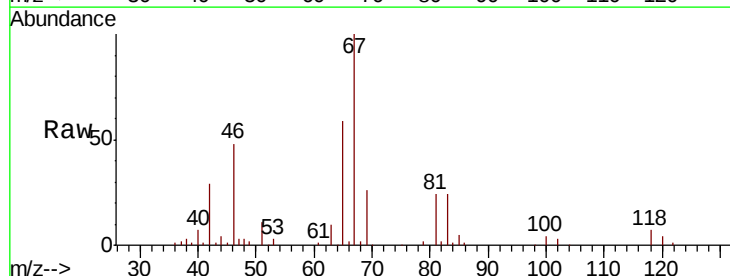


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

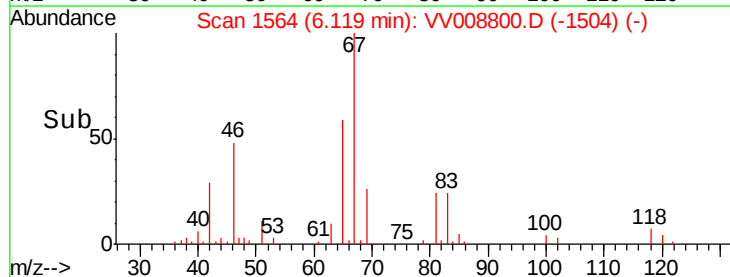
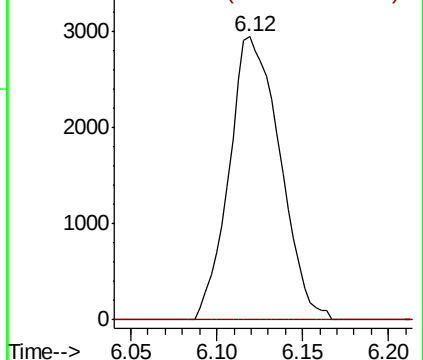


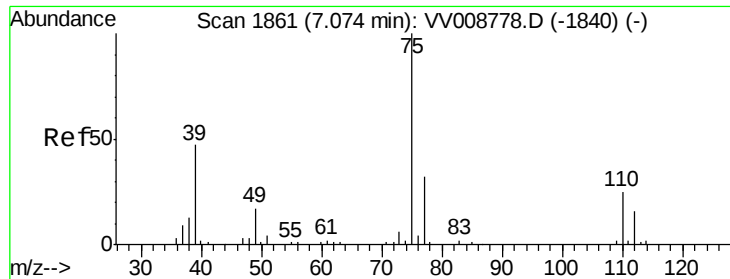
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

Tgt Ion: 63 Resp: 6038
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

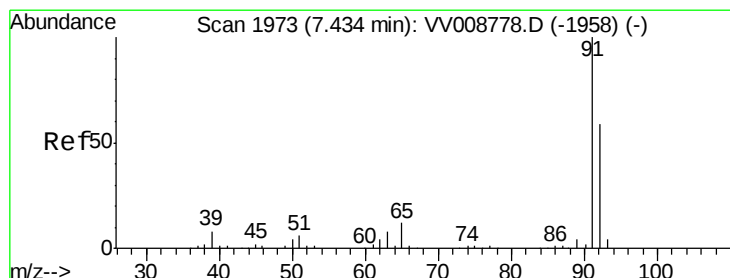
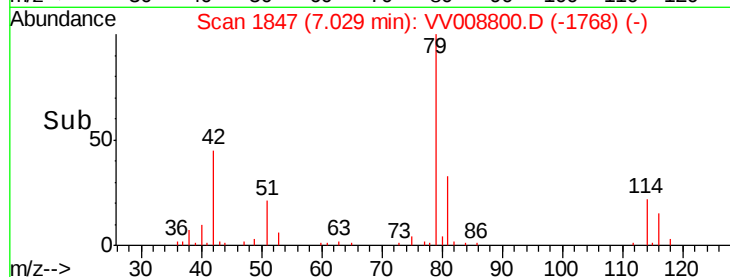
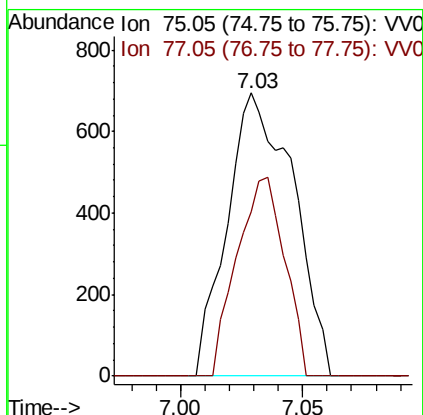
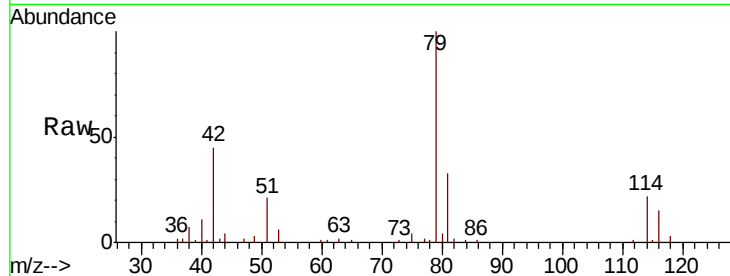




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008800.D
 Acq: 30 Nov 2018 07:00

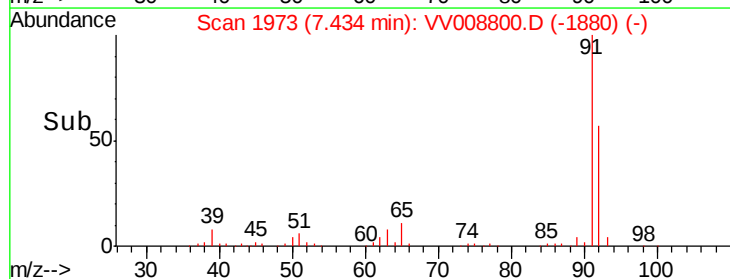
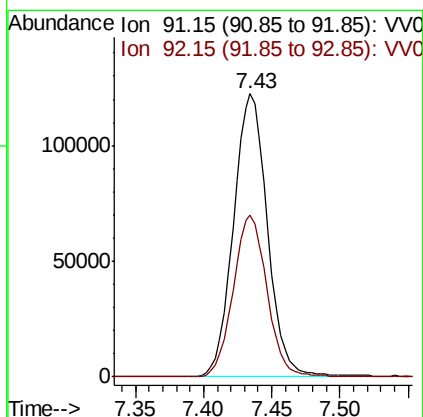
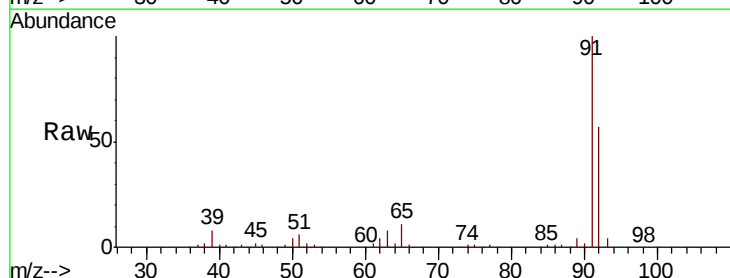
Instrument :
 MSVOA_V
 ClientSampleId :
 YALS2MS

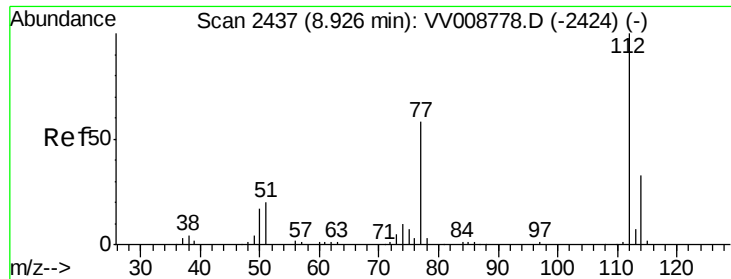
Tgt Ion: 75 Resp: 1306
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.8 42.4#



#42
 Toluene
 Concen: 5.325 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008800.D
 Acq: 30 Nov 2018 07:00

Tgt Ion: 91 Resp: 210756
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.5 75.3





#51
Chlorobenzene
Concen: 5.282 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008800.D
Acq: 30 Nov 2018 07:00

Instrument :
MSVOA_V
ClientSampleId :
YALS2MS

Tgt Ion	Resp	Lower	Upper
112	137637		
114	31.9	22.8	42.4
77	56.9	46.2	69.4

