

Data File : VV008452.D
Acq On : 29 Oct 2018 14:42
Operator : SY/MD
Sample : J5669-15MSD
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW4MSD

Quant Time: Oct 30 07:44:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49986	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.20%
7) Chloroethane-d5	1.56	69	38757	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.14%
11) 1,1-Dichloroethene-d2	2.13	63	93180	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
21) 2-Butanone-d5	3.94	46	117362	101.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.41	84	125996	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.09	65	89289	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.10	84	260355	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.12	67	89307	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.80%
41) Toluene-d8	7.36	98	236699	51.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.16%
43) trans-1,3-Dichloropropene-	7.67	79	44072	51.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.42%
47) 2-Hexanone-d5	8.14	63	89633	97.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121466	51.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	82428	53.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.64%

Target Compounds

					Qvalue
5) Vinyl chloride	1.33	62	1336	0.983 ug/L #	1
9) Trichlorofluoromethane	2.13	101	683	0.391 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	683	0.748 ug/L #	20
12) 1,1-Dichloroethene	2.14	96	44738	52.014 ug/L	95
13) Acetone	2.19	43	7086	7.915 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	433	0.330 ug/L #	84
20) cis-1,2-Dichloroethene	3.97	96	55760	37.330 ug/L	99
27) 1,2-Dichloroethane	5.15	62	2316	1.050 ug/L #	77
33) Benzene	5.15	78	302358	52.150 ug/L	100
34) Trichloroethene	5.96	95	186709	125.786 ug/L	98
35) Methylcyclohexane	6.12	83	20562	8.148 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9692	6.053 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2626	1.043 ug/L #	62
42) Toluene	7.43	91	313734	52.096 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1733	0.736 ug/L	86
51) Chlorobenzene	8.93	112	190921	51.486 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration

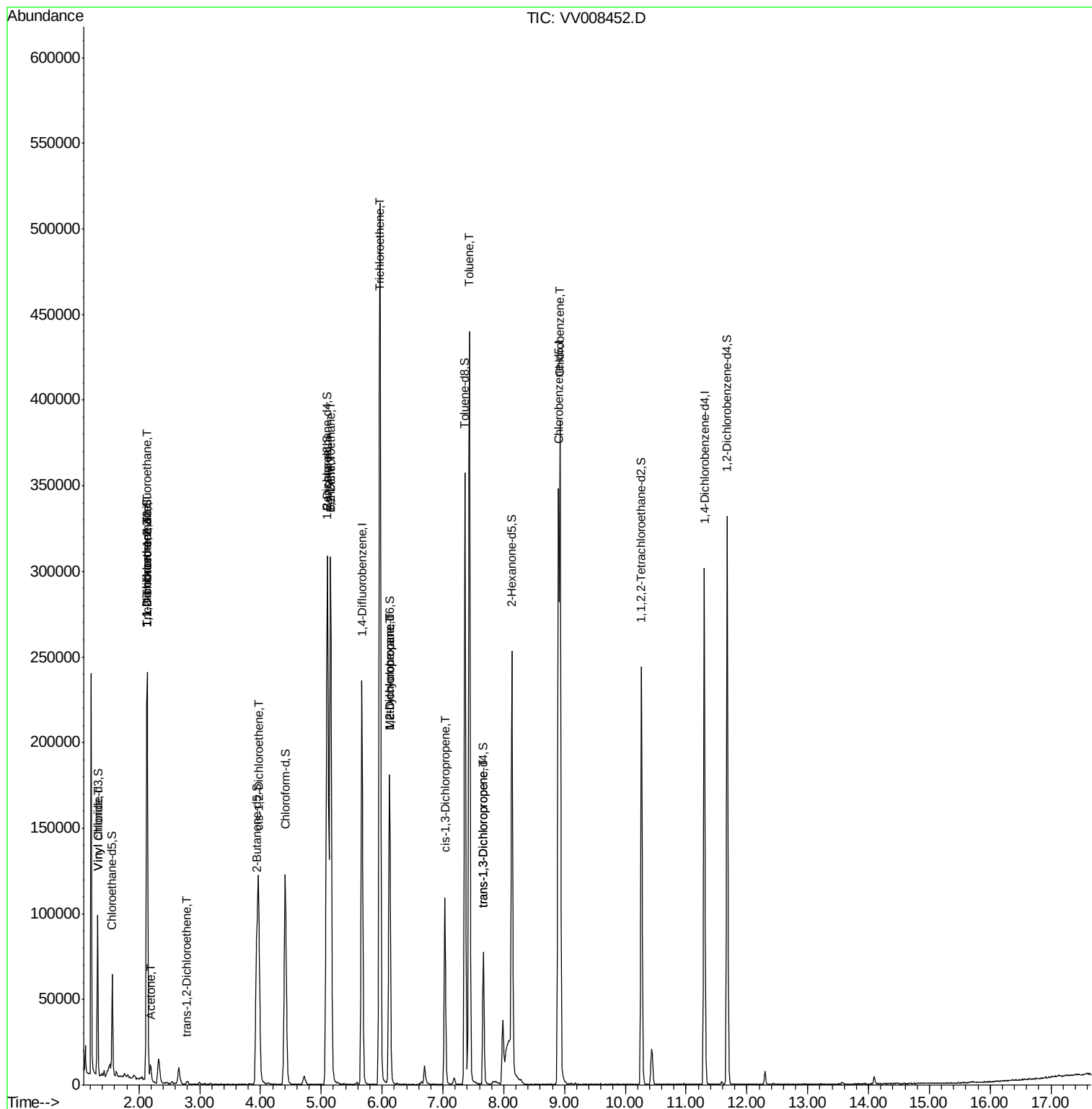
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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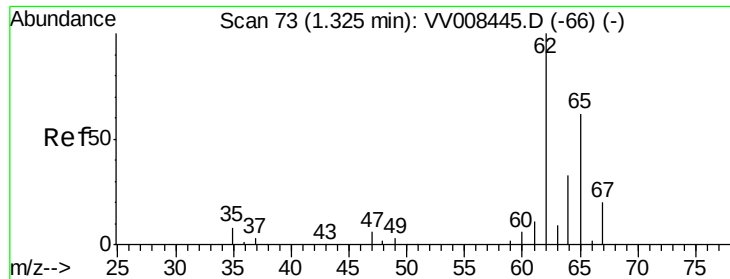
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 30 07:40:49 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.983 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

Instrument :

MSVOA_V

ClientSampleId :

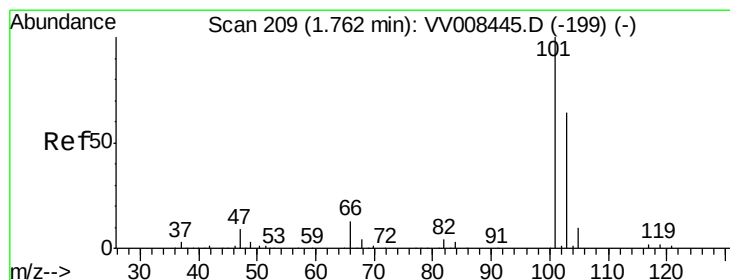
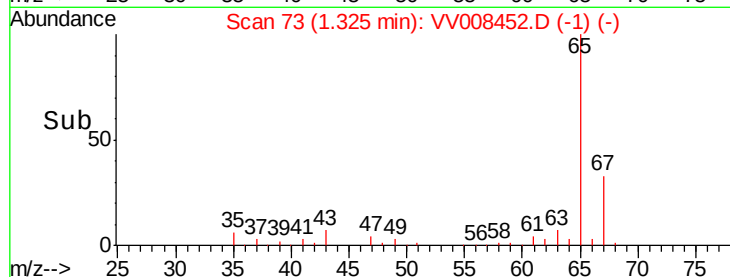
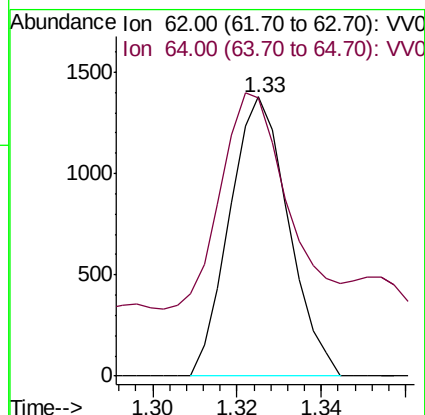
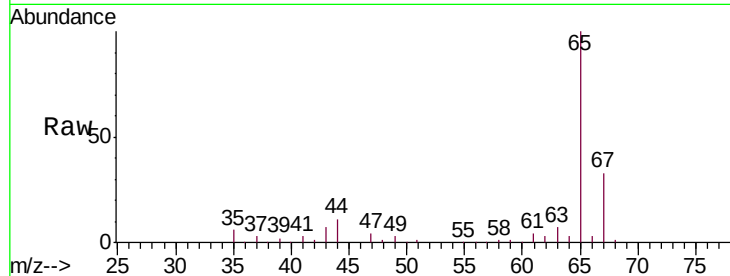
ETBW4MSD

Tgt Ion: 62 Resp: 1336

Ion Ratio Lower Upper

62 100

64 99.5 24.4 45.4#



#9

Trichlorofluoromethane

Concen: 0.391 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008452.D

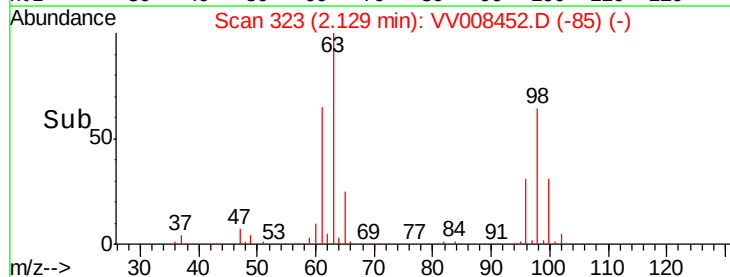
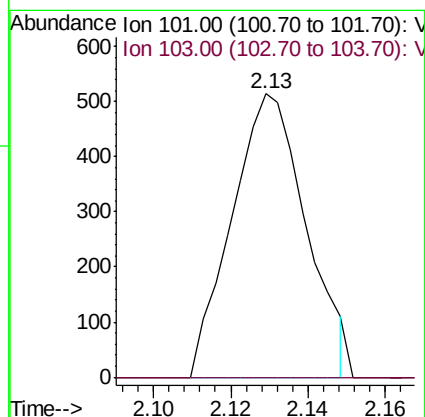
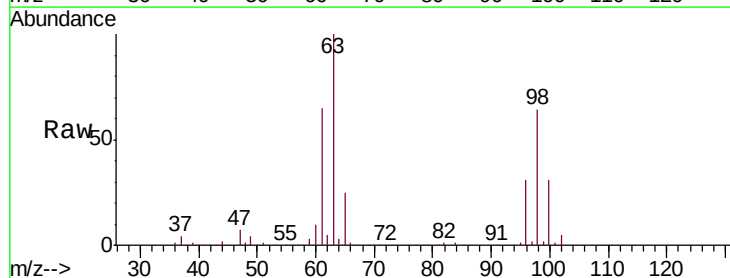
Acq: 29 Oct 2018 14:42

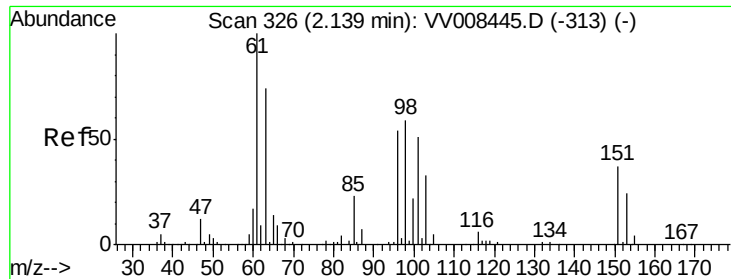
Tgt Ion: 101 Resp: 683

Ion Ratio Lower Upper

101 100

103 0.0 51.0 76.6#





#10

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

Concen: 0.748 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

Instrument :

MSVOA_V

ClientSampleId :

ETBW4MSD

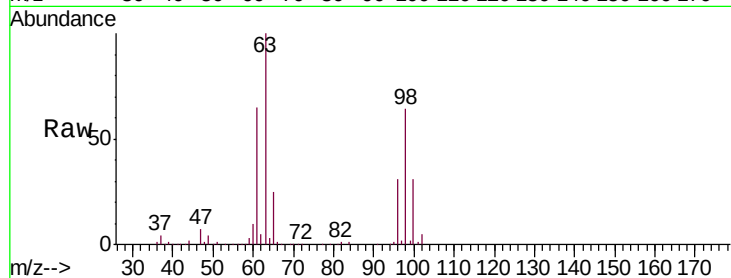
Tgt Ion: 101 Resp: 683

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

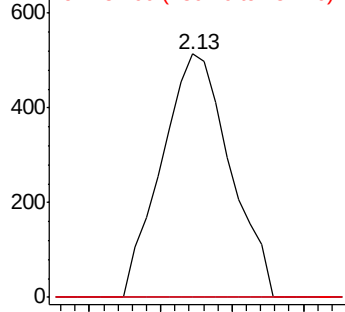
151 0.0 58.1 87.1#



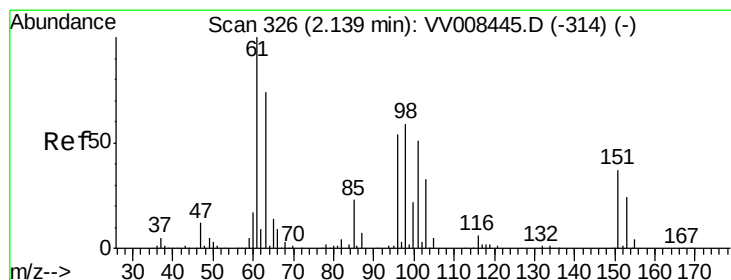
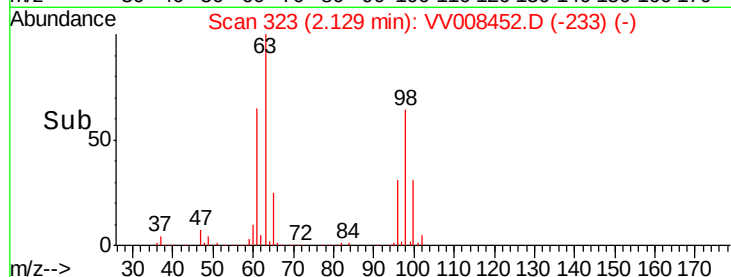
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 52.014 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

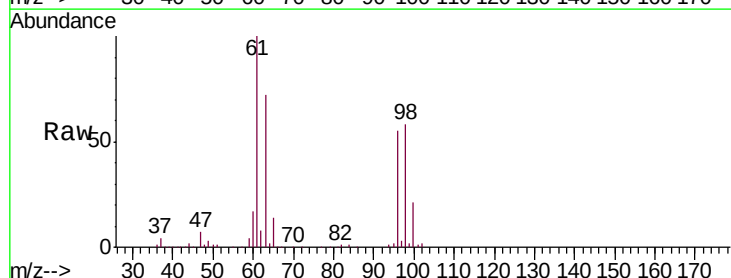
Tgt Ion: 96 Resp: 44738

Ion Ratio Lower Upper

96 100

61 182.2 130.3 242.1

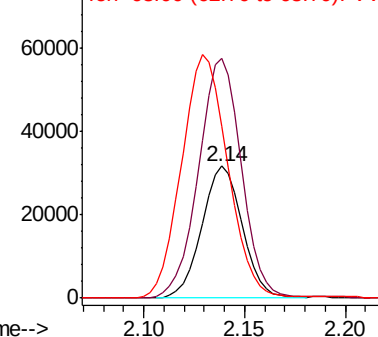
63 130.7 84.4 156.8



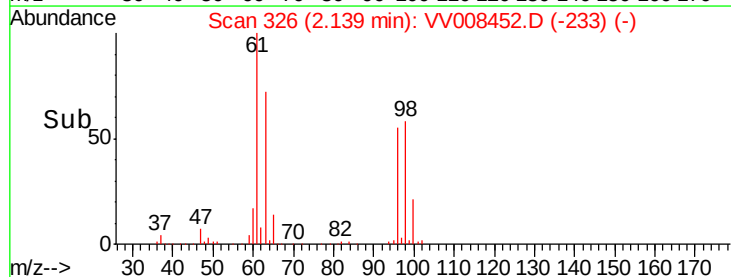
Abundance Ion 96.00 (95.70 to 96.70): VV0

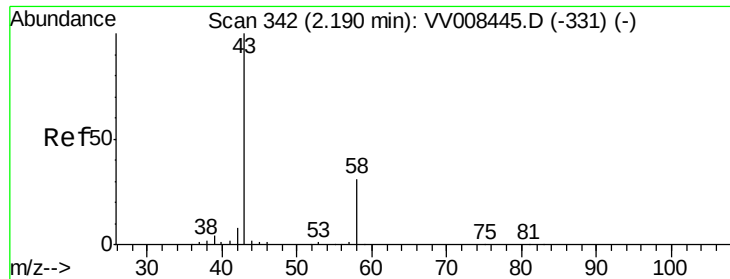
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#13

Acetone

Concen: 7.915 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

Instrument :

MSVOA_V

ClientSampled :

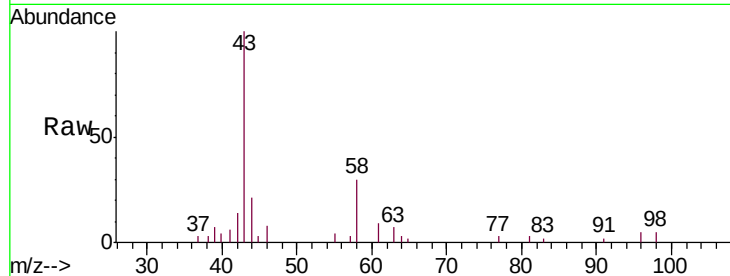
ETBW4MSD

Tgt Ion: 43 Resp: 7086

Ion Ratio Lower Upper

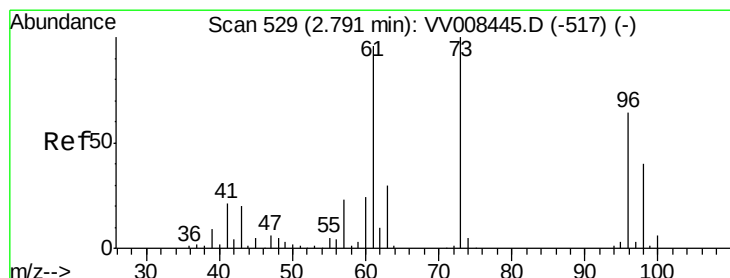
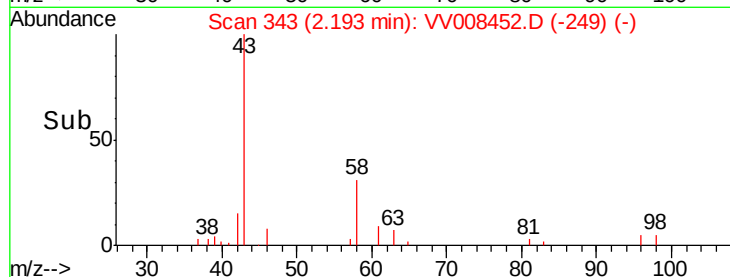
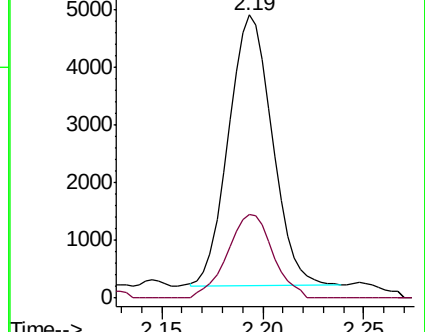
43 100

58 32.4 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-331) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.330 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

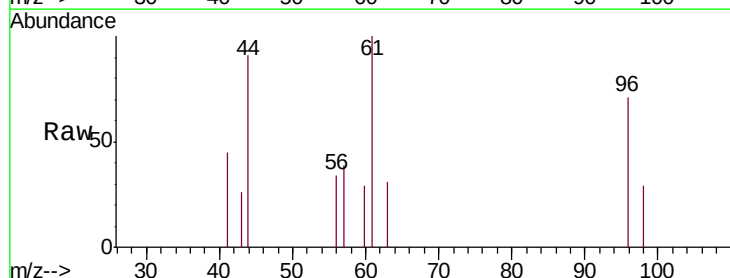
Tgt Ion: 96 Resp: 433

Ion Ratio Lower Upper

96 100

61 141.2 108.6 201.6

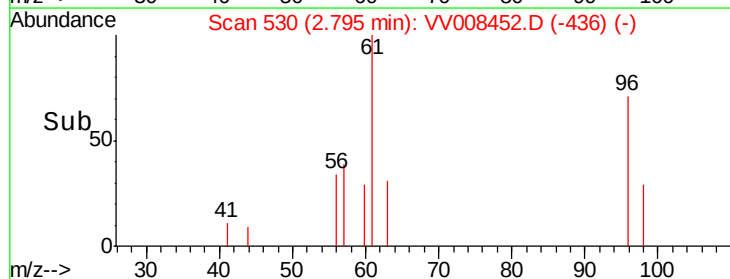
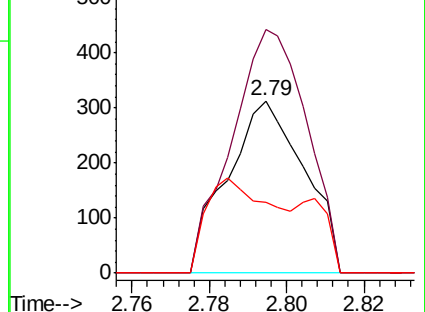
98 41.2 44.3 82.3#

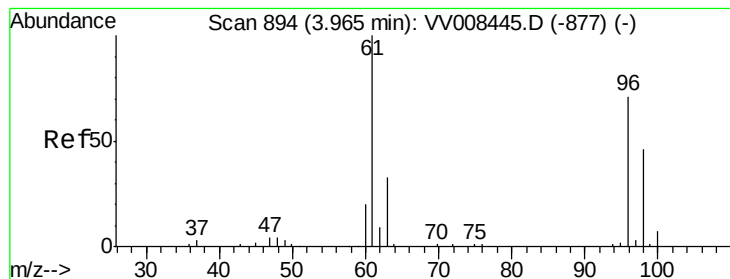


Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008445.D (-517) (-)



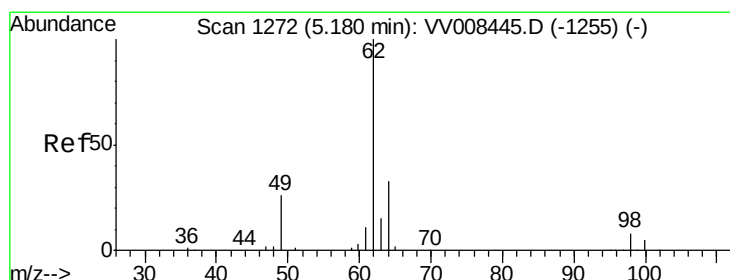
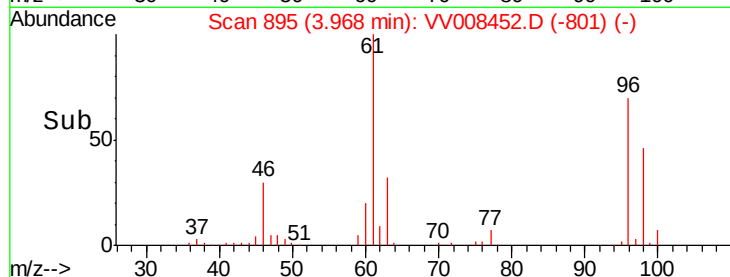
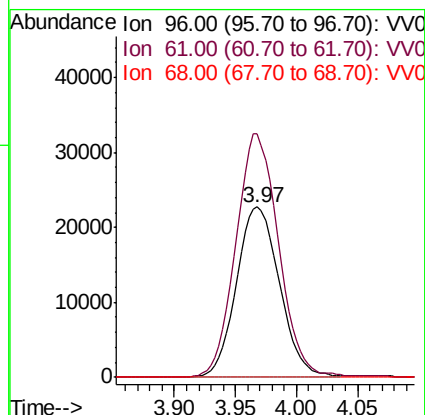
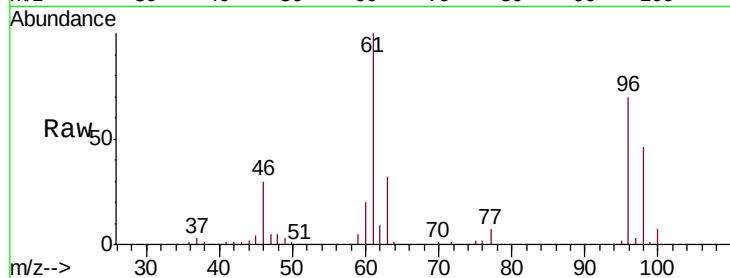


#20

cis-1,2-Dichloroethene
Concen: 37.330 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008452.D
Acq: 29 Oct 2018 14:42

Instrument :
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ClientSampleId :
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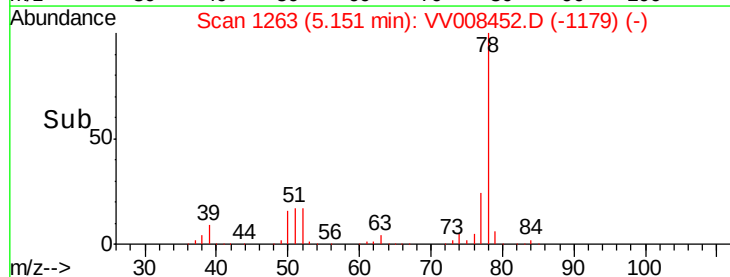
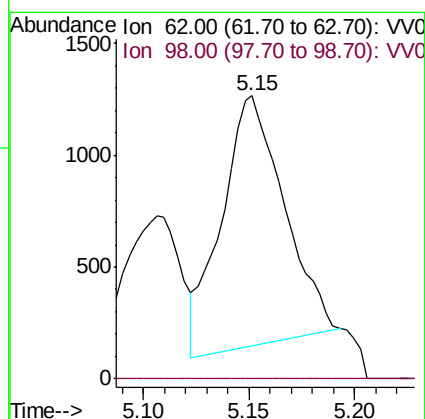
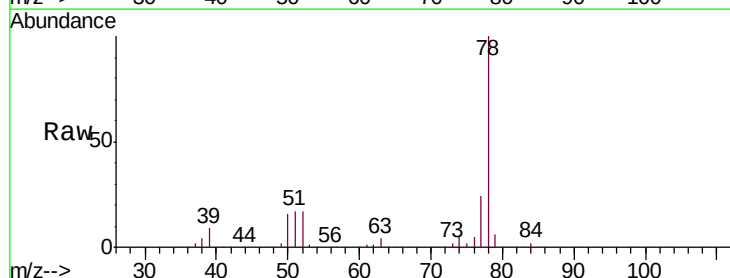
Tgt Ion: 96 Resp: 55760
Ion Ratio Lower Upper
96 100
61 142.7 100.9 187.5
68 0.0 0.0 0.0

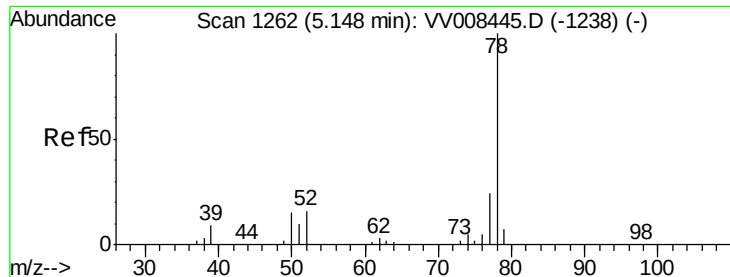


#27

1,2-Dichloroethane
Concen: 1.050 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.03 min
Lab File: VV008452.D
Acq: 29 Oct 2018 14:42

Tgt Ion: 62 Resp: 2316
Ion Ratio Lower Upper
62 100
98 0.0 6.6 9.8#





#33

Benzene

Concen: 52.150 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

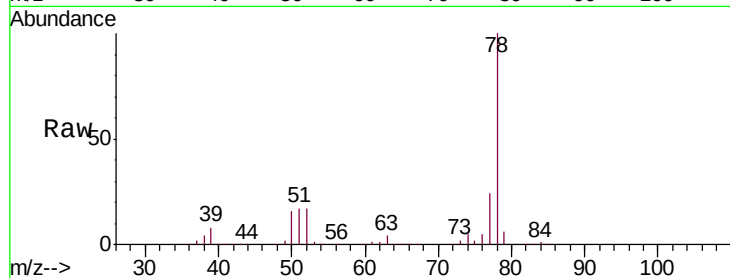
Instrument :

MSVOA_V

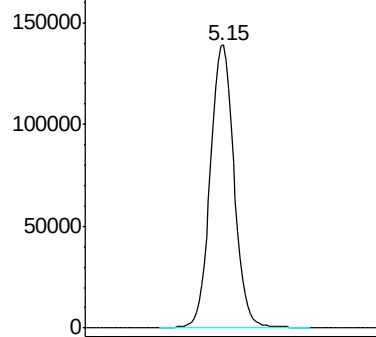
ClientSampleId :

ETBW4MSD

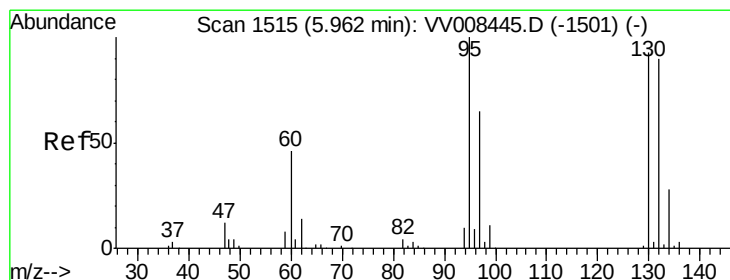
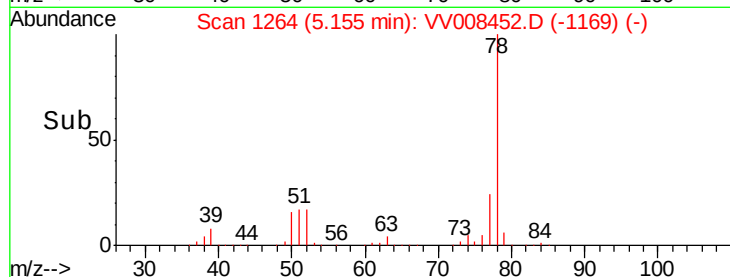
Tgt Ion: 78 Resp: 302358



Abundance Ion 78.00 (77.70 to 78.70): VV0



Time-->



#34

Trichloroethene

Concen: 125.786 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

Tgt Ion: 95 Resp: 186709

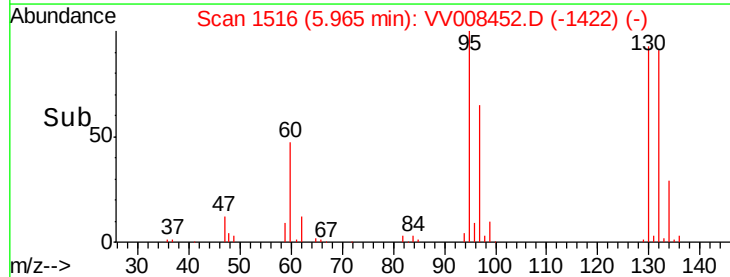
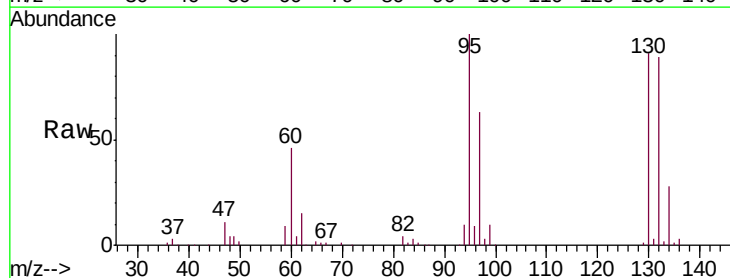
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.2	84.0
132	88.8	63.8	118.6
130	90.7	64.7	120.1

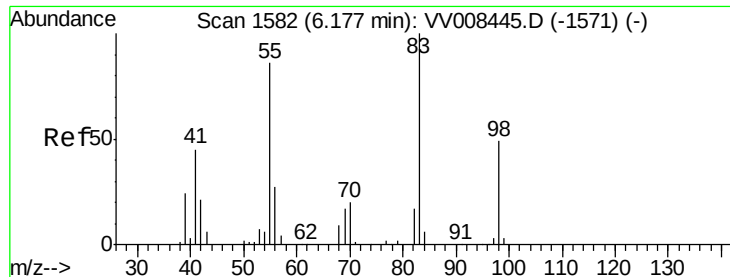
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

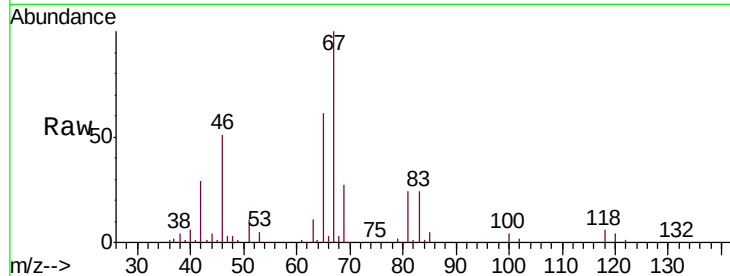




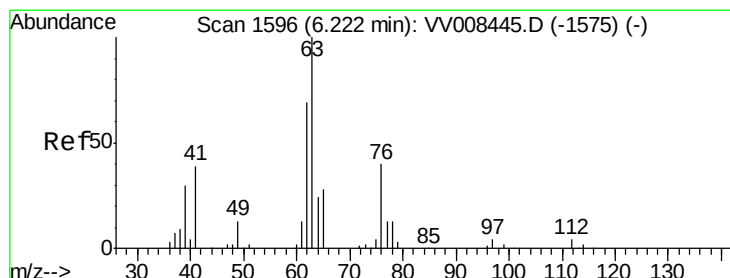
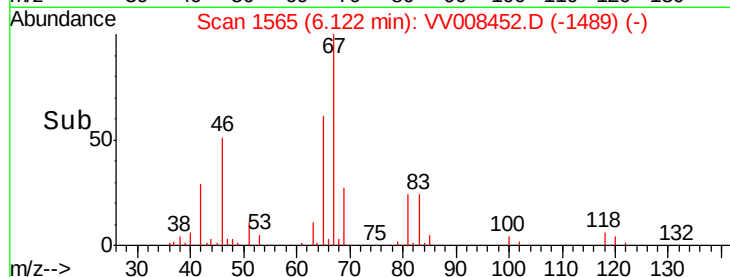
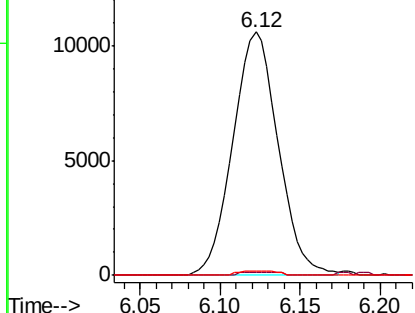
#35
Methylcyclohexane
Concen: 8.148 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008452.D
Acq: 29 Oct 2018 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4MSD

Tgt Ion: 83 Resp: 20562
Ion Ratio Lower Upper
83 100
55 0.9 65.0 97.4#
98 1.5 36.0 54.0#

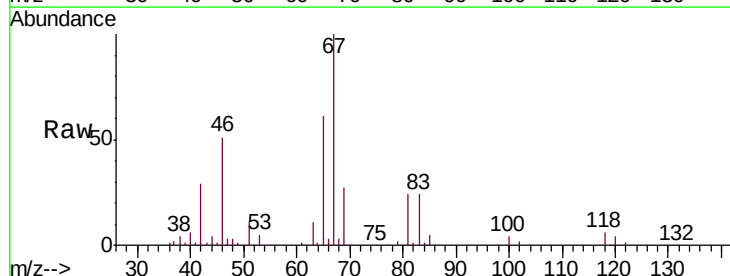


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

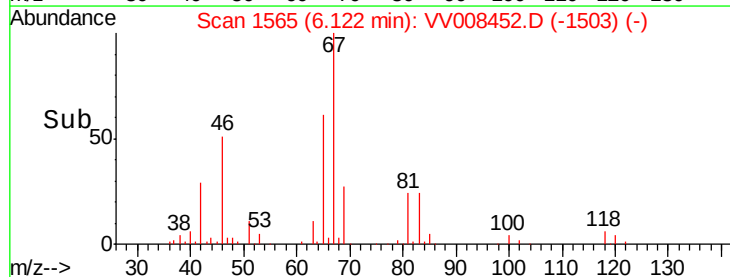
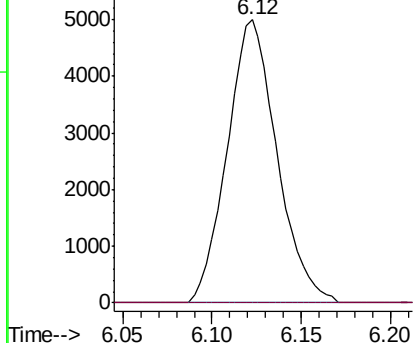


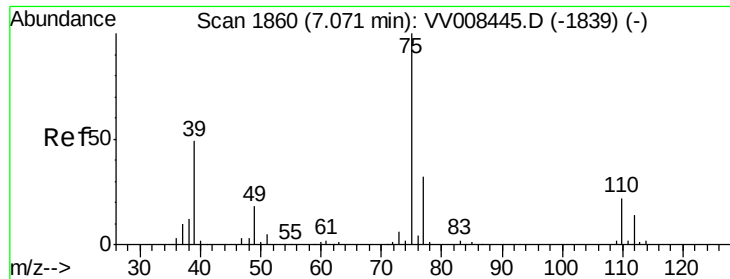
#37
1,2-Dichloropropane
Concen: 6.053 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008452.D
Acq: 29 Oct 2018 14:42

Tgt Ion: 63 Resp: 9692
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

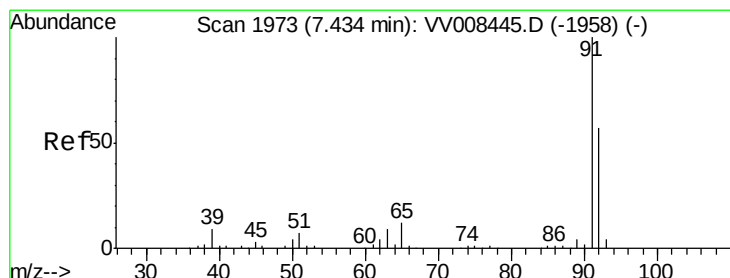
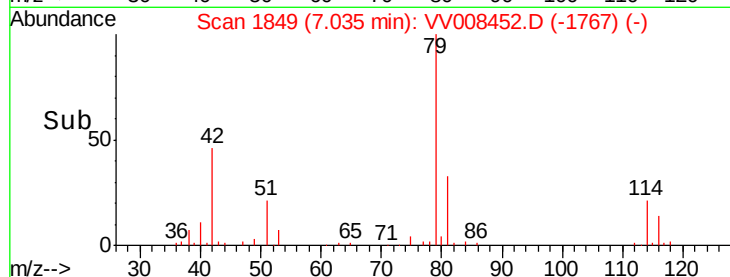
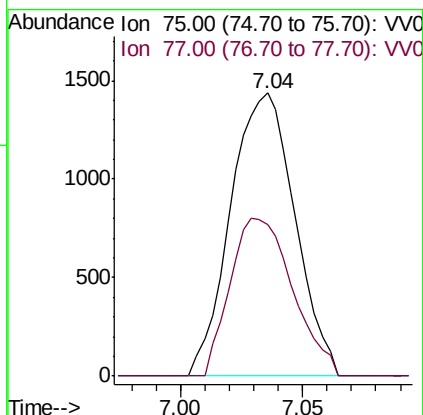
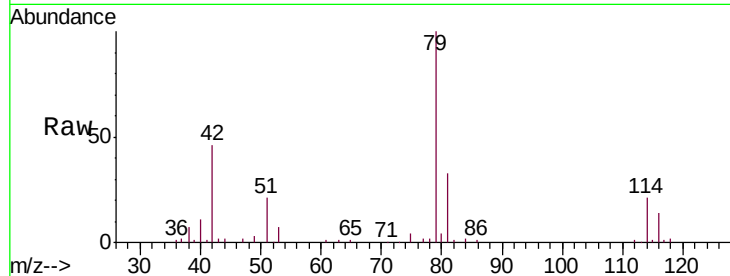




#39
 cis-1,3-Dichloropropene
 Concen: 1.043 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008452.D
 Acq: 29 Oct 2018 14:42

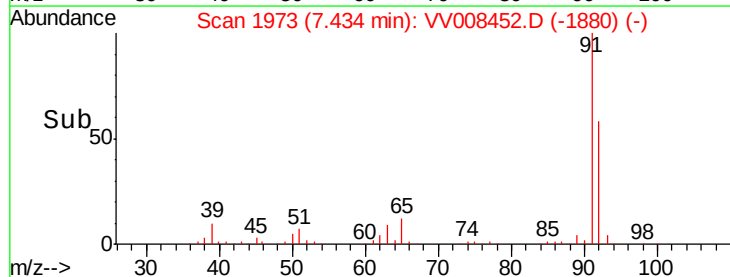
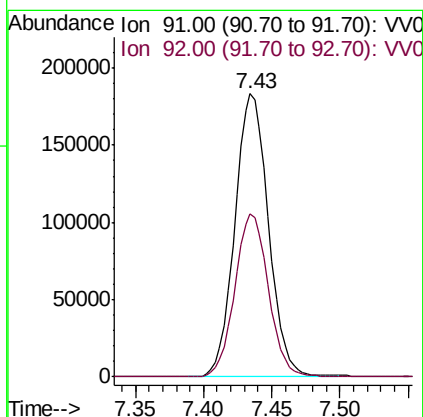
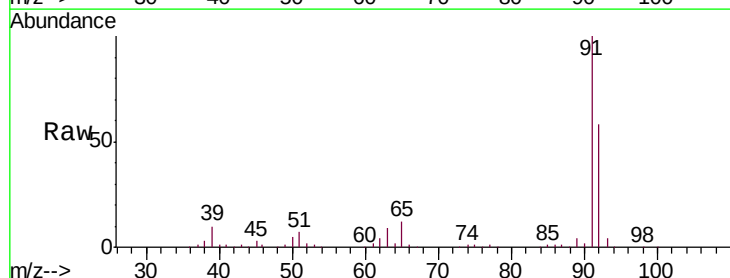
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW4MSD

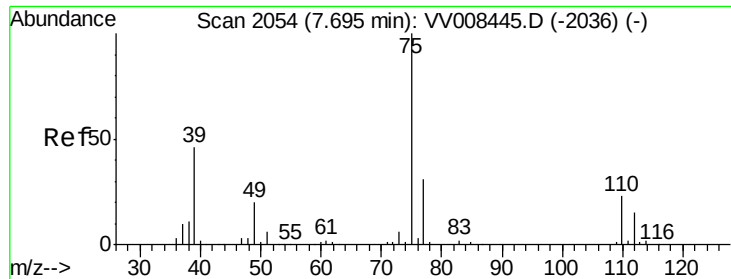
Tgt Ion: 75 Resp: 2626
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.6 42.0#



#42
 Toluene
 Concen: 52.096 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008452.D
 Acq: 29 Oct 2018 14:42

Tgt Ion: 91 Resp: 313734
 Ion Ratio Lower Upper
 91 100
 92 57.7 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 0.736 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

Instrument :

MSVOA_V

ClientSampleId :

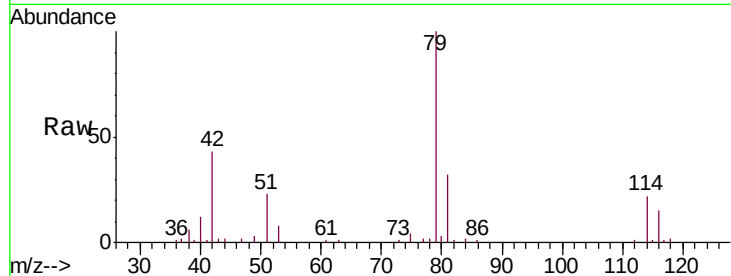
ETBW4MSD

Tgt Ion: 75 Resp: 1733

Ion Ratio Lower Upper

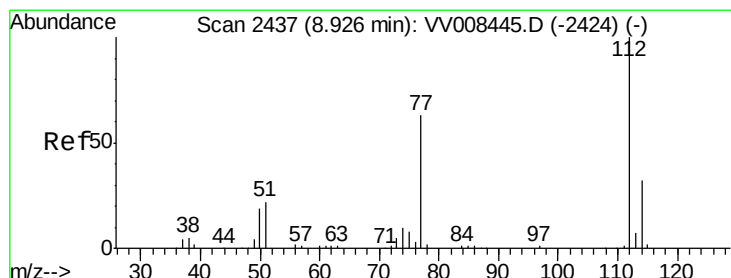
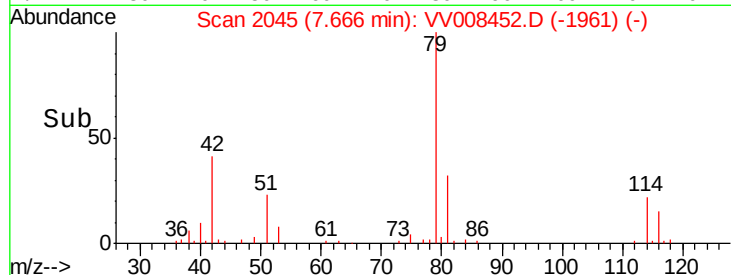
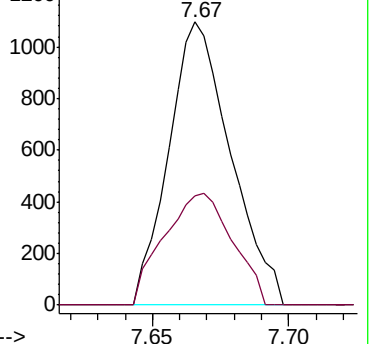
75 100

77 38.8 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-2036) (-)



#51

Chlorobenzene

Concen: 51.486 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008452.D

Acq: 29 Oct 2018 14:42

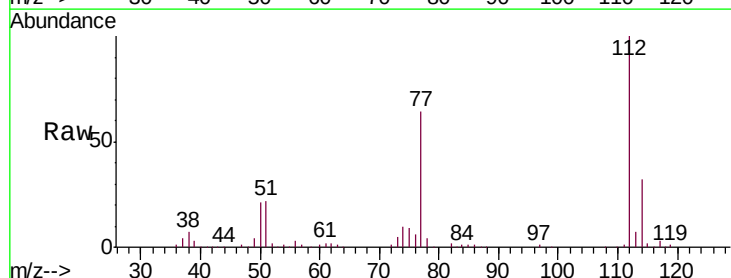
Tgt Ion: 112 Resp: 190921

Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 64.4 52.0 78.0



Abundance Ion 112.00 (111.70 to 112.70): VV008445.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV008445.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV008445.D (-2424) (-)

