

Data File : VV008451.D
Acq On : 29 Oct 2018 14:19
Operator : SY/MD
Sample : J5669-14MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW4MS

Quant Time: Oct 30 07:44:08 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	195549	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51060	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.56	69	39692	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.54%
11) 1,1-Dichloroethene-d2	2.13	63	94480	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
21) 2-Butanone-d5	3.93	46	116893	99.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.41	84	129784	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	89224	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.10	84	260956	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.12	67	90511	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.38%
41) Toluene-d8	7.36	98	238501	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%
43) trans-1,3-Dichloropropene-	7.67	79	43996	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.44%
47) 2-Hexanone-d5	8.14	63	87766	95.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.99%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	119675	50.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	79934	52.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.46%

Target Compounds

					Qvalue
5) Vinyl chloride	1.21	62	1697	1.224 ug/L	82
9) Trichlorofluoromethane	2.13	101	647	0.363 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	647	0.694 ug/L #	20
12) 1,1-Dichloroethene	2.14	96	41255	47.020 ug/L	87
13) Acetone	2.19	43	4246	4.649 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	536	0.401 ug/L #	68
20) cis-1,2-Dichloroethene	3.97	96	57849	37.966 ug/L	95
27) 1,2-Dichloroethane	5.15	62	2592	1.152 ug/L #	77
33) Benzene	5.15	78	286764	49.556 ug/L	100
34) Trichloroethene	5.96	95	186132	125.640 ug/L	99
35) Methylcyclohexane	6.12	83	20819	8.266 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9599	6.006 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2568	1.022 ug/L #	64
42) Toluene	7.43	91	298624	49.682 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1695	0.721 ug/L #	79
51) Chlorobenzene	8.93	112	179838	48.591 ug/L	99

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

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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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ClientSampleId :
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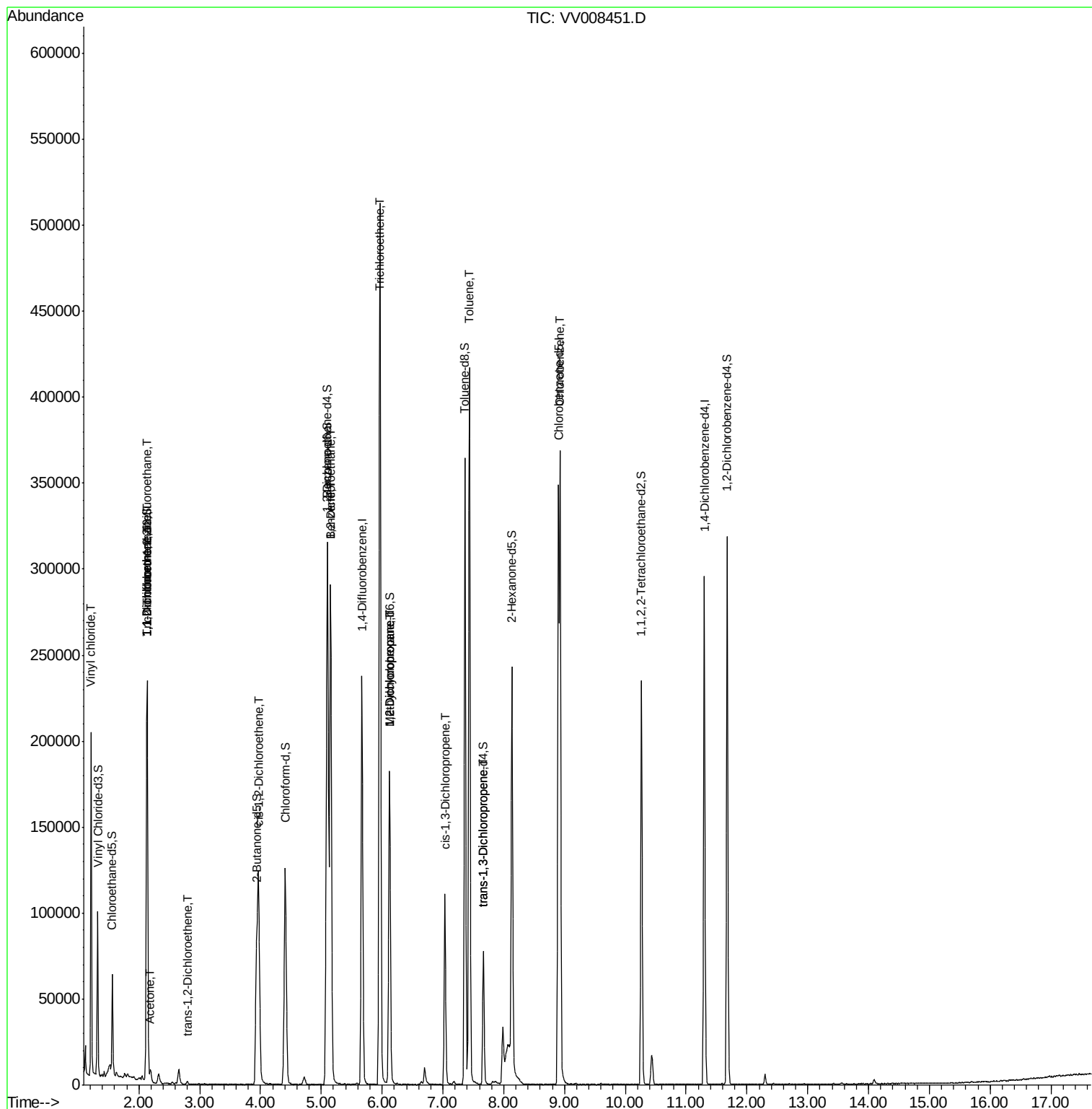
Quant Time: Oct 30 07:44:08 2018

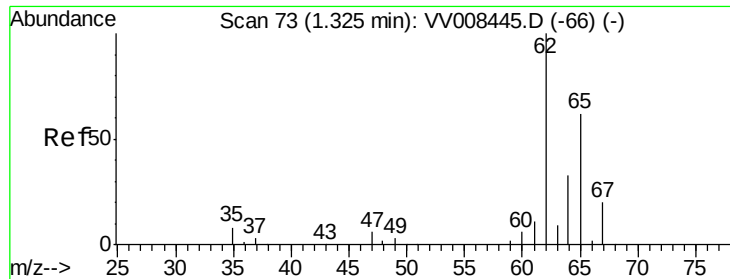
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM102318WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Oct 30 07:40:49 2018

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.224 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

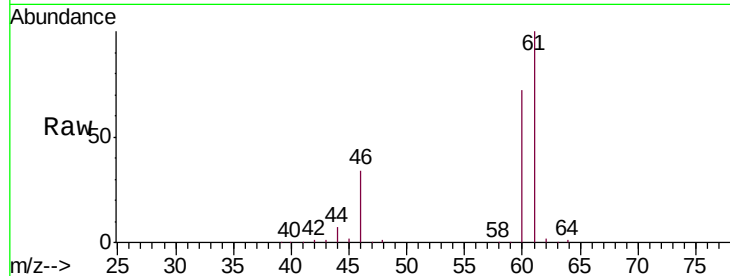
ETBW4MS

Tgt Ion: 62 Resp: 1697

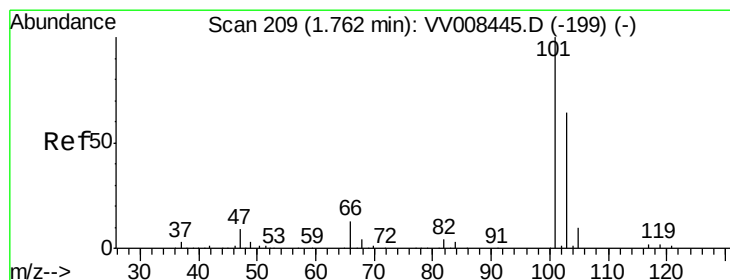
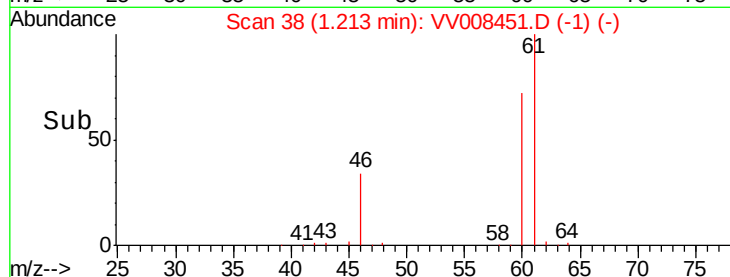
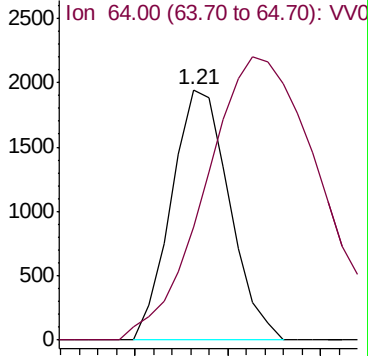
Ion Ratio Lower Upper

62 100

64 45.2 24.4 45.4



Abundance Ion 62.00 (61.70 to 62.70): VV008445.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 0.363 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.37 min

Lab File: VV008451.D

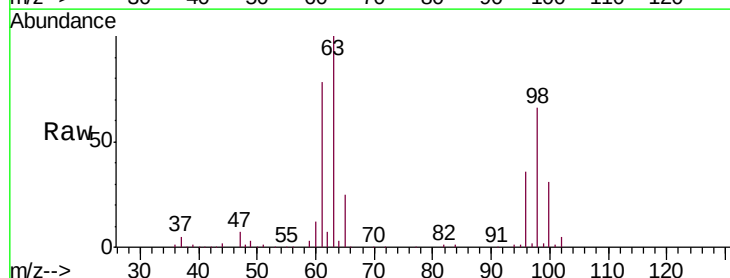
Acq: 29 Oct 2018 14:19

Tgt Ion: 101 Resp: 647

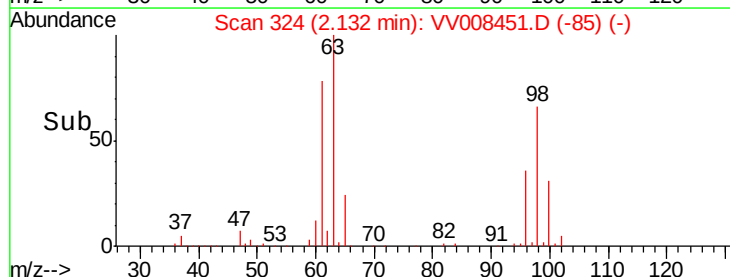
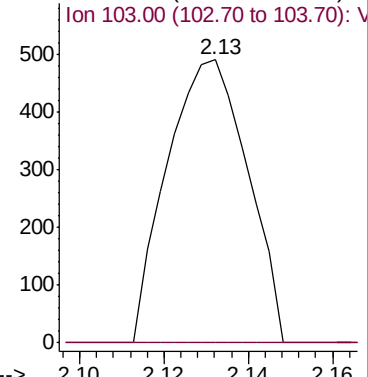
Ion Ratio Lower Upper

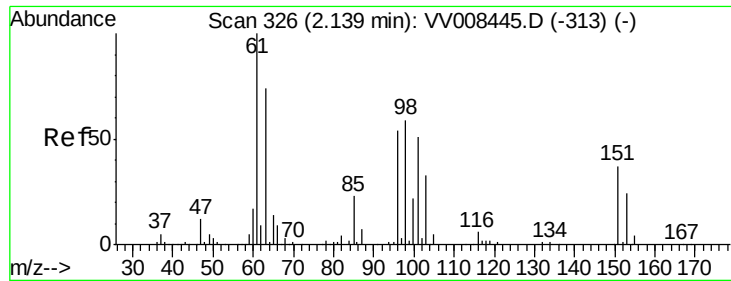
101 100

103 0.0 51.0 76.6#



Abundance Ion 101.00 (100.70 to 101.70): VV008445.D (-199) (-)





#10

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

Concen: 0.694 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

ETBW4MS

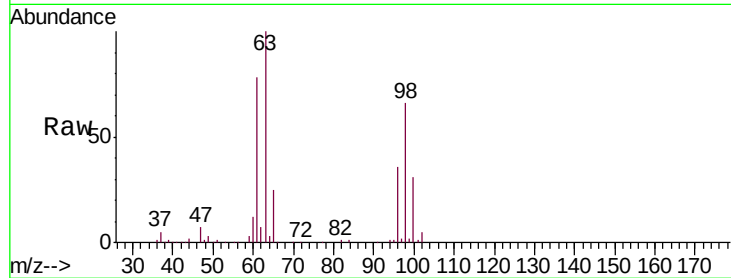
Tgt Ion: 101 Resp: 647

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

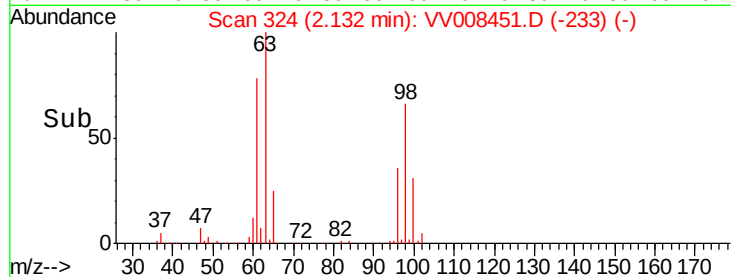
600

400

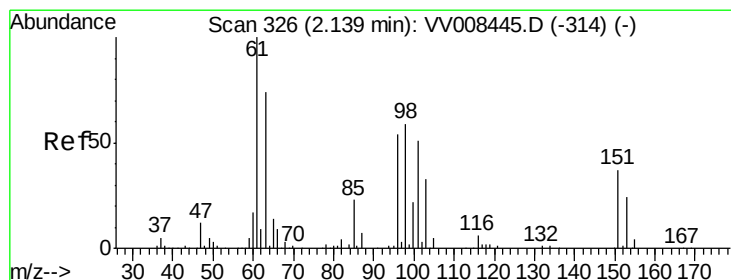
200

0

2.10 2.12 2.14 2.16



Time-->



#12

1,1-Dichloroethene

Concen: 47.020 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

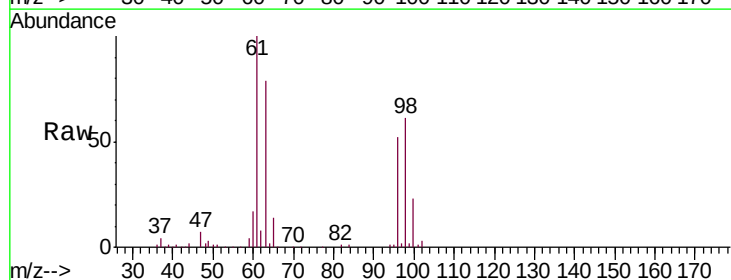
Tgt Ion: 96 Resp: 41255

Ion Ratio Lower Upper

96 100

61 192.5 130.3 242.1

63 151.2 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

80000

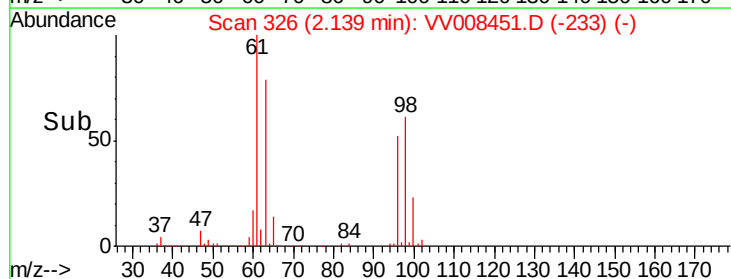
60000

40000

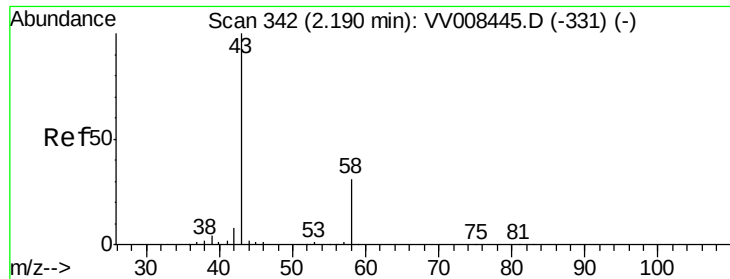
20000

0

2.10 2.15 2.20



Time-->



#13

Acetone

Concen: 4.649 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

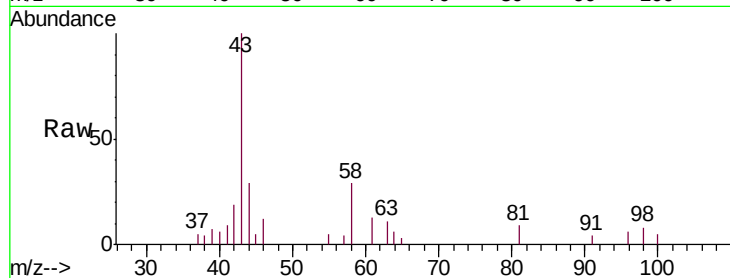
ETBW4MS

Tgt Ion: 43 Resp: 4246

Ion Ratio Lower Upper

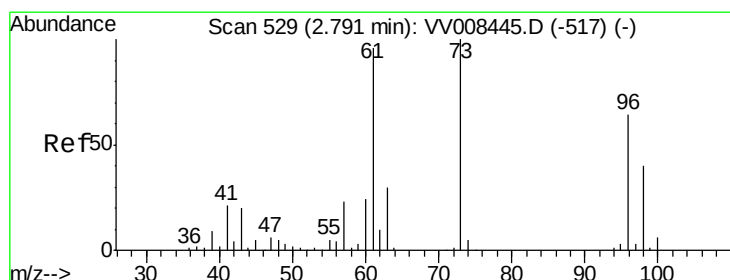
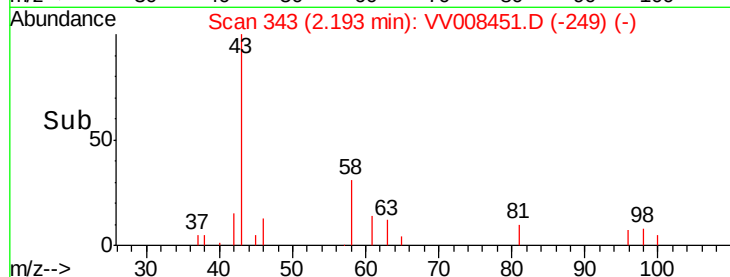
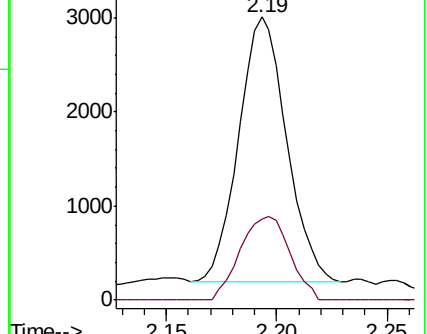
43 100

58 32.8 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: 0.401 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

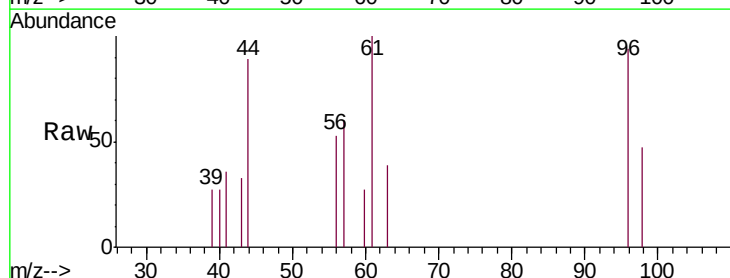
Tgt Ion: 96 Resp: 536

Ion Ratio Lower Upper

96 100

61 106.4 108.6 201.6#

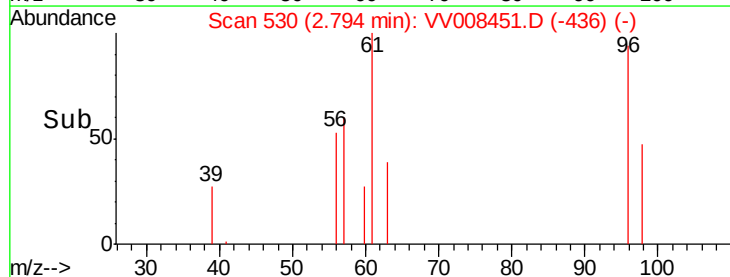
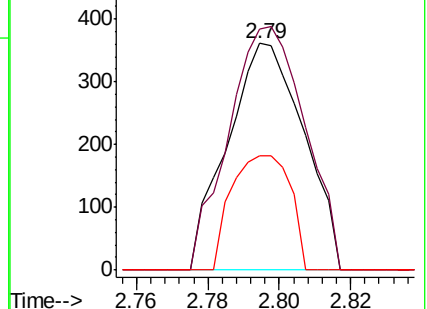
98 50.1 44.3 82.3

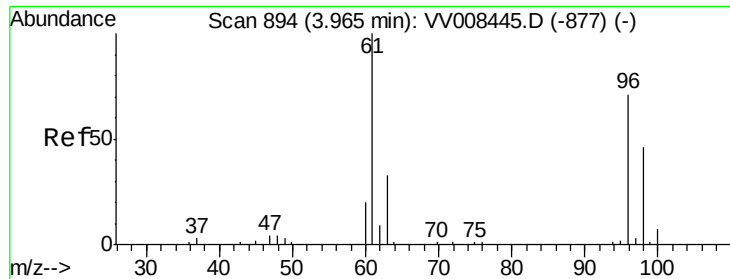


Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-517) (-)

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

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

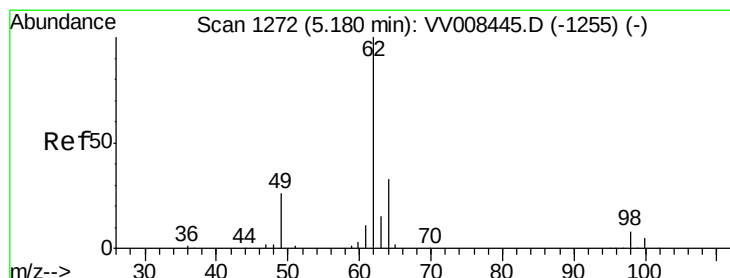
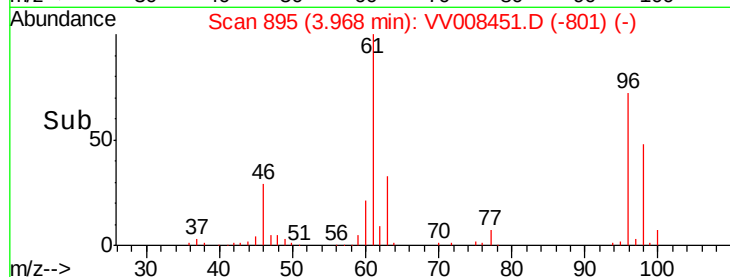
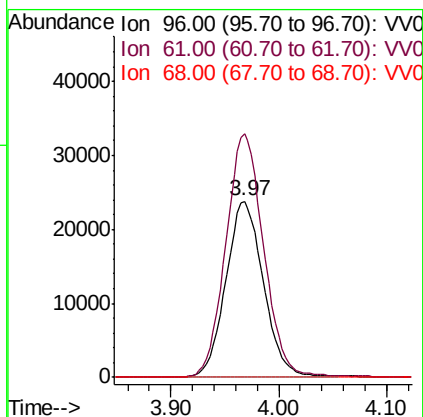
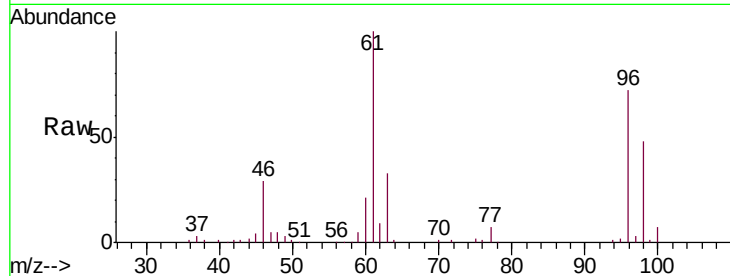




#20
 cis-1,2-Dichloroethene
 Concen: 37.966 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008451.D
 Acq: 29 Oct 2018 14:19

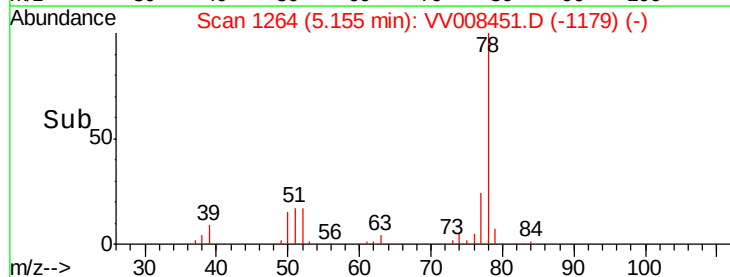
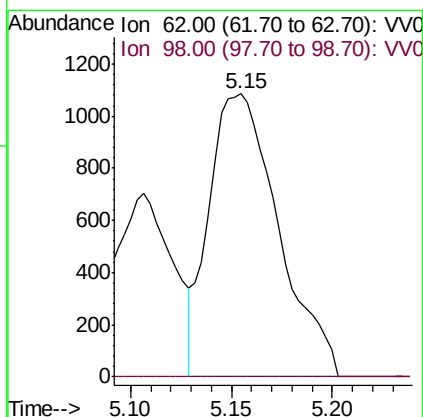
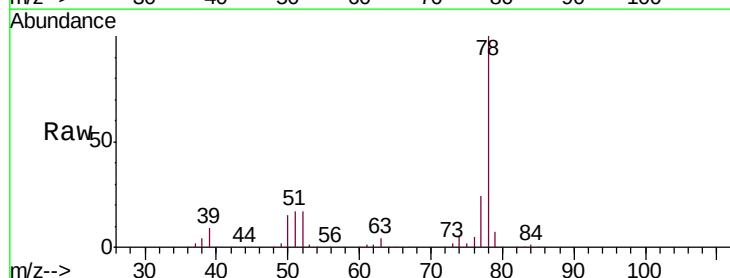
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW4MS

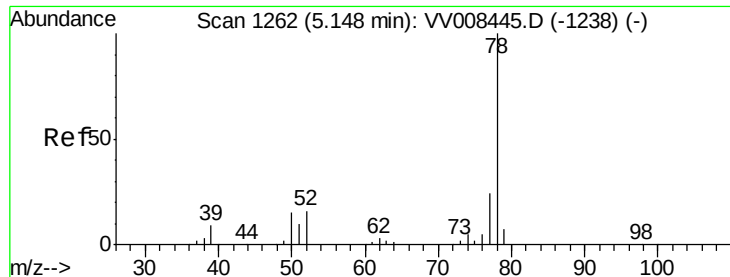
Tgt Ion: 96 Resp: 57849
 Ion Ratio Lower Upper
 96 100
 61 138.5 100.9 187.5
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 1.152 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: VV008451.D
 Acq: 29 Oct 2018 14:19

Tgt Ion: 62 Resp: 2592
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 9.8#





#33

Benzene

Concen: 49.556 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

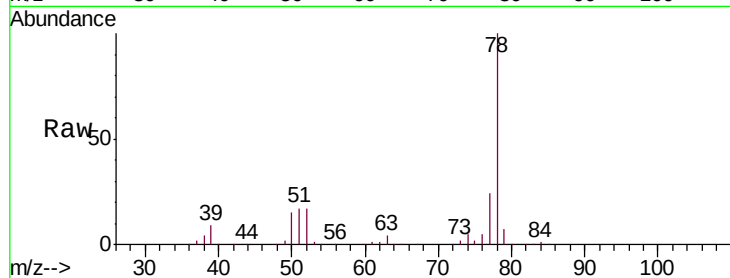
Instrument :

MSVOA_V

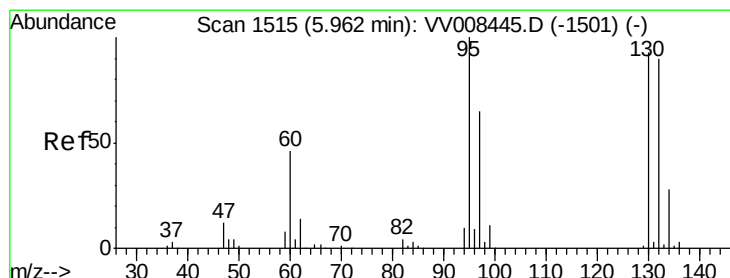
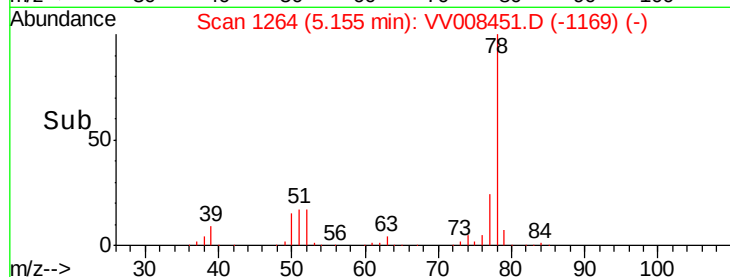
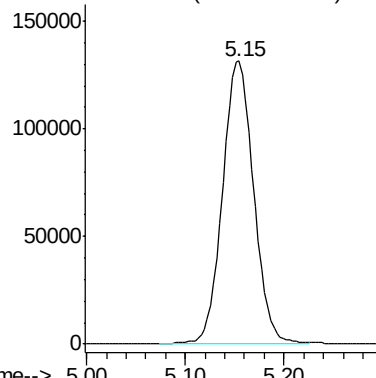
ClientSampleId :

ETBW4MS

Tgt Ion: 78 Resp: 286764



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 125.640 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Tgt Ion: 95 Resp: 186132

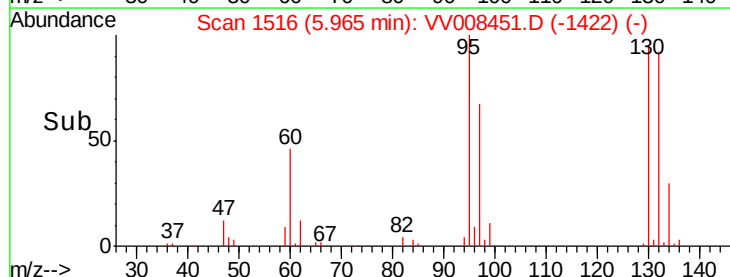
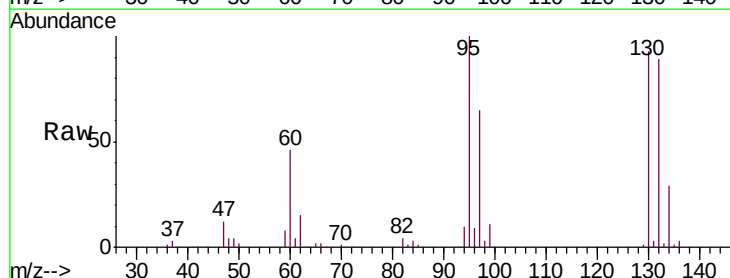
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.2	84.0
132	89.3	63.8	118.6
130	92.7	64.7	120.1

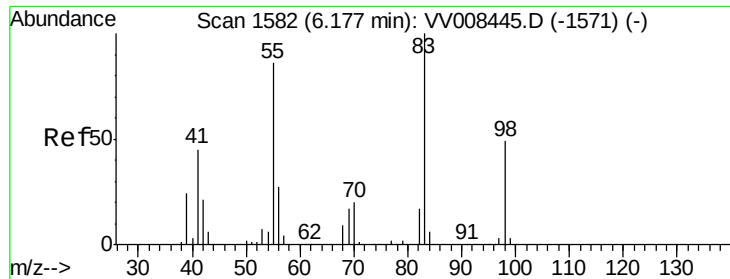
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

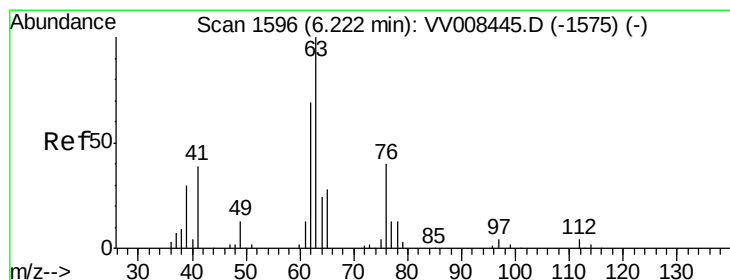
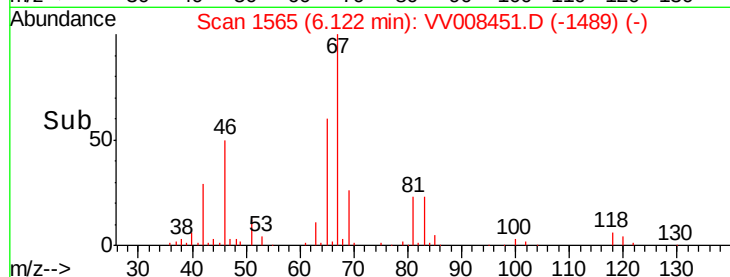
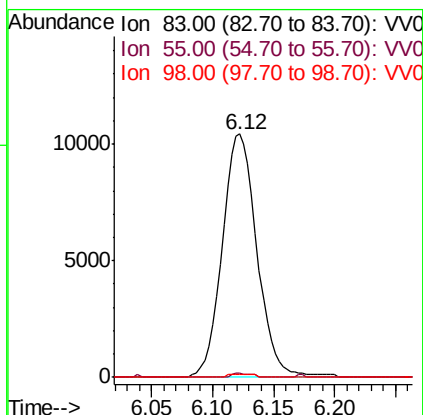
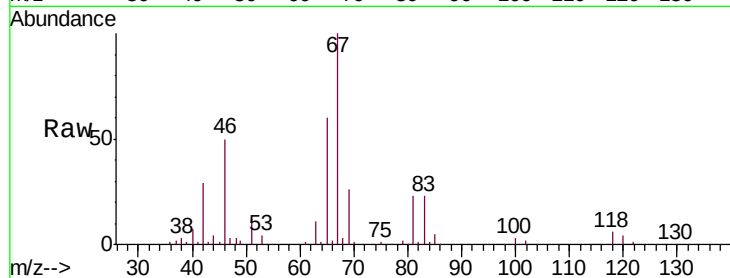




#35
Methylcyclohexane
Concen: 8.266 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008451.D
Acq: 29 Oct 2018 14:19

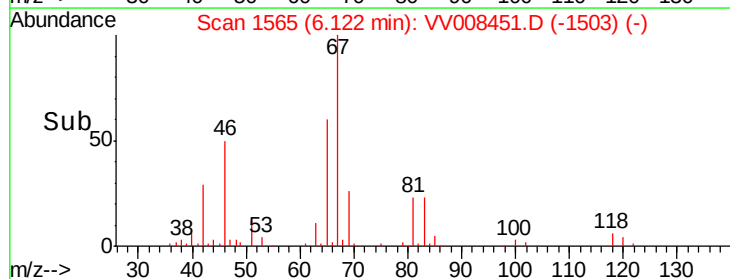
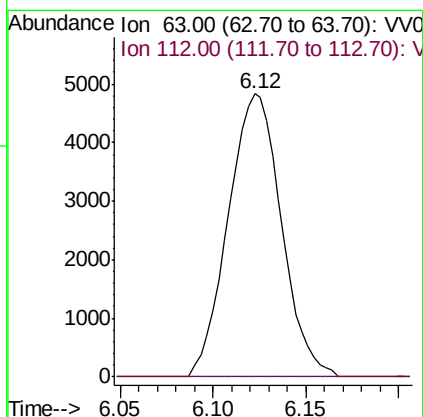
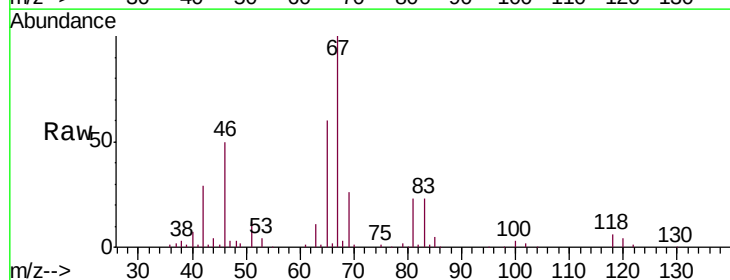
Instrument :
MSVOA_V
ClientSampleId :
ETBW4MS

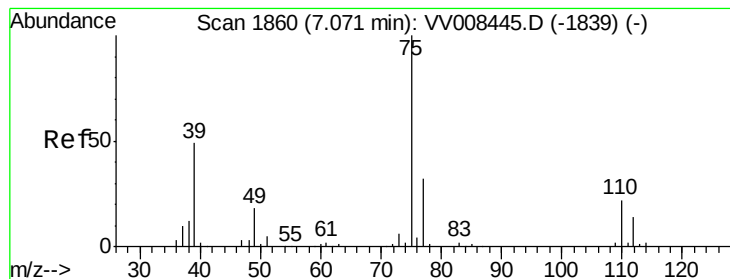
Tgt Ion: 83 Resp: 20819
Ion Ratio Lower Upper
83 100
55 0.7 65.0 97.4#
98 1.0 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 6.006 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008451.D
Acq: 29 Oct 2018 14:19

Tgt Ion: 63 Resp: 9599
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 1.022 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

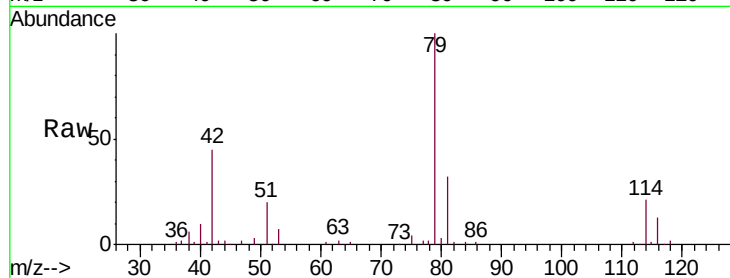
ETBW4MS

Tgt Ion: 75 Resp: 2568

Ion Ratio Lower Upper

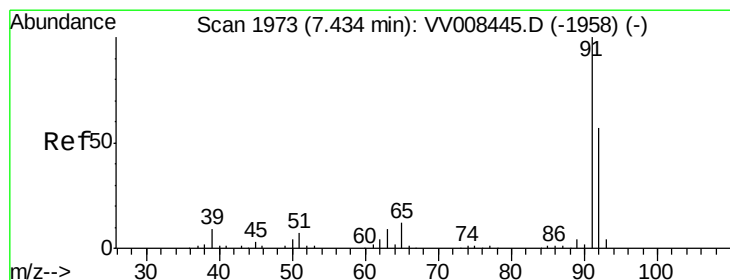
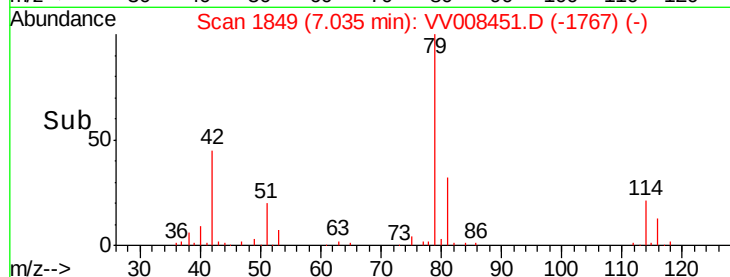
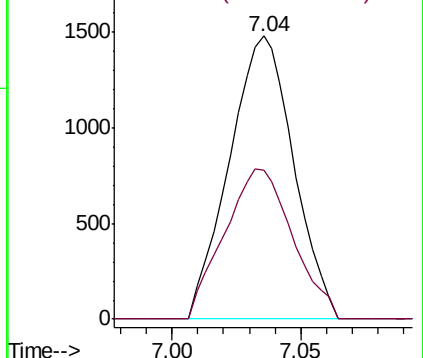
75 100

77 52.7 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#42

Toluene

Concen: 49.682 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008451.D

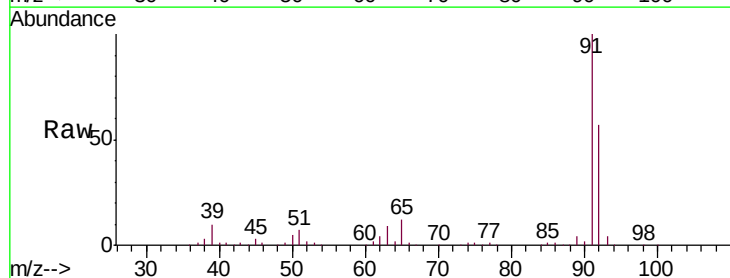
Acq: 29 Oct 2018 14:19

Tgt Ion: 91 Resp: 298624

Ion Ratio Lower Upper

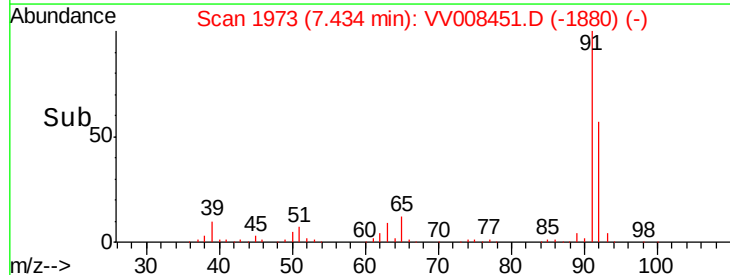
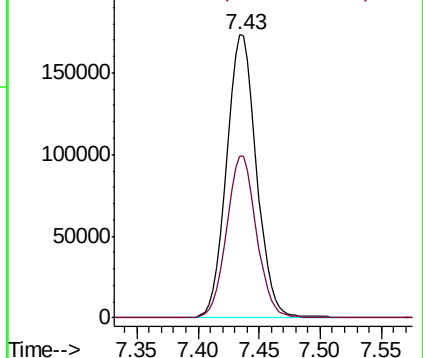
91 100

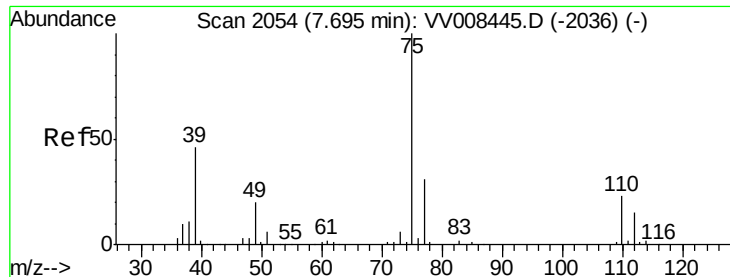
92 57.4 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

Instrument :

MSVOA_V

ClientSampleId :

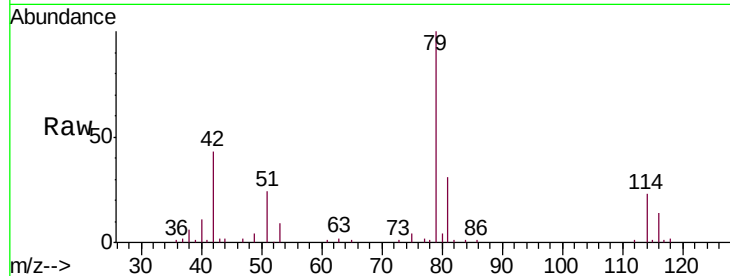
ETBW4MS

Tgt Ion: 75 Resp: 1695

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.4#

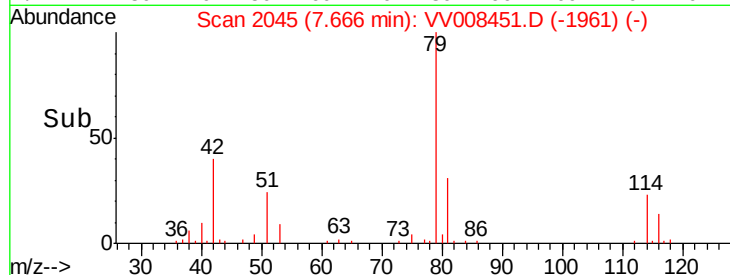


Abundance Ion 75.00 (74.70 to 75.70): VV008445.D (-2036) (-)

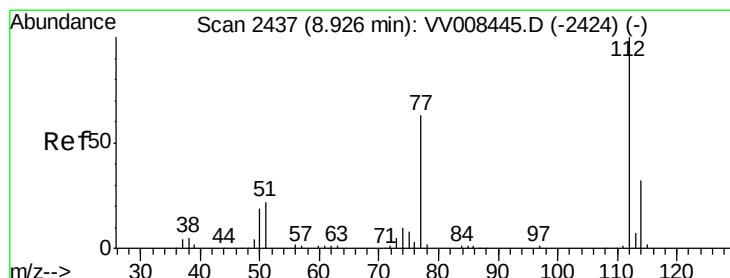
Ion 77.00 (76.70 to 77.70): VV008445.D (-2036) (-)

7.67

7.65 7.70



Time-->



#51

Chlorobenzene

Concen: 48.591 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008451.D

Acq: 29 Oct 2018 14:19

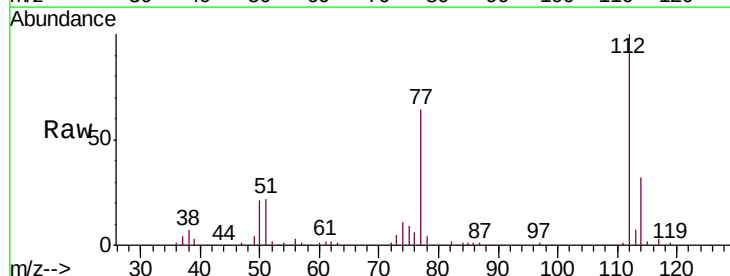
Tgt Ion: 112 Resp: 179838

Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 63.8 52.0 78.0



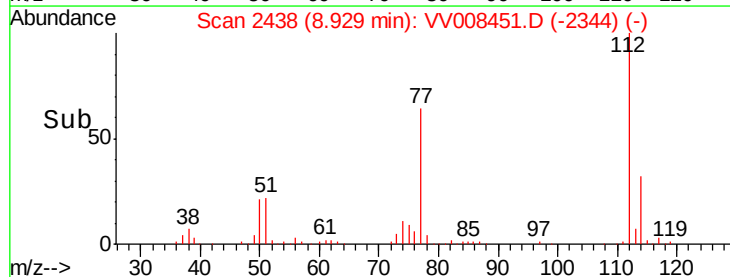
Abundance Ion 112.00 (111.70 to 112.70): VV008445.D (-2424) (-)

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

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

8.93

8.85 9.00



Time-->