

Data File : VV008446.D
Acq On : 29 Oct 2018 11:57
Operator : SY/MD
Sample : VV1029WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: Oct 30 07:43:15 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	206311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184030	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58273	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.59	69	47613	57.73	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.46%
11) 1,1-Dichloroethene-d2	2.13	63	84075	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.50%
21) 2-Butanone-d5	3.93	46	131766	106.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.41	84	149055	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
26) 1,2-Dichloroethane-d4	5.08	65	101724	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.10	84	300249	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.50%
36) 1,2-Dichloropropane-d6	6.12	67	103802	57.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.04%
41) Toluene-d8	7.36	98	273794	57.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	7.67	79	49340	55.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.58%
47) 2-Hexanone-d5	8.13	63	93634	98.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.51%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131633	53.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.78%
64) 1,2-Dichlorobenzene-d4	11.68	152	86842	57.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.44%

Target Compounds

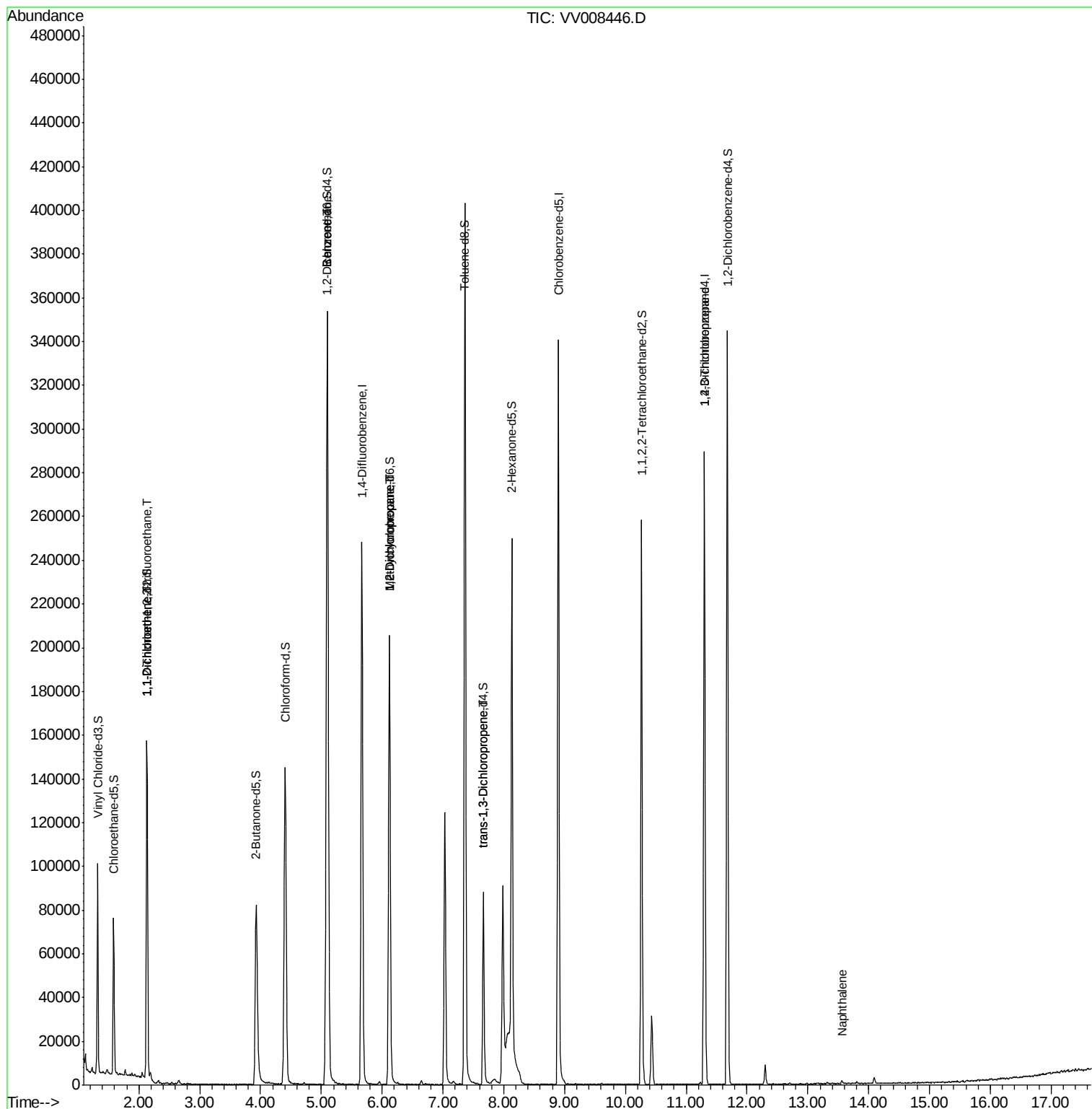
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	649	0.660	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	662	0.715	ug/L #	1
33) Benzene	5.10	78	2409	0.400	ug/L	100
35) Methylcyclohexane	6.12	83	23890	9.124	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11138	6.704	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	1993	0.816	ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	9949	4.778	ug/L	92
69) Naphthalene	13.56	128	1731	0.417	ug/L #	85

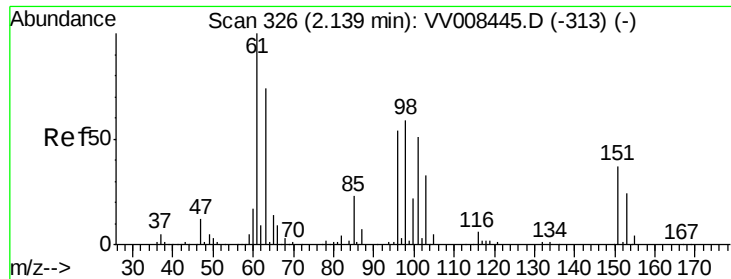
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.660 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK77

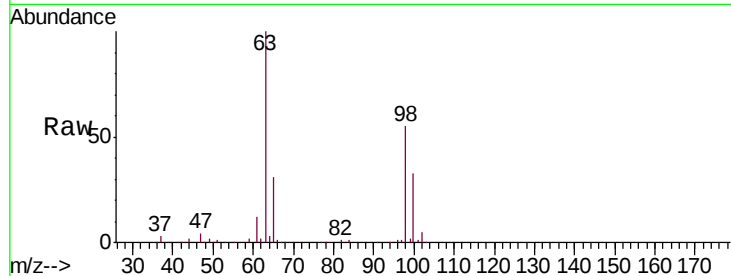
Tgt Ion:101 Resp: 649

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



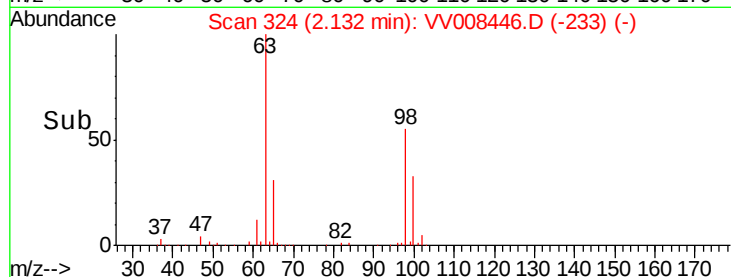
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

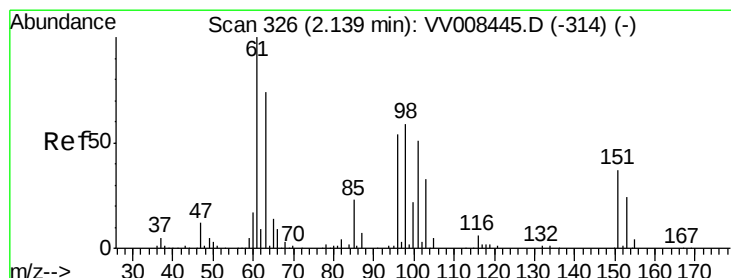
Ion 151.00 (150.70 to 151.70): V

2.13

2.10 2.12 2.14 2.16



Time-->



#12

1,1-Dichloroethene

Concen: 0.715 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008446.D

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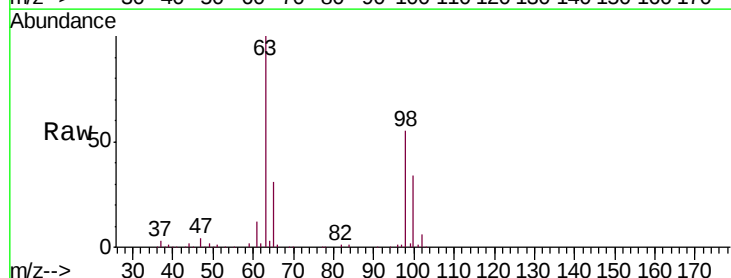
Tgt Ion: 96 Resp: 662

Ion Ratio Lower Upper

96 100

61 1684.6 130.3 242.1#

63 13762.6 84.4 156.8#



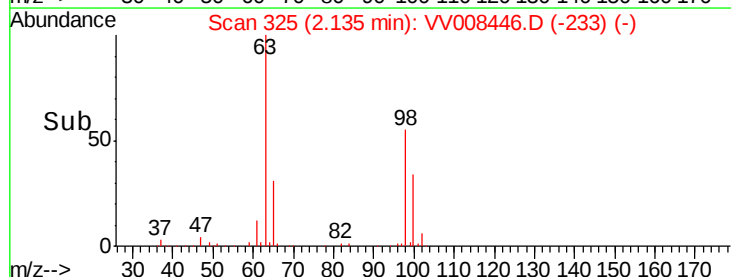
Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

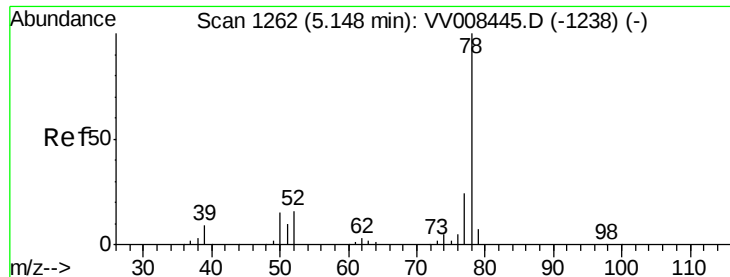
Ion 63.00 (62.70 to 63.70): VV0

2.14

2.10 2.12 2.14 2.16



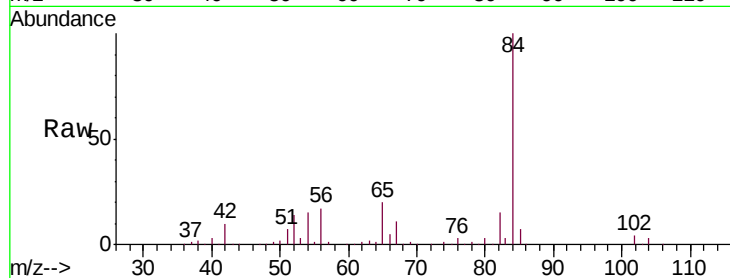
Time-->



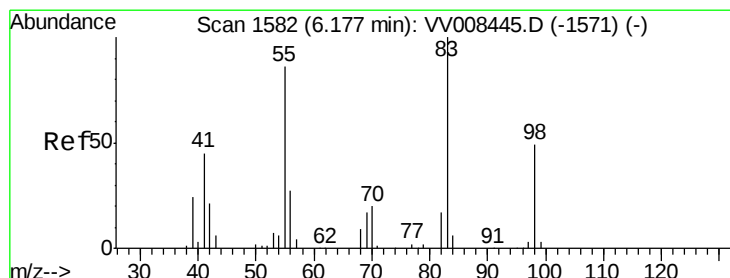
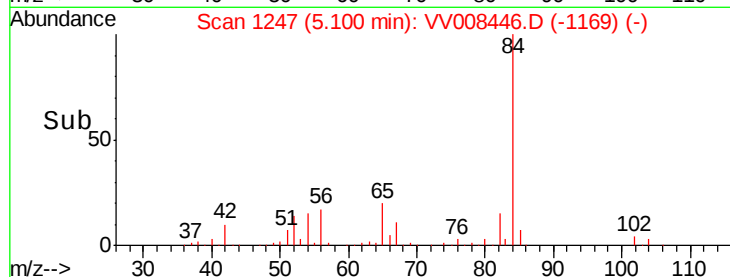
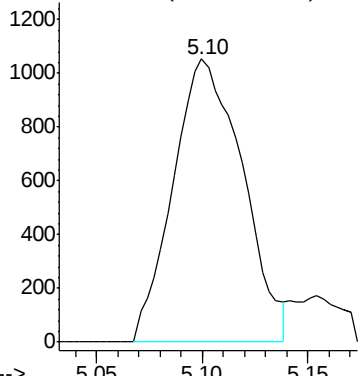
#33
Benzene
Concen: 0.400 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.05 min
Lab File: VV008446.D
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Instrument :
MSVOA_V
ClientSampled :
VBLK77

Tgt Ion: 78 Resp: 2409

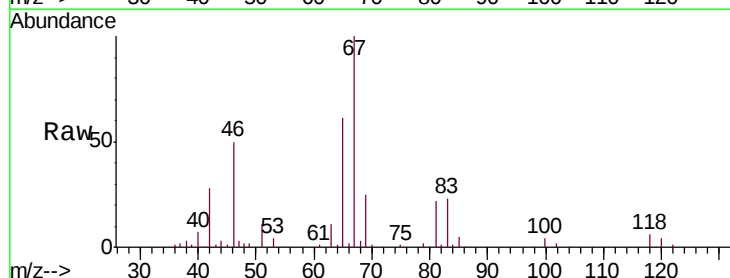


Abundance Ion 78.00 (77.70 to 78.70): VV0



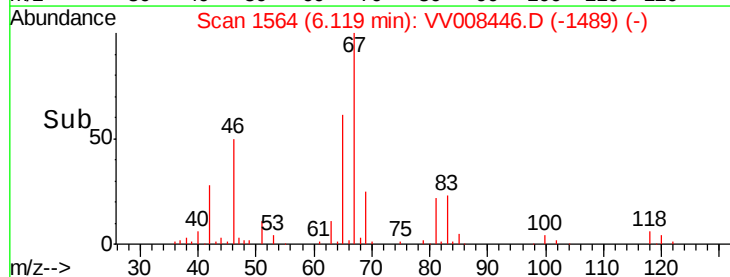
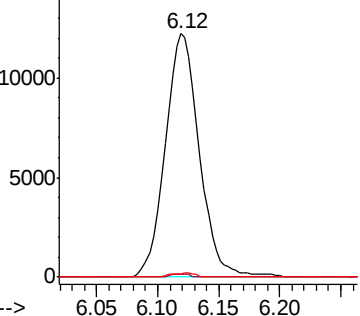
#35
Methylcyclohexane
Concen: 9.124 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008446.D
Acq: 29 Oct 2018 11:57

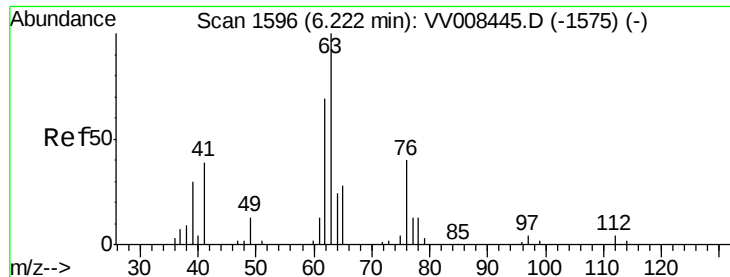
Tgt Ion: 83 Resp: 23890
Ion Ratio Lower Upper
83 100
55 0.6 65.0 97.4#
98 1.2 36.0 54.0#



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

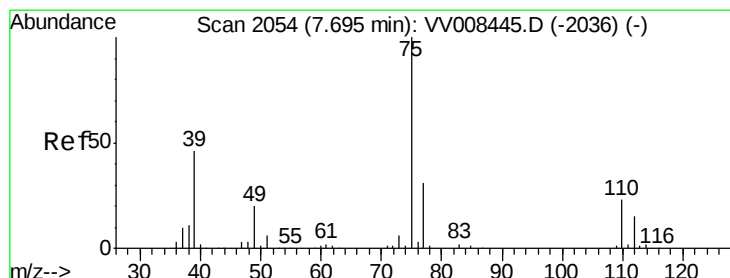
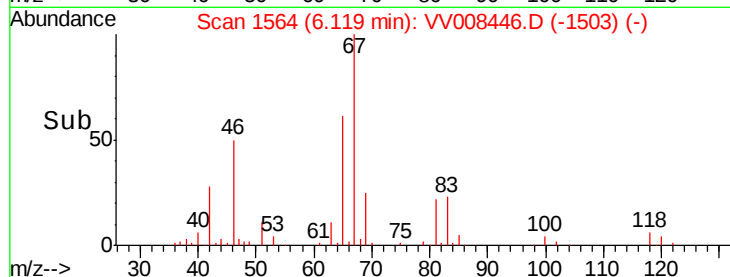
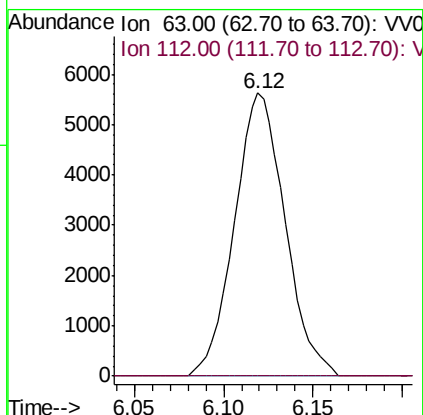
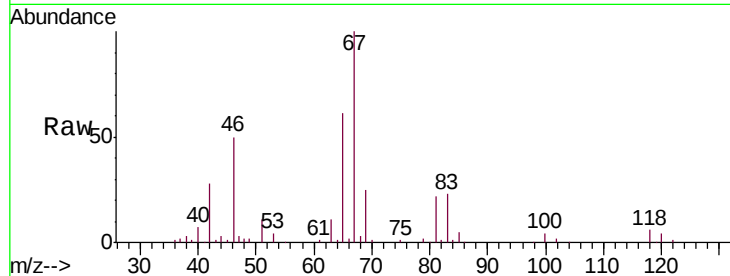




#37
 1,2-Dichloropropane
 Concen: 6.704 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008446.D
 Acq: 29 Oct 2018 11:57

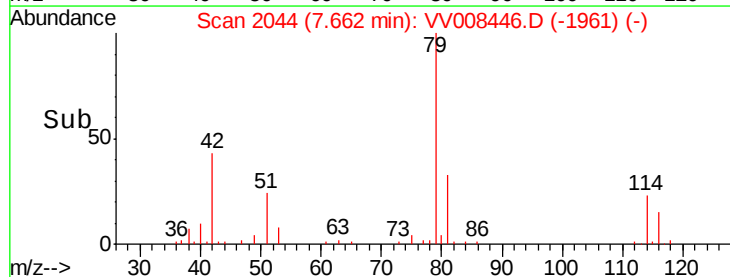
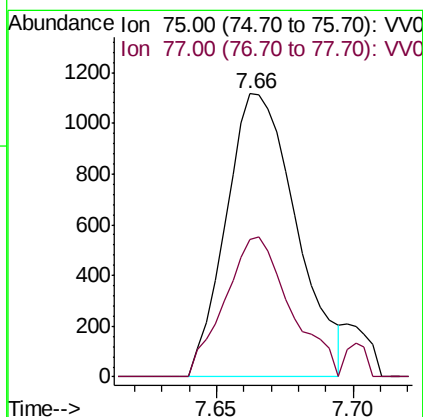
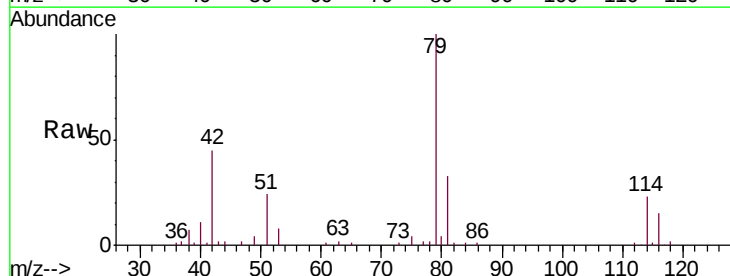
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

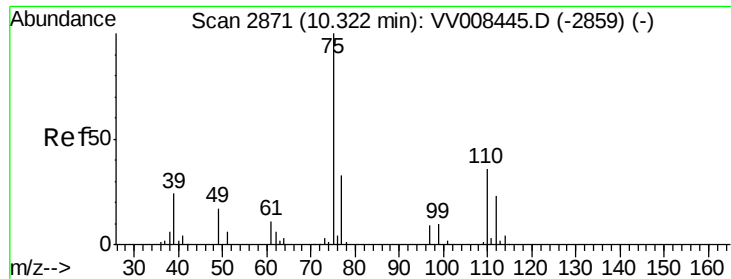
Tgt Ion: 63 Resp: 11138
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.816 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV008446.D
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Tgt Ion: 75 Resp: 1993
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.8 40.4#

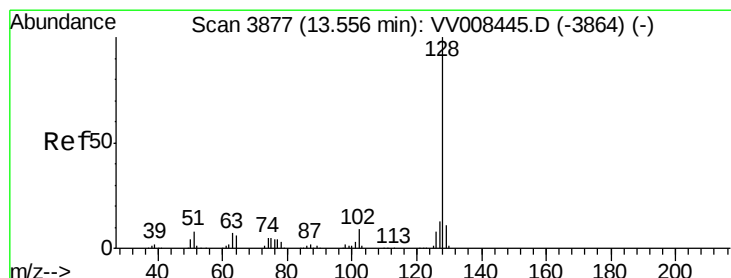
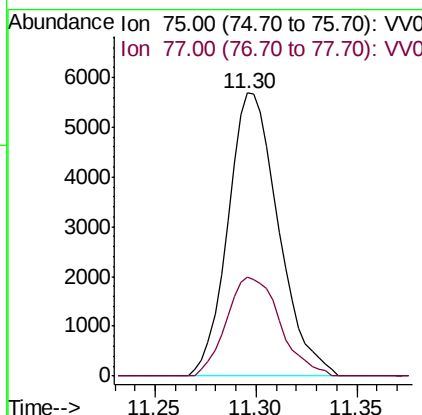
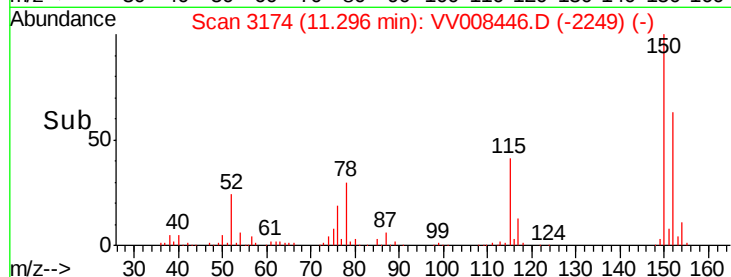
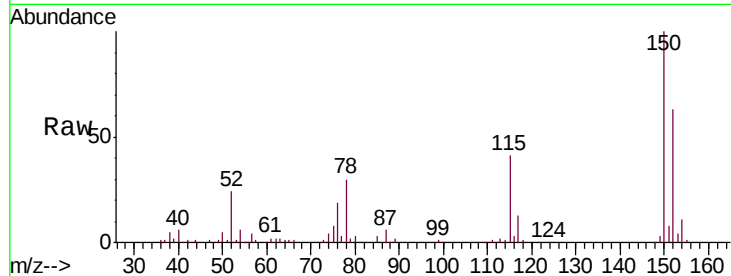




#59
 1,2,3-Trichloropropane
 Concen: 4.778 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008446.D
 Acq: 29 Oct 2018 11:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

Tgt Ion: 75 Resp: 9949
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.8



#69
 Naphthalene
 Concen: 0.417 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VV008446.D
 Acq: 29 Oct 2018 11:57

Tgt Ion: 128 Resp: 1731
 Ion Ratio Lower Upper
 128 100
 127 9.9 10.6 15.8#
 129 2.4 8.9 13.3#

