

Data File : VV008103.D
Acq On : 05 Oct 2018 17:42
Operator : SY/MD
Sample : J5246-10DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J78DL

Quant Time: Oct 06 01:05:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105116	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27536	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	24419	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	59426	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.96	46	76376	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.41	84	61325	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	31760	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	117301	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	37269	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	105816	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	12454	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	53135	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25677	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	43352	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	34303	6.024 ug/L	93
15) Methyl Acetate	2.47	43	360	0.144 ug/L #	53
16) Methylene chloride	2.54	84	1338	0.194 ug/L	92
18) trans-1,2-Dichloroethene	2.80	96	684	0.110 ug/L	87
19) 1,1-Dichloroethane	3.23	63	7228	0.611 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	31650	4.515 ug/L	97
25) Chloroform	4.43	83	1922	0.151 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	2611	0.229 ug/L	100
31) Carbon tetrachloride	4.87	117	1025	0.100 ug/L #	80
34) Trichloroethene	5.96	95	49235	6.518 ug/L	97
35) Methylcyclohexane	6.12	83	8835	0.837 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4156	0.595 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	1025	0.114 ug/L #	54
44) trans-1,3-Dichloropropene	7.67	75	690	0.095 ug/L #	74
47) Tetrachloroethene	8.02	164	36207	5.367 ug/L	98
49) Dibromochloromethane	8.02	129	30174	4.937 ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100518\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

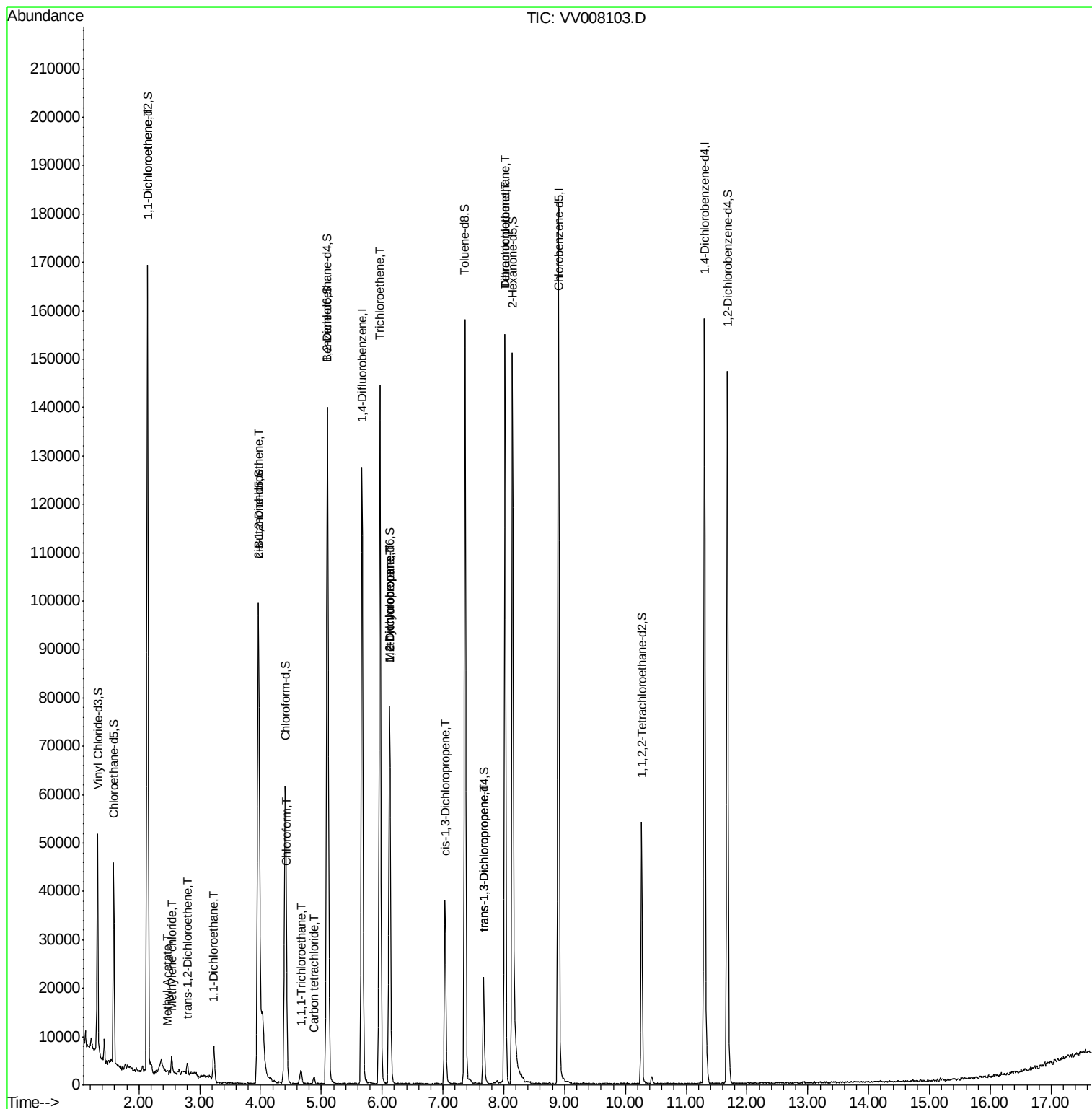
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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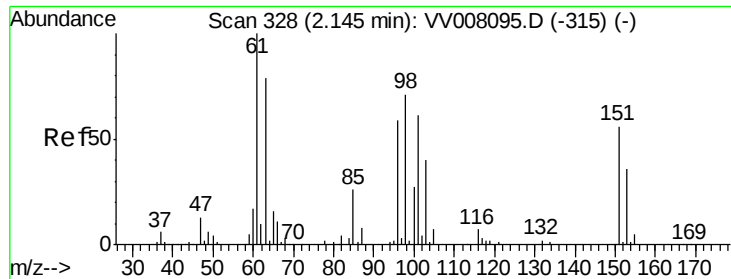
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.024 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008103.D

Acq: 05 Oct 2018 17:42

Instrument :

MSVOA_V

ClientSampleId :

C0J78DL

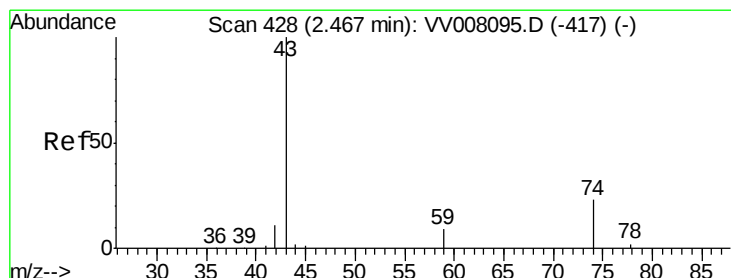
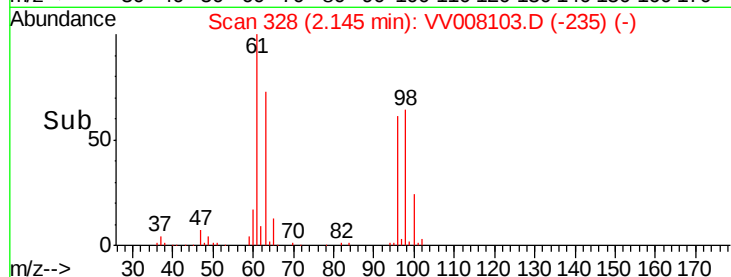
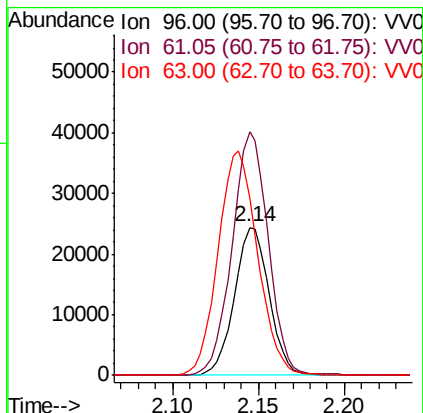
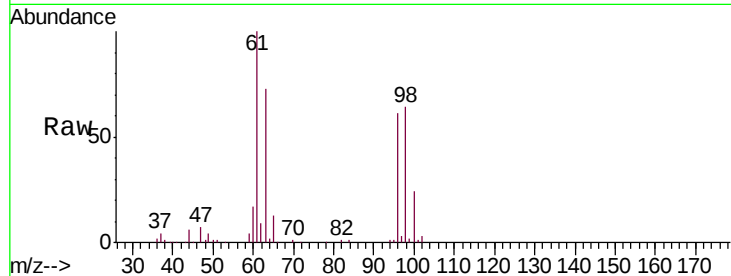
Tgt Ion: 96 Resp: 34303

Ion Ratio Lower Upper

96 100

61 164.7 114.7 213.1

63 120.1 96.9 179.9



#15

Methyl Acetate

Concen: 0.144 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VV008103.D

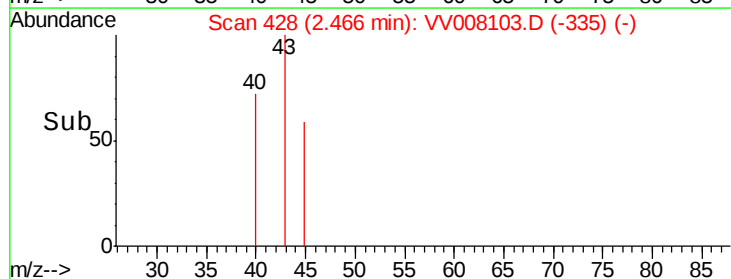
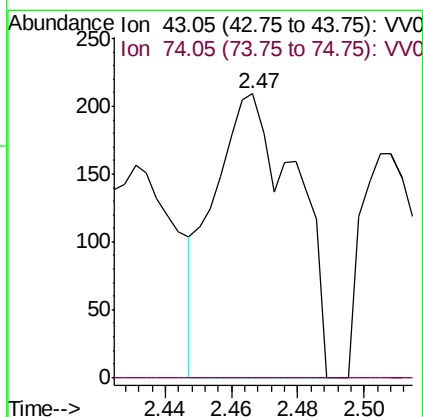
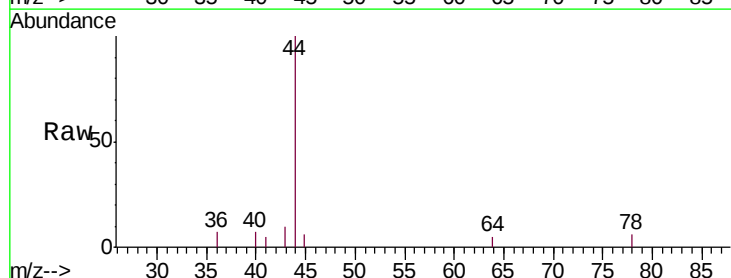
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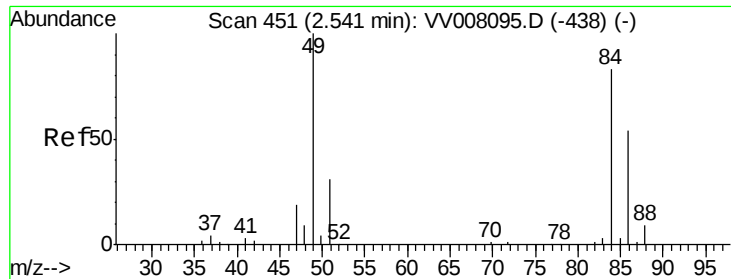
Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#

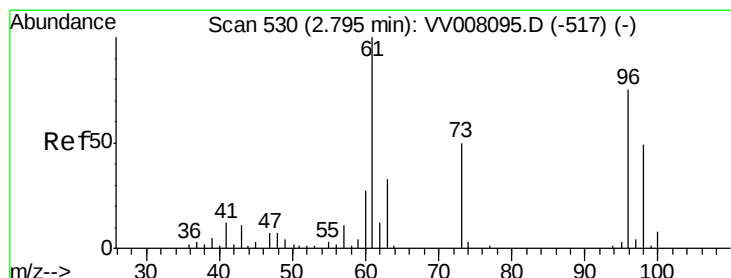
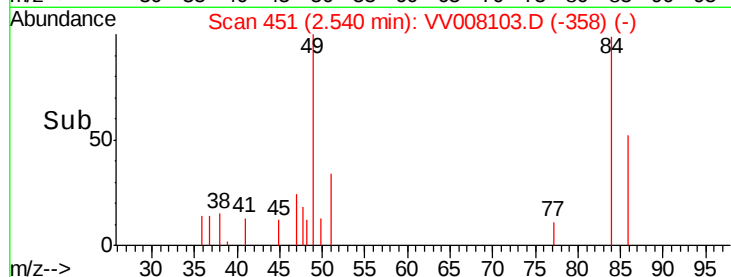
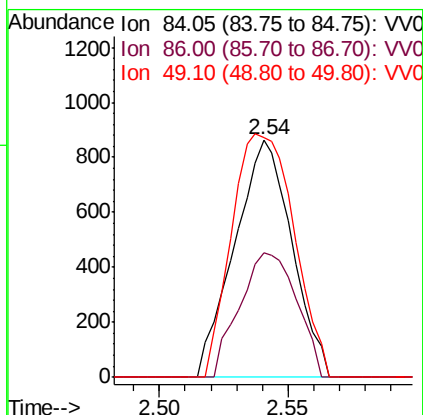
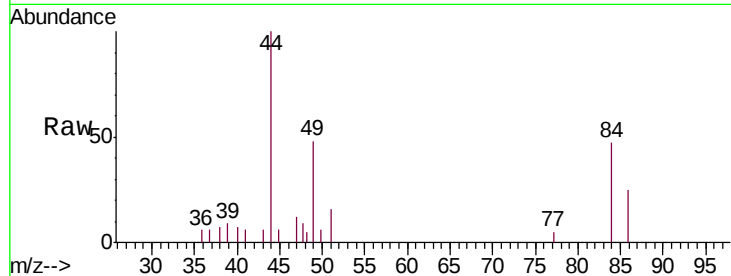




#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

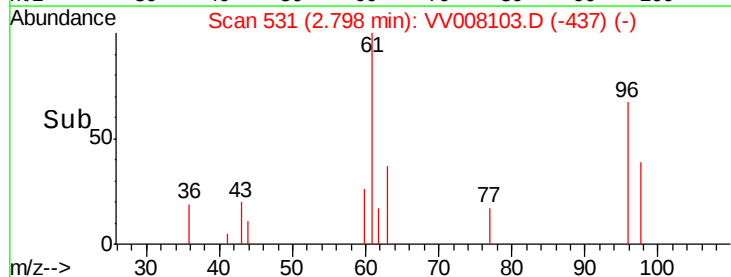
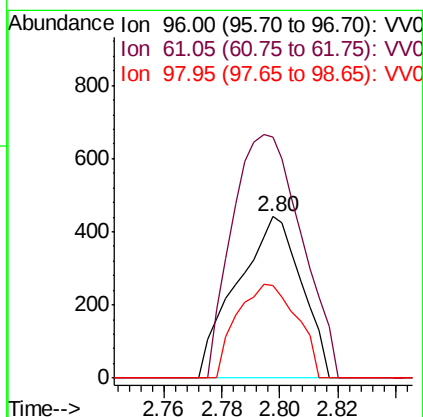
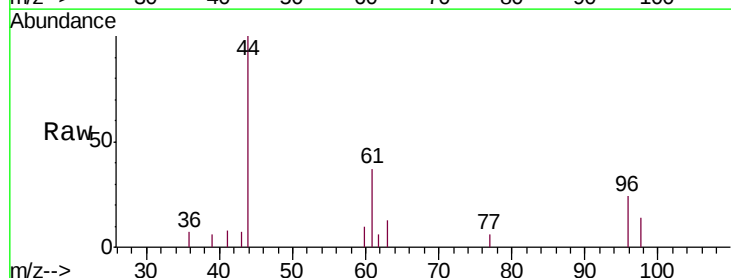
Instrument :
MSVOA_V
ClientSampleID :
C0J78DL

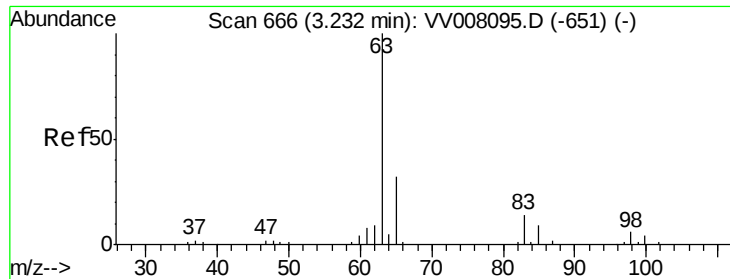
Tgt Ion: 84 Resp: 1338
Ion Ratio Lower Upper
84 100
86 52.1 45.3 84.1
49 114.1 83.0 154.1



#18
trans-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 149.4 91.6 170.2
98 57.6 44.4 82.5

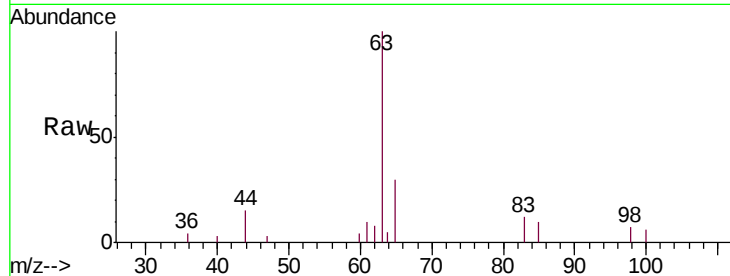




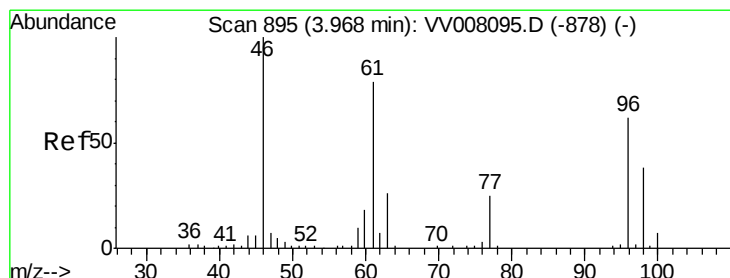
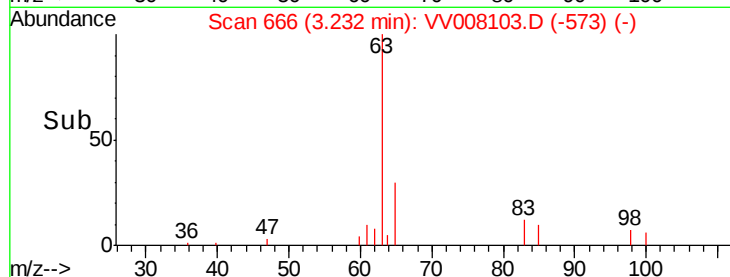
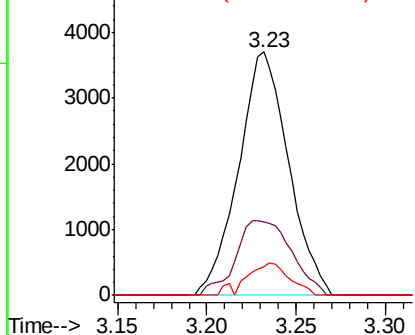
#19
 1,1-Dichloroethane
 Concen: 0.611 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008103.D
 Acq: 05 Oct 2018 17:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J78DL

Tgt Ion: 63 Resp: 7228
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.4 41.6
 83 11.4 9.6 17.8

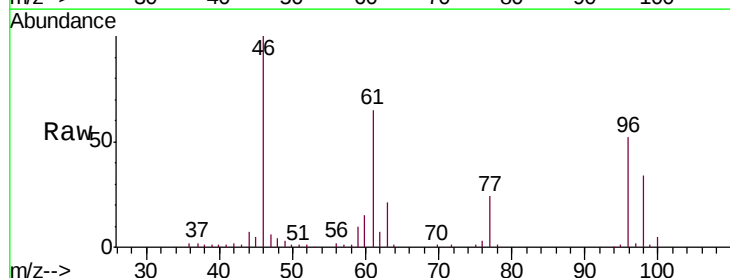


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

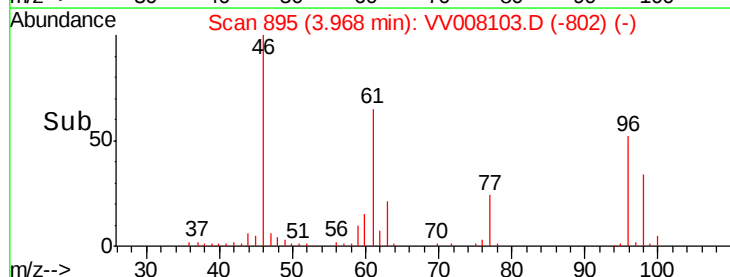
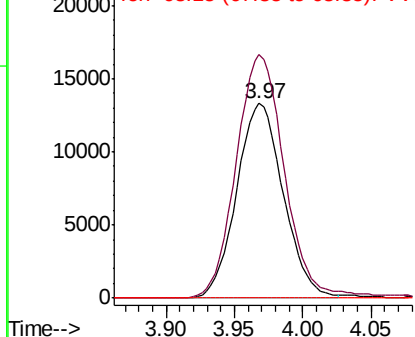


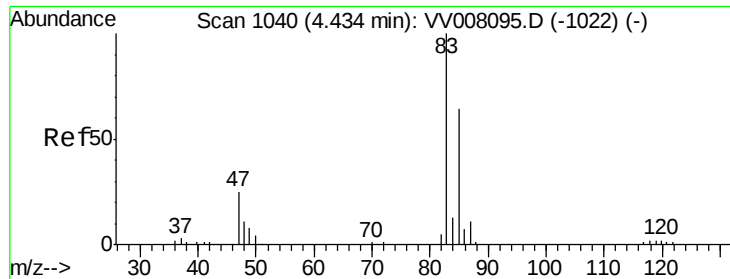
#22
 cis-1,2-Dichloroethene
 Concen: 4.515 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008103.D
 Acq: 05 Oct 2018 17:42

Tgt Ion: 96 Resp: 31650
 Ion Ratio Lower Upper
 96 100
 61 125.2 85.1 158.1
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

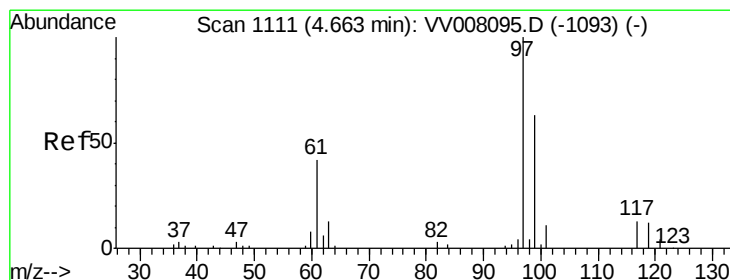
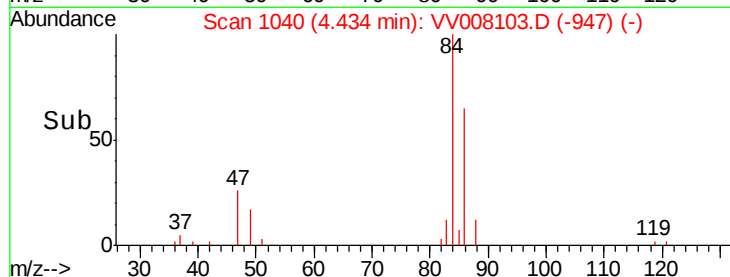
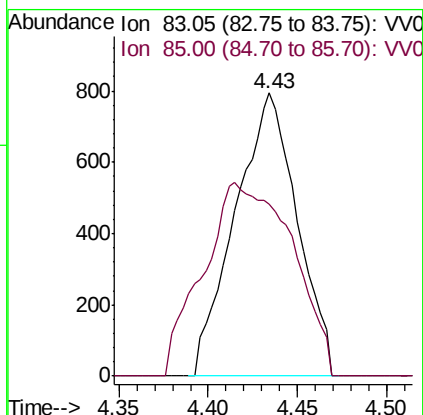
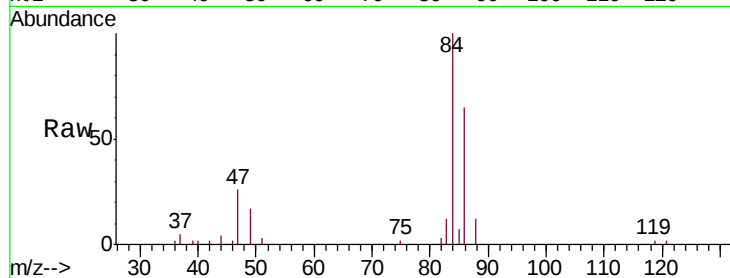




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

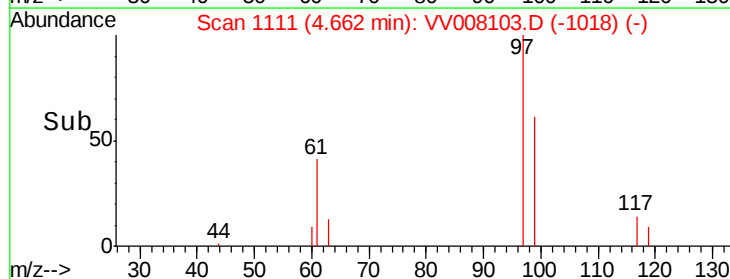
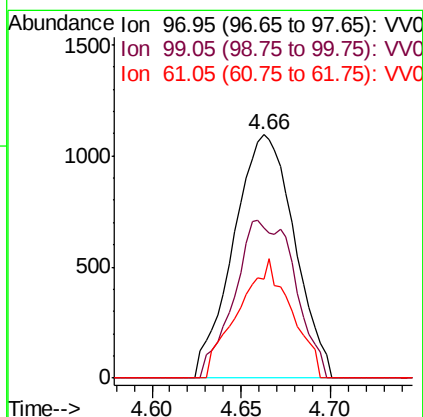
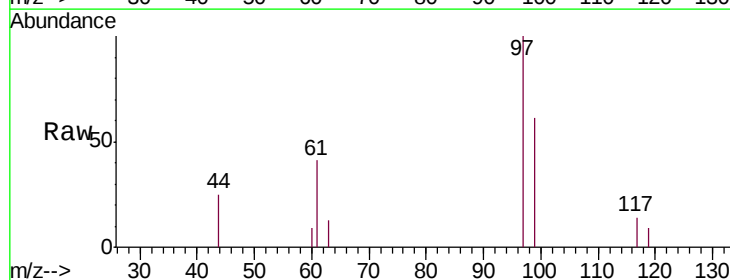
Instrument :
MSVOA_V
ClientSampleID :
C0J78DL

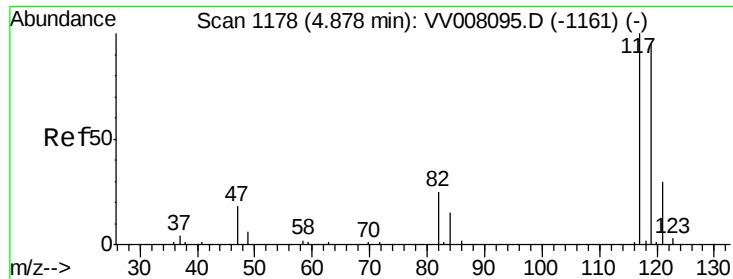
Tgt Ion: 83 Resp: 1922
Ion Ratio Lower Upper
83 100
85 60.8 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.229 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

Tgt Ion: 97 Resp: 2611
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 42.5 34.0 51.0





#31

Carbon tetrachloride

Concen: 0.100 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV008103.D

Acq: 05 Oct 2018 17:42

Instrument :

MSVOA_V

ClientSampleId :

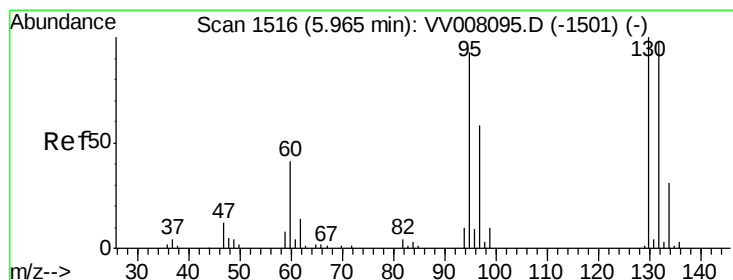
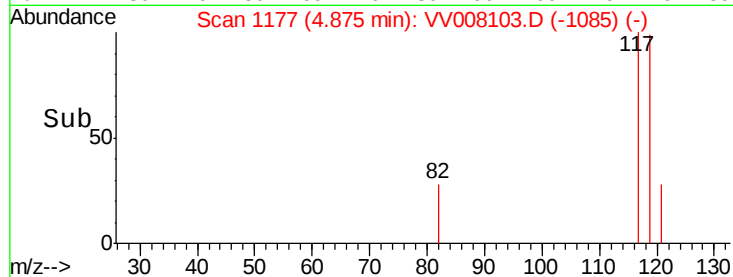
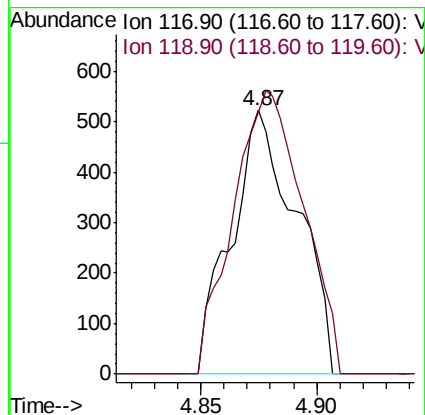
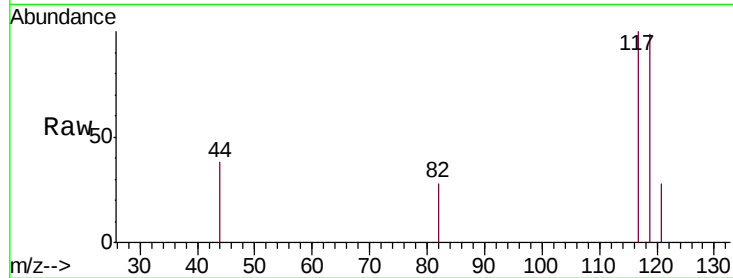
C0J78DL

Tgt Ion:117 Resp: 1025

Ion Ratio Lower Upper

117 100

119 115.1 76.3 114.5#



#34

Trichloroethene

Concen: 6.518 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV008103.D

Acq: 05 Oct 2018 17:42

Tgt Ion: 95 Resp: 49235

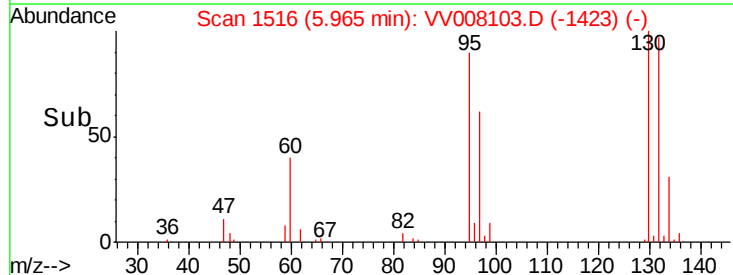
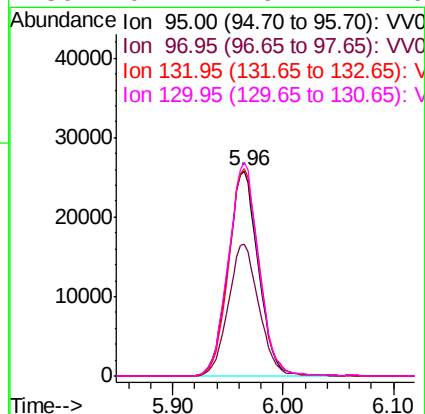
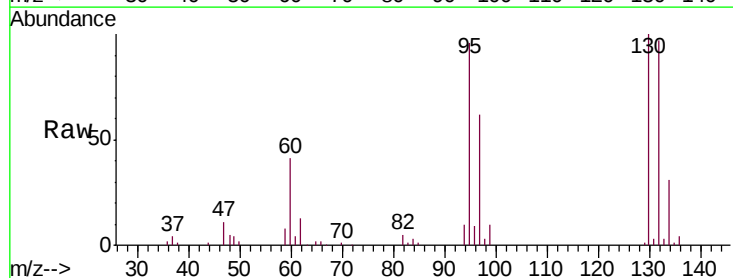
Ion Ratio Lower Upper

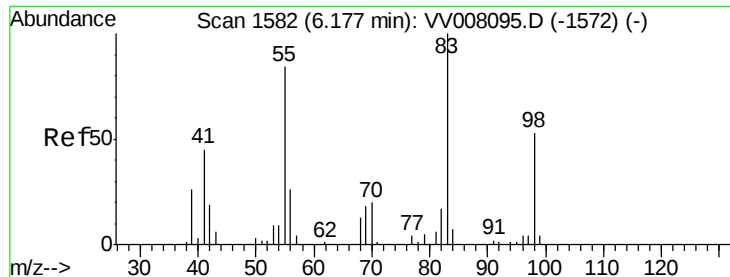
95 100

97 64.4 44.9 83.5

132 101.2 73.6 136.6

130 104.2 76.2 141.6

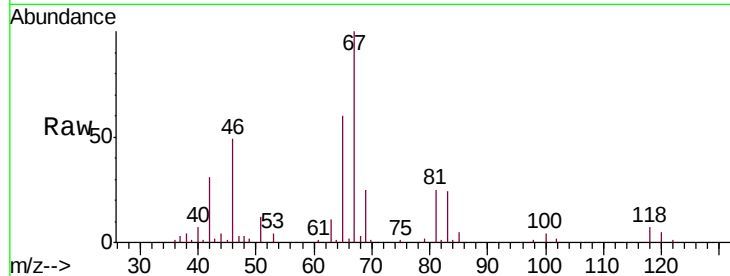




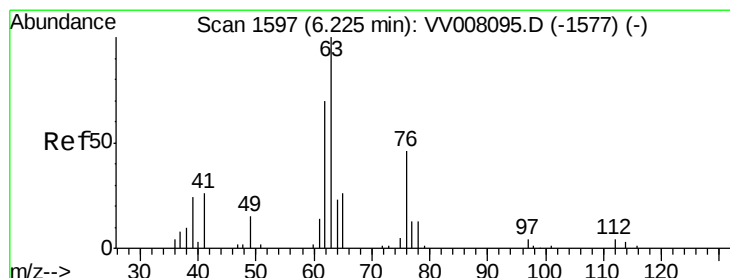
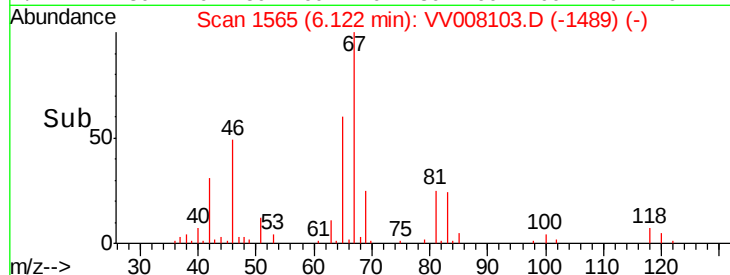
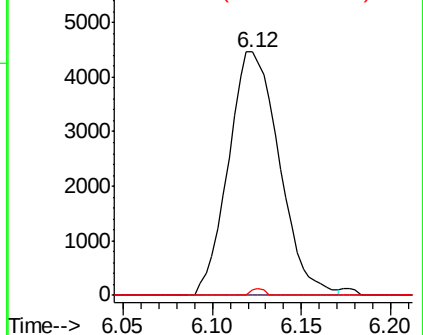
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

Instrument :
MSVOA_V
ClientSampleId :
C0J78DL

Tgt Ion: 83 Resp: 8835
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.7 38.3 57.5#

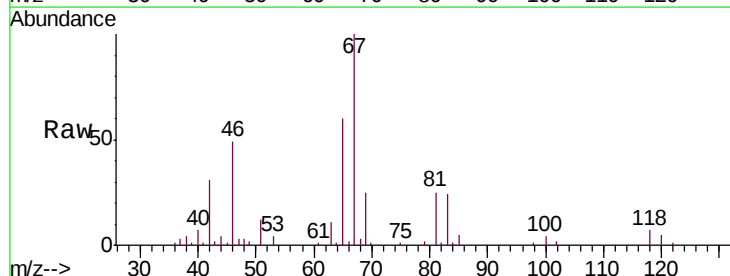


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

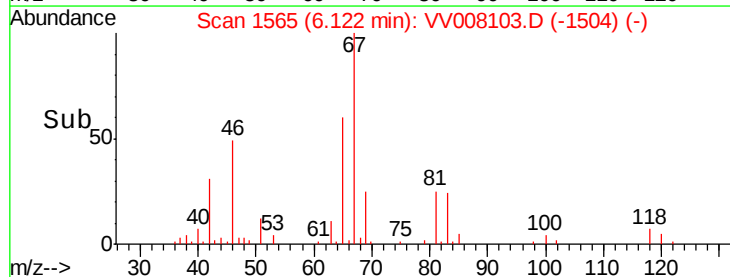
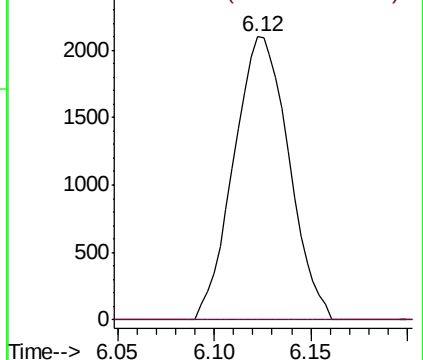


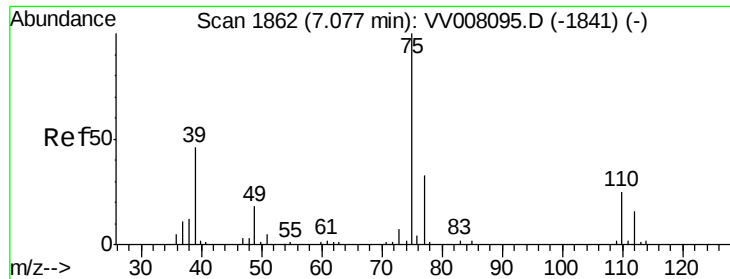
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008103.D
Acq: 05 Oct 2018 17:42

Tgt Ion: 63 Resp: 4156
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

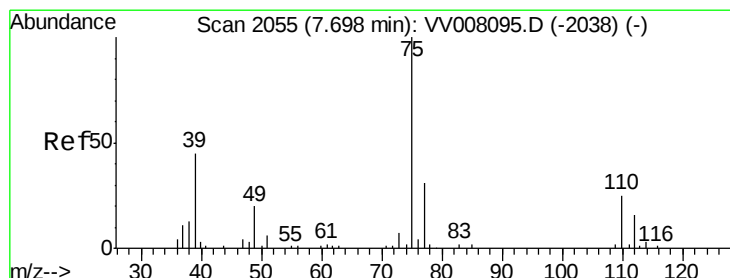
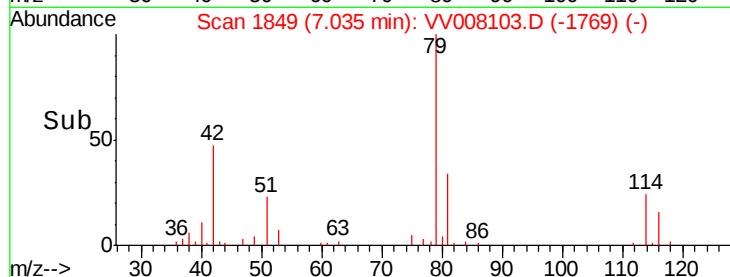
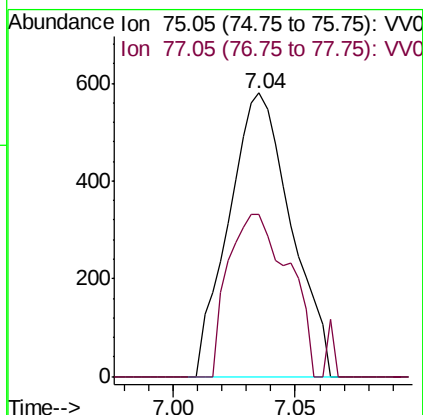
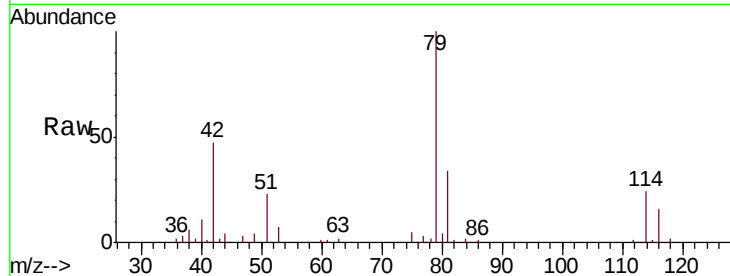




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008103.D
 Acq: 05 Oct 2018 17:42

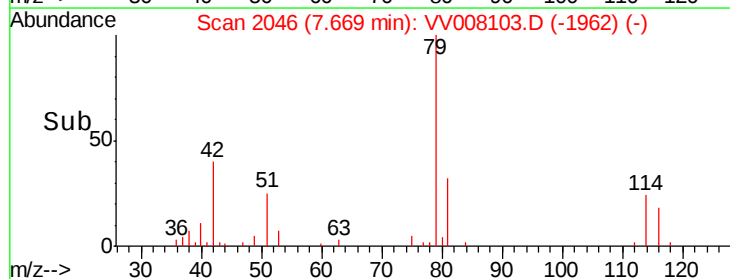
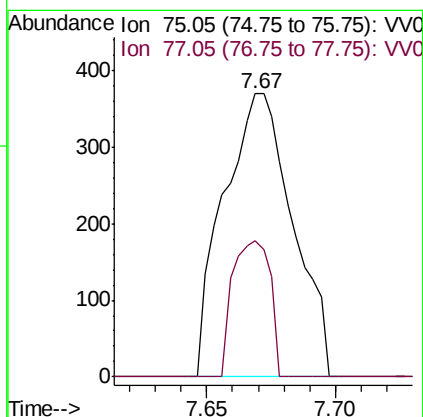
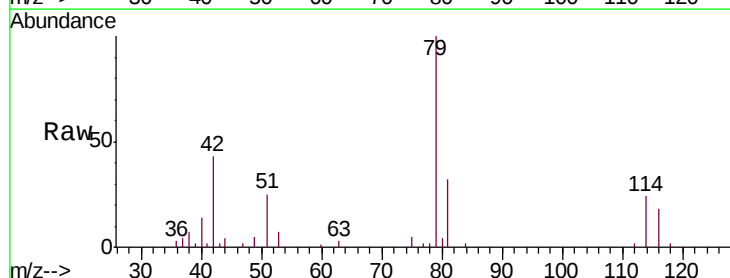
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J78DL

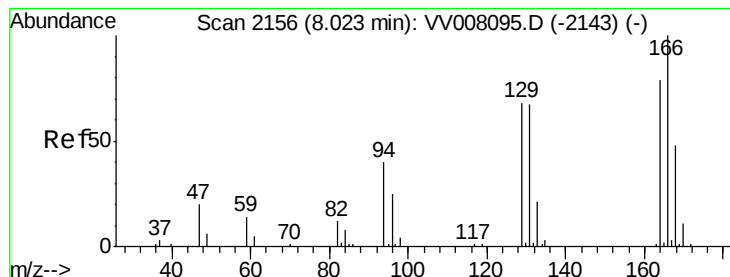
Tgt Ion: 75 Resp: 1025
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008103.D
 Acq: 05 Oct 2018 17:42

Tgt Ion: 75 Resp: 690
 Ion Ratio Lower Upper
 75 100
 77 48.2 23.4 43.6#





#47

Tetrachloroethene

Concen: 5.367 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008103.D

Acq: 05 Oct 2018 17:42

Instrument :

MSVOA_V

ClientSampleId :

C0J78DL

Tgt Ion:164 Resp: 36207

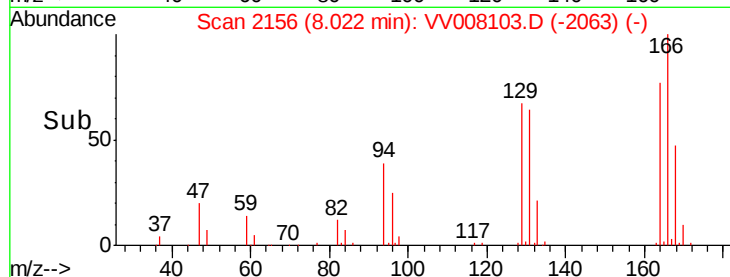
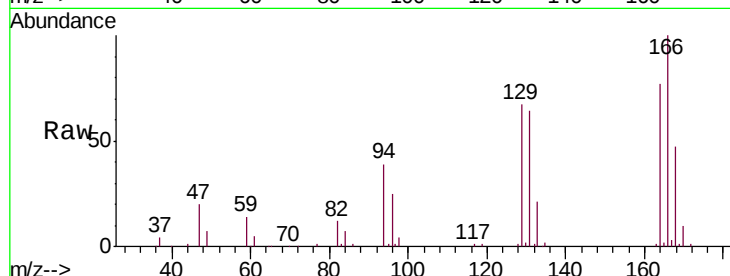
Ion Ratio Lower Upper

164 100

129 87.0 62.2 115.4

131 84.1 60.5 112.5

166 130.6 92.1 171.1

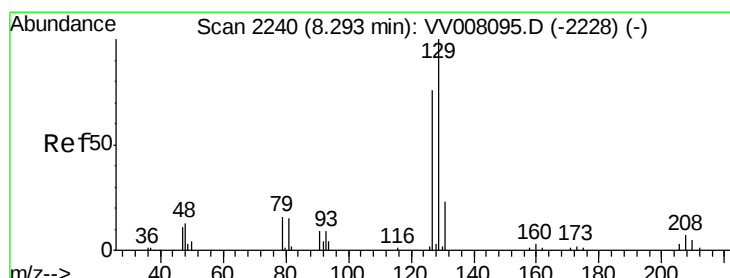
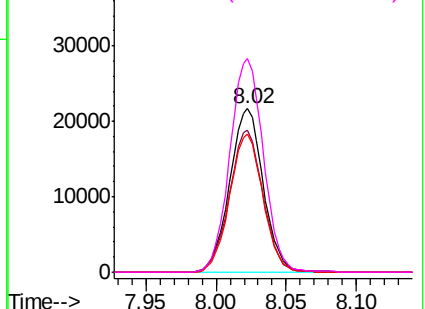


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 4.937 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008103.D

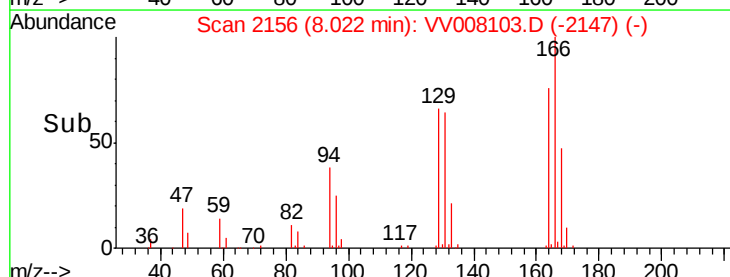
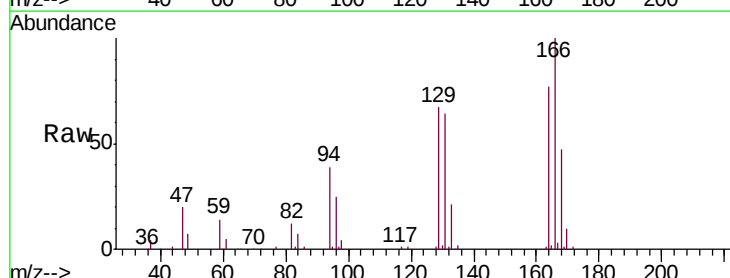
Acq: 05 Oct 2018 17:42

Tgt Ion:129 Resp: 30174

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

