

Data File : VV008475.D
Acq On : 30 Oct 2018 18:10
Operator : SY/MD
Sample : J5716-06DL 10X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW0DL

Quant Time: Oct 31 07:18:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179061	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52314	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.54%
7) Chloroethane-d5	1.56	69	33474	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.52%
11) 1,1-Dichloroethene-d2	2.13	63	67995	37.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.94%
21) 2-Butanone-d5	3.94	46	105163	97.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	4.41	84	119481	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.09	65	82507	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.10	84	247380	53.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.74%
36) 1,2-Dichloropropane-d6	6.12	67	83455	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.36	98	222629	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%
43) trans-1,3-Dichloropropene-	7.67	79	39160	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.14%
47) 2-Hexanone-d5	8.14	63	82336	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	111107	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	74894	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.12	101	634	0.388 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	634	0.743 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	661	0.823 ug/L #	1
20) cis-1,2-Dichloroethene	3.97	96	25724	18.437 ug/L	92
33) Benzene	5.10	78	2033	0.386 ug/L	100
34) Trichloroethene	5.96	95	16384	12.148 ug/L	97
35) Methylcyclohexane	6.12	83	18746	8.176 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8794	6.045 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2197	0.961 ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	1742	0.814 ug/L #	75
46) Tetrachloroethene	8.02	164	36544	41.565 ug/L	99

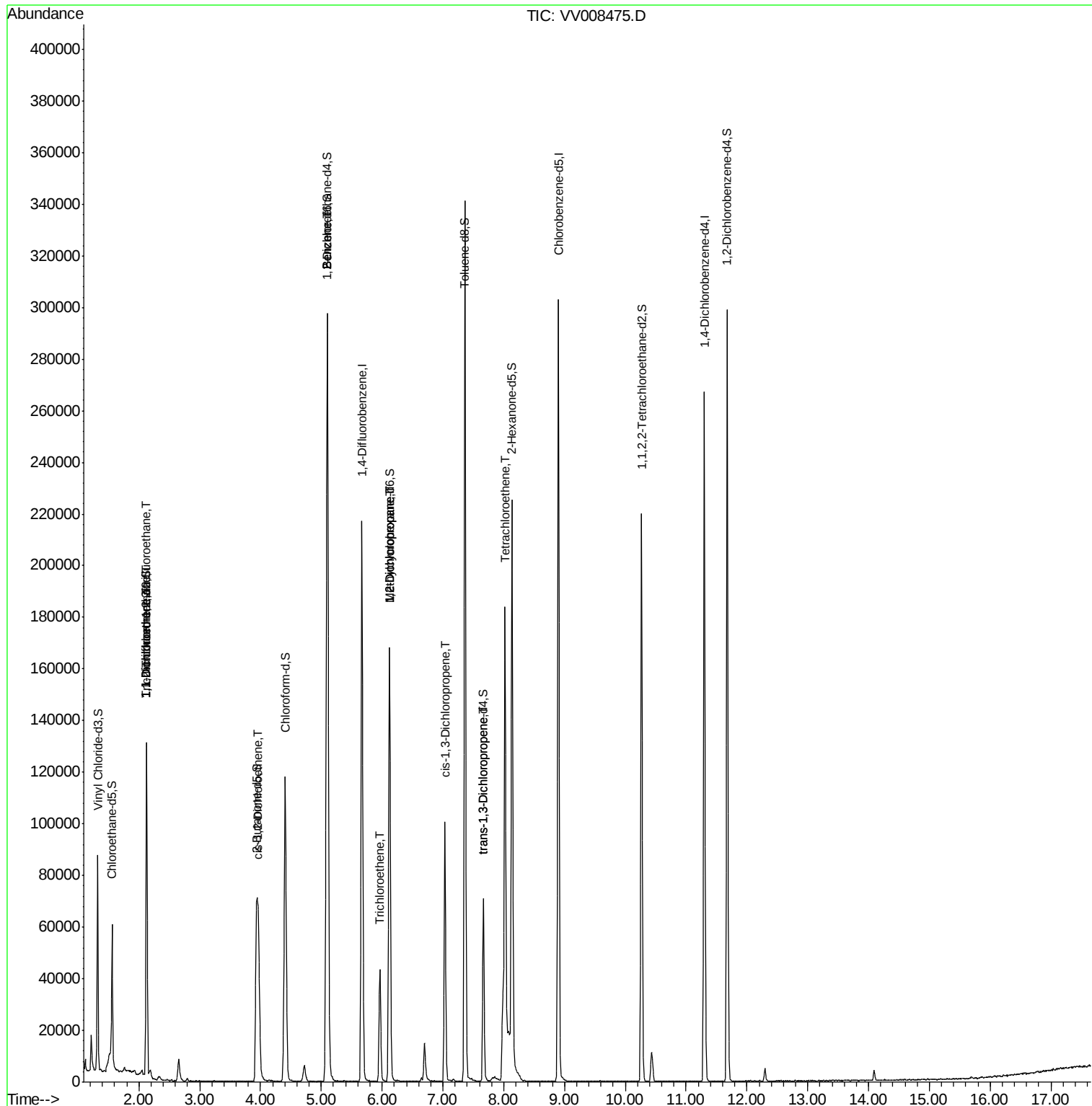
(#) = qualifier out of range (m) = manual integration (+) = signals summed

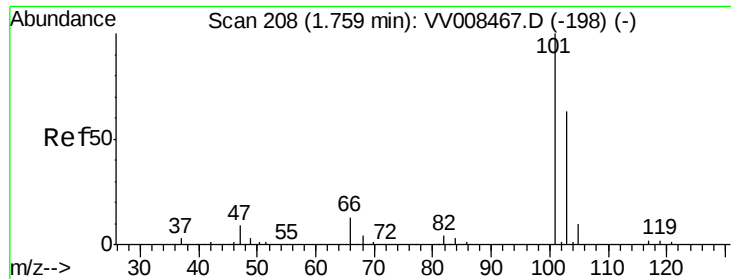
Data File : VV008475.D

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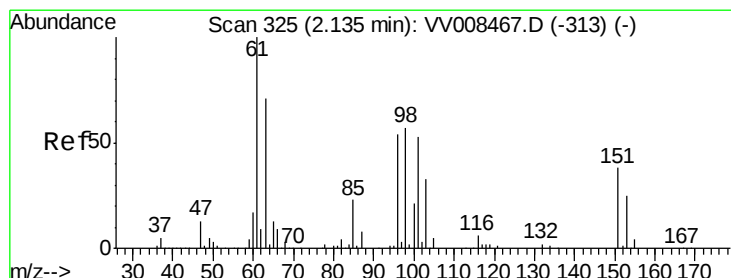
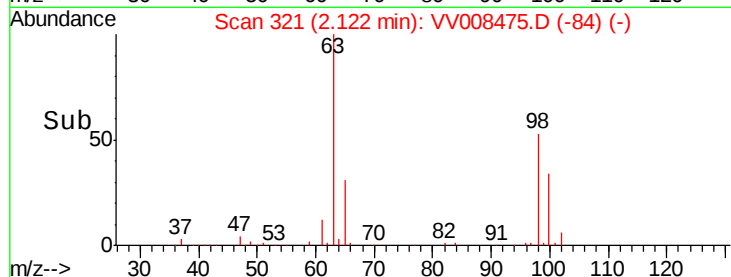
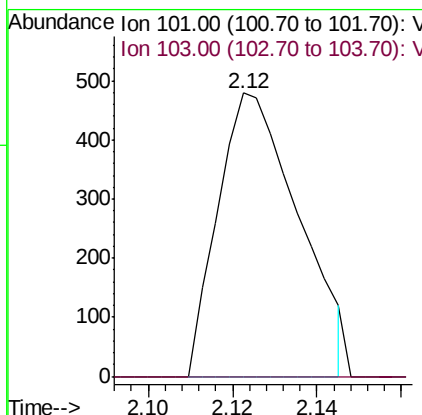
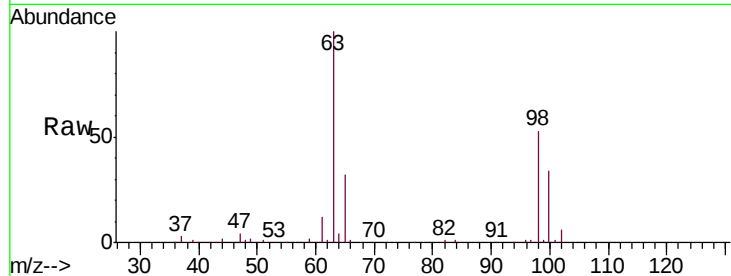


#9

Trichlorofluoromethane
 Concen: 0.388 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW0DL

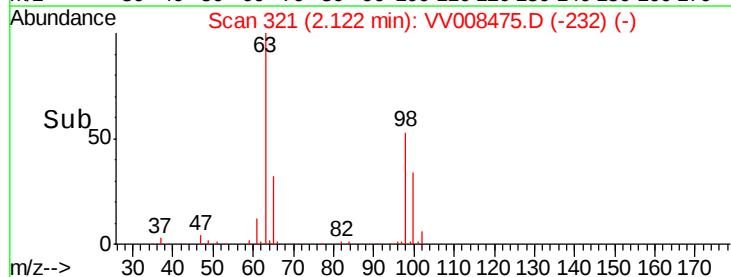
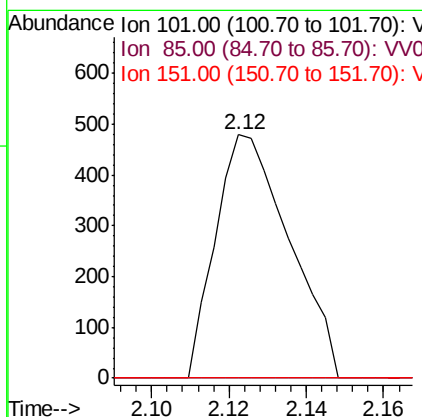
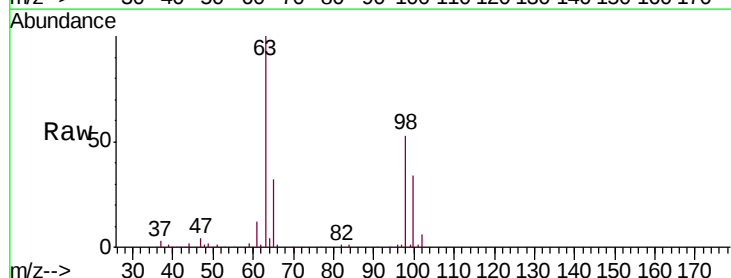
Tgt Ion:101 Resp: 634
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.0 76.6#

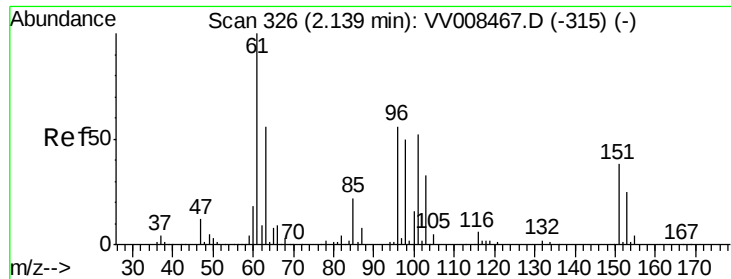


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.743 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

Tgt Ion:101 Resp: 634
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 58.1 87.1#

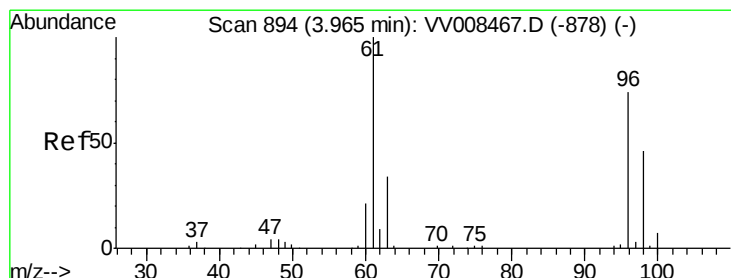
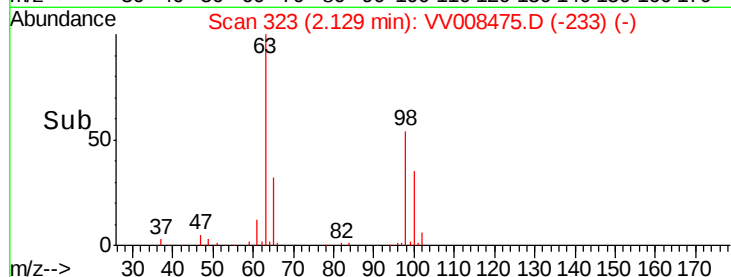
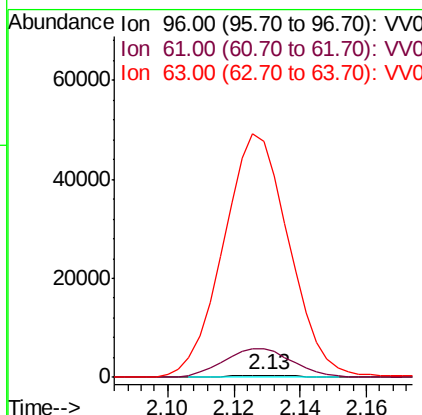
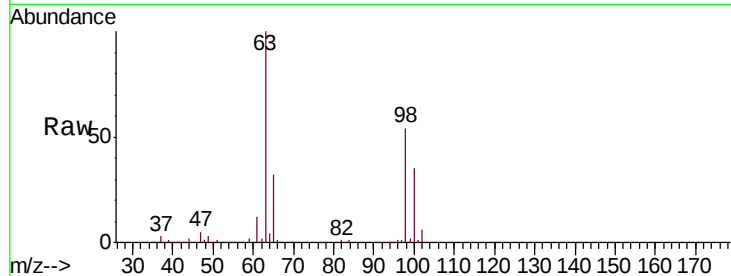




#12
 1,1-Dichloroethene
 Concen: 0.823 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

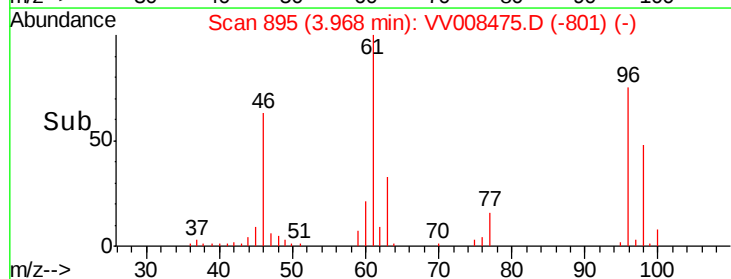
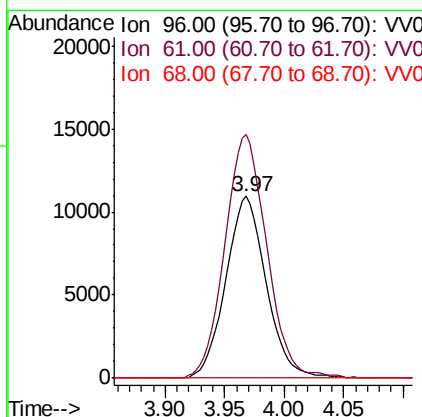
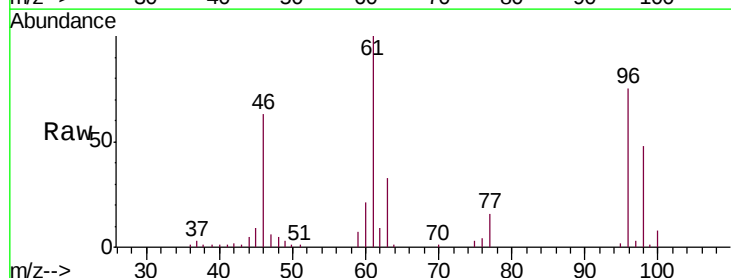
Instrument :
 MSVOA_V
 ClientSampleId :
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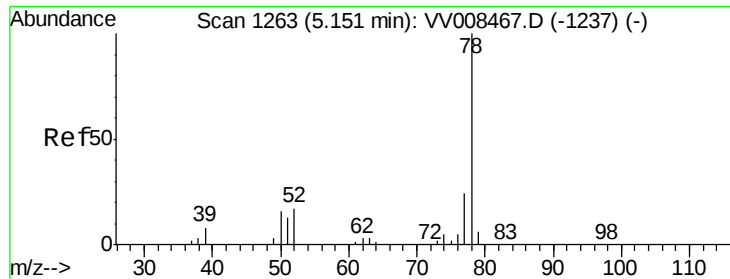
Tgt Ion: 96 Resp: 661
 Ion Ratio Lower Upper
 96 100
 61 1370.8 130.3 242.1#
 63 11226.4 84.4 156.8#



#20
 cis-1,2-Dichloroethene
 Concen: 18.437 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

Tgt Ion: 96 Resp: 25724
 Ion Ratio Lower Upper
 96 100
 61 133.8 100.9 187.5
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.386 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.05 min

Lab File: VV008475.D

Acq: 30 Oct 2018 18:10

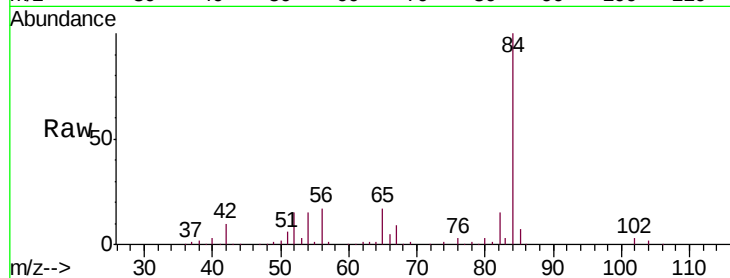
Instrument :

MSVOA_V

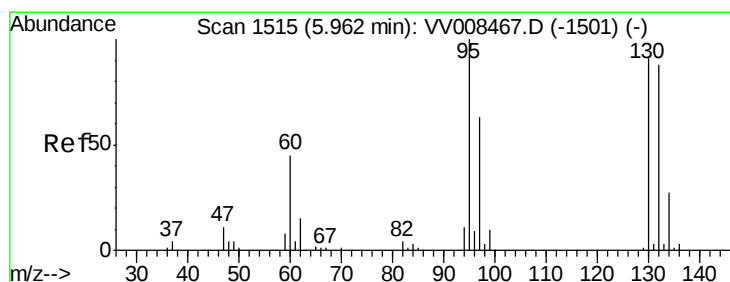
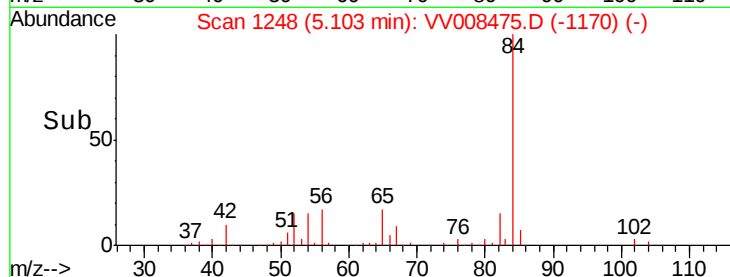
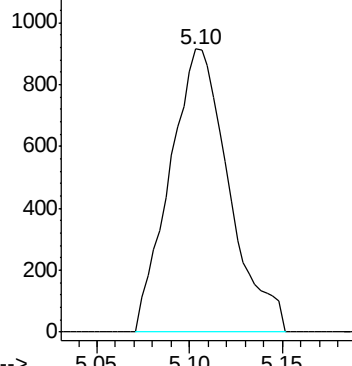
ClientSampleId :

ETBW0DL

Tgt Ion: 78 Resp: 2033



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 12.148 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008475.D

Acq: 30 Oct 2018 18:10

Tgt Ion: 95 Resp: 16384

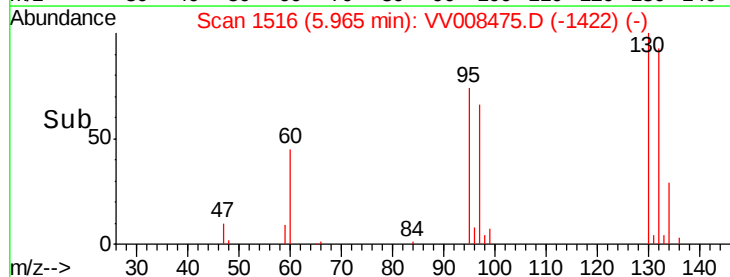
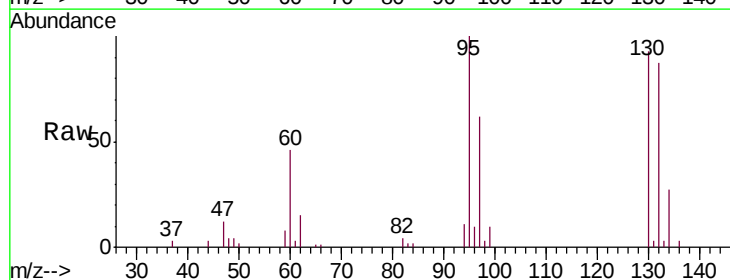
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.2	84.0
132	87.0	63.8	118.6
130	93.3	64.7	120.1

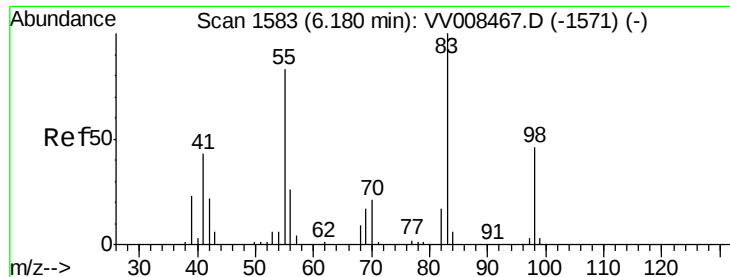
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

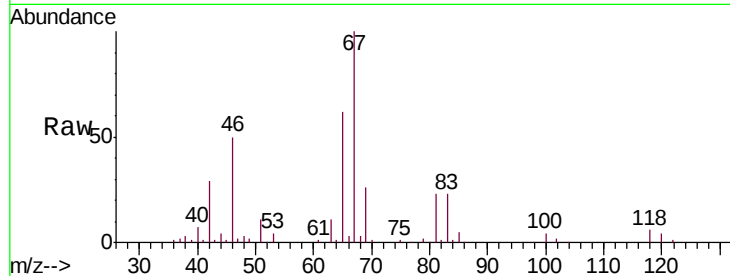




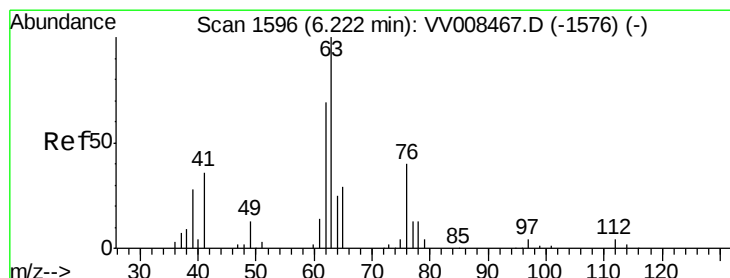
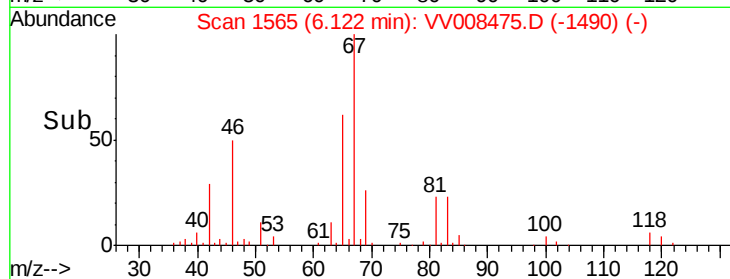
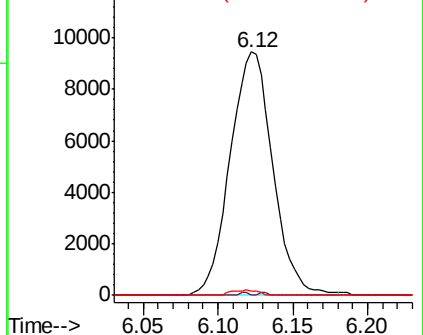
#35
Methylcyclohexane
Concen: 8.176 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008475.D
Acq: 30 Oct 2018 18:10

Instrument :
MSVOA_V
ClientSampleId :
ETBW0DL

Tgt Ion: 83 Resp: 18746
Ion Ratio Lower Upper
83 100
55 0.3 65.0 97.4#
98 1.3 36.0 54.0#

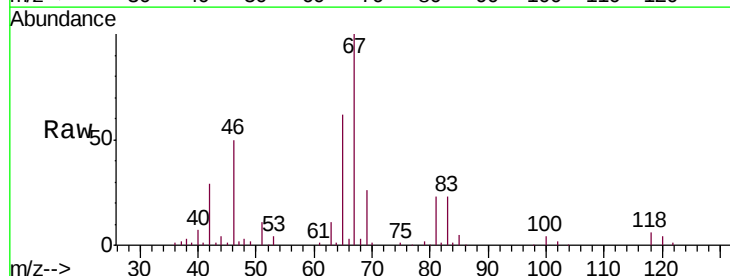


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

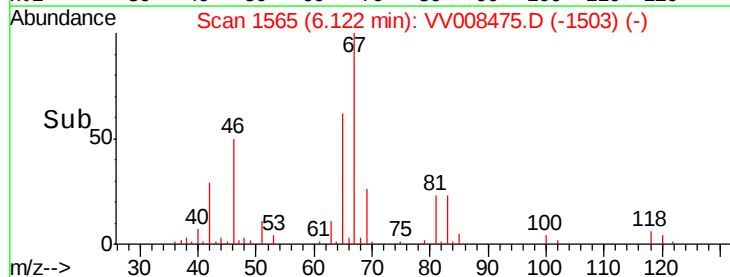
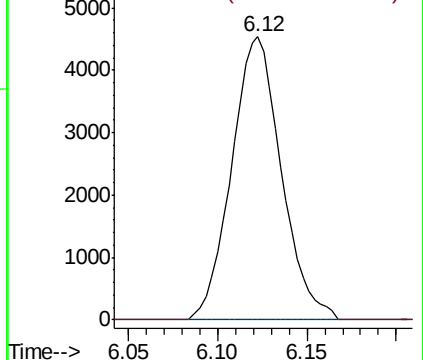


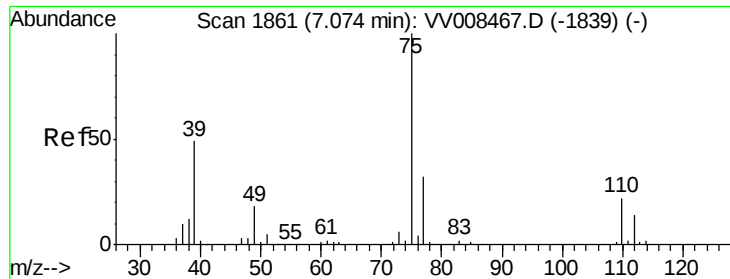
#37
1,2-Dichloropropane
Concen: 6.045 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008475.D
Acq: 30 Oct 2018 18:10

Tgt Ion: 63 Resp: 8794
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

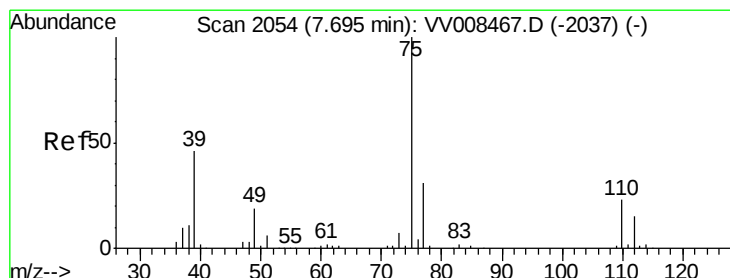
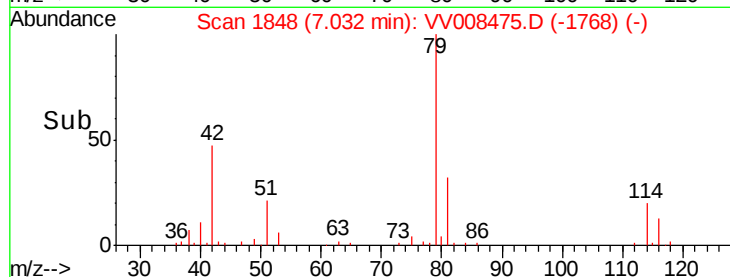
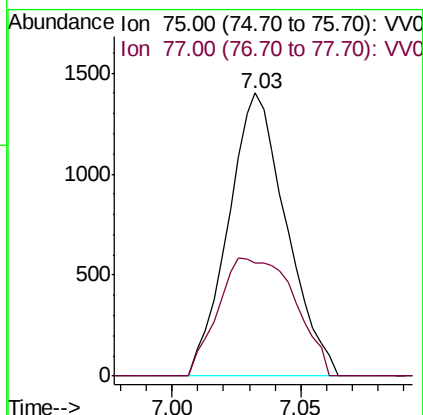
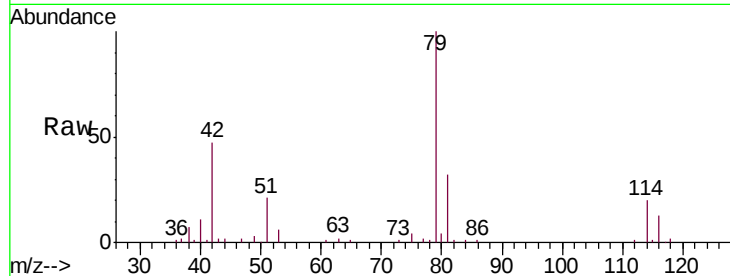




#39
 cis-1,3-Dichloropropene
 Concen: 0.961 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

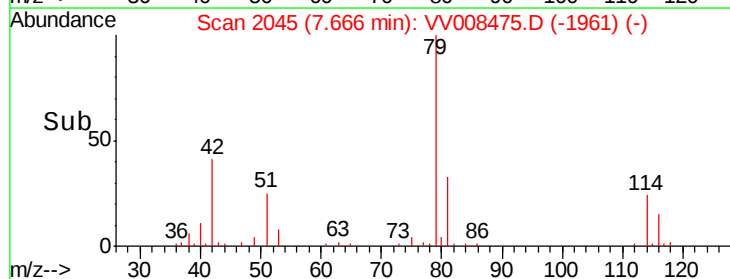
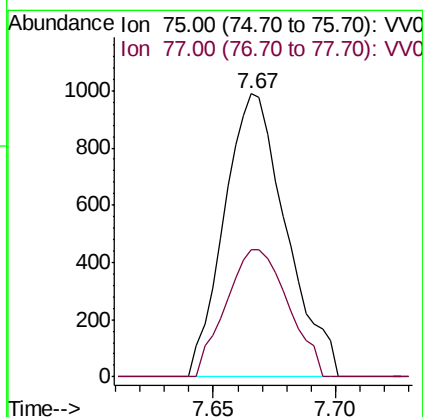
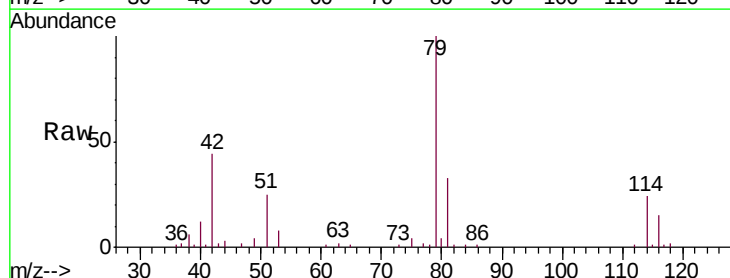
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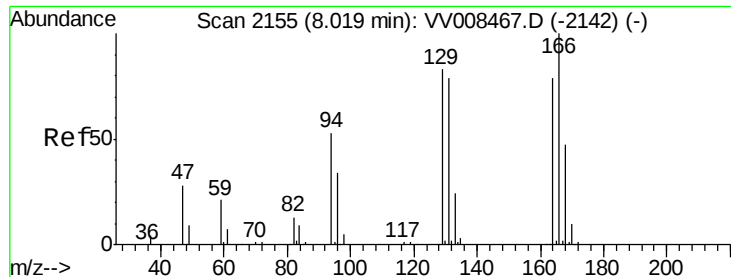
Tgt Ion: 75 Resp: 2197
 Ion Ratio Lower Upper
 75 100
 77 39.9 22.6 42.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.814 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008475.D
 Acq: 30 Oct 2018 18:10

Tgt Ion: 75 Resp: 1742
 Ion Ratio Lower Upper
 75 100
 77 44.9 21.8 40.4#





#46

Tetrachloroethene

Concen: 41.565 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008475.D

Acq: 30 Oct 2018 18:10

Instrument :

MSVOA_V

ClientSampleId :

ETBW0DL

Tgt Ion:164 Resp: 36544

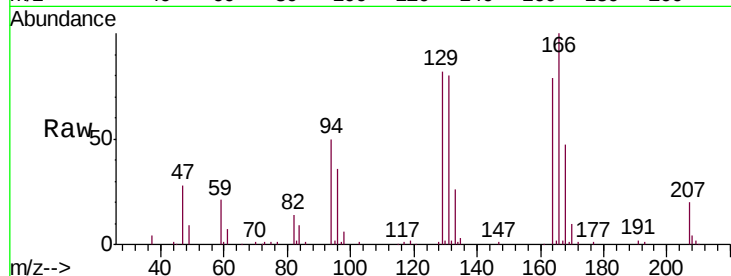
Ion Ratio Lower Upper

164 100

129 104.0 75.0 139.2

131 101.5 71.3 132.3

166 127.3 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

