

Data File : VV008424.D
Acq On : 26 Oct 2018 11:43
Operator : SY/MD
Sample : J5670-01DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBP2DL

Quant Time: Oct 27 04:45:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208740	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58307	50.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.90%
7) Chloroethane-d5	1.57	69	44292	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
11) 1,1-Dichloroethene-d2	2.13	63	78882	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.58%
21) 2-Butanone-d5	3.93	46	116816	93.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.00%
24) Chloroform-d	4.40	84	134419	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.08	65	93458	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.10	84	275790	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
36) 1,2-Dichloropropane-d6	6.12	67	93859	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.36	98	251755	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%
43) trans-1,3-Dichloropropene-	7.66	79	45640	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.13	63	88321	90.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	122226	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	82646	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

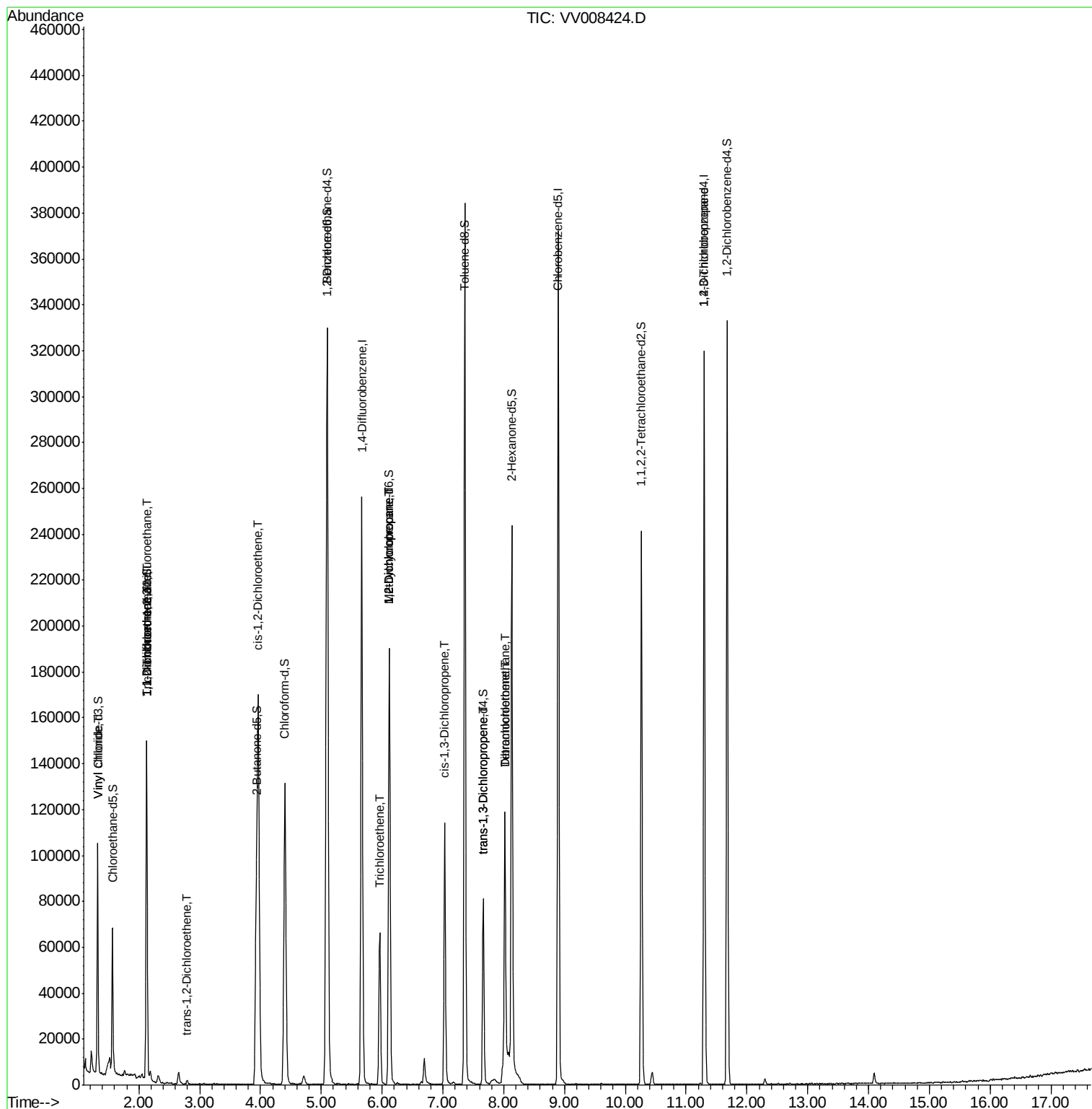
					Qvalue	
5) Vinyl chloride	1.33	62	4377	2.958	ug/L #	59
9) Trichlorofluoromethane	2.13	101	761	0.400	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	761	0.765	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	926	0.989	ug/L #	1
17) trans-1,2-Dichloroethene	2.79	96	658	0.461	ug/L	88
20) cis-1,2-Dichloroethene	3.96	96	83466	51.317	ug/L	96
34) Trichloroethene	5.96	95	24391	15.346	ug/L	96
35) Methylcyclohexane	6.12	83	21371	7.909	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10060	5.867	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2696	1.000	ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	1879	0.745	ug/L #	82
46) Tetrachloroethene	8.02	164	23274	22.462	ug/L	97
49) Dibromochloromethane	8.02	129	23276	14.287	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	10684	4.972	ug/L	93

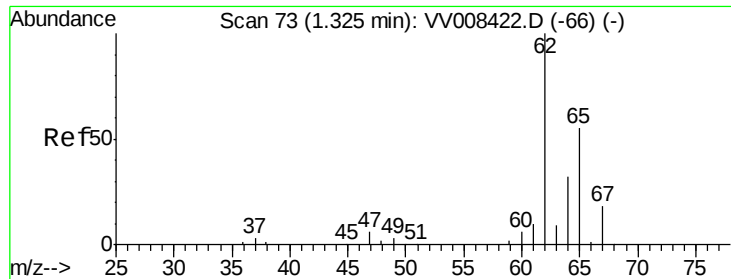
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.958 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Instrument :

MSVOA_V

ClientSampleId :

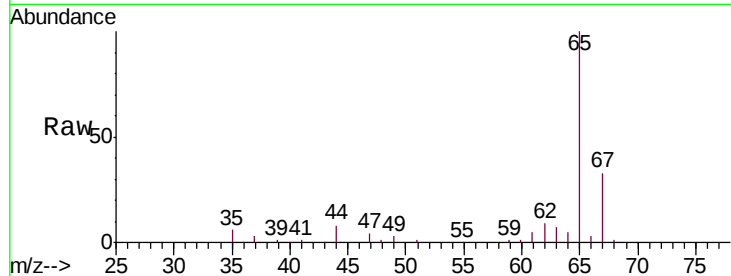
ETBP2DL

Tgt Ion: 62 Resp: 4377

Ion Ratio Lower Upper

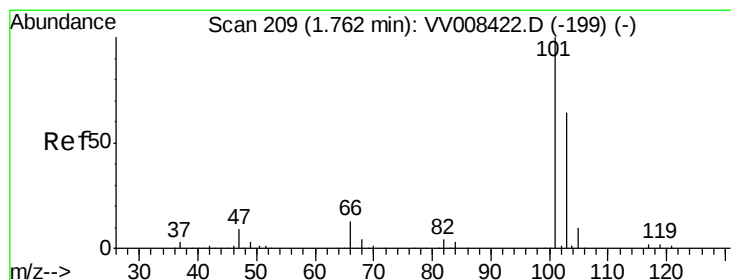
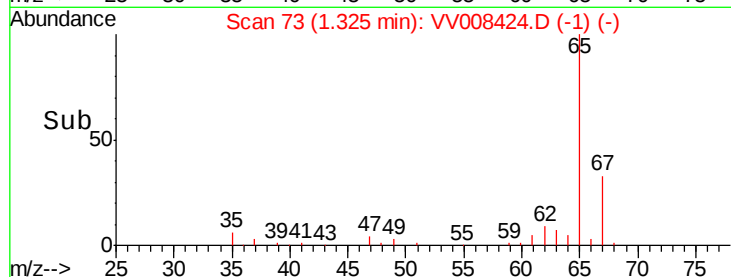
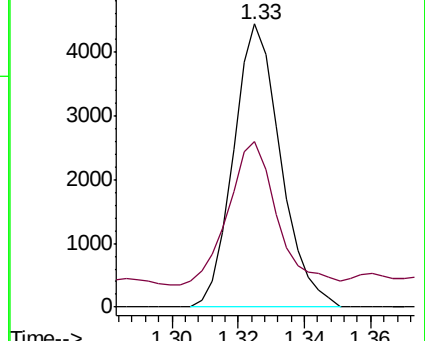
62 100

64 58.6 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV008422.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV008422.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 0.400 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008424.D

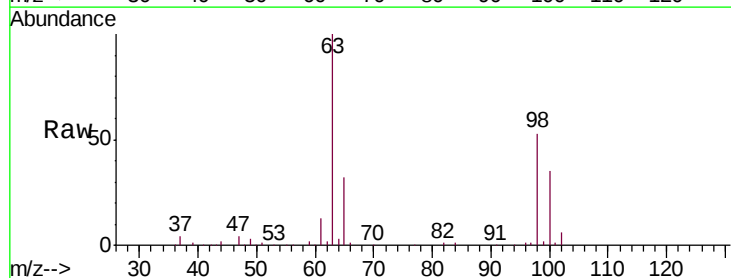
Acq: 26 Oct 2018 11:43

Tgt Ion: 101 Resp: 761

Ion Ratio Lower Upper

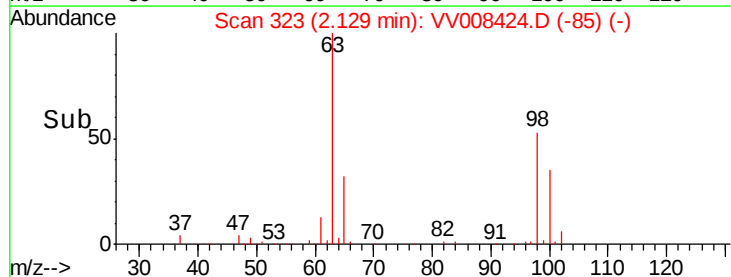
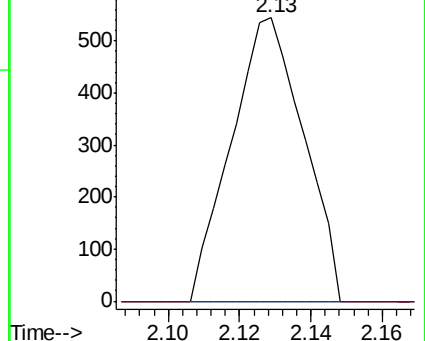
101 100

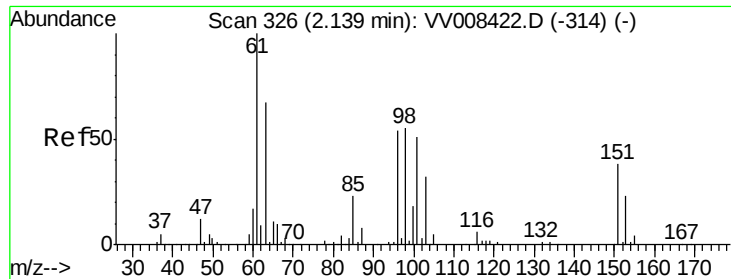
103 0.0 51.0 76.6#



Abundance Ion 101.00 (100.70 to 101.70): VV008422.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV008422.D (-199) (-)





#10

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

Concen: 0.765 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Instrument :

MSVOA_V

ClientSampleId :

ETBP2DL

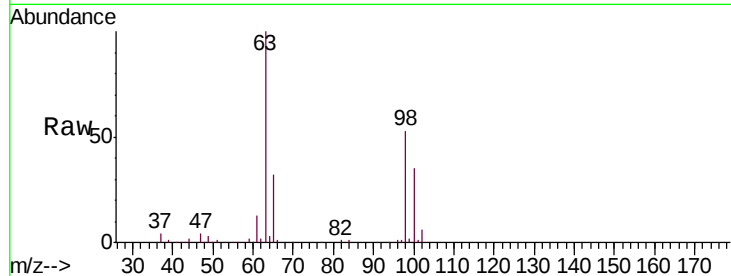
Tgt Ion:101 Resp: 761

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

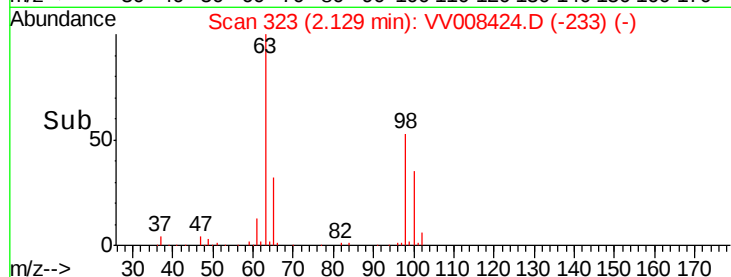
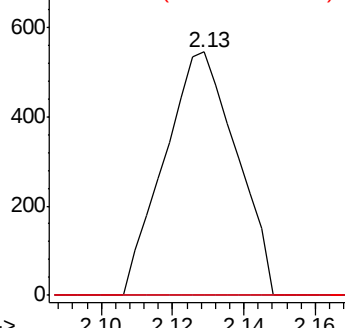
151 0.0 58.1 87.1#



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



#12

1,1-Dichloroethene

Concen: 0.989 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

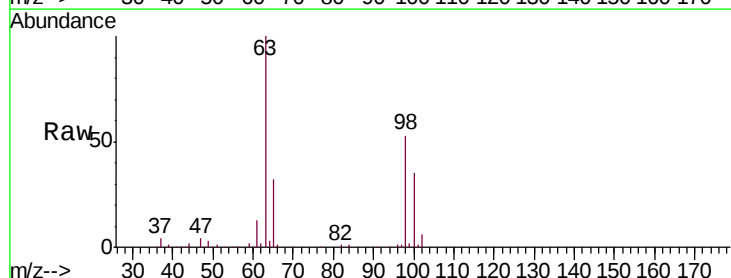
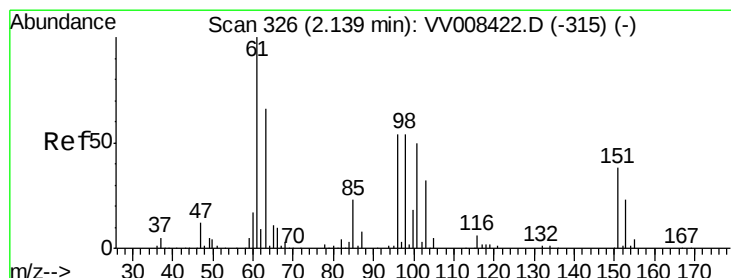
Tgt Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 1173.3 130.3 242.1#

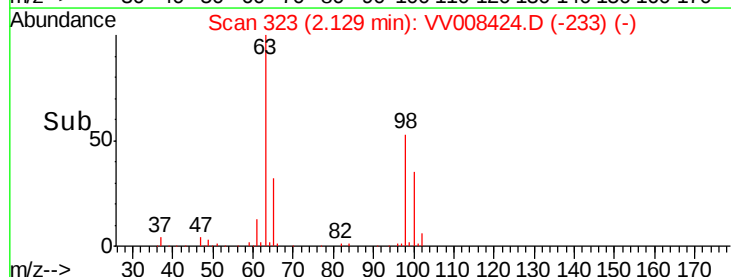
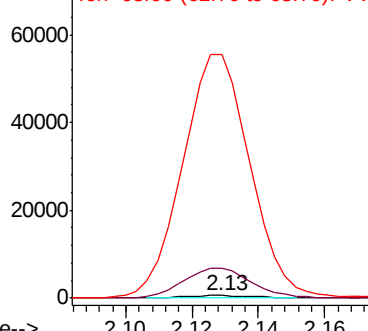
63 9367.6 84.4 156.8#

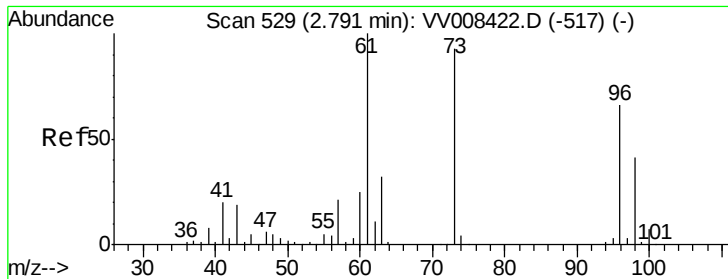


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 0.461 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Instrument :

MSVOA_V

ClientSampleId :

ETBP2DL

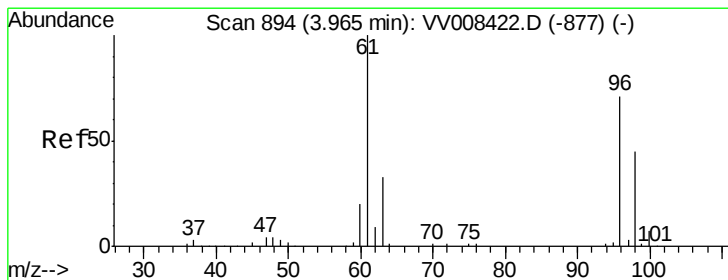
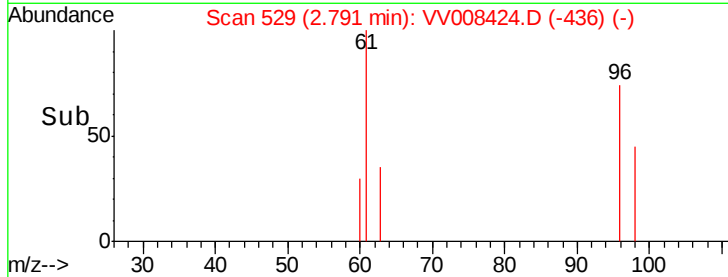
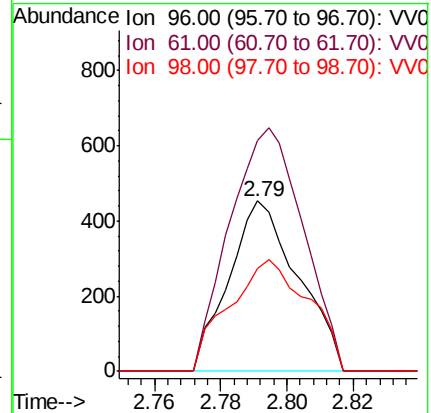
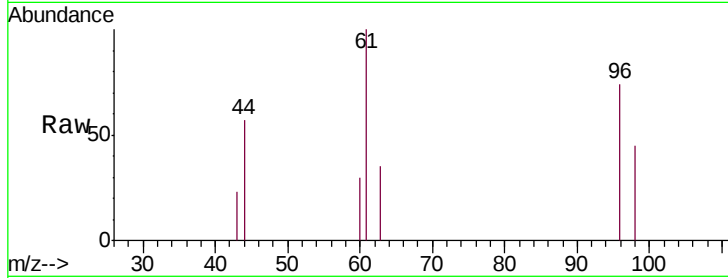
Tgt Ion: 96 Resp: 658

Ion Ratio Lower Upper

96 100

61 135.0 108.6 201.6

98 60.4 44.3 82.3



#20

cis-1,2-Dichloroethene

Concen: 51.317 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

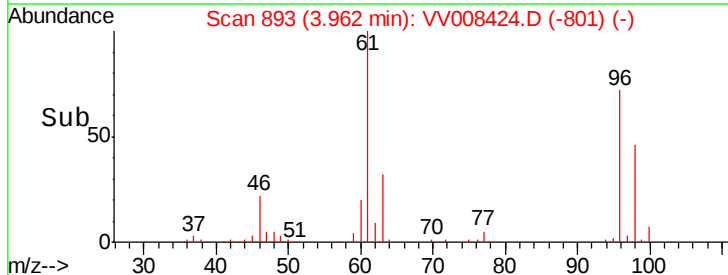
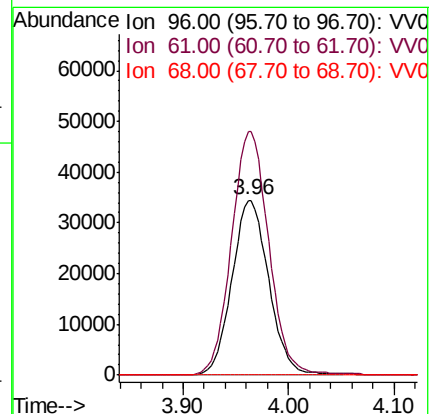
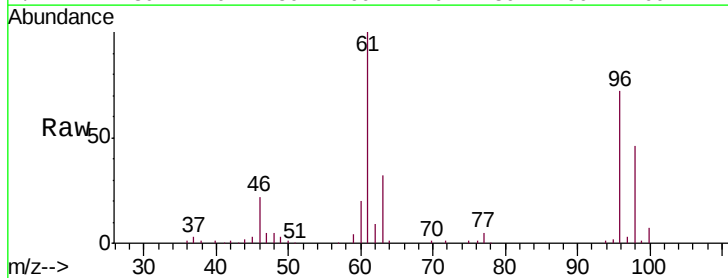
Tgt Ion: 96 Resp: 83466

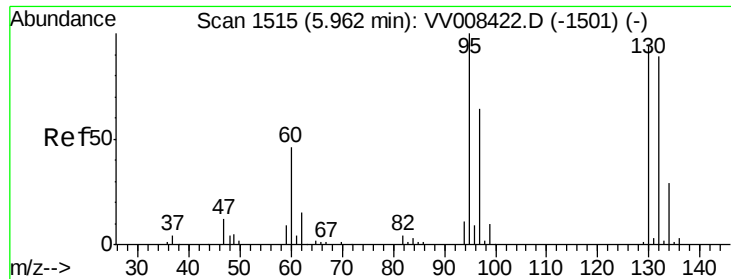
Ion Ratio Lower Upper

96 100

61 139.3 100.9 187.5

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 15.346 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Instrument :

MSVOA_V

ClientSampleId :

ETBP2DL

Tgt Ion: 95 Resp: 24391

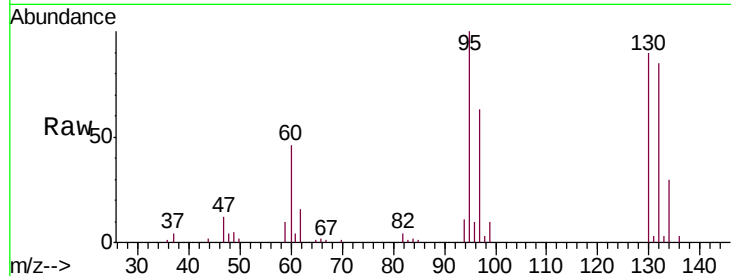
Ion Ratio Lower Upper

95 100

97 63.3 45.2 84.0

132 85.3 63.8 118.6

130 90.3 64.7 120.1



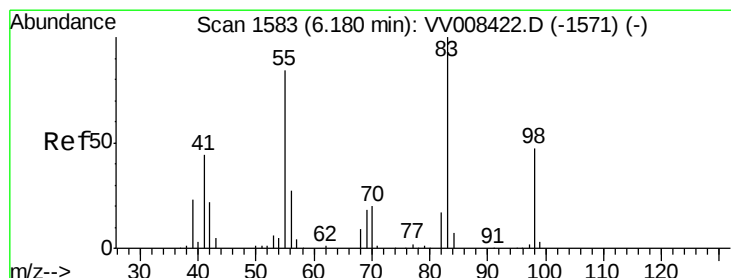
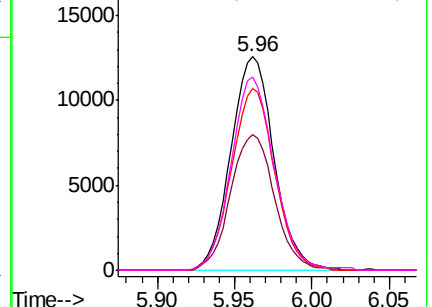
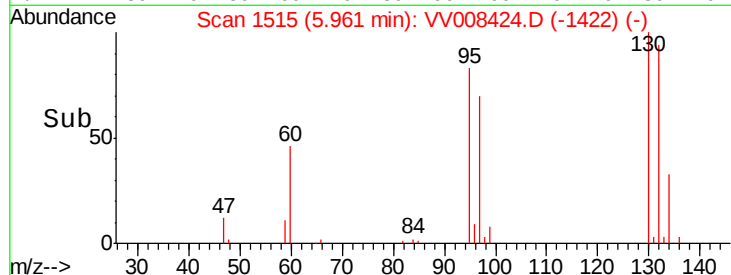
Abundance

Ion 95.00 (94.70 to 95.70): VV008424.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008424.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008424.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008424.D (-1422) (-)



#35

Methylcyclohexane

Concen: 7.909 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

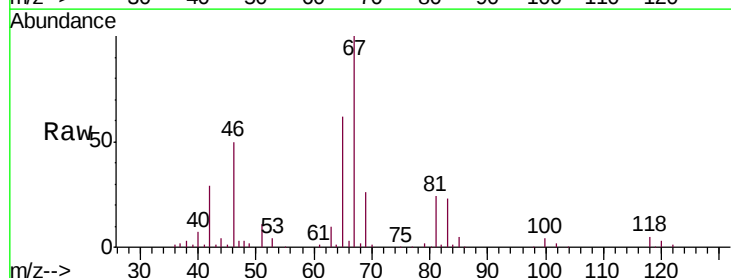
Tgt Ion: 83 Resp: 21371

Ion Ratio Lower Upper

83 100

55 0.7 65.0 97.4#

98 1.5 36.0 54.0#

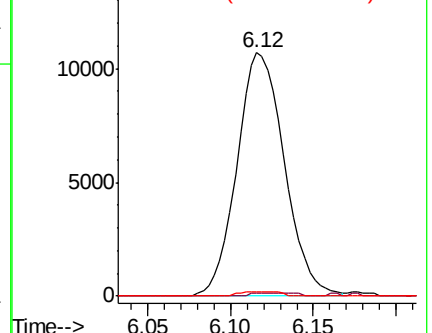
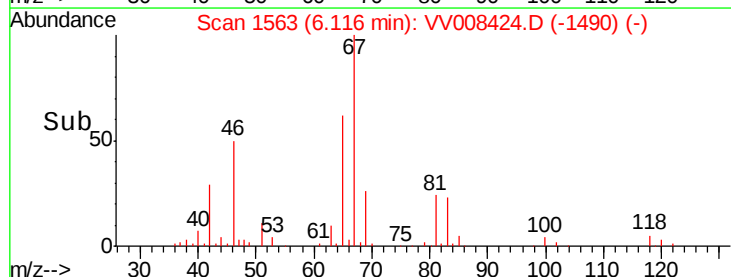


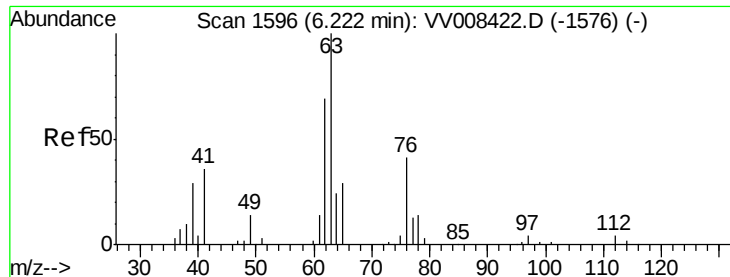
Abundance

Ion 83.00 (82.70 to 83.70): VV008424.D (-1490) (-)

Ion 55.00 (54.70 to 55.70): VV008424.D (-1490) (-)

Ion 98.00 (97.70 to 98.70): VV008424.D (-1490) (-)

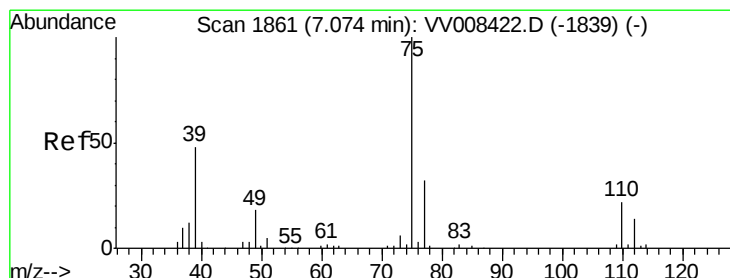
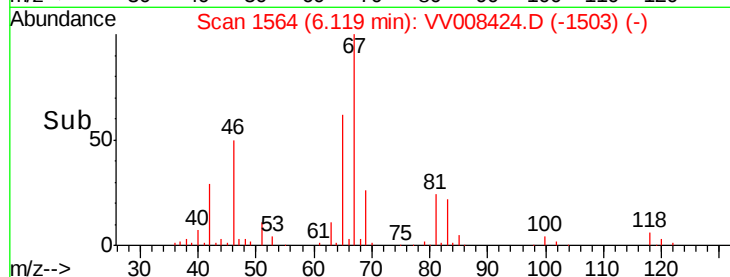
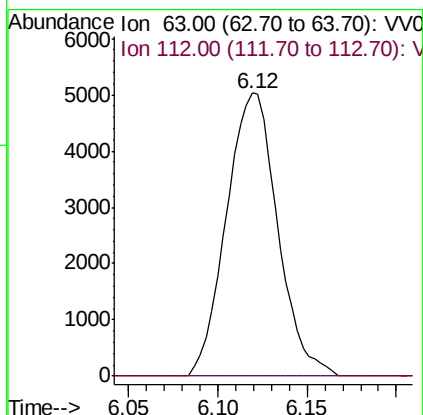
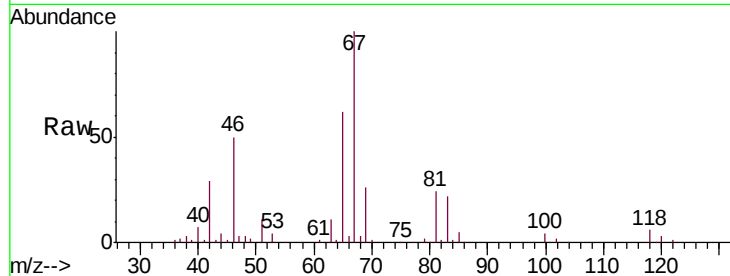




#37
 1,2-Dichloropropane
 Concen: 5.867 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008424.D
 Acq: 26 Oct 2018 11:43

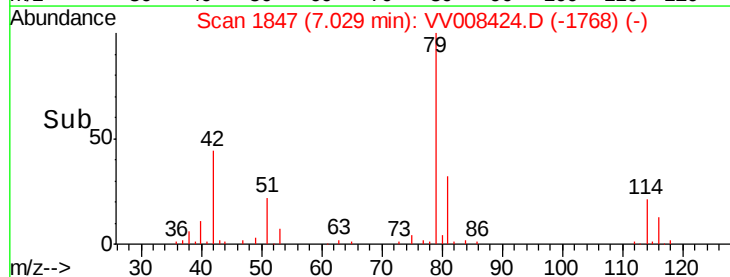
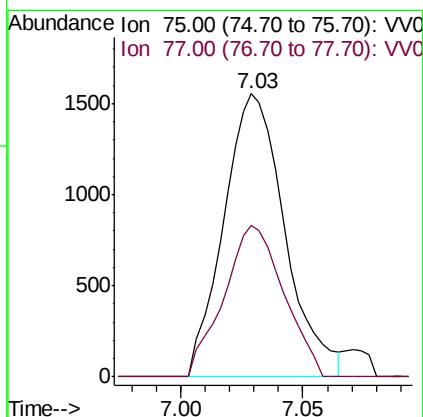
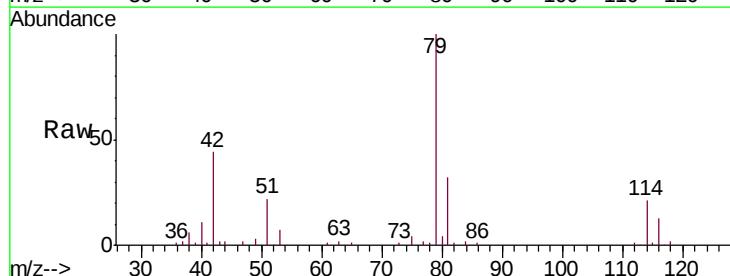
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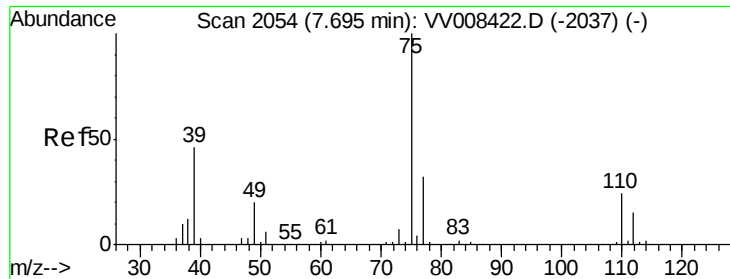
Tgt Ion: 63 Resp: 10060
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008424.D
 Acq: 26 Oct 2018 11:43

Tgt Ion: 75 Resp: 2696
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Instrument :

MSVOA_V

ClientSampleId :

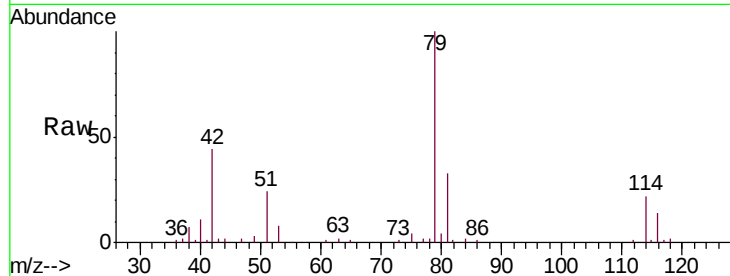
ETBP2DL

Tgt Ion: 75 Resp: 1879

Ion Ratio Lower Upper

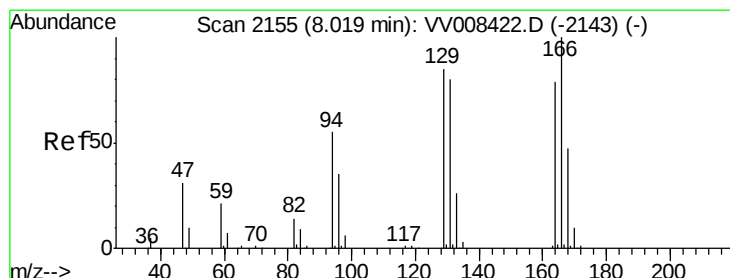
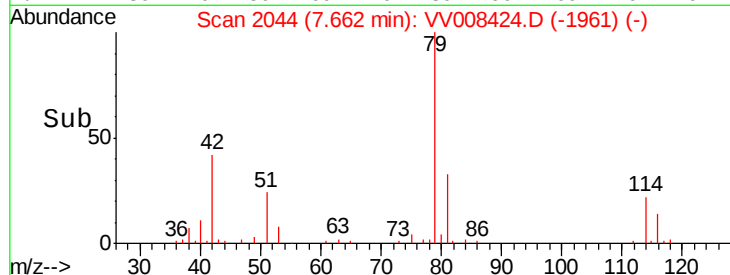
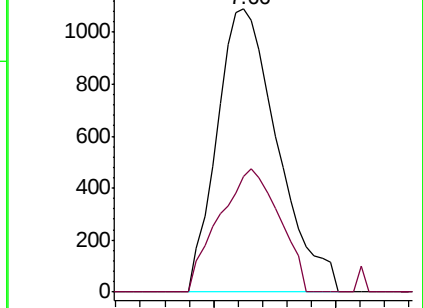
75 100

77 41.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008422.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008422.D (-2037) (-)



#46

Tetrachloroethene

Concen: 22.462 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008424.D

Acq: 26 Oct 2018 11:43

Tgt Ion: 164 Resp: 23274

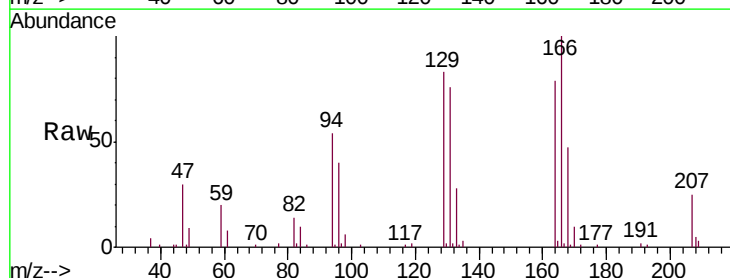
Ion Ratio Lower Upper

164 100

129 104.0 75.0 139.2

131 95.4 71.3 132.3

166 126.0 89.2 165.6

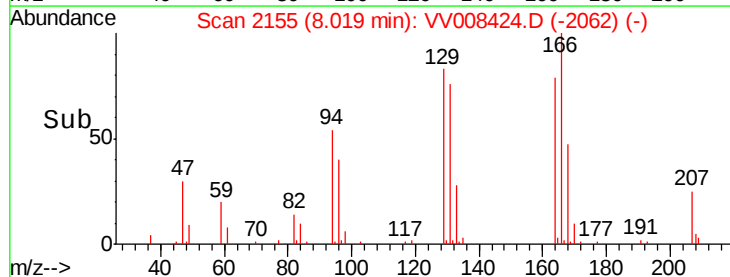
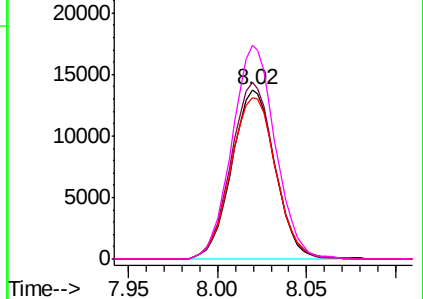


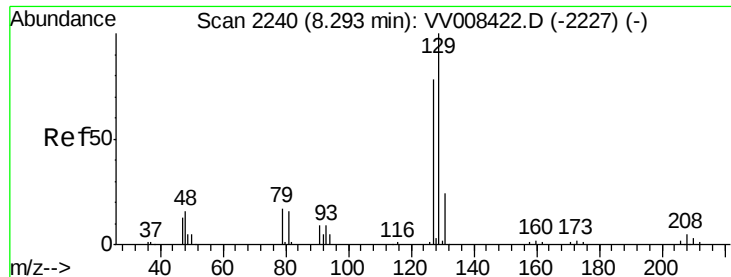
Abundance Ion 164.00 (163.70 to 164.70): VV008422.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV008422.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV008422.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV008422.D (-2143) (-)

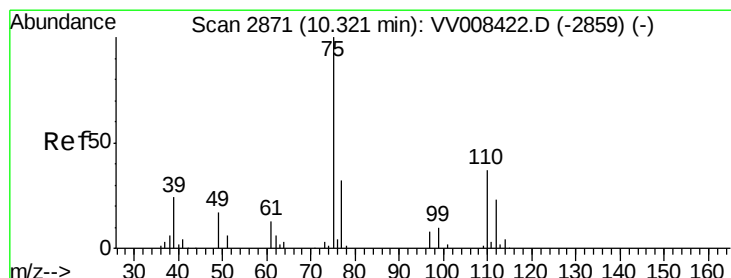
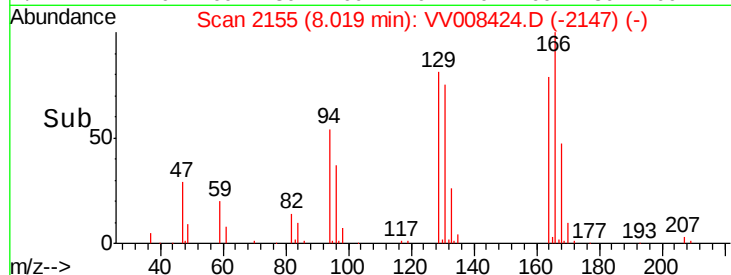
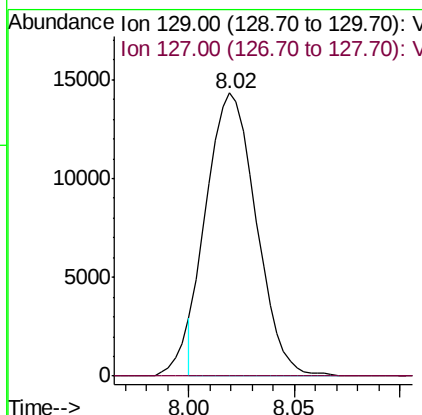
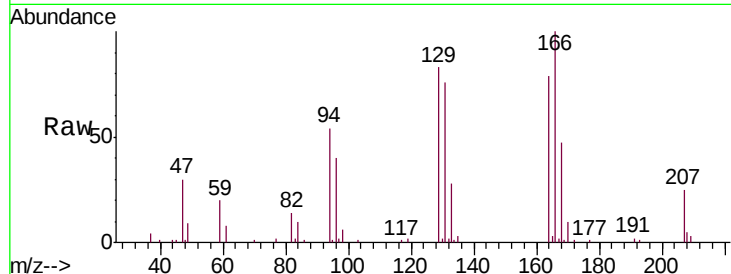




#49
 Dibromochloromethane
 Concen: 14.287 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV008424.D
 Acq: 26 Oct 2018 11:43

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP2DL

Tgt Ion: 129 Resp: 23276
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.9 101.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.972 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008424.D
 Acq: 26 Oct 2018 11:43

Tgt Ion: 75 Resp: 10684
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.8 38.8

