

Data File : VV008430.D
Acq On : 26 Oct 2018 14:03
Operator : SY/MD
Sample : J5669-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX5

Quant Time: Oct 27 04:46:31 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	194332	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53177	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.84%
7) Chloroethane-d5	1.56	69	39111	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.68%
11) 1,1-Dichloroethene-d2	2.13	63	70822	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	3.94	46	115169	98.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.49%
24) Chloroform-d	4.41	84	124614	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.09	65	87717	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.10	84	258517	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	87269	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.36	98	232448	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
43) trans-1,3-Dichloropropene-	7.67	79	42153	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.14	63	87224	97.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.73%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115693	49.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	76815	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%

Target Compounds

						Qvalue
5) Vinyl chloride	1.33	62	3139	2.279	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	592	0.639	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1125	1.290	ug/L #	1
13) Acetone	2.19	43	10580	11.658	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	4382	3.297	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	269061	177.689	ug/L	95
34) Trichloroethene	5.96	95	40511	28.013	ug/L	97
35) Methylcyclohexane	6.12	83	19842	8.070	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9465	6.067	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2485	1.013	ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1639	0.714	ug/L #	71
46) Tetrachloroethene	8.02	164	25623	27.179	ug/L	98
48) 2-Hexanone	8.14	43	10165	5.703	ug/L #	67
49) Dibromochloromethane	8.02	129	26765	18.057	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	9508	4.863	ug/L #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

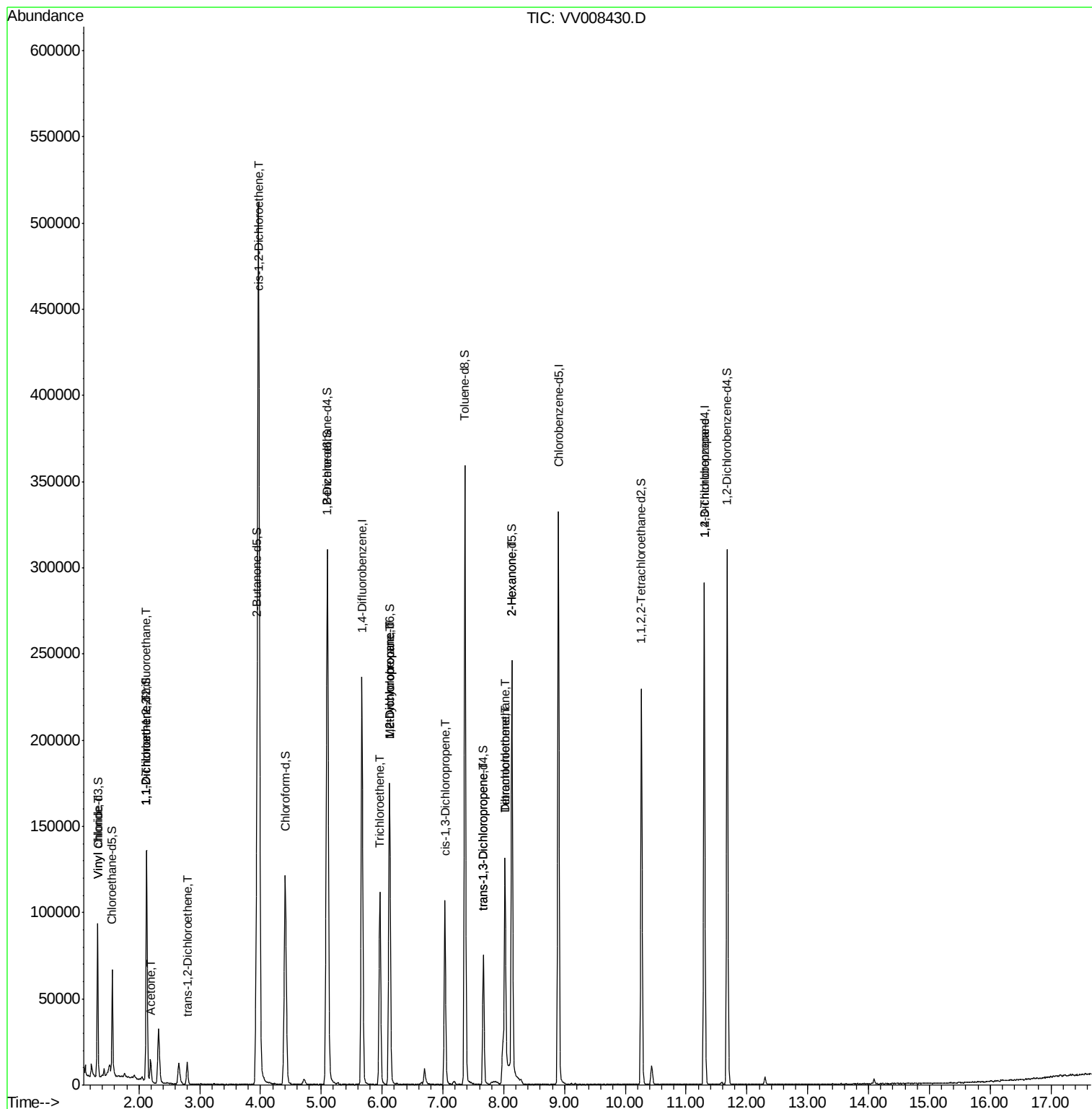
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

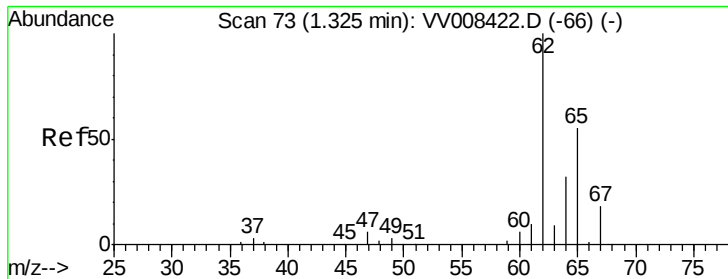
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.279 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

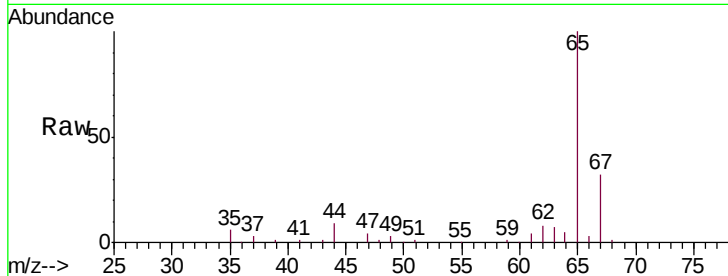
ETBX5

Tgt Ion: 62 Resp: 3139

Ion Ratio Lower Upper

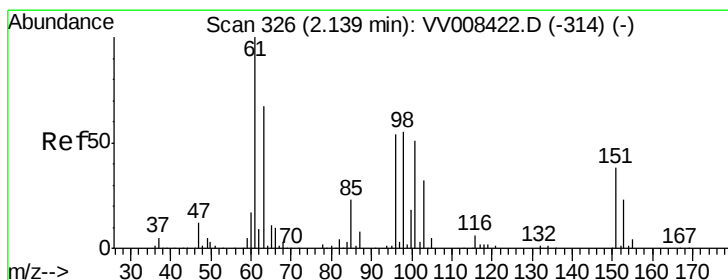
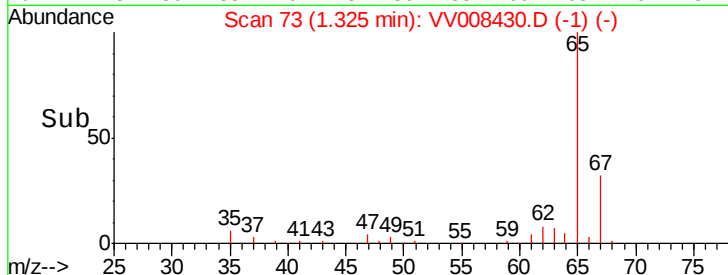
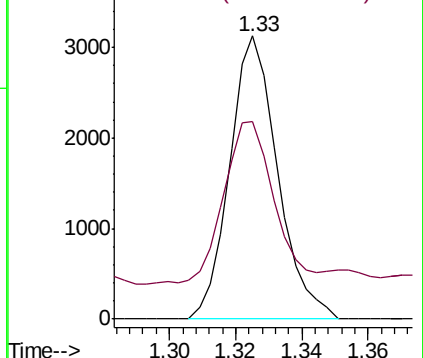
62 100

64 69.7 24.4 45.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 0.639 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

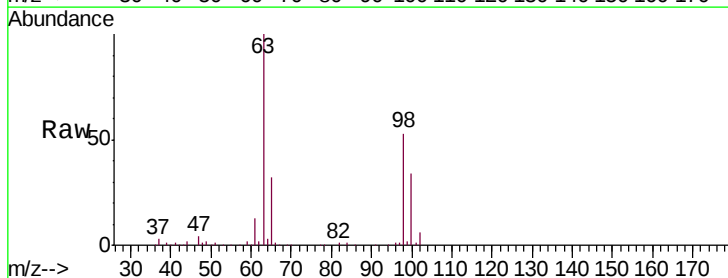
Tgt Ion: 101 Resp: 592

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

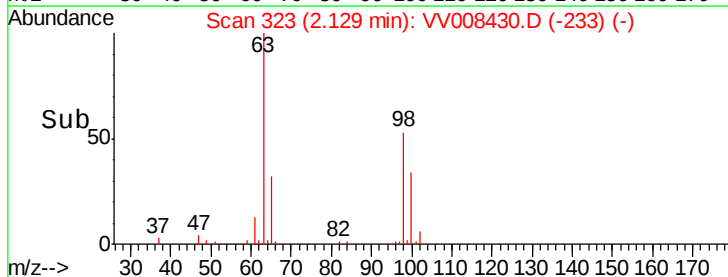
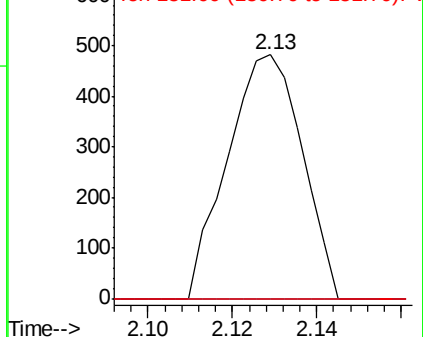
151 0.0 58.1 87.1#

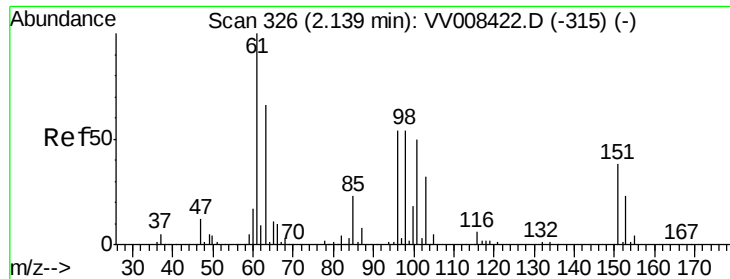


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 1.290 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampled :

ETBX5

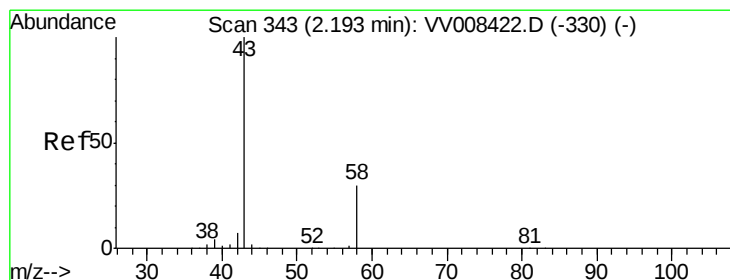
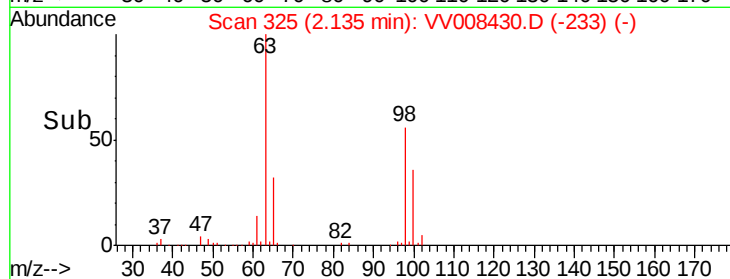
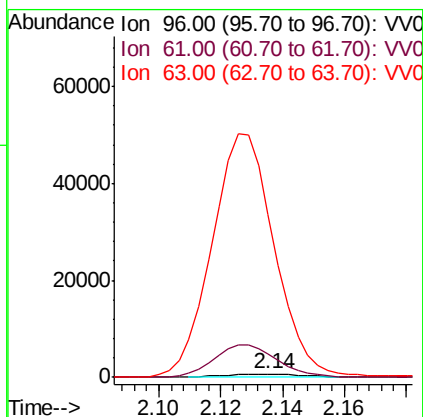
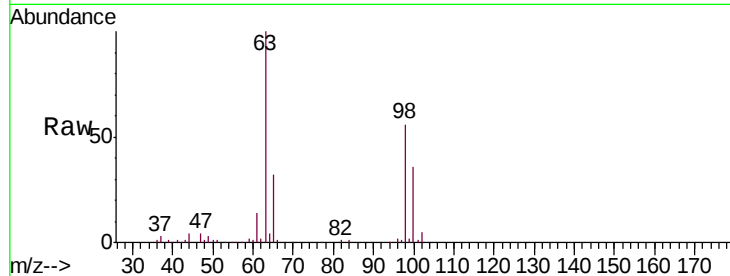
Tgt Ion: 96 Resp: 1125

Ion Ratio Lower Upper

96 100

61 677.5 130.3 242.1#

63 4804.6 84.4 156.8#



#13

Acetone

Concen: 11.658 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008430.D

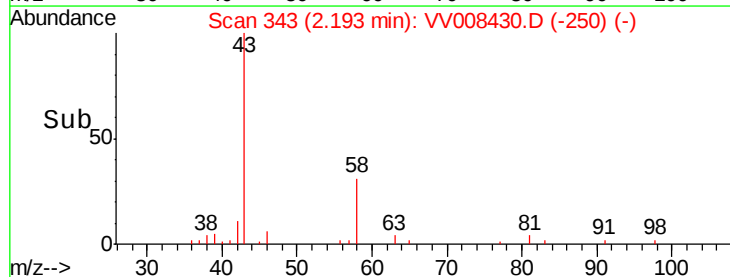
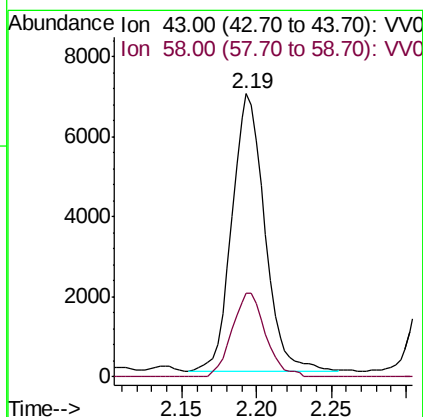
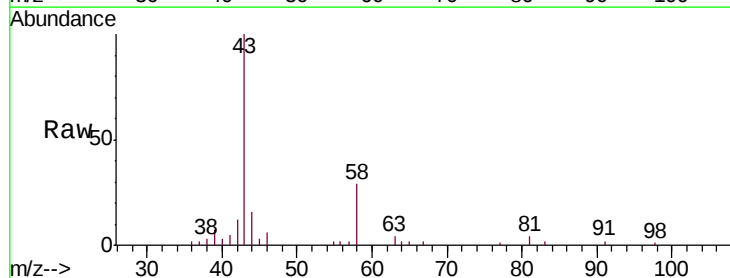
Acq: 26 Oct 2018 14:03

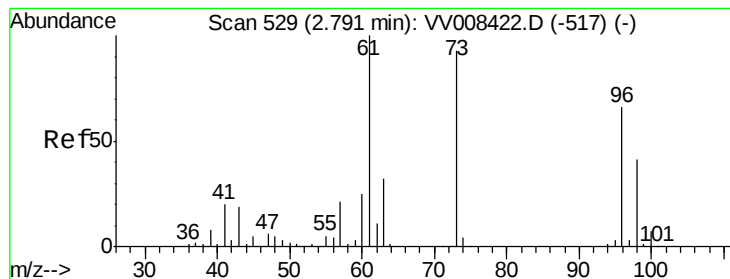
Tgt Ion: 43 Resp: 10580

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 3.297 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampleID :

ETBX5

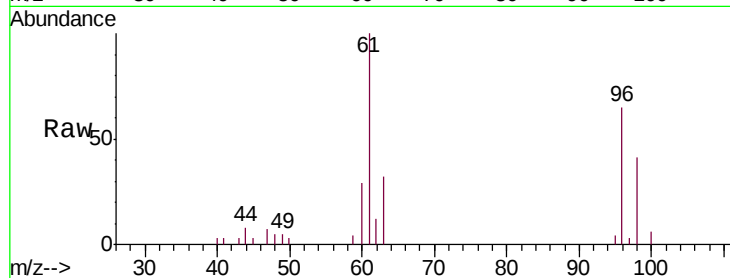
Tgt Ion: 96 Resp: 4382

Ion Ratio Lower Upper

96 100

61 154.2 108.6 201.6

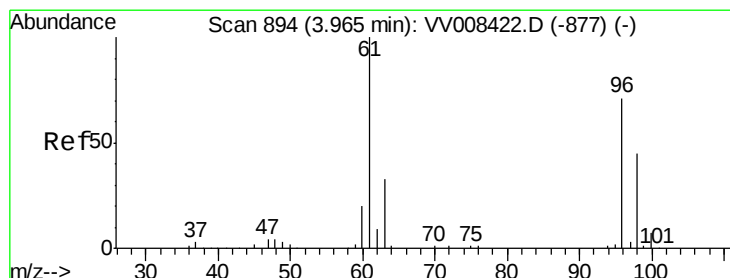
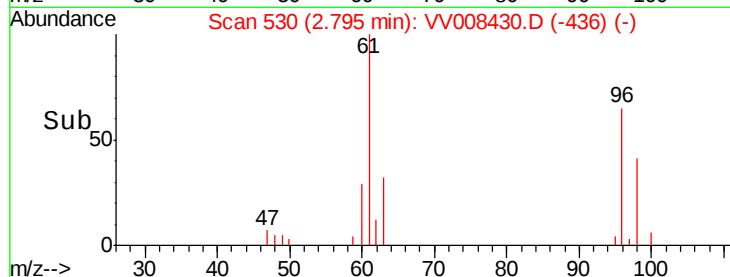
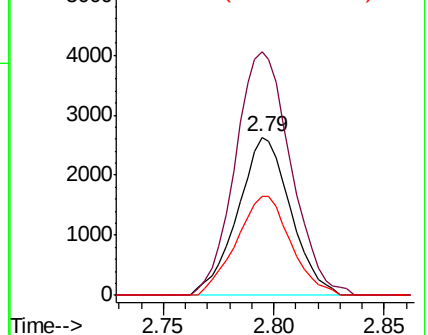
98 62.5 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008422.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008422.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008422.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 177.689 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

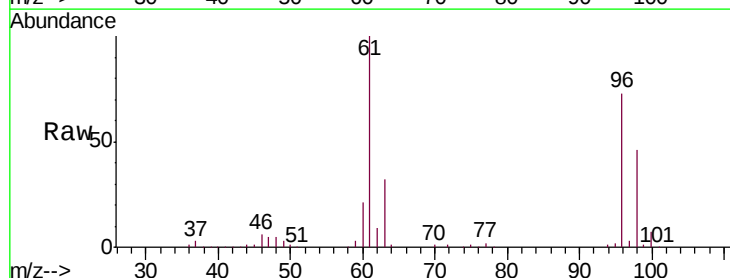
Tgt Ion: 96 Resp: 269061

Ion Ratio Lower Upper

96 100

61 137.9 100.9 187.5

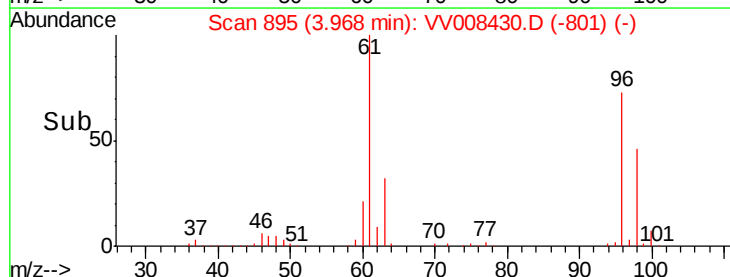
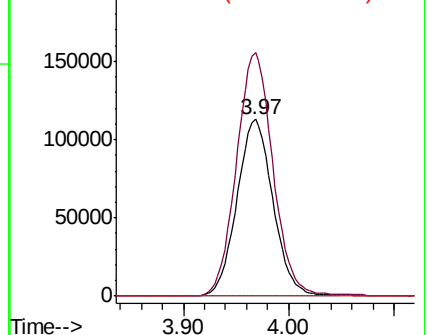
68 0.0 0.0 0.0

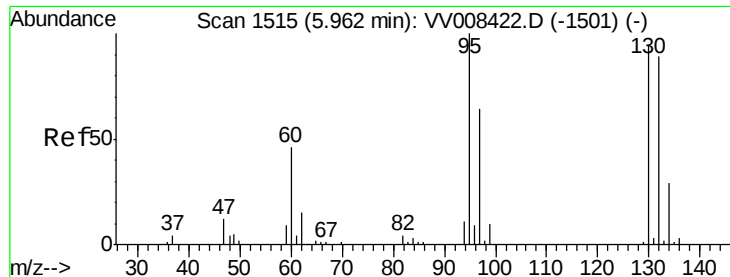


Abundance Ion 96.00 (95.70 to 96.70): VV008422.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008422.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008422.D (-877) (-)





#34

Trichloroethene

Concen: 28.013 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

ETBX5

Tgt Ion: 95 Resp: 40511

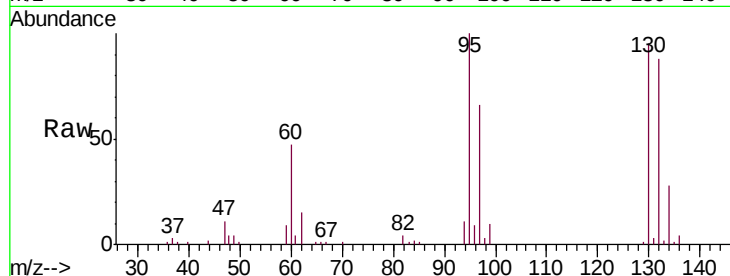
Ion Ratio Lower Upper

95 100

97 66.1 45.2 84.0

132 88.5 63.8 118.6

130 95.0 64.7 120.1

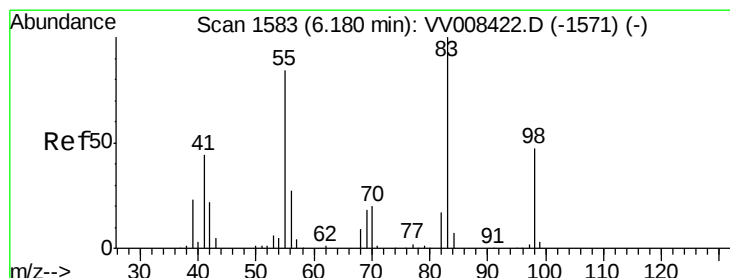
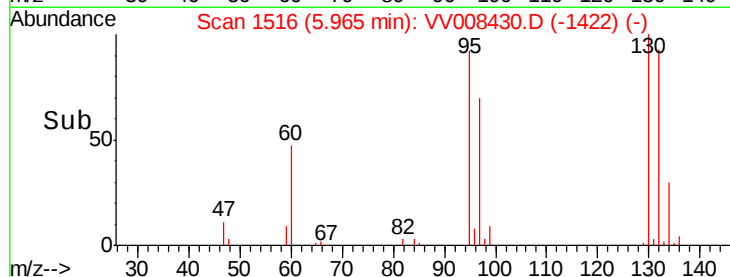
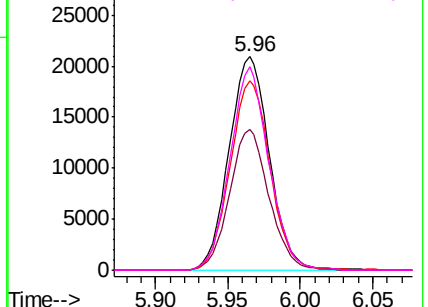


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 8.070 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

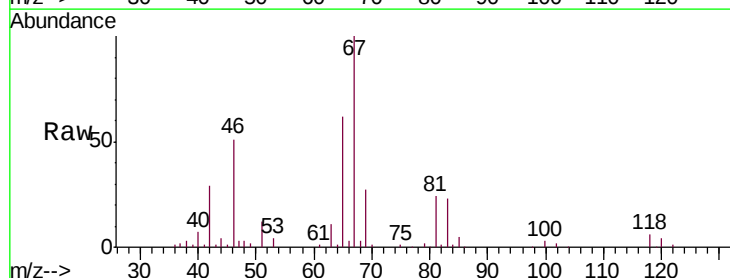
Tgt Ion: 83 Resp: 19842

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

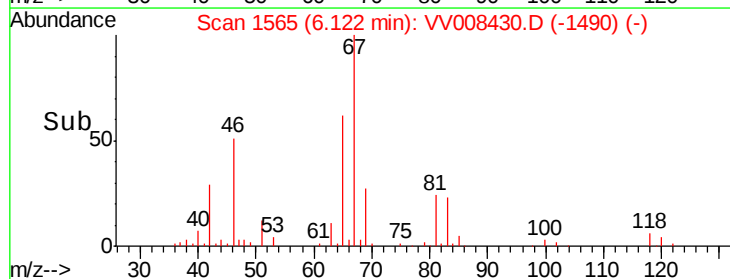
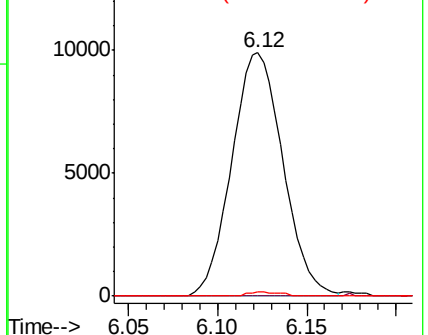
98 0.7 36.0 54.0#

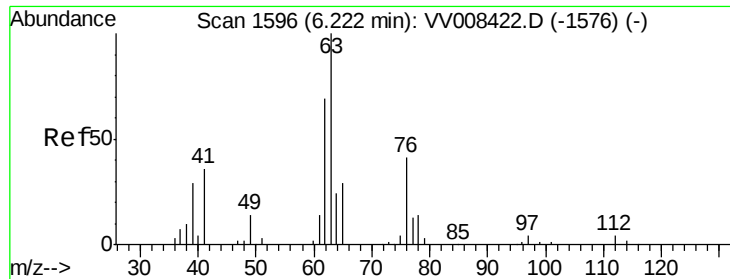


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

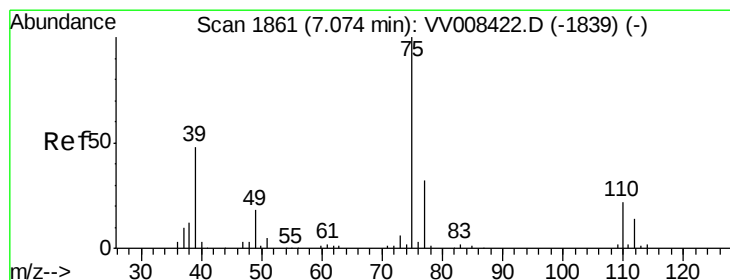
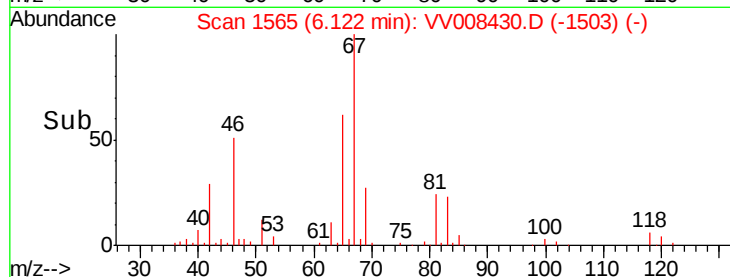
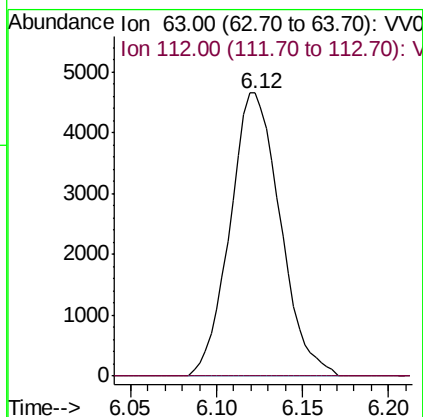
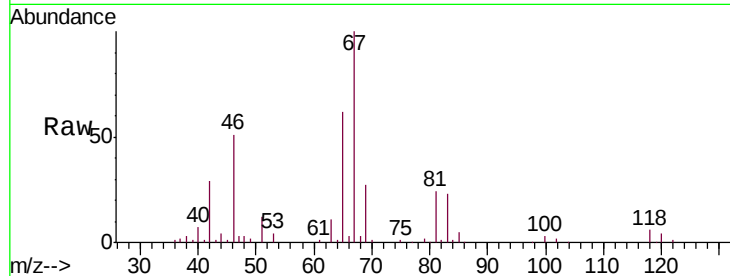




#37
 1,2-Dichloropropane
 Concen: 6.067 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008430.D
 Acq: 26 Oct 2018 14:03

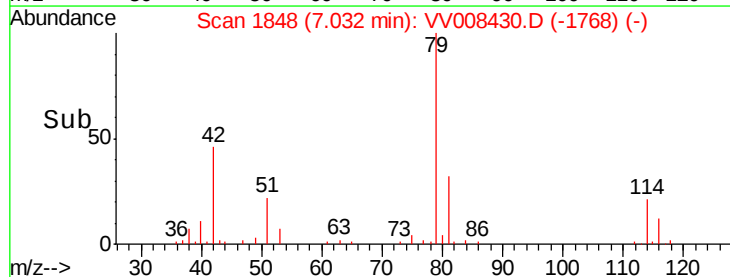
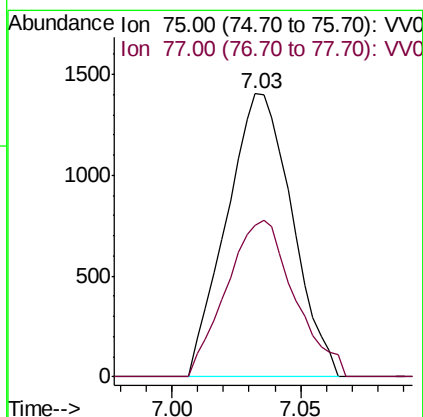
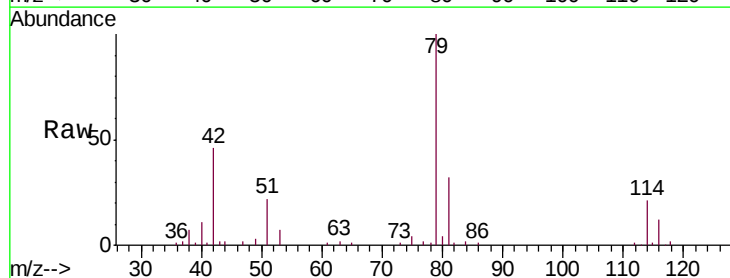
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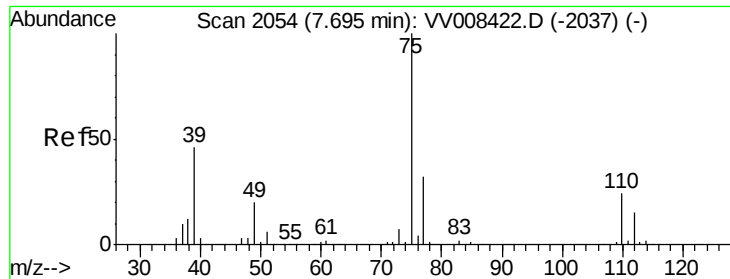
Tgt Ion: 63 Resp: 9465
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.013 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008430.D
 Acq: 26 Oct 2018 14:03

Tgt Ion: 75 Resp: 2485
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampled :

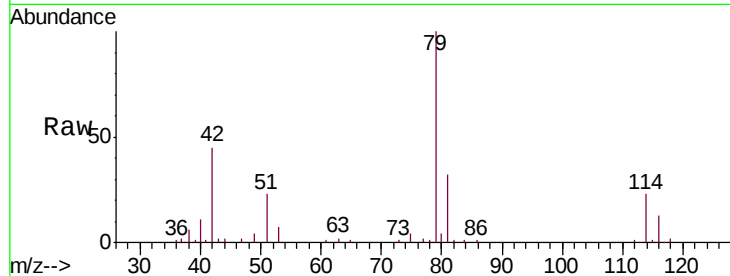
ETBX5

Tgt Ion: 75 Resp: 1639

Ion Ratio Lower Upper

75 100

77 46.9 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) (-)

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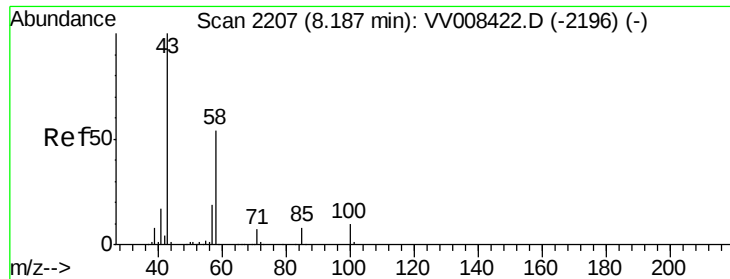
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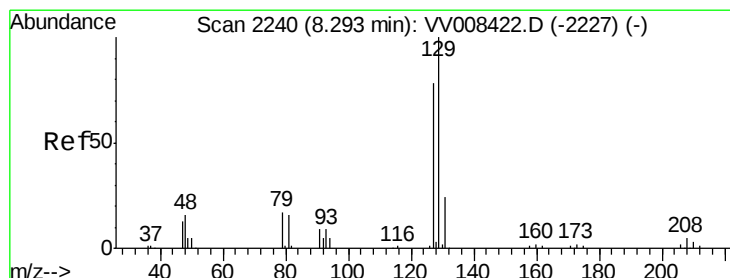
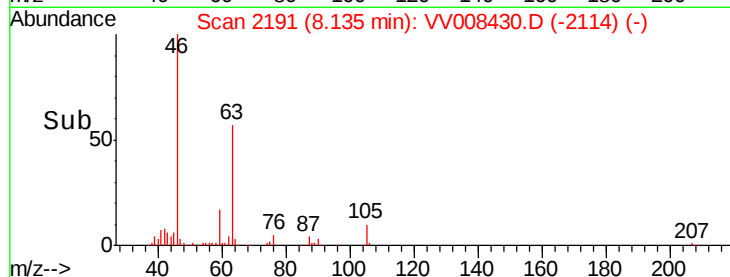
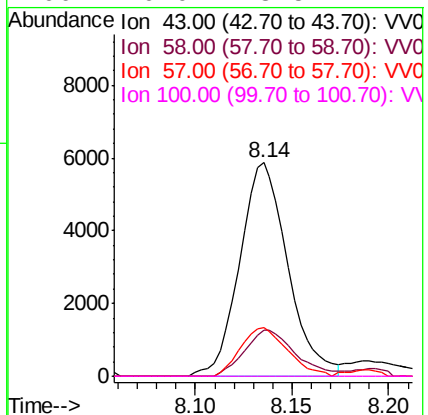
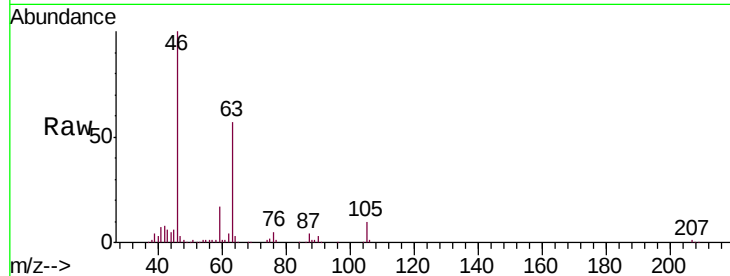
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#48
2-Hexanone
Concen: 5.703 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008430.D
Acq: 26 Oct 2018 14:03

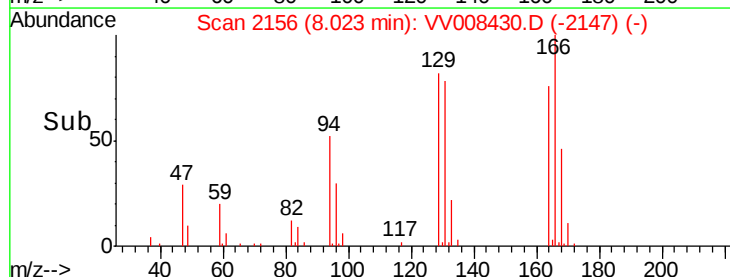
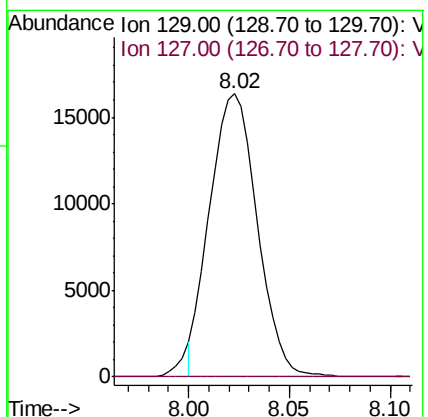
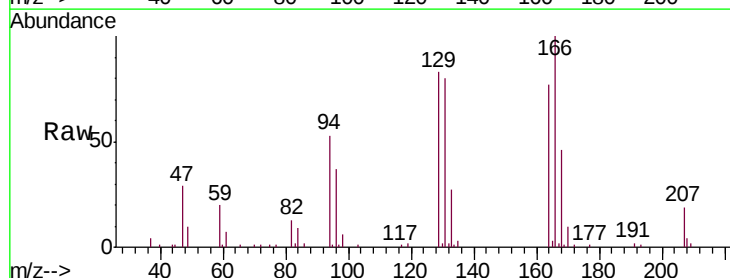
Instrument :
MSVOA_V
ClientSampleId :
ETBX5

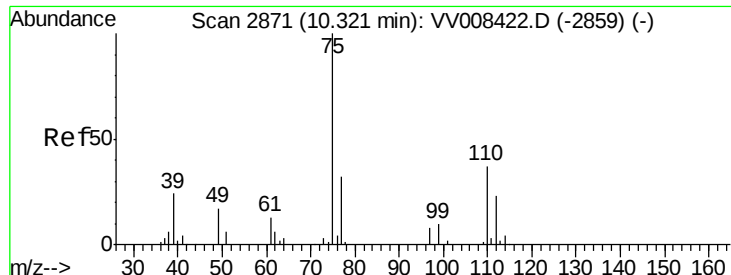
Tgt Ion: 43 Resp: 10165
Ion Ratio Lower Upper
43 100
58 22.9 42.6 63.8#
57 22.0 14.8 22.2
100 0.0 8.5 12.7#



#49
Dibromochloromethane
Concen: 18.057 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008430.D
Acq: 26 Oct 2018 14:03

Tgt Ion: 129 Resp: 26765
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#59

1,2,3-Trichloropropane

Concen: 4.863 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008430.D

Acq: 26 Oct 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

ETBX5

Tgt Ion: 75 Resp: 9508

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.8#

