

Data File : VV008449.D
Acq On : 29 Oct 2018 13:32
Operator : SY/MD
Sample : J5669-05RE
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX5RE

Quant Time: Oct 30 07:43:44 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	197505	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51984	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.08%
7) Chloroethane-d5	1.56	69	40207	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.84%
11) 1,1-Dichloroethene-d2	2.13	63	70666	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	3.93	46	117354	98.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	4.41	84	129409	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.09	65	90727	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.62%
32) Benzene-d6	5.10	84	262706	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	90267	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.36	98	237183	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.67	79	42819	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.78%
47) 2-Hexanone-d5	8.14	63	89568	96.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120928	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	78896	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

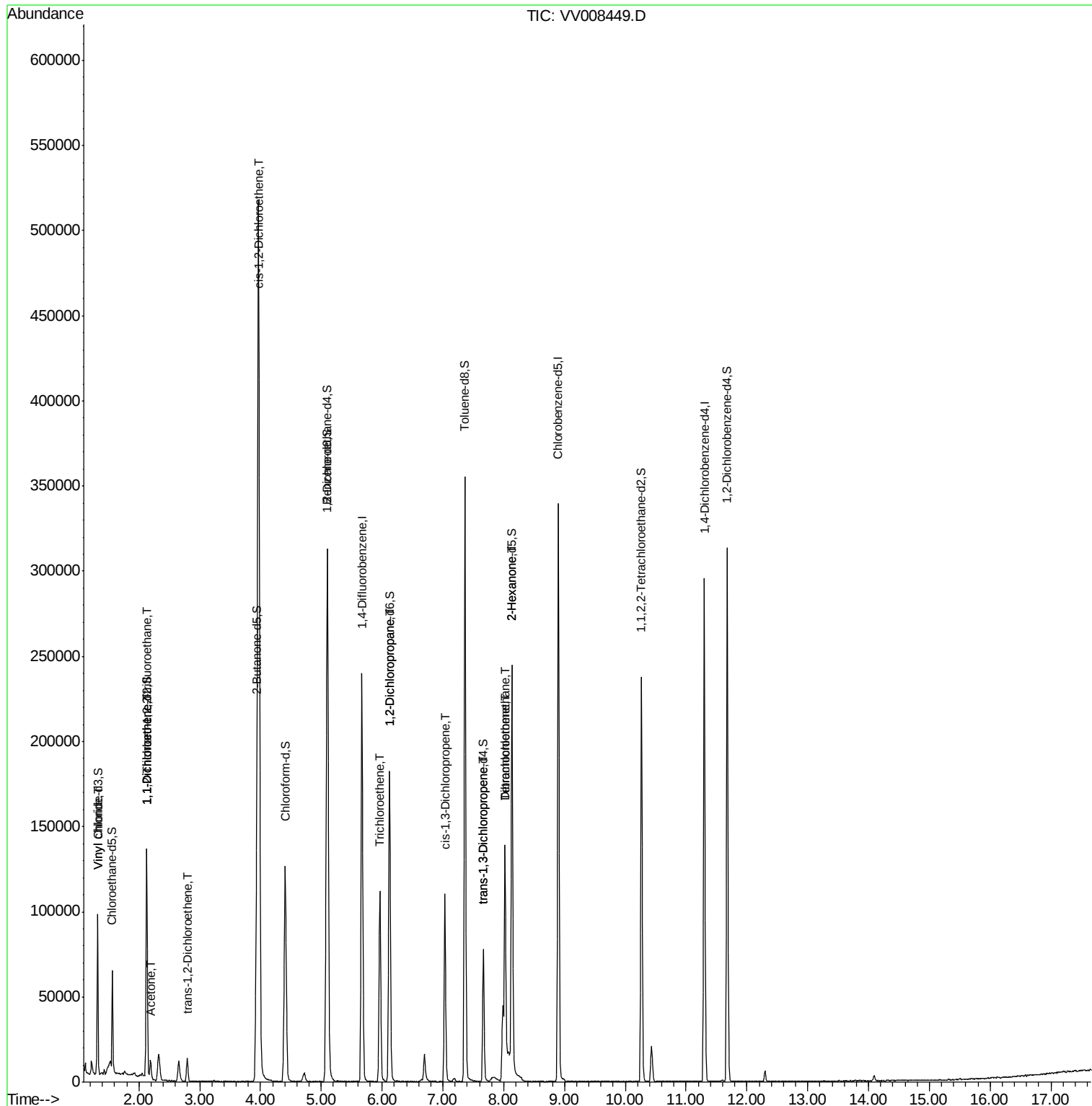
						Qvalue
5) Vinyl chloride	1.33	62	3292	2.352	ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	548	0.582	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1171	1.321	ug/L #	1
13) Acetone	2.19	43	8947	9.700	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	5056	3.743	ug/L	93
20) cis-1,2-Dichloroethene	3.97	96	279247	181.453	ug/L	94
34) Trichloroethene	5.96	95	40768	27.001	ug/L	99
37) 1,2-Dichloropropane	6.12	63	9854	6.050	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2549	0.995	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1882	0.786	ug/L #	78
46) Tetrachloroethene	8.02	164	26419	26.840	ug/L	99
48) 2-Hexanone	8.14	43	10067	5.409	ug/L #	67
49) Dibromochloromethane	8.02	129	27239	17.601	ug/L #	10

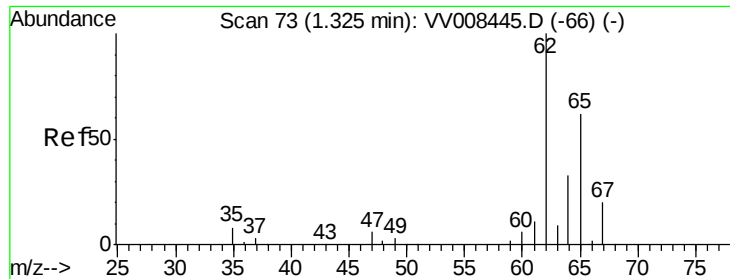
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.352 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

Instrument :

MSVOA_V

ClientSampleId :

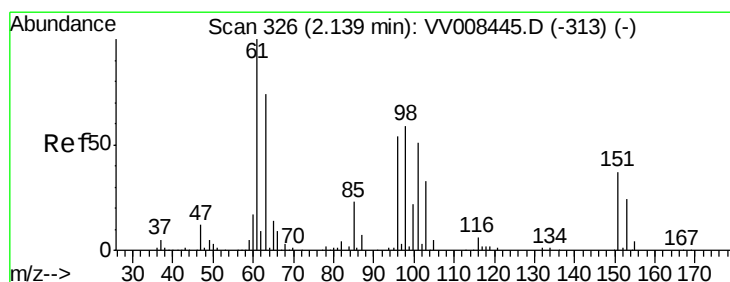
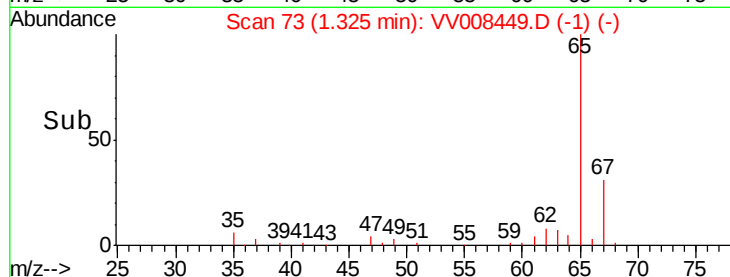
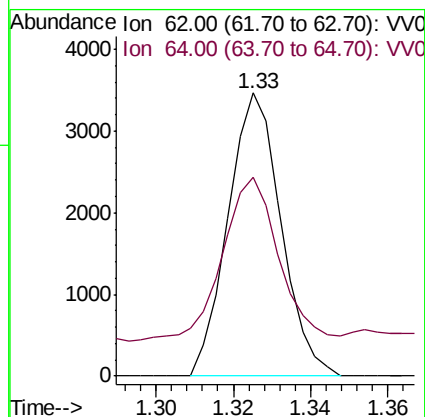
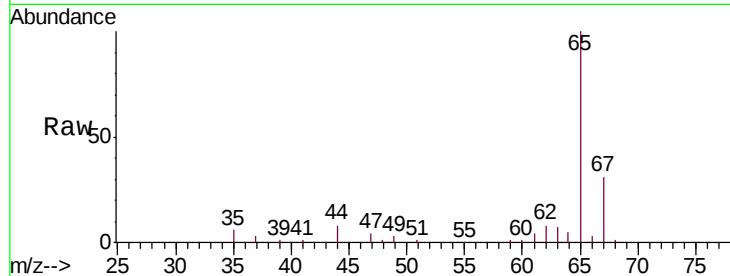
ETBX5RE

Tgt Ion: 62 Resp: 3292

Ion Ratio Lower Upper

62 100

64 70.1 24.4 45.4#



#10

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

Concen: 0.582 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

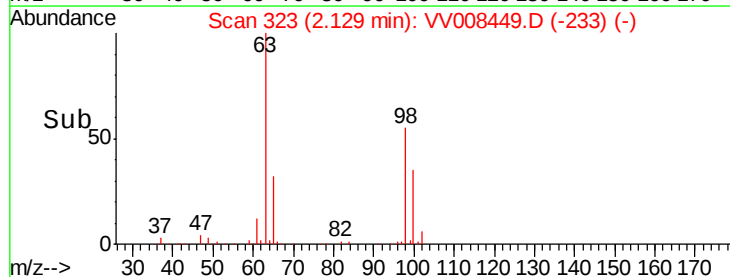
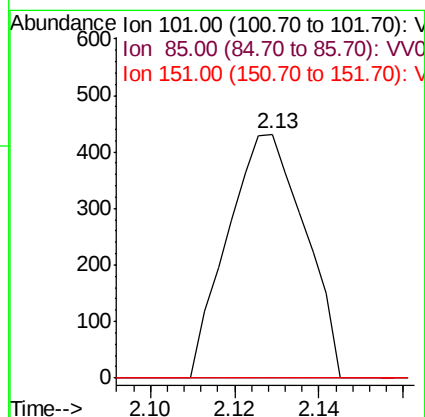
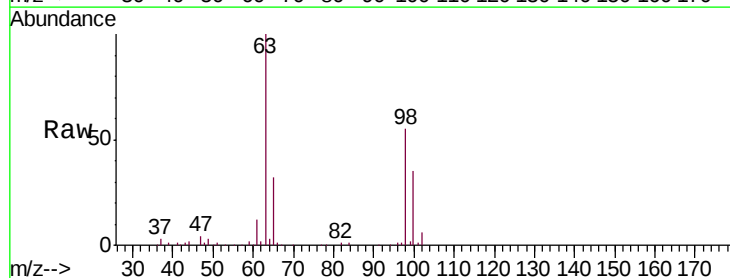
Tgt Ion: 101 Resp: 548

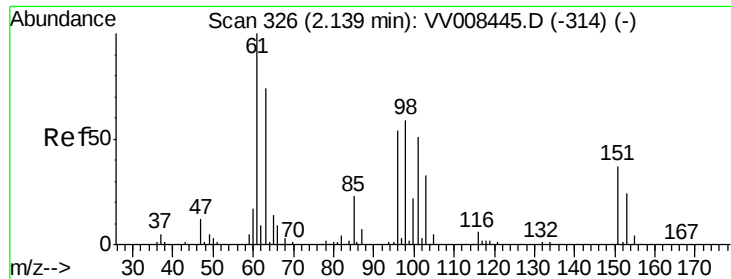
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#

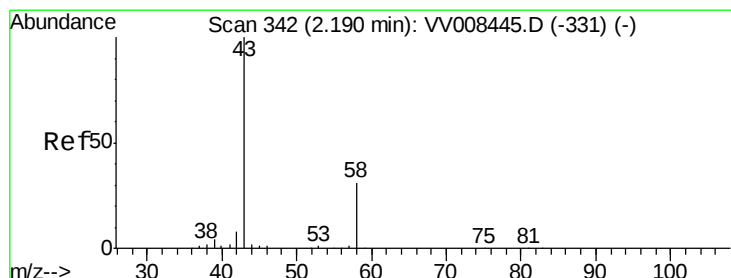
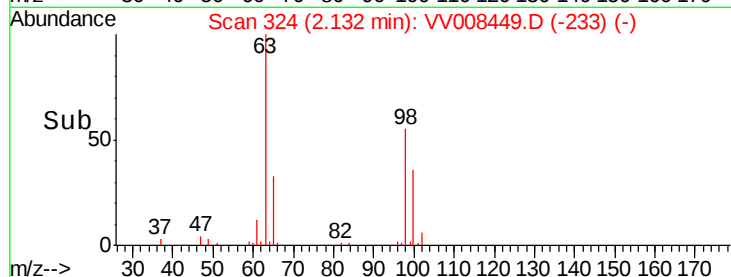
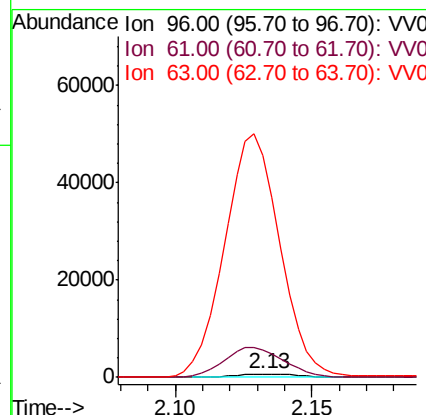
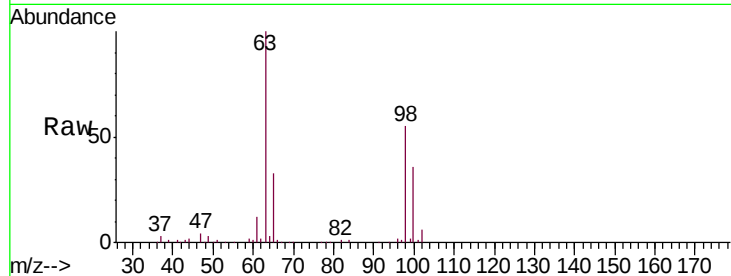




#12
 1,1-Dichloroethene
 Concen: 1.321 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

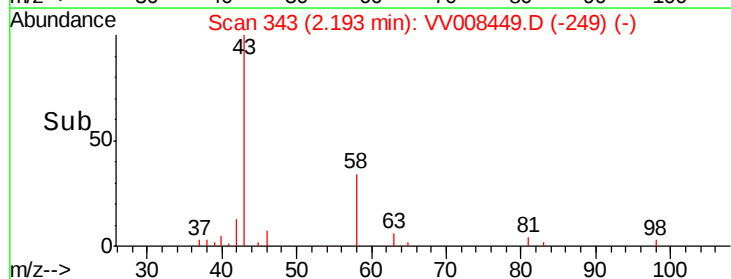
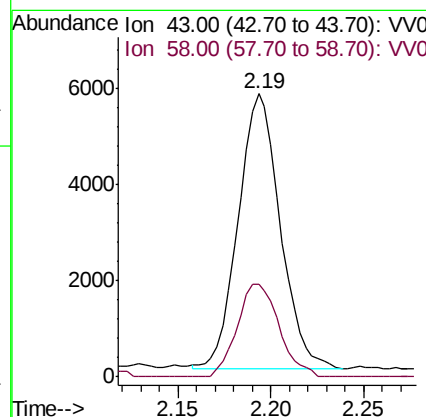
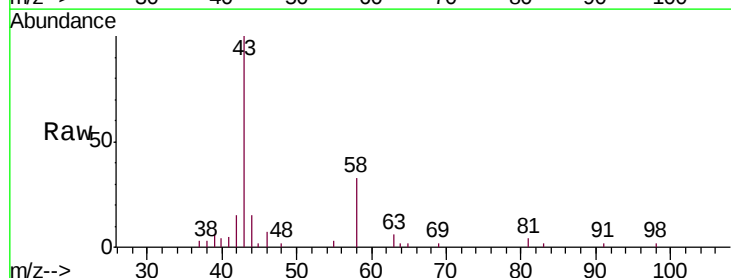
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBX5RE

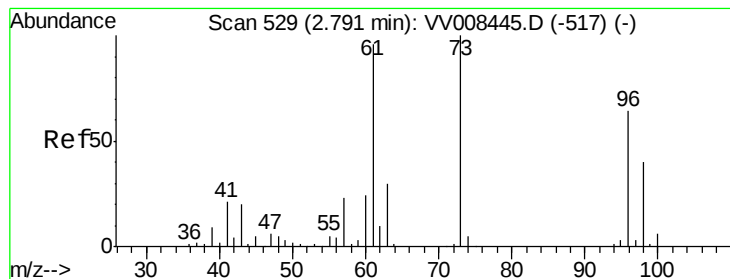
Tgt Ion: 96 Resp: 1171
 Ion Ratio Lower Upper
 96 100
 61 810.5 130.3 242.1#
 63 6505.8 84.4 156.8#



#13
 Acetone
 Concen: 9.700 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

Tgt Ion: 43 Resp: 8947
 Ion Ratio Lower Upper
 43 100
 58 33.8 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 3.743 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

Instrument :

MSVOA_V

ClientSampleId :

ETBX5RE

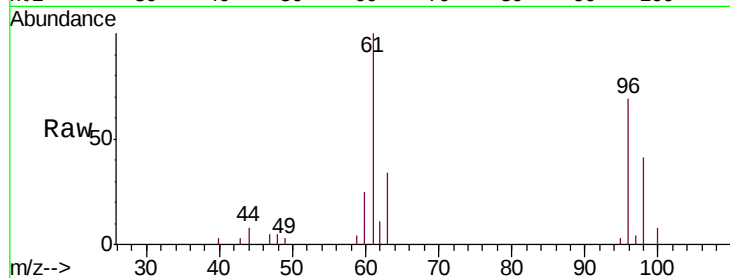
Tgt Ion: 96 Resp: 5056

Ion Ratio Lower Upper

96 100

61 145.1 108.6 201.6

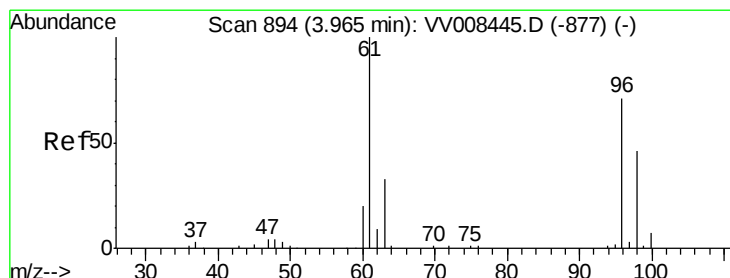
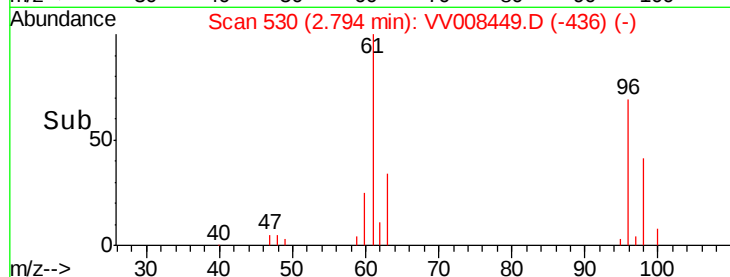
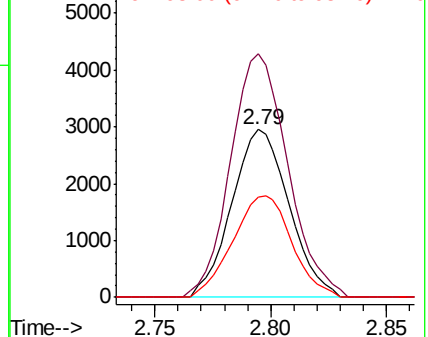
98 60.1 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 181.453 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

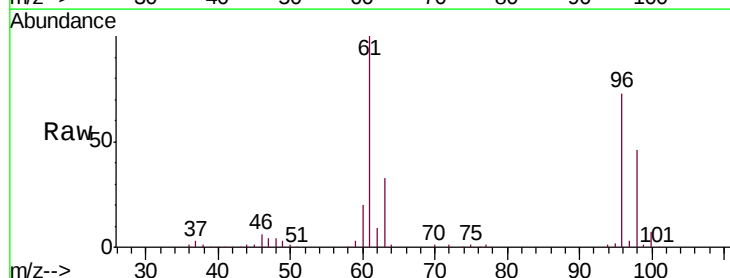
Tgt Ion: 96 Resp: 279247

Ion Ratio Lower Upper

96 100

61 136.6 100.9 187.5

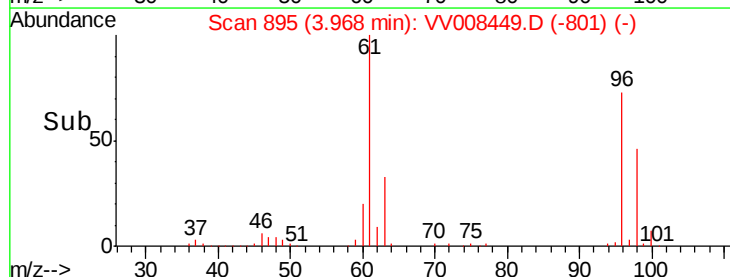
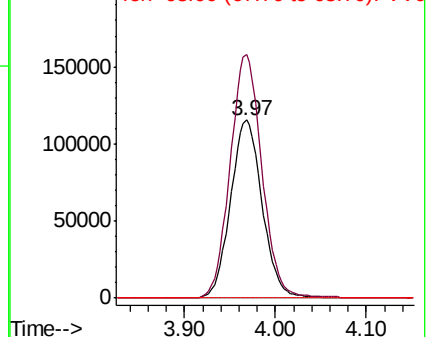
68 0.0 0.0 0.0

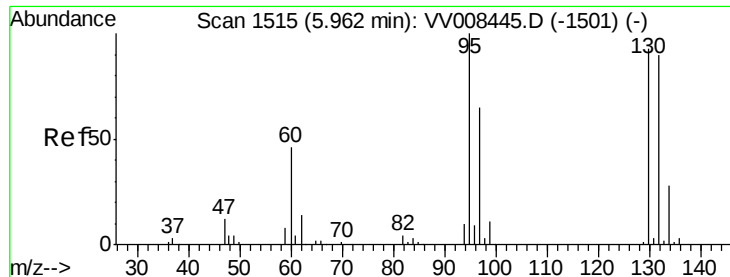


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

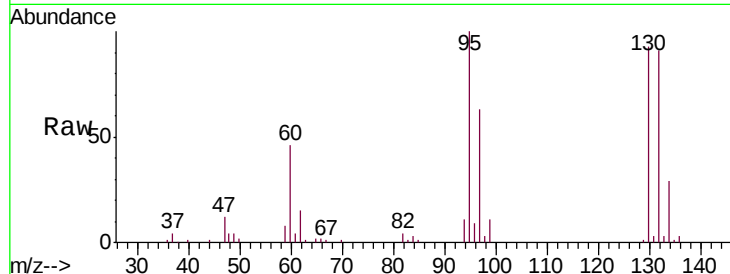




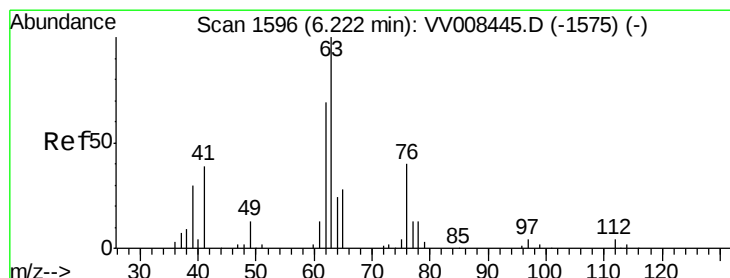
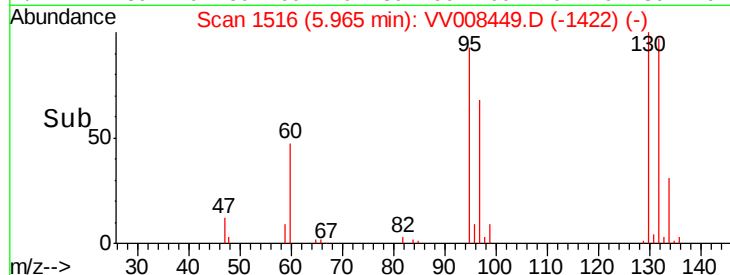
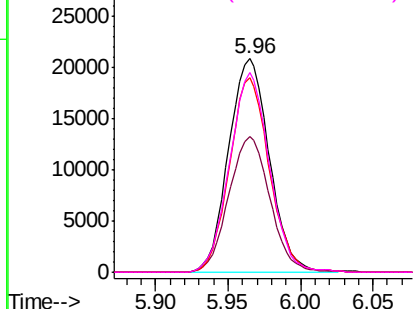
#34
 Trichloroethene
 Concen: 27.001 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBX5RE

Tgt Ion: 95 Resp: 40768
 Ion Ratio Lower Upper
 95 100
 97 63.4 45.2 84.0
 132 90.9 63.8 118.6
 130 93.5 64.7 120.1

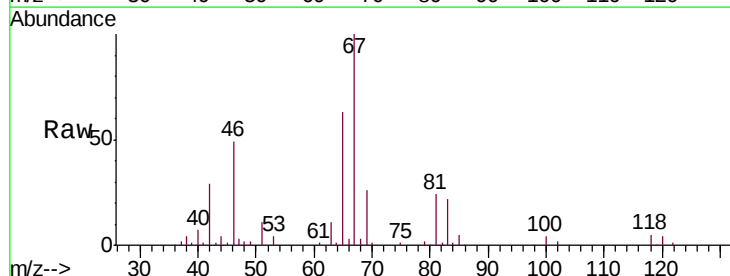


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

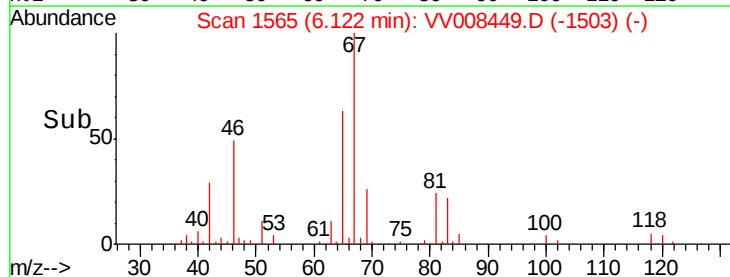
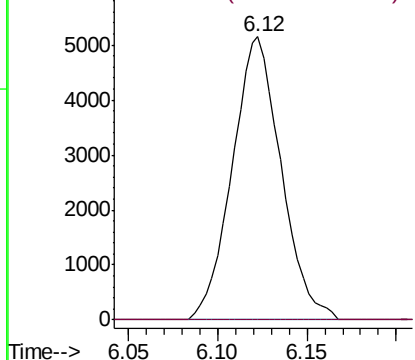


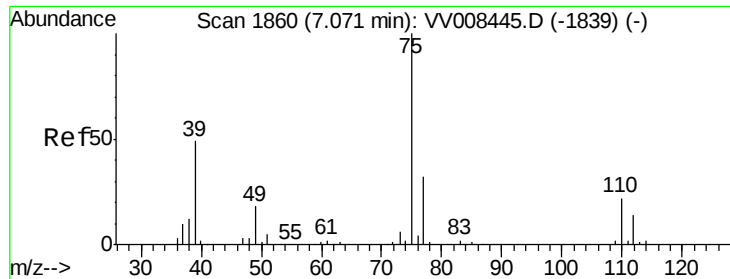
#37
 1,2-Dichloropropane
 Concen: 6.050 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

Tgt Ion: 63 Resp: 9854
 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): VV0

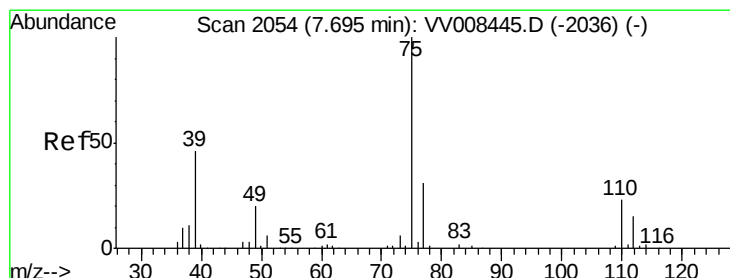
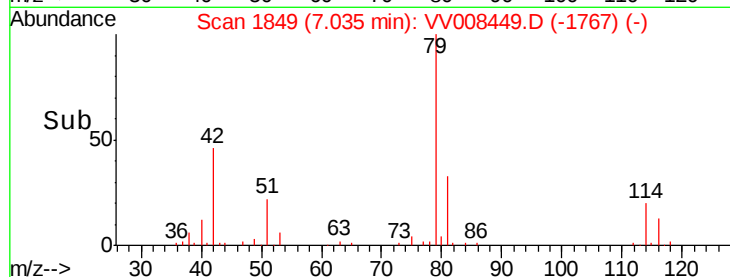
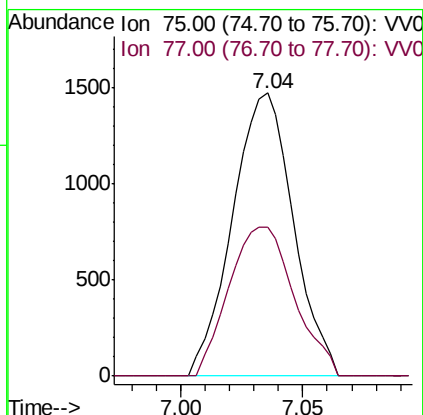
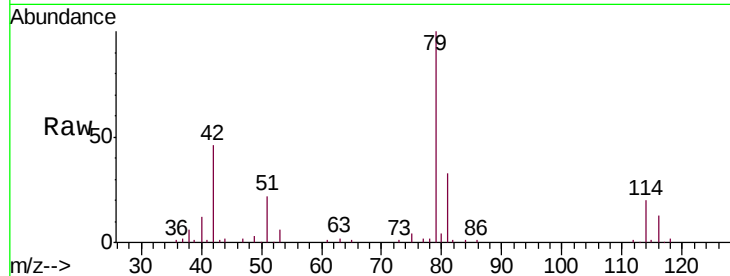




#39
 cis-1,3-Dichloropropene
 Concen: 0.995 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

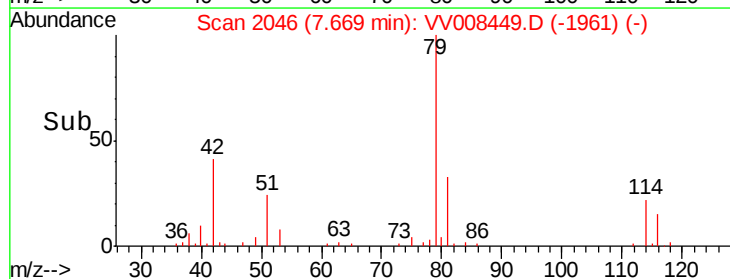
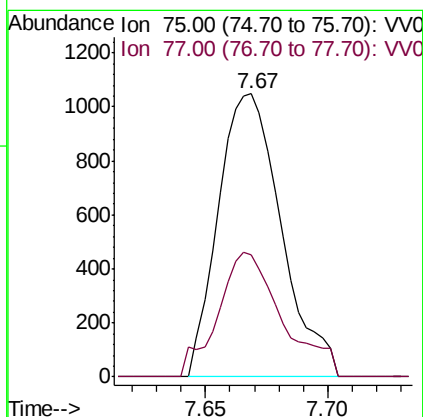
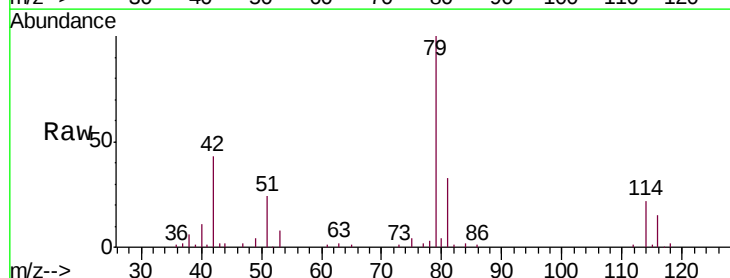
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBX5RE

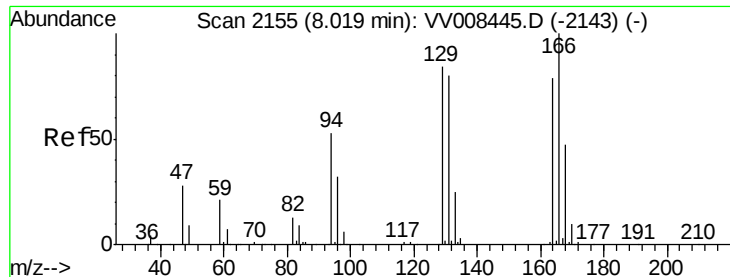
Tgt Ion: 75 Resp: 2549
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.786 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008449.D
 Acq: 29 Oct 2018 13:32

Tgt Ion: 75 Resp: 1882
 Ion Ratio Lower Upper
 75 100
 77 43.2 21.8 40.4#





#46

Tetrachloroethene

Concen: 26.840 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

Instrument :

MSVOA_V

ClientSampleId :

ETBX5RE

Tgt Ion:164 Resp: 26419

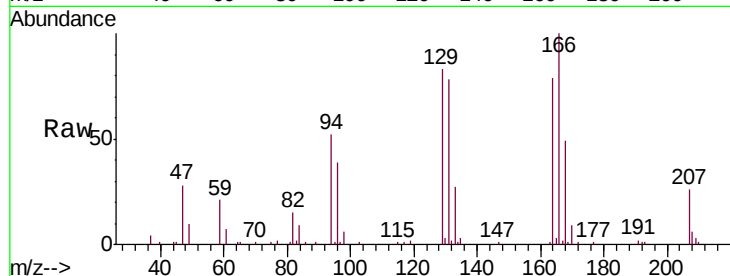
Ion Ratio Lower Upper

164 100

129 105.8 75.0 139.2

131 98.9 71.3 132.3

166 127.4 89.2 165.6



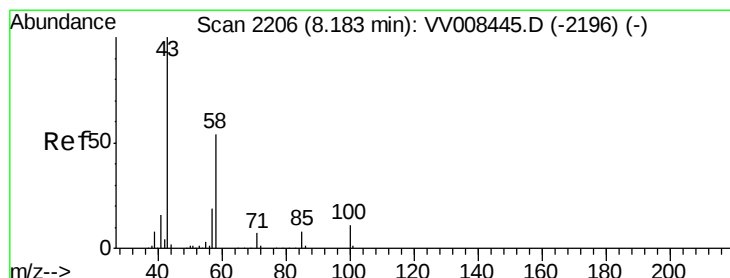
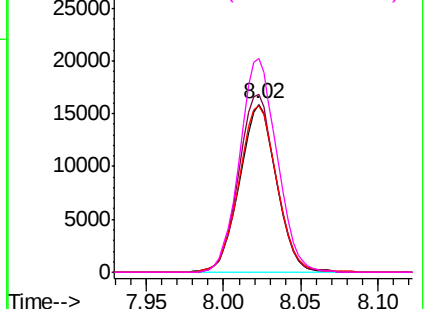
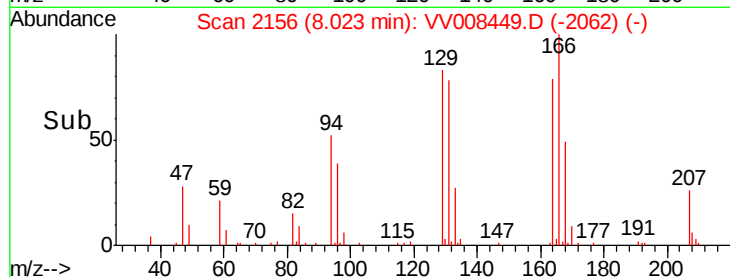
Abundance

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



#48

2-Hexanone

Concen: 5.409 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

Tgt Ion: 43 Resp: 10067

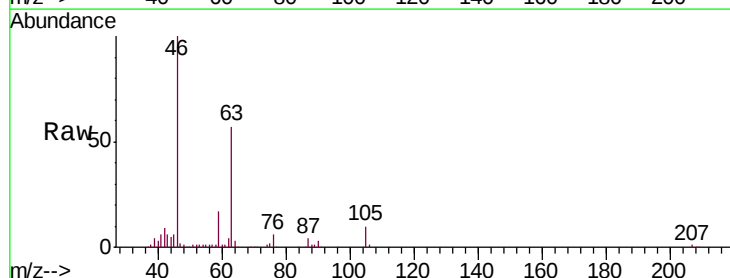
Ion Ratio Lower Upper

43 100

58 23.3 42.6 63.8#

57 22.2 14.8 22.2

100 0.0 8.5 12.7#



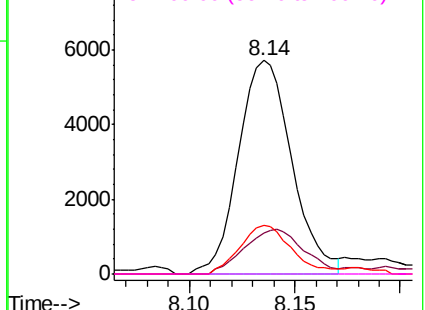
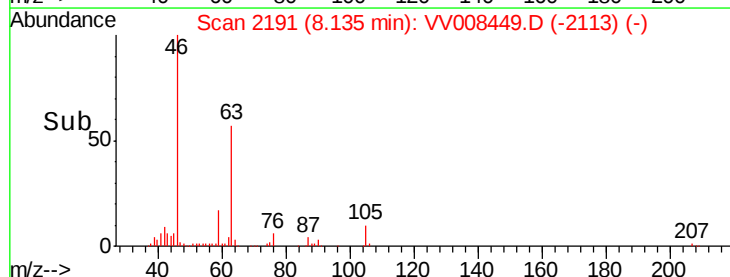
Abundance

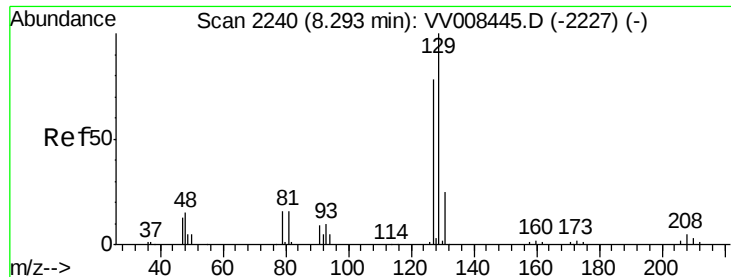
Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 17.601 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008449.D

Acq: 29 Oct 2018 13:32

Instrument :

MSVOA_V

ClientSampleId :

ETBX5RE

Tgt Ion:129 Resp: 27239

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#

