

Data File : VV008510.D
Acq On : 01 Nov 2018 13:33
Operator : SY/MD
Sample : J5726-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX3

Quant Time: Nov 02 07:14:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210754	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57974	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.52%
7) Chloroethane-d5	1.56	69	42112	56.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.88%
11) 1,1-Dichloroethene-d2	2.13	63	75579	35.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.22%
21) 2-Butanone-d5	3.94	46	125142	96.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.47%
24) Chloroform-d	4.41	84	136299	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.09	65	94497	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
32) Benzene-d6	5.10	84	276131	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.12	67	93139	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.36	98	248767	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.67	79	45794	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.14	63	93496	94.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	127274	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	86677	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

Target Compounds

					Qvalue
8) Chloroethane	1.33	64	10598	14.204 ug/L	96
9) Trichlorofluoromethane	2.13	101	677	0.384 ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	677	0.716 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	624	0.716 ug/L #	1
13) Acetone	2.19	43	4707	4.385 ug/L	95
35) Methylcyclohexane	6.12	83	21855	8.578 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10152	6.326 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2613	1.041 ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	1976	0.838 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	10452	5.069 ug/L	89

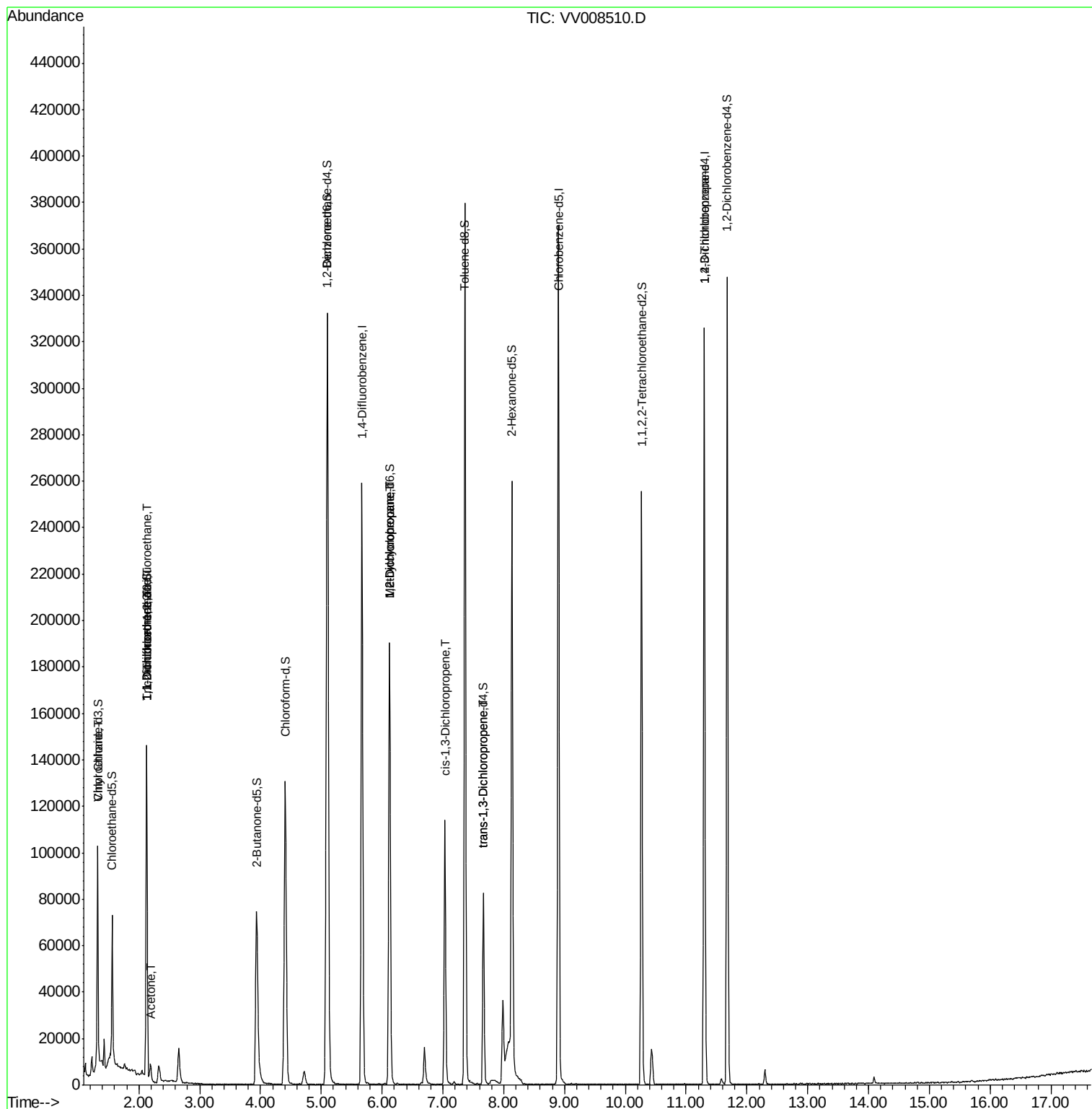
(#) = qualifier out of range (m) = manual integration (+) = signals summed

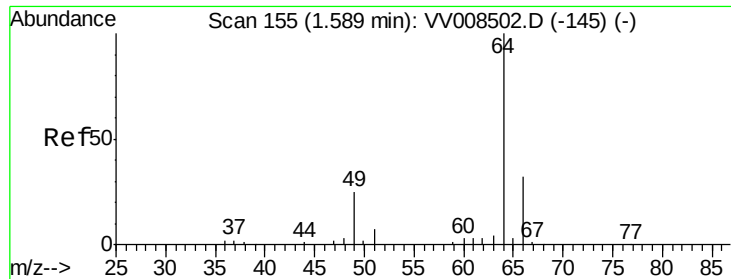
Data File : VV008510.D

```
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Instrument :
MSVOA_V
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Quant Time: Nov 02 07:14:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 02 07:10:33 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 14.204 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.26 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

Instrument :

MSVOA_V

ClientSampled :

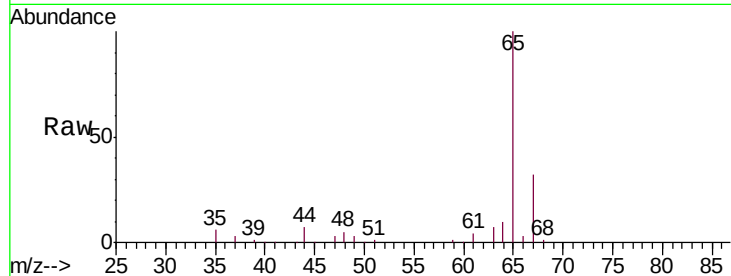
ETBX3

Tgt Ion: 64 Resp: 10598

Ion Ratio Lower Upper

64 100

66 30.4 19.9 36.9

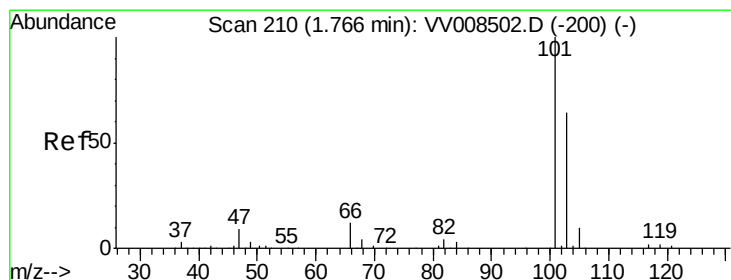
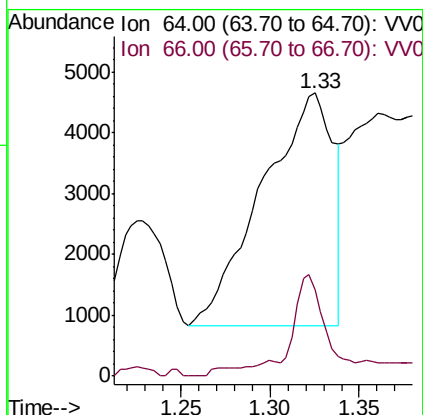
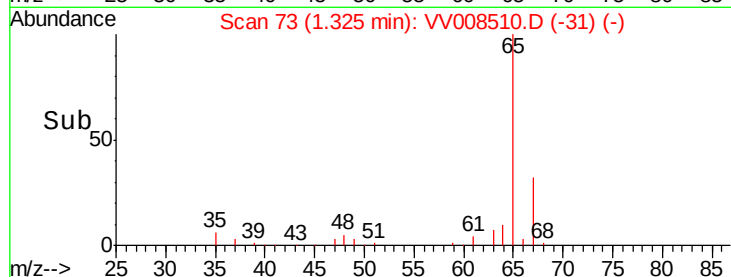


Abundance Ion 64.00 (63.70 to 64.70): VV008510.D (-145) (-)

Ion 66.00 (65.70 to 66.70): VV008510.D (-145) (-)

1.33

Time-->



#9

Trichlorofluoromethane

Concen: 0.384 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008510.D

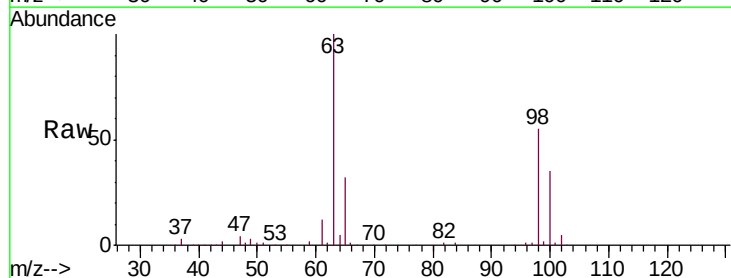
Acq: 01 Nov 2018 13:33

Tgt Ion: 101 Resp: 677

Ion Ratio Lower Upper

101 100

103 10.0 51.0 76.6#

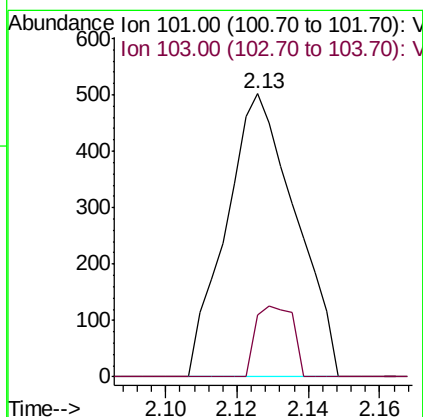
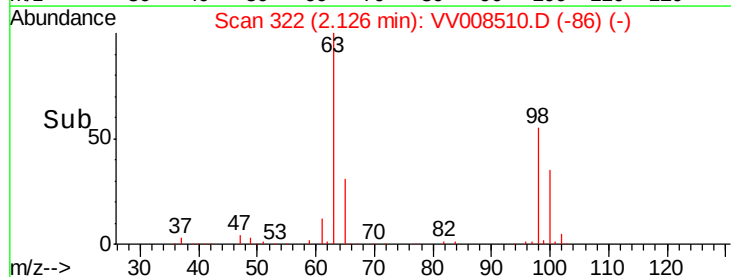


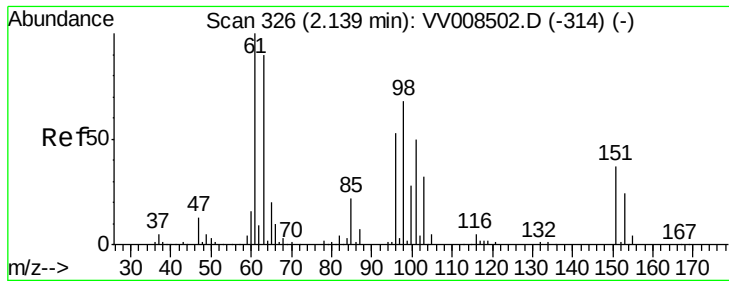
Abundance Ion 101.00 (100.70 to 101.70): VV008510.D (-86) (-)

Ion 103.00 (102.70 to 103.70): VV008510.D (-86) (-)

2.13

Time-->





#10

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

Concen: 0.716 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

ETBX3

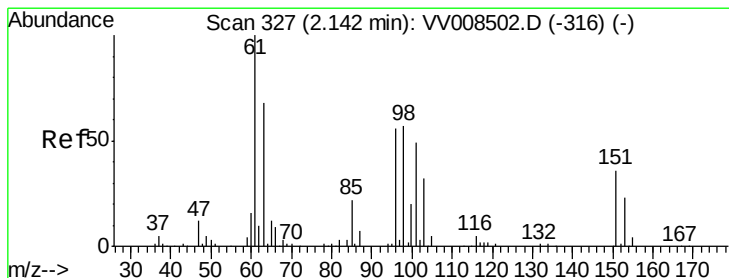
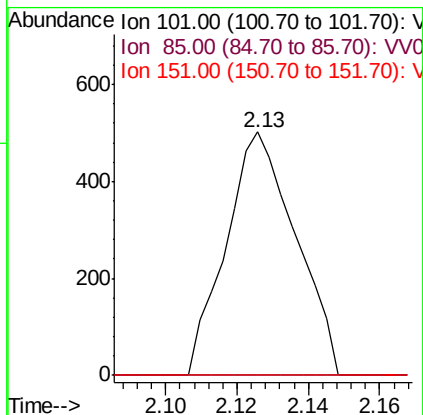
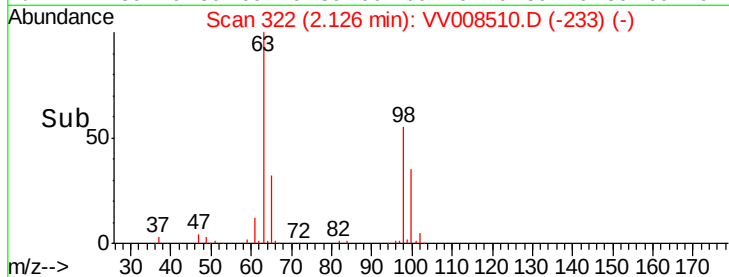
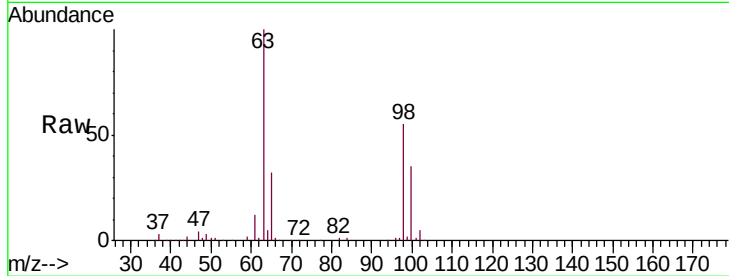
Tgt Ion:101 Resp: 677

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: 0.716 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

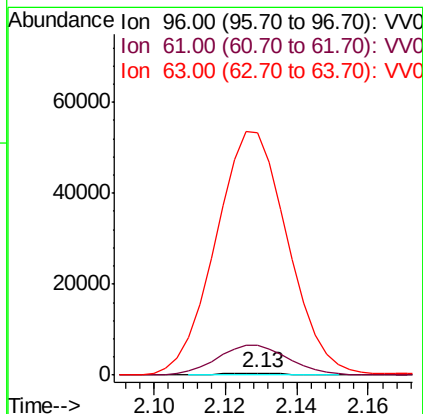
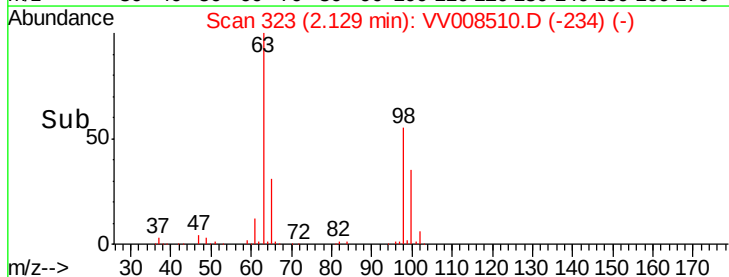
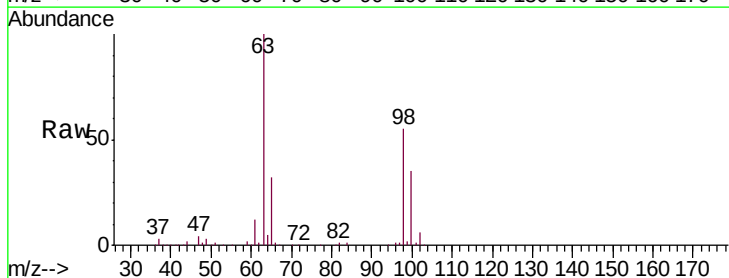
Tgt Ion: 96 Resp: 624

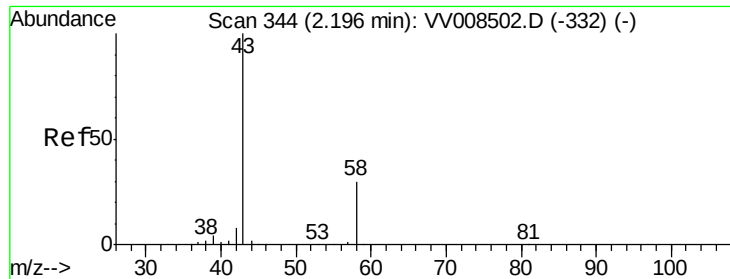
Ion Ratio Lower Upper

96 100

61 1348.3 130.3 242.1#

63 11125.0 84.4 156.8#





#13

Acetone

Concen: 4.385 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

Instrument :

MSVOA_V

ClientSampleId :

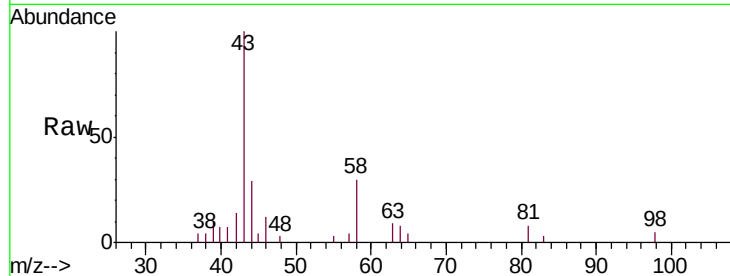
ETBX3

Tgt Ion: 43 Resp: 4707

Ion Ratio Lower Upper

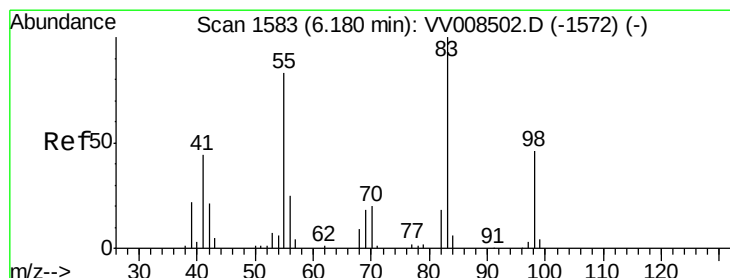
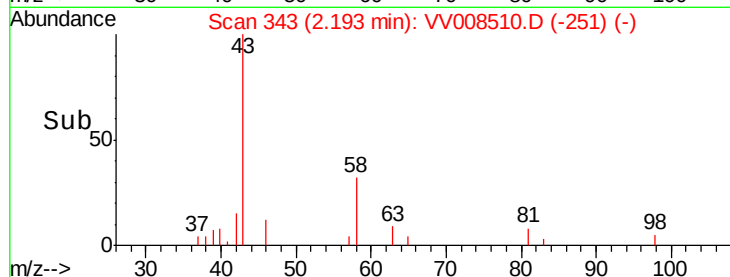
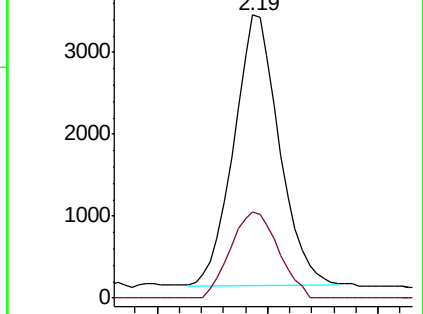
43 100

58 33.7 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008510.D (-251) (-)

Ion 58.00 (57.70 to 58.70): VV008510.D (-251) (-)



#35

Methylcyclohexane

Concen: 8.578 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

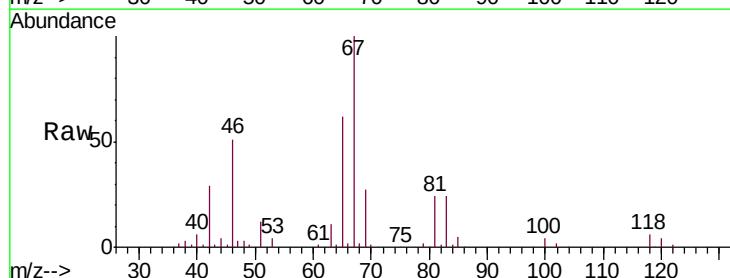
Tgt Ion: 83 Resp: 21855

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

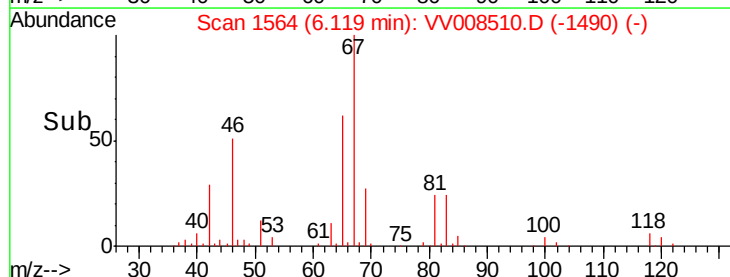
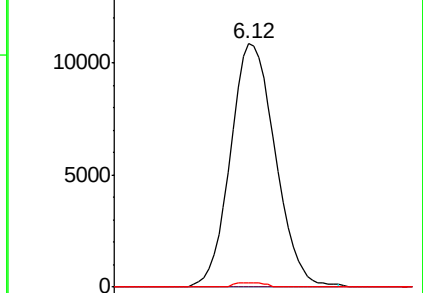
98 1.1 36.0 54.0#

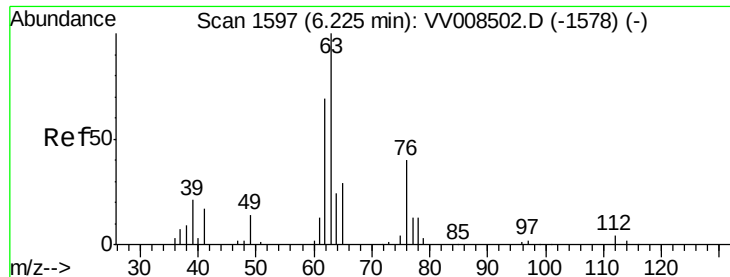


Abundance Ion 83.00 (82.70 to 83.70): VV008510.D (-1490) (-)

Ion 55.00 (54.70 to 55.70): VV008510.D (-1490) (-)

Ion 98.00 (97.70 to 98.70): VV008510.D (-1490) (-)

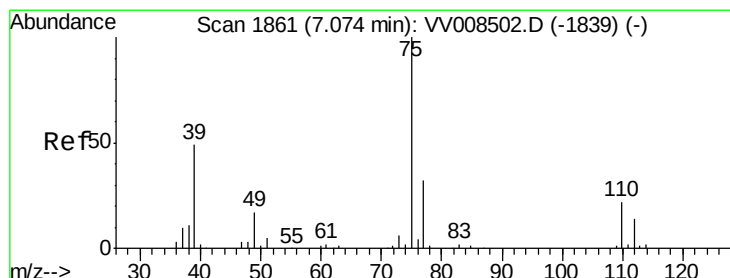
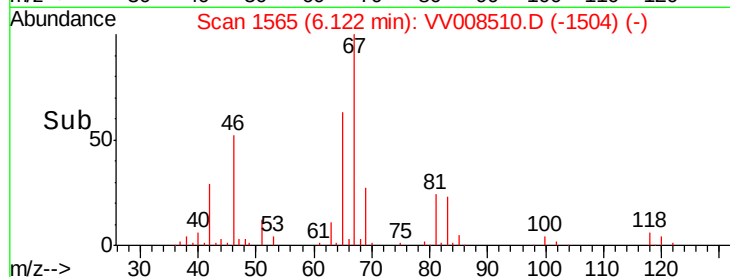
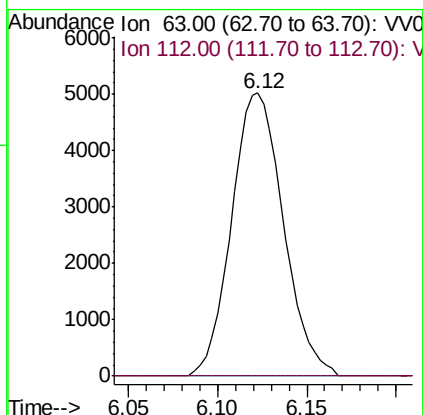
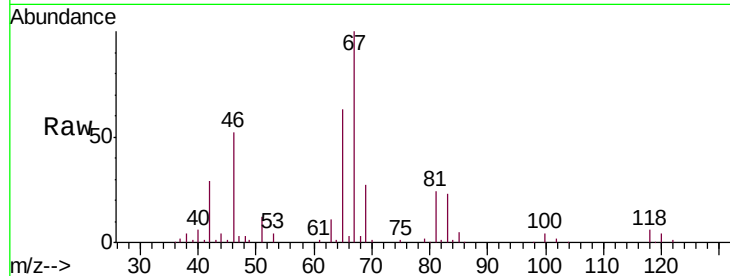




#37
 1,2-Dichloropropane
 Concen: 6.326 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008510.D
 Acq: 01 Nov 2018 13:33

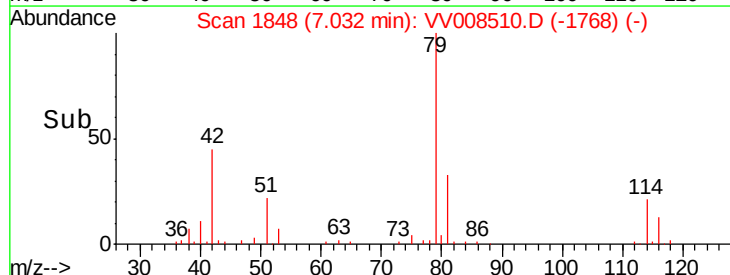
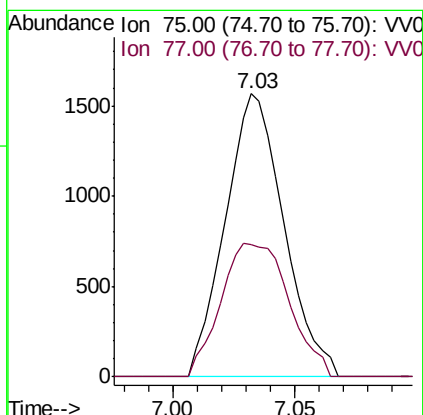
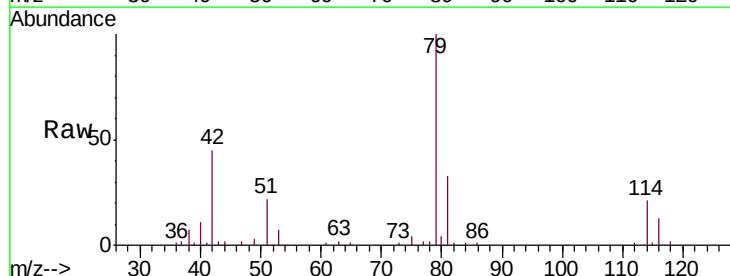
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBX3

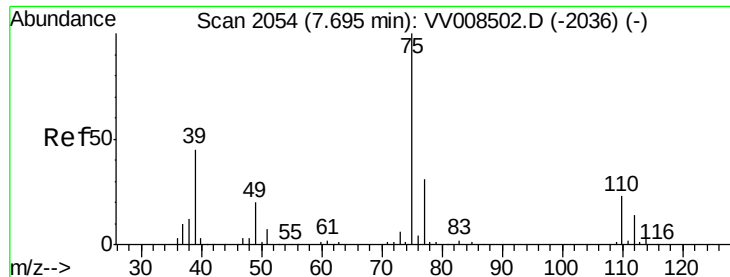
Tgt Ion: 63 Resp: 10152
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.041 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008510.D
 Acq: 01 Nov 2018 13:33

Tgt Ion: 75 Resp: 2613
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

Instrument :

MSVOA_V

ClientSampled :

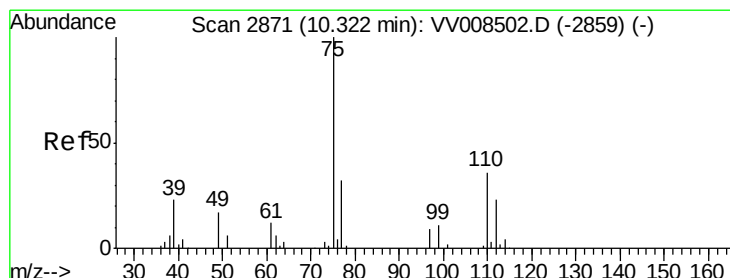
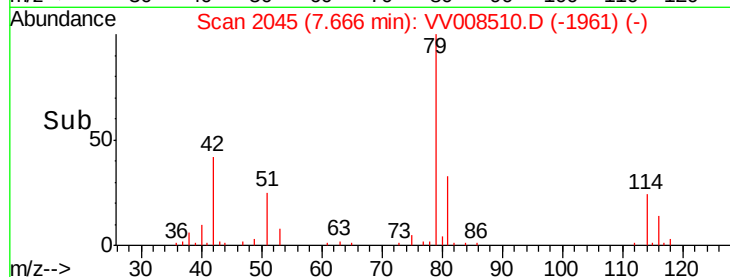
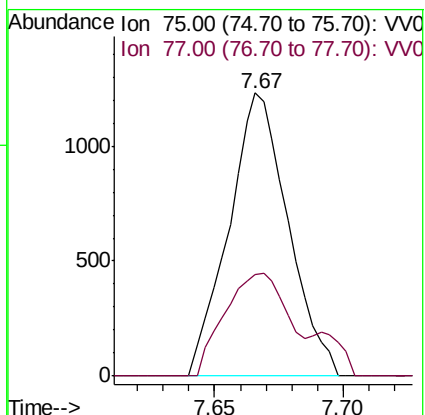
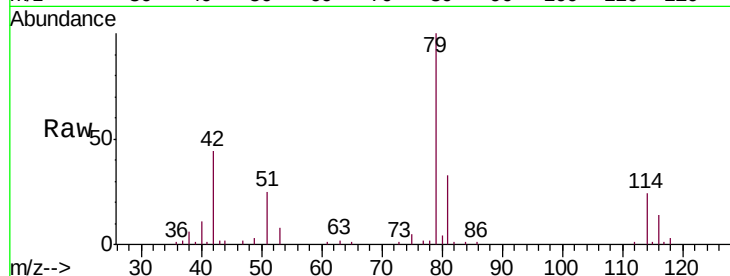
ETBX3

Tgt Ion: 75 Resp: 1976

Ion Ratio Lower Upper

75 100

77 35.7 21.8 40.4



#59

1,2,3-Trichloropropane

Concen: 5.069 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008510.D

Acq: 01 Nov 2018 13:33

Tgt Ion: 75 Resp: 10452

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.8

