

Data File : VV008429.D
Acq On : 26 Oct 2018 13:40
Operator : SY/MD
Sample : J5669-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBX8

Quant Time: Oct 27 04:46:19 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	199498	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53945	48.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.68%
7) Chloroethane-d5	1.56	69	39377	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.74%
11) 1,1-Dichloroethene-d2	2.13	63	72728	36.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.90%
21) 2-Butanone-d5	3.94	46	116349	96.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.41	84	128029	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.09	65	90674	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.10	84	265608	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.12	67	90605	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.36	98	240975	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.67	79	43827	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.14	63	89840	95.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.61%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116346	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	78035	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%

Target Compounds

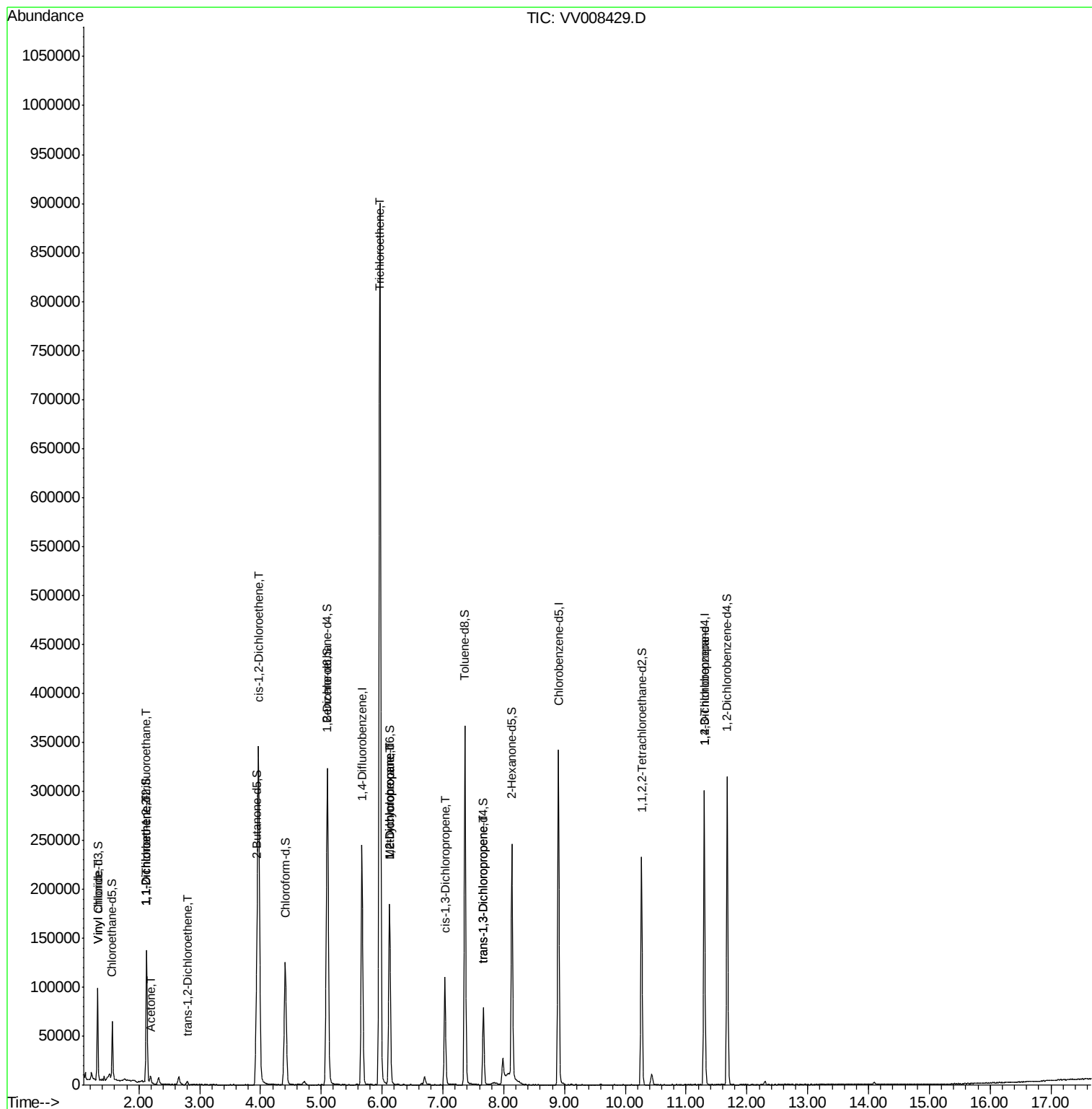
						Qvalue
5) Vinyl chloride	1.33	62	2947	2.084	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	626	0.658	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1177	1.315	ug/L #	1
13) Acetone	2.19	43	5210	5.592	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	1353	0.992	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	181982	117.069	ug/L	93
34) Trichloroethene	5.96	95	328275	215.612	ug/L	99
35) Methylcyclohexane	6.12	83	20450	7.900	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9755	5.939	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2411	0.934	ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	1747	0.723	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	9997	4.857	ug/L	92

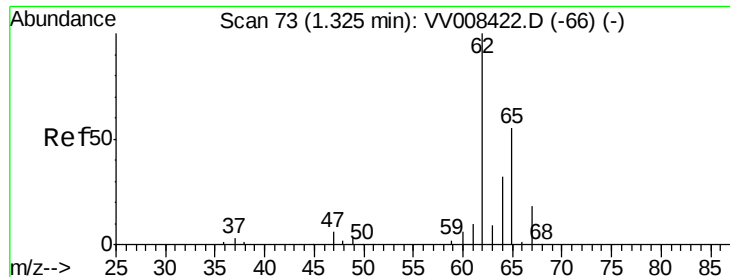
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.084 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

Instrument :

MSVOA_V

ClientSampleId :

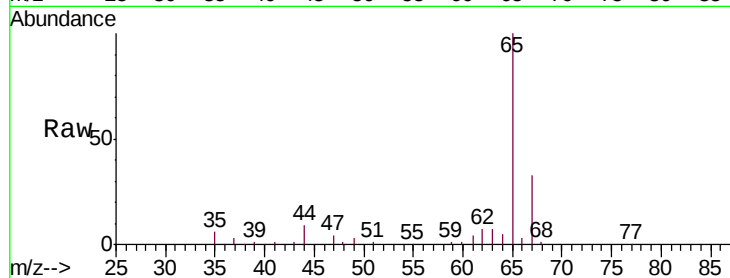
ETBX8

Tgt Ion: 62 Resp: 2947

Ion Ratio Lower Upper

62 100

64 71.3 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) (-)

1.33

3000

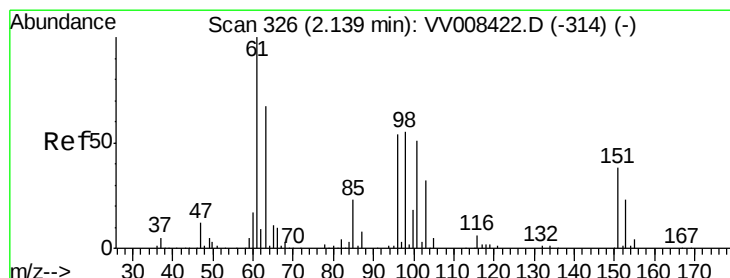
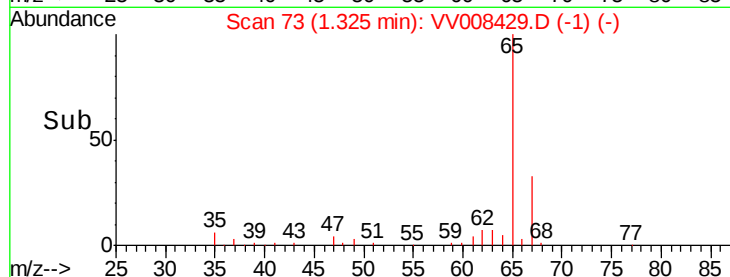
2000

1000

0

1.30 1.32 1.34 1.36

Time-->



#10

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

Concen: 0.658 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

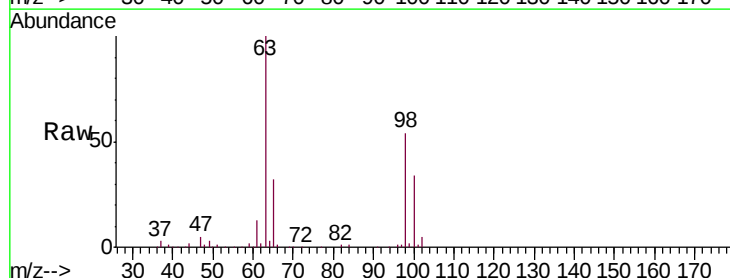
Tgt Ion: 101 Resp: 626

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): VV008422.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV008422.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV008422.D (-314) (-)

2.13

600

500

400

300

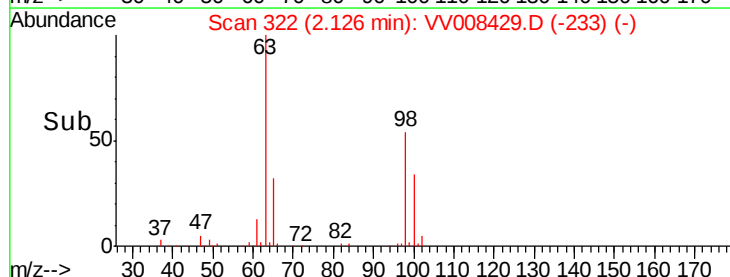
200

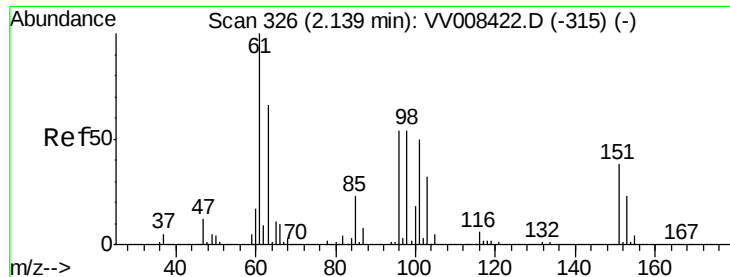
100

0

2.10 2.12 2.14

Time-->





#12

1,1-Dichloroethene

Concen: 1.315 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

Instrument :

MSVOA_V

ClientSampleId :

ETBX8

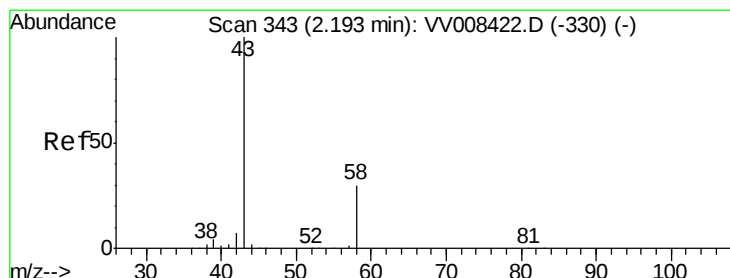
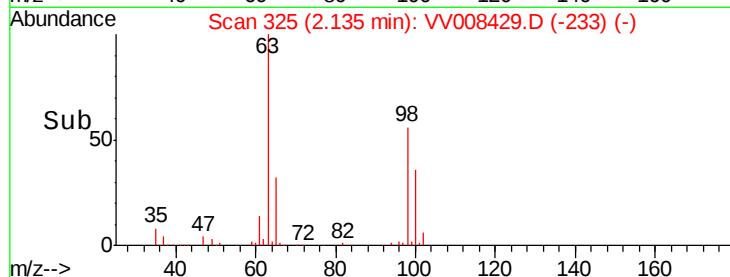
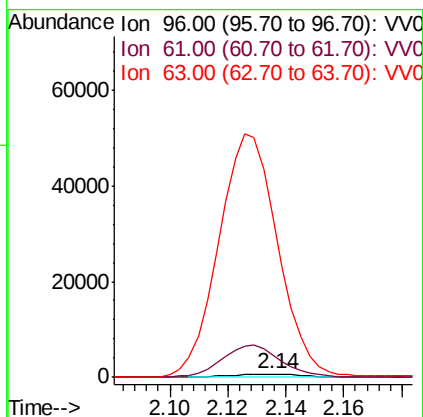
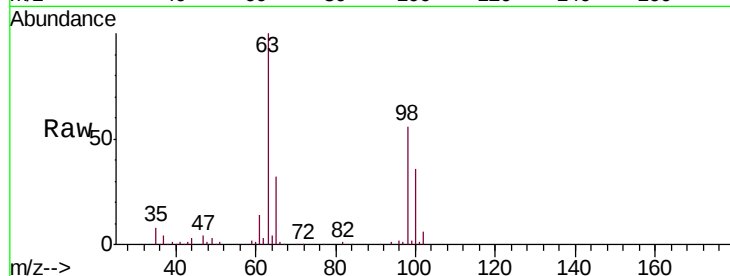
Tgt Ion: 96 Resp: 1177

Ion Ratio Lower Upper

96 100

61 729.9 130.3 242.1#

63 5217.4 84.4 156.8#



#13

Acetone

Concen: 5.592 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008429.D

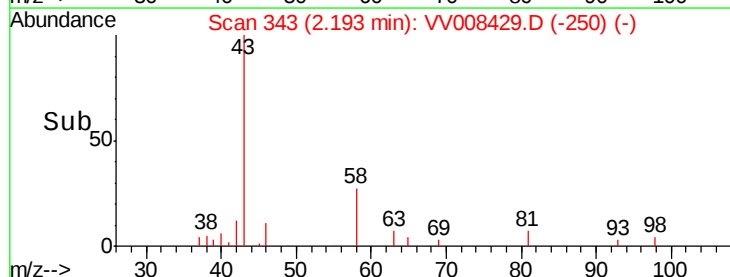
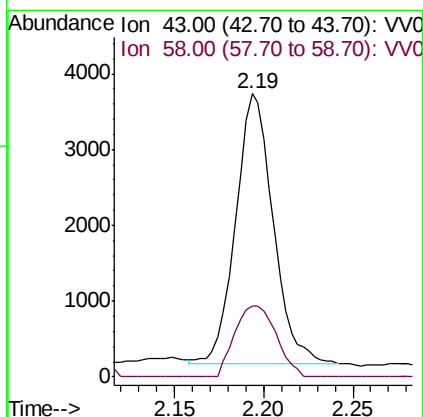
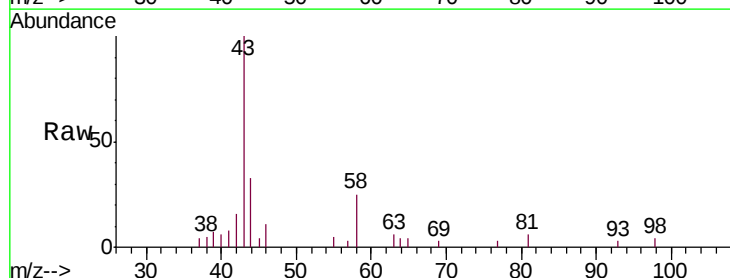
Acq: 26 Oct 2018 13:40

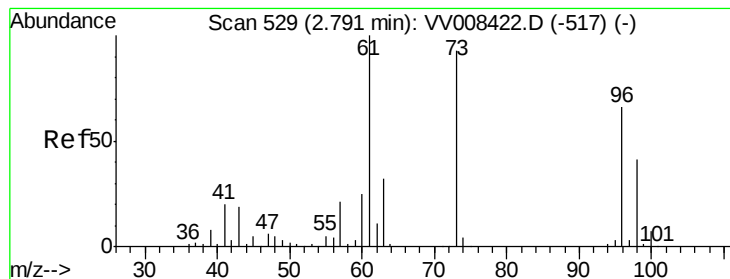
Tgt Ion: 43 Resp: 5210

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.4





#17

trans-1,2-Dichloroethene

Concen: 0.992 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

Instrument :

MSVOA_V

ClientSampleId :

ETBX8

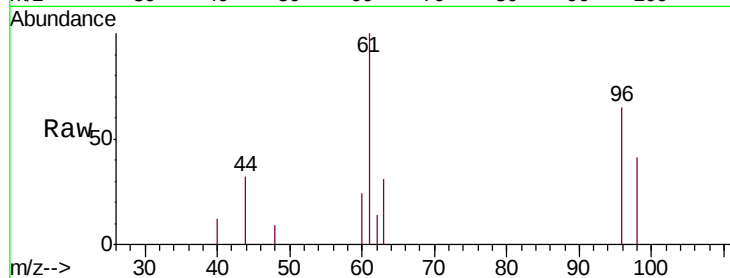
Tgt Ion: 96 Resp: 1353

Ion Ratio Lower Upper

96 100

61 154.1 108.6 201.6

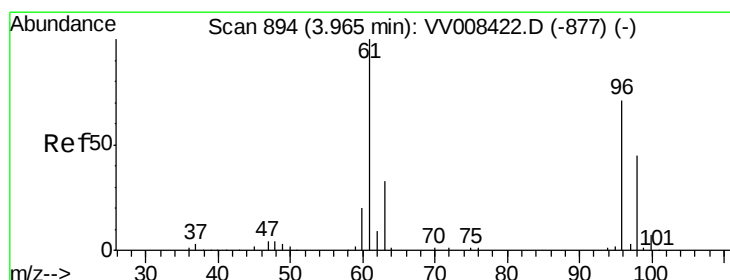
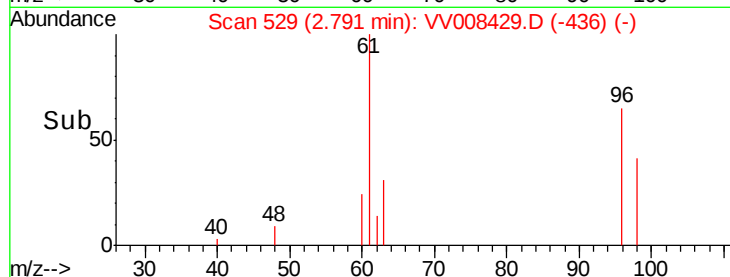
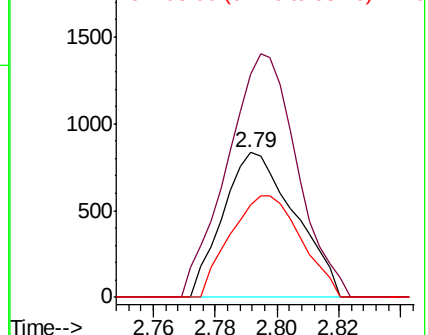
98 63.6 44.3 82.3



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: 117.069 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

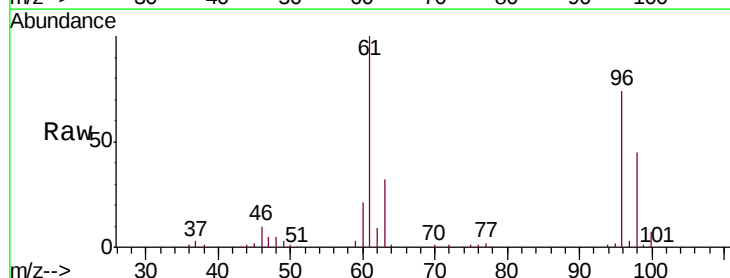
Tgt Ion: 96 Resp: 181982

Ion Ratio Lower Upper

96 100

61 135.2 100.9 187.5

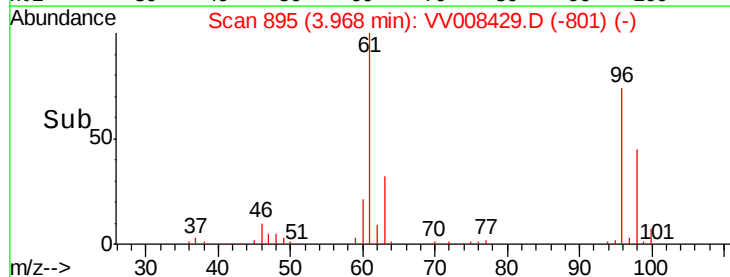
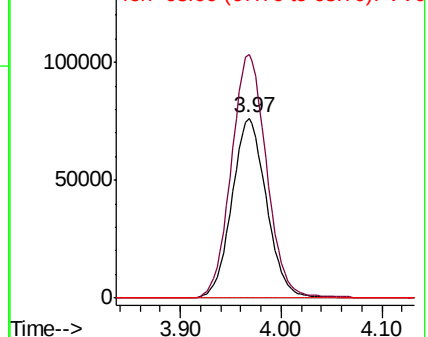
68 0.0 0.0 0.0

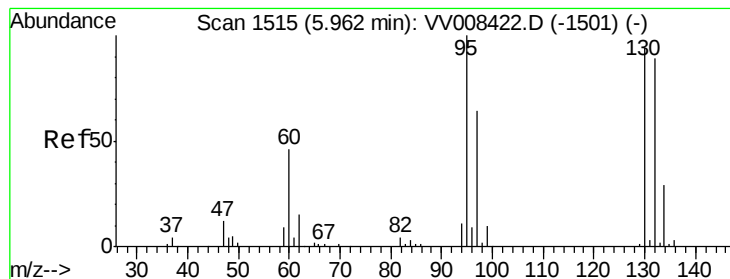


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 215.612 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

Instrument :

MSVOA_V

ClientSampleId :

ETBX8

Tgt Ion: 95 Resp: 328275

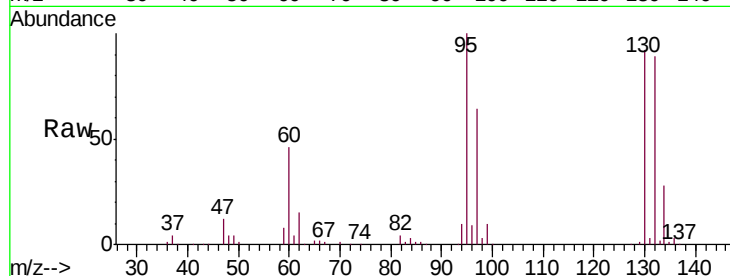
Ion Ratio Lower Upper

95 100

97 64.0 45.2 84.0

132 88.6 63.8 118.6

130 91.9 64.7 120.1



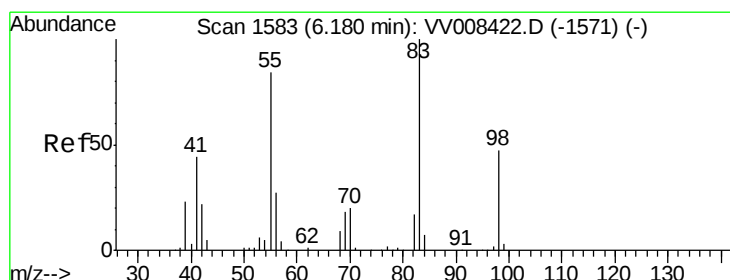
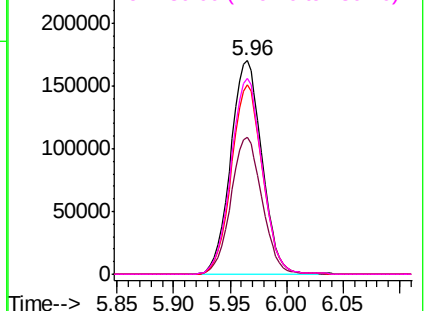
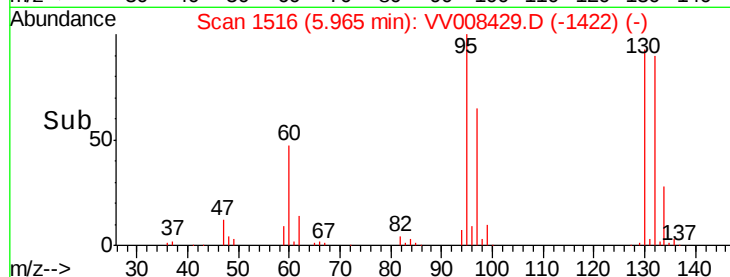
Abundance

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: 7.900 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

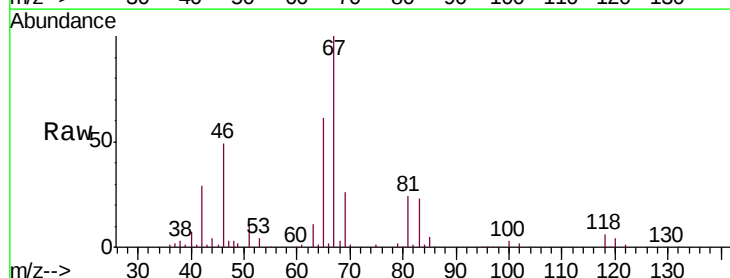
Tgt Ion: 83 Resp: 20450

Ion Ratio Lower Upper

83 100

55 0.0 65.0 97.4#

98 0.8 36.0 54.0#

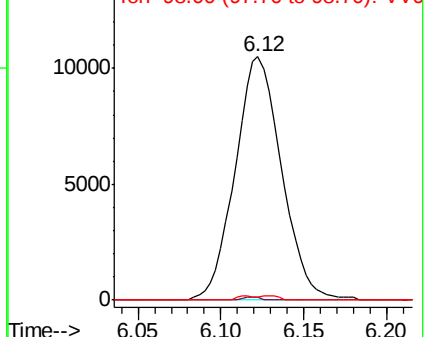
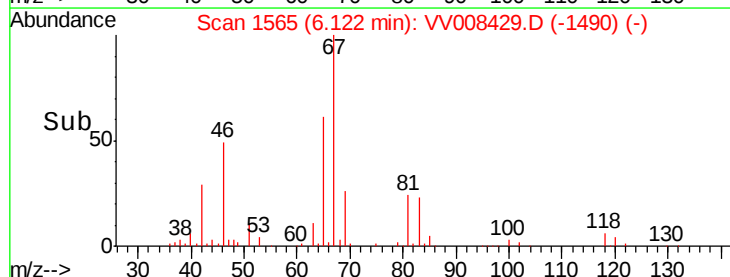


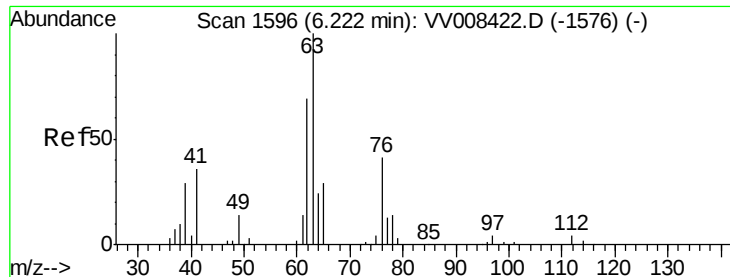
Abundance

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

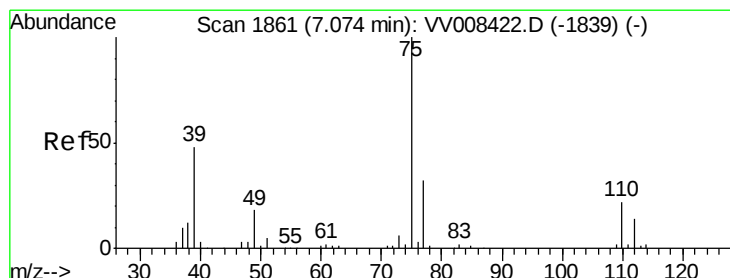
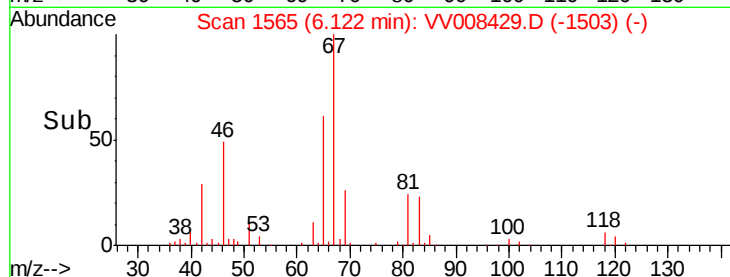
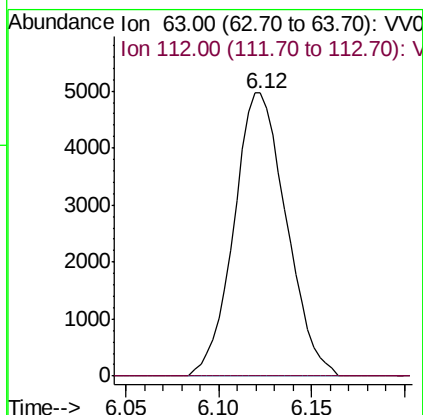
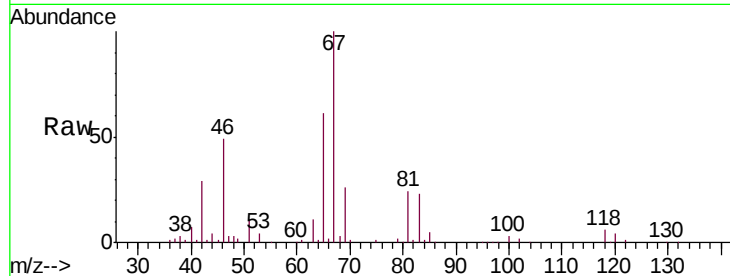




#37
 1,2-Dichloropropane
 Concen: 5.939 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008429.D
 Acq: 26 Oct 2018 13:40

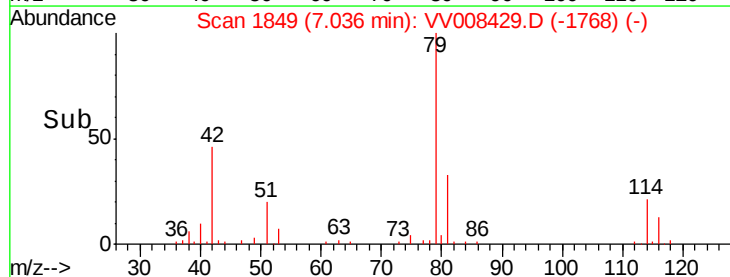
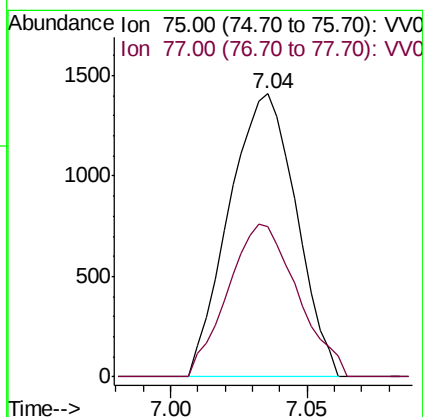
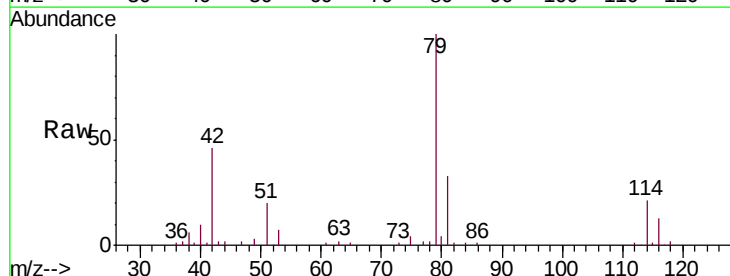
Instrument :
 MSVOA_V
 ClientSampled :
 ETBX8

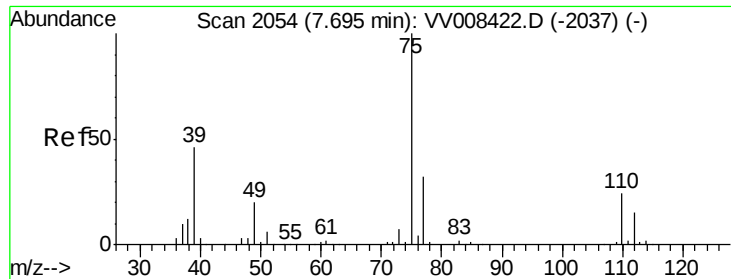
Tgt Ion: 63 Resp: 9755
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.934 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008429.D
 Acq: 26 Oct 2018 13:40

Tgt Ion: 75 Resp: 2411
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008429.D

Acq: 26 Oct 2018 13:40

Instrument :

MSVOA_V

ClientSampleId :

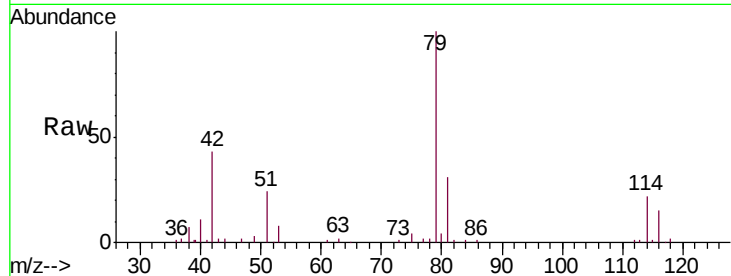
ETBX8

Tgt Ion: 75 Resp: 1747

Ion Ratio Lower Upper

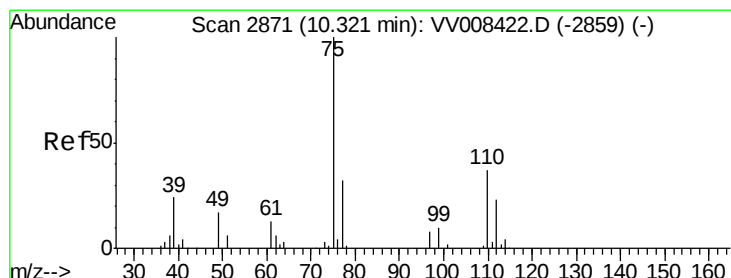
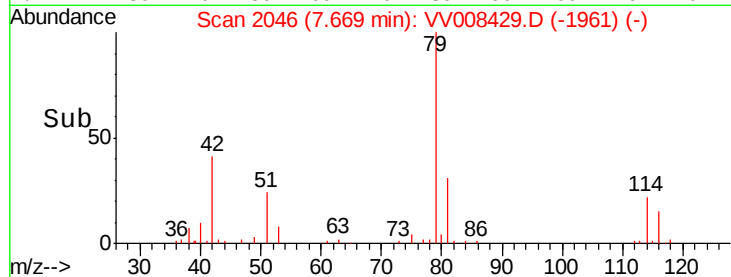
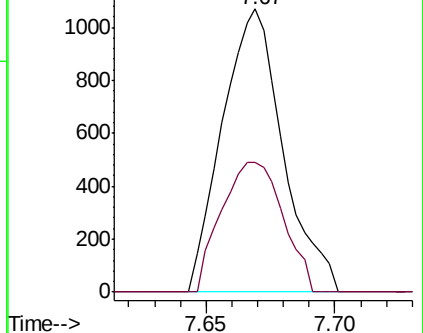
75 100

77 45.8 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) (-)



#59

1,2,3-Trichloropropane

Concen: 4.857 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008429.D

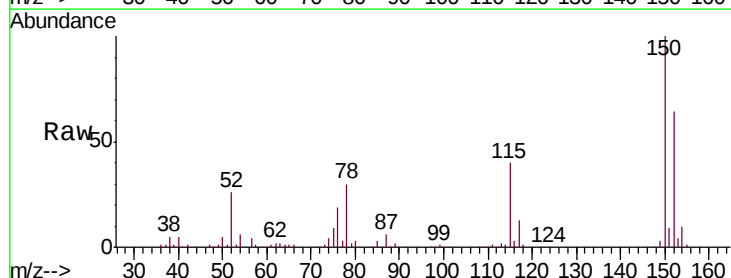
Acq: 26 Oct 2018 13:40

Tgt Ion: 75 Resp: 9997

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008422.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008422.D (-2859) (-)

