

Data File : VV008462.D
Acq On : 29 Oct 2018 18:35
Operator : SY/MD
Sample : J5716-11
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBY0

Quant Time: Oct 30 07:46:14 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	176379	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42987	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.56	69	34600	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.14%
11) 1,1-Dichloroethene-d2	2.13	63	59890	33.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.90%
21) 2-Butanone-d5	3.94	46	105591	99.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.49%
24) Chloroform-d	4.41	84	114966	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
26) 1,2-Dichloroethane-d4	5.09	65	79317	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
32) Benzene-d6	5.10	84	231062	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
36) 1,2-Dichloropropane-d6	6.12	67	79409	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.34%
41) Toluene-d8	7.36	98	205301	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%
43) trans-1,3-Dichloropropene-	7.67	79	38044	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.92%
47) 2-Hexanone-d5	8.14	63	79575	97.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.23%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109542	51.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	70868	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

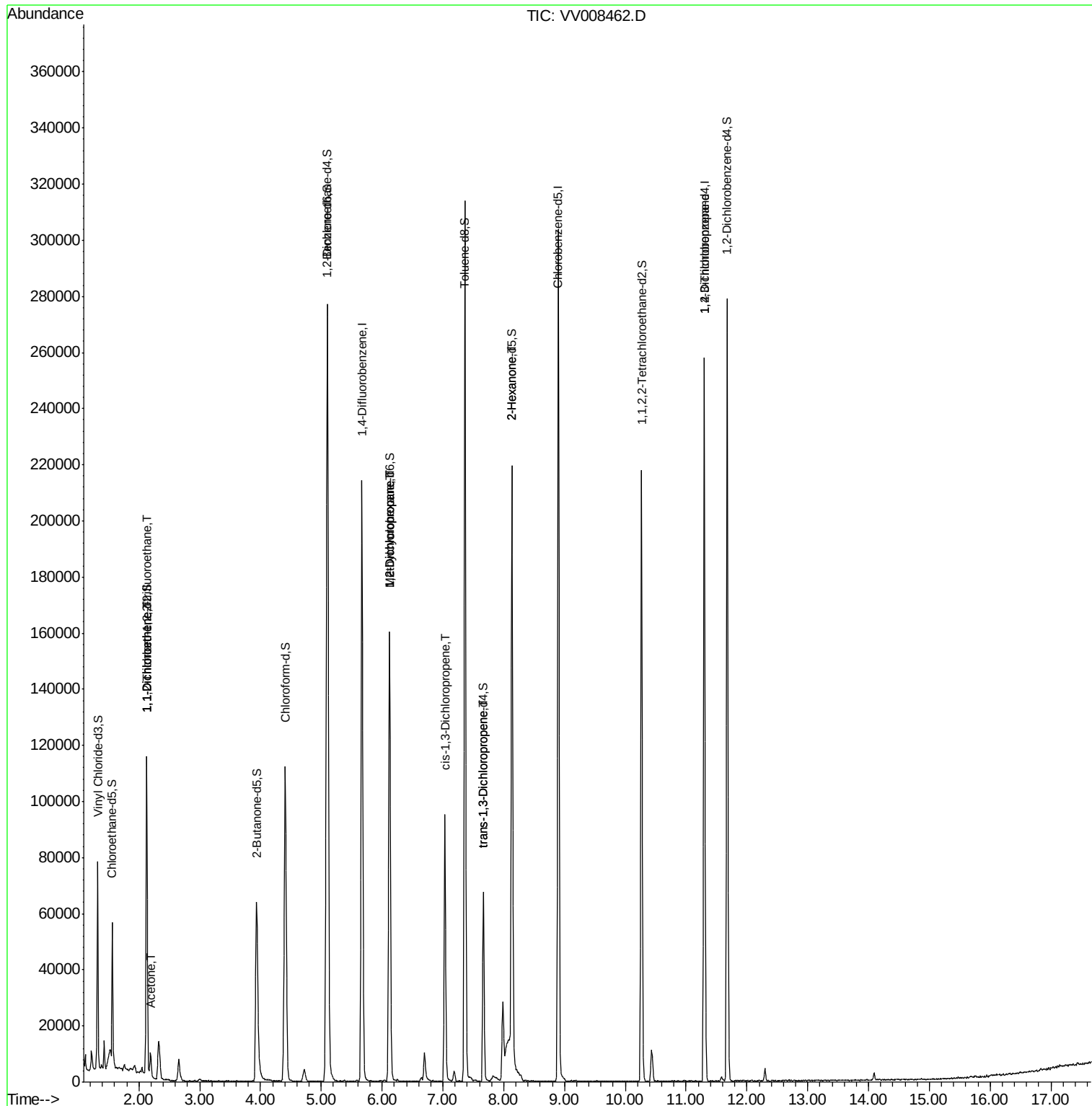
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	547	0.651	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	488	0.617	ug/L #	1
13) Acetone	2.19	43	6296	7.644	ug/L	97
35) Methylcyclohexane	6.12	83	18561	8.233	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8453	5.909	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2323	1.033	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1581	0.751	ug/L	92
48) 2-Hexanone	8.14	43	9399	5.750	ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	8424	4.699	ug/L #	86

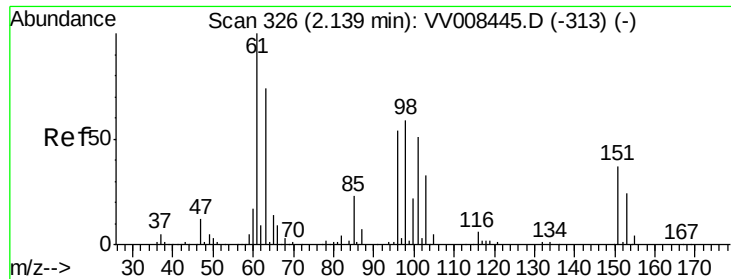
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.651 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

ETBY0

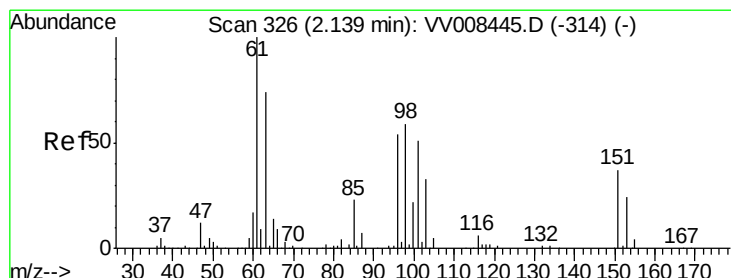
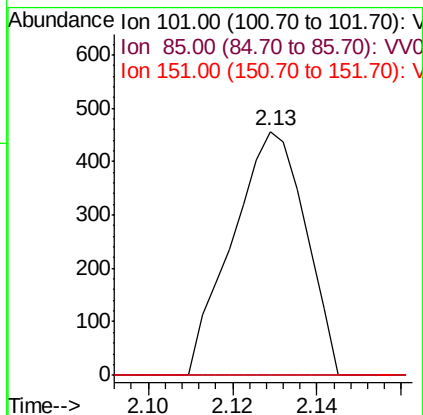
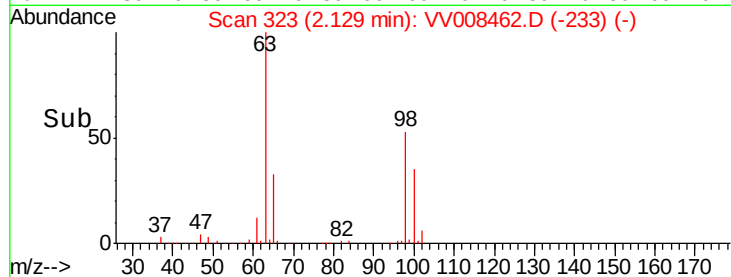
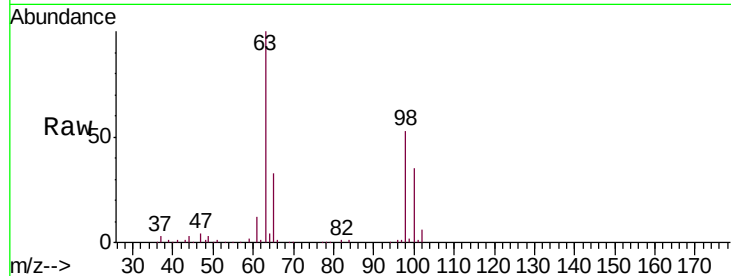
Tgt Ion:101 Resp: 547

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: 0.617 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008462.D

Acq: 29 Oct 2018 18:35

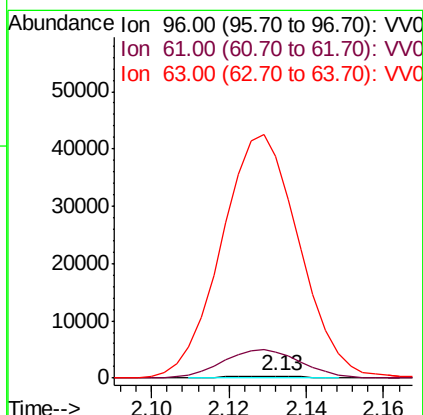
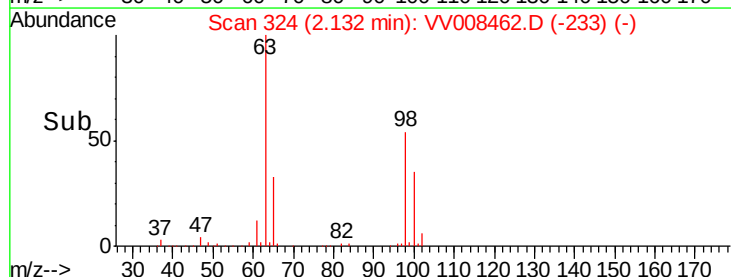
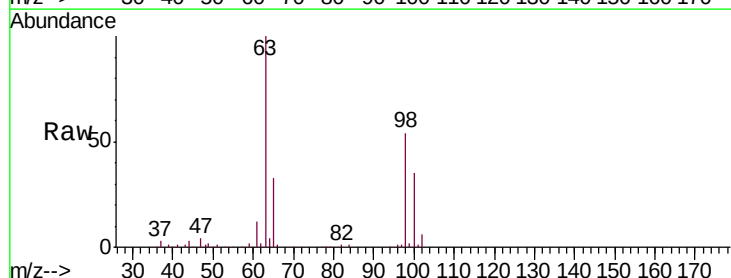
Tgt Ion: 96 Resp: 488

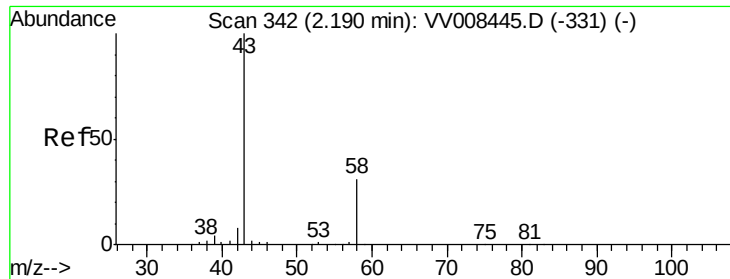
Ion Ratio Lower Upper

96 100

61 1352.5 130.3 242.1#

63 11391.2 84.4 156.8#





#13

Acetone

Concen: 7.644 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008462.D

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MSVOA_V

ClientSampleId :

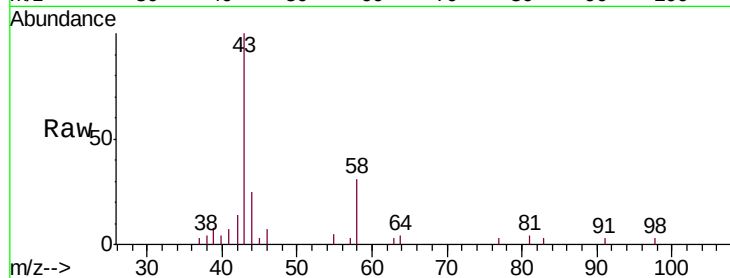
ETBY0

Tgt Ion: 43 Resp: 6296

Ion Ratio Lower Upper

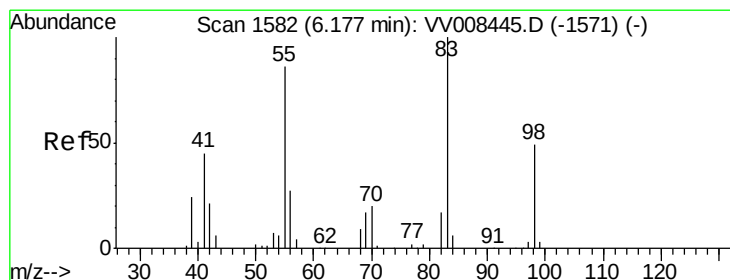
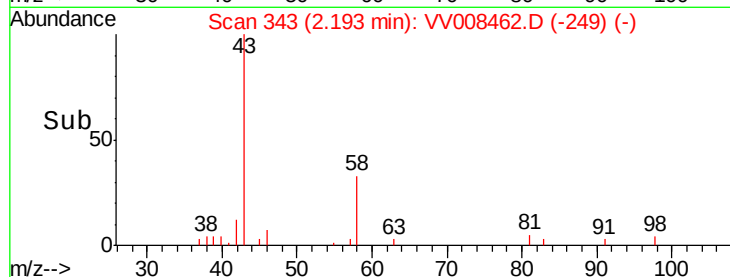
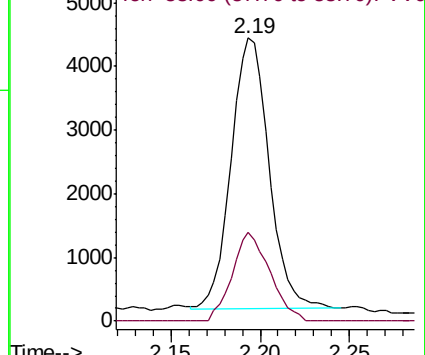
43 100

58 32.5 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-331) (-)



#35

Methylcyclohexane

Concen: 8.233 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008462.D

Acq: 29 Oct 2018 18:35

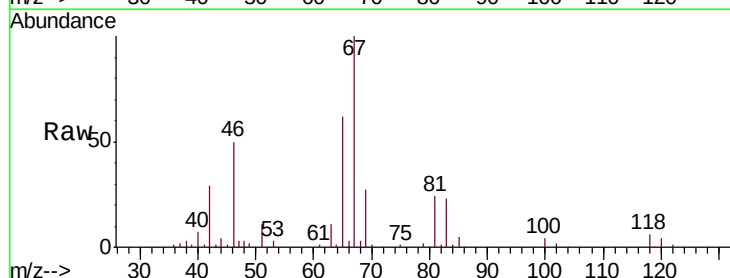
Tgt Ion: 83 Resp: 18561

Ion Ratio Lower Upper

83 100

55 0.5 65.0 97.4#

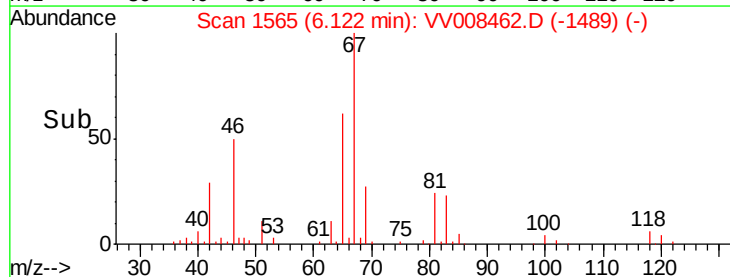
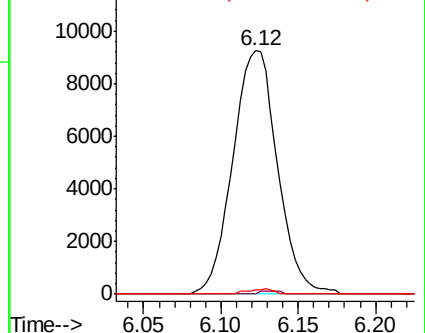
98 0.8 36.0 54.0#

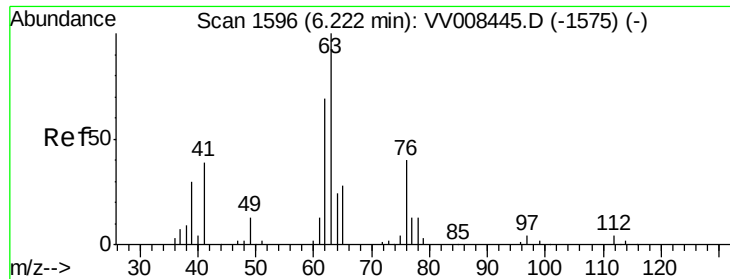


Abundance Ion 83.00 (82.70 to 83.70): VV008445.D (-1571) (-)

Ion 55.00 (54.70 to 55.70): VV008445.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VV008445.D (-1571) (-)

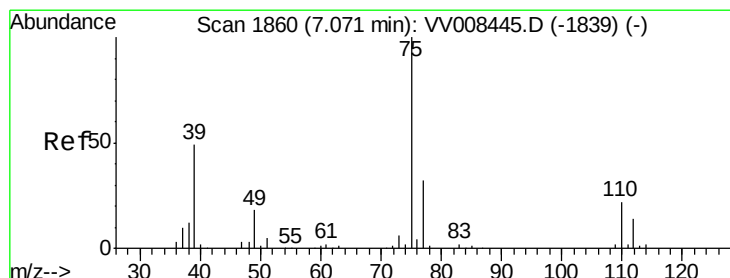
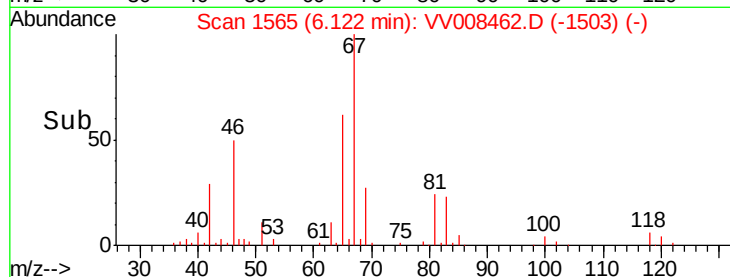
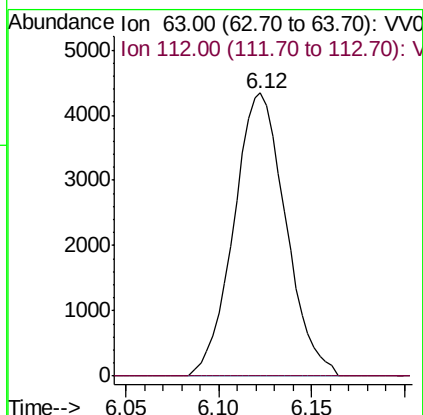
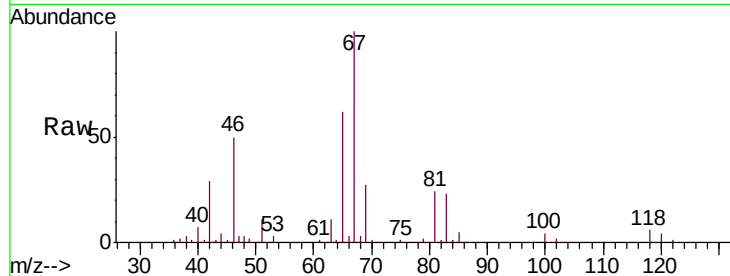




#37
 1,2-Dichloropropane
 Concen: 5.909 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008462.D
 Acq: 29 Oct 2018 18:35

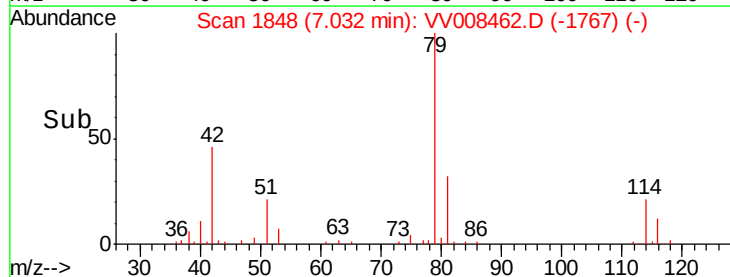
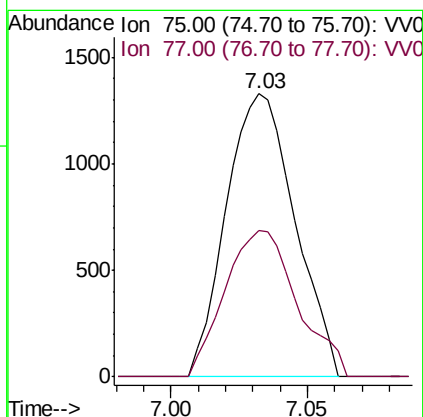
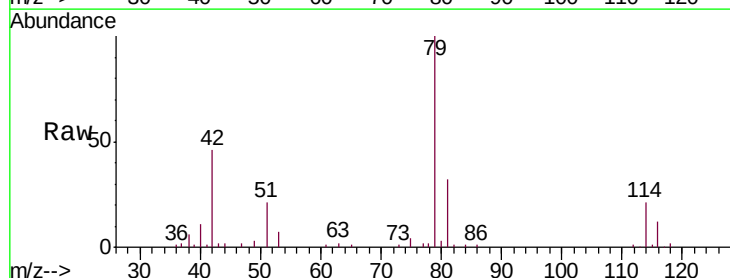
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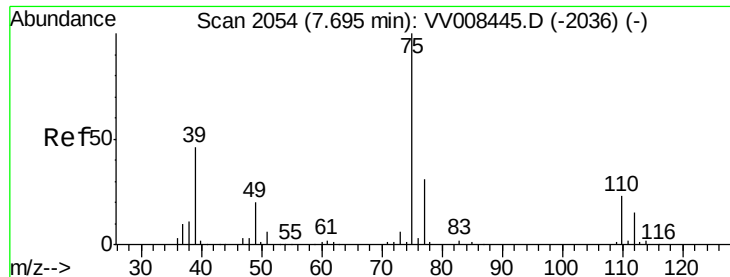
Tgt Ion: 63 Resp: 8453
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.033 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008462.D
 Acq: 29 Oct 2018 18:35

Tgt Ion: 75 Resp: 2323
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.751 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008462.D

Acq: 29 Oct 2018 18:35

Instrument :

MSVOA_V

ClientSampleId :

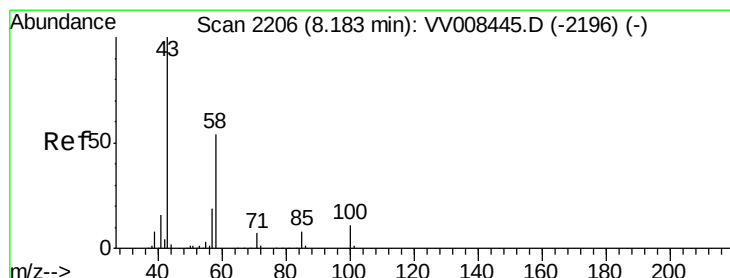
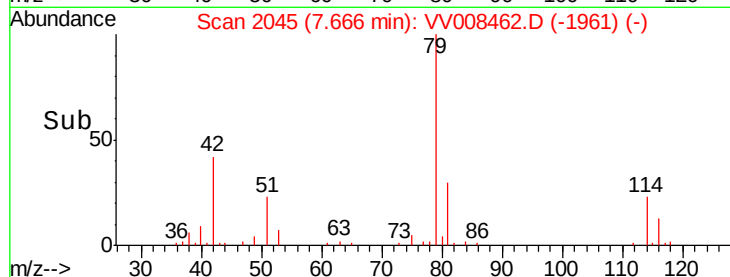
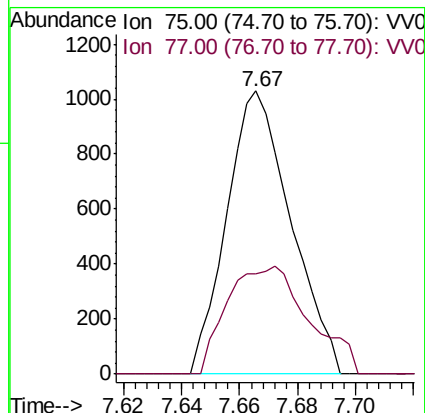
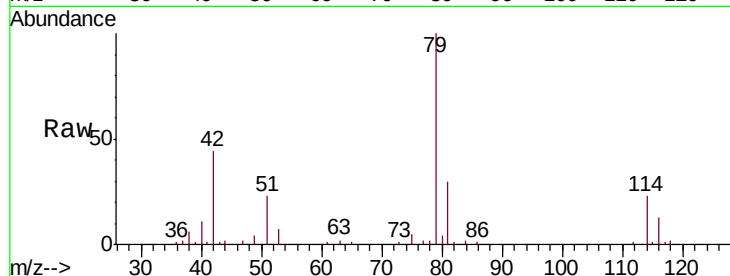
ETBY0

Tgt Ion: 75 Resp: 1581

Ion Ratio Lower Upper

75 100

77 35.7 21.8 40.4



#48

2-Hexanone

Concen: 5.750 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008462.D

Acq: 29 Oct 2018 18:35

Tgt Ion: 43 Resp: 9399

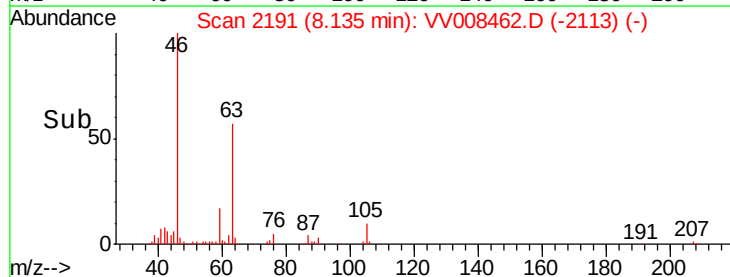
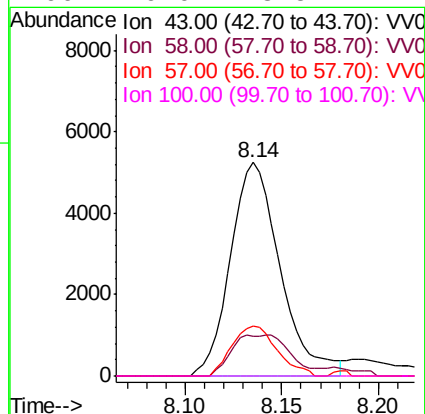
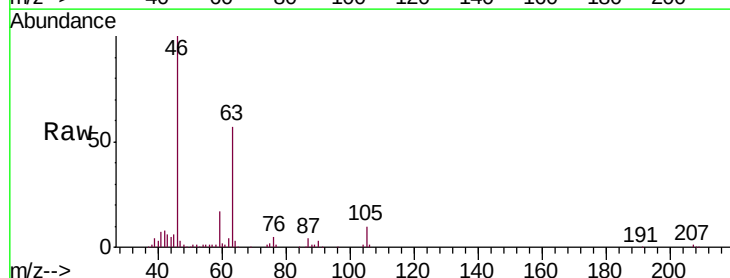
Ion Ratio Lower Upper

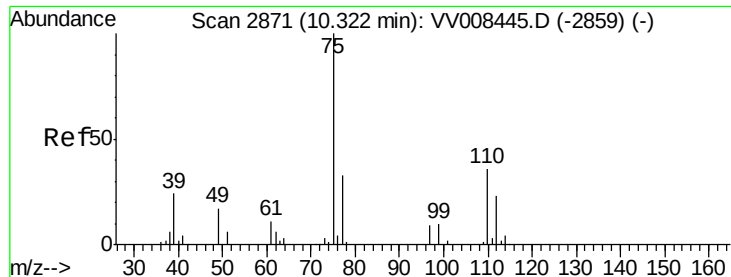
43 100

58 11.3 42.6 63.8#

57 21.1 14.8 22.2

100 0.0 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.699 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008462.D

Acq: 29 Oct 2018 18:35

Instrument :

MSVOA_V

ClientSampleId :

ETBY0

Tgt Ion: 75 Resp: 8424

Ion Ratio Lower Upper

75 100

77 40.2 25.8 38.8#

