

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102518\
 Data File : VV008417.D
 Acq On : 25 Oct 2018 18:41
 Operator : SY/MD
 Sample : J5669-08
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBY6

Quant Time: Oct 25 23:20:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54054	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.14%
7) Chloroethane-d5	1.57	69	39900	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.32%
11) 1,1-Dichloroethene-d2	2.13	63	72052	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
21) 2-Butanone-d5	3.93	46	107576	89.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.85%
24) Chloroform-d	4.41	84	121475	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.09	65	84251	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.10	84	248076	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.12	67	84598	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.86%
41) Toluene-d8	7.36	98	226309	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.67	79	39914	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.14	63	81115	88.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.01%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110089	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	72958	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

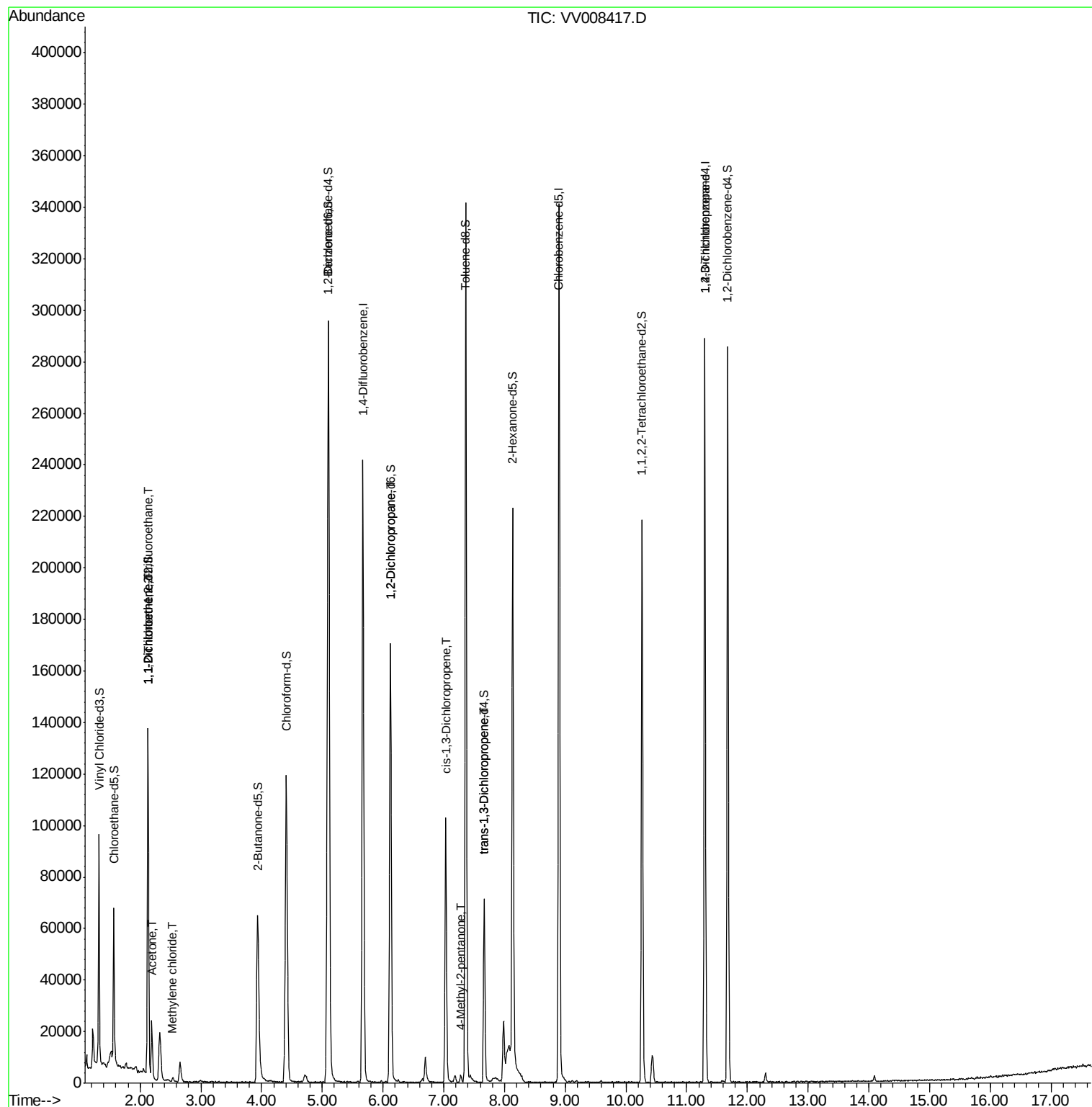
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	602	0.635	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	529	0.593	ug/L #	1
13) Acetone	2.19	43	18872	20.310	ug/L	98
16) Methylene chloride	2.54	84	554	0.358	ug/L	89
37) 1,2-Dichloropropane	6.12	63	8767	5.442	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2379	0.939	ug/L #	52
40) 4-Methyl-2-pentanone	7.28	43	2056	0.862	ug/L #	91
44) trans-1,3-Dichloropropene	7.67	75	1669	0.704	ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	9369	4.641	ug/L #	88

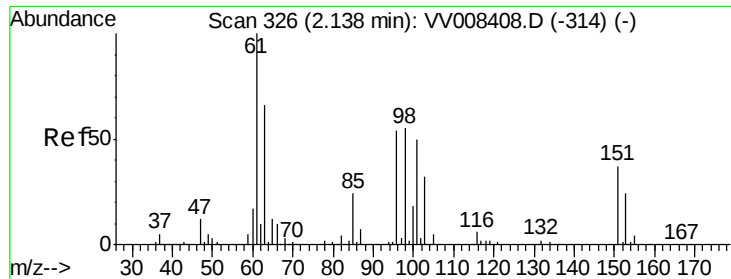
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 23:17:12 2018
Response via : Initial Calibration





#10

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

Concen: 0.635 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008417.D

Acq: 25 Oct 2018 18:41

Instrument :

MSVOA_V

ClientSampled :

ETBY6

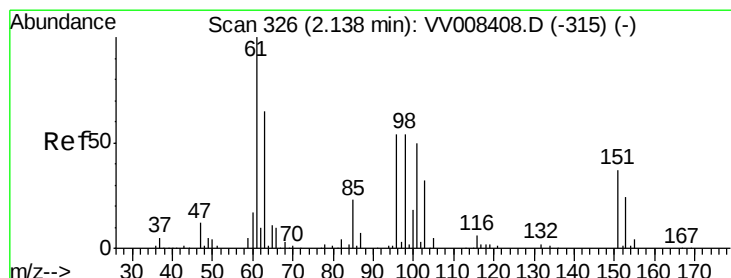
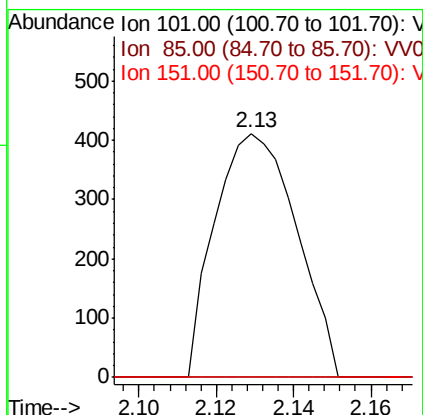
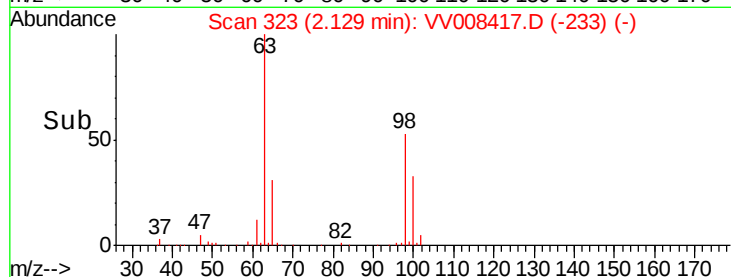
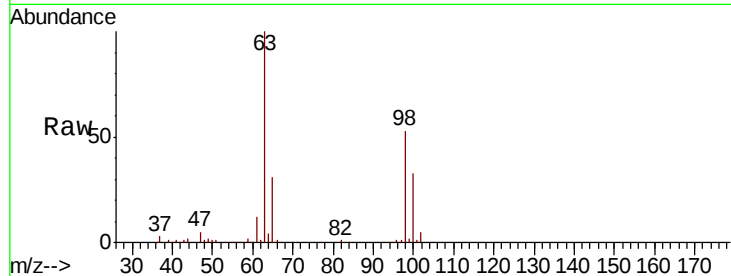
Tgt Ion:101 Resp: 602

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: 0.593 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008417.D

Acq: 25 Oct 2018 18:41

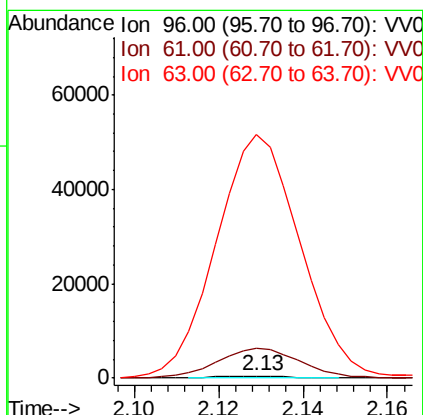
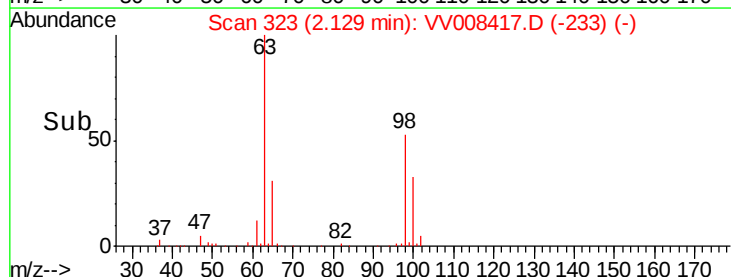
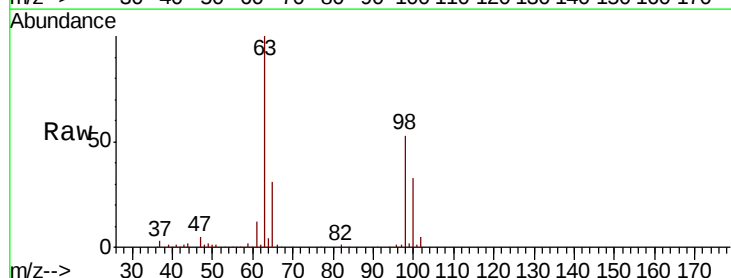
Tgt Ion: 96 Resp: 529

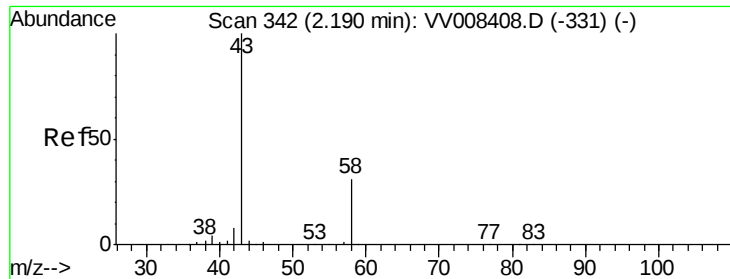
Ion Ratio Lower Upper

96 100

61 1521.8 130.3 242.1#

63 12532.0 84.4 156.8#





#13

Acetone

Concen: 20.310 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008417.D

Acq: 25 Oct 2018 18:41

Instrument :

MSVOA_V

ClientSampled :

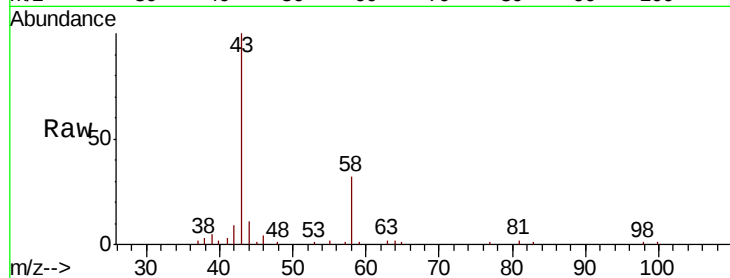
ETBY6

Tgt Ion: 43 Resp: 18872

Ion Ratio Lower Upper

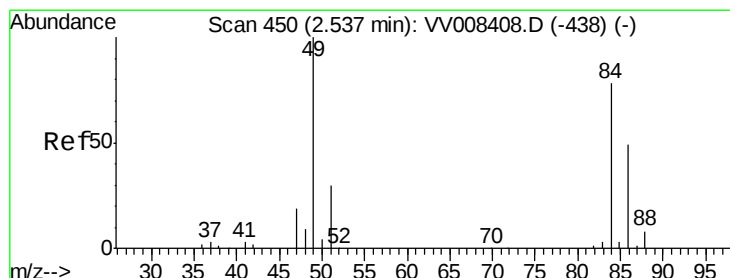
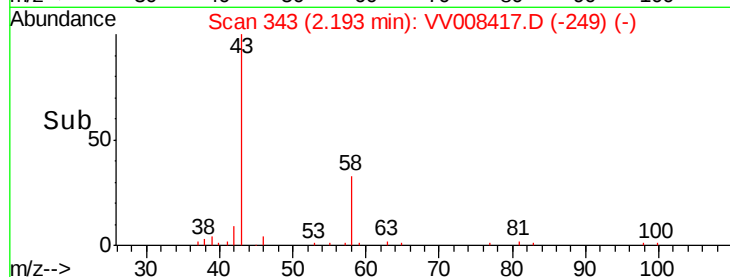
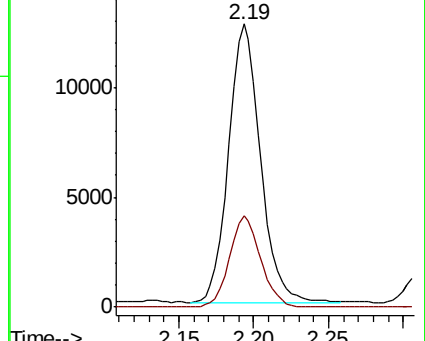
43 100

58 31.6 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008417.D (-343) (-)

Ion 58.00 (57.70 to 58.70): VV008417.D (-343) (-)



#16

Methylene chloride

Concen: 0.358 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008417.D

Acq: 25 Oct 2018 18:41

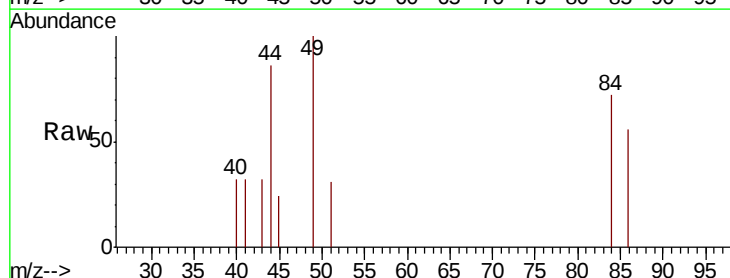
Tgt Ion: 84 Resp: 554

Ion Ratio Lower Upper

84 100

86 78.1 45.6 84.6

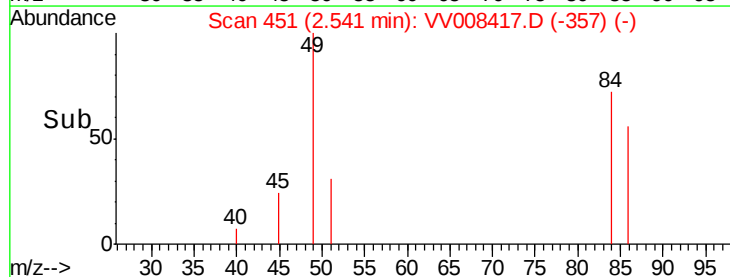
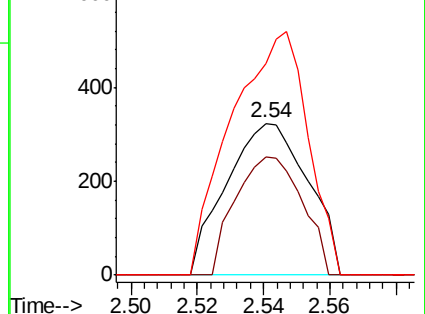
49 139.2 90.6 168.3

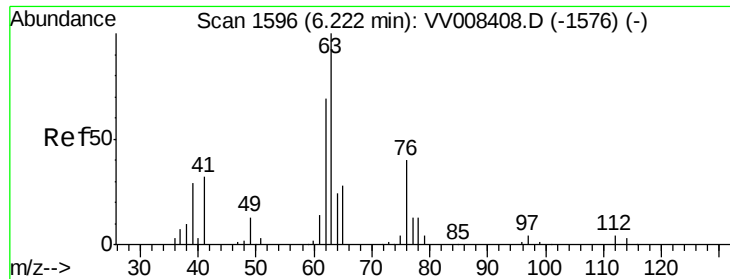


Abundance Ion 84.00 (83.70 to 84.70): VV008417.D (-451) (-)

Ion 86.00 (85.70 to 86.70): VV008417.D (-451) (-)

Ion 49.00 (48.70 to 49.70): VV008417.D (-451) (-)

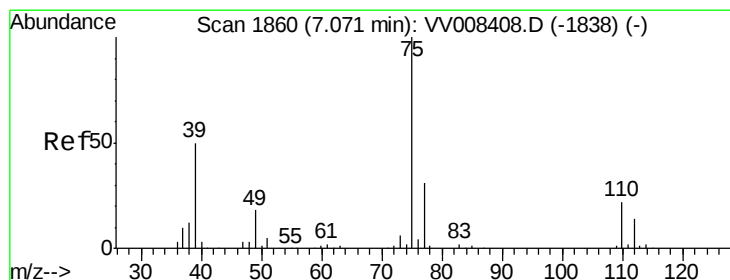
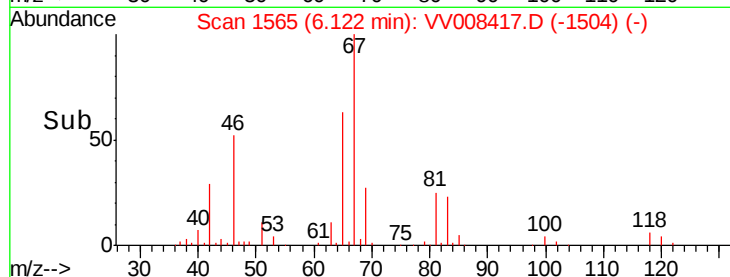
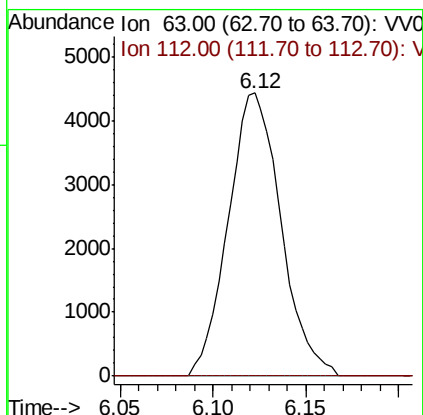
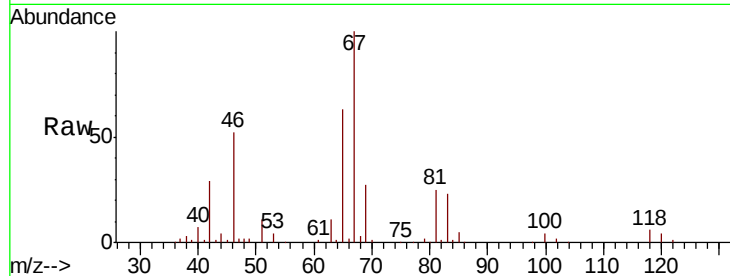




#37
 1,2-Dichloropropane
 Concen: 5.442 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008417.D
 Acq: 25 Oct 2018 18:41

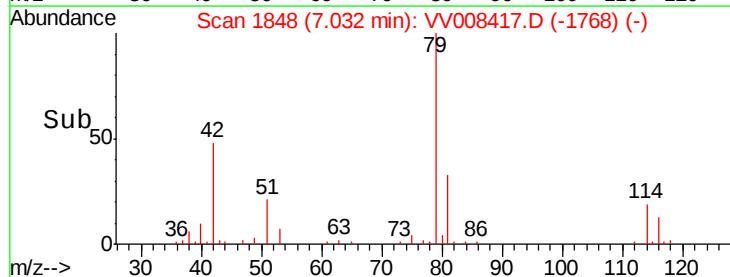
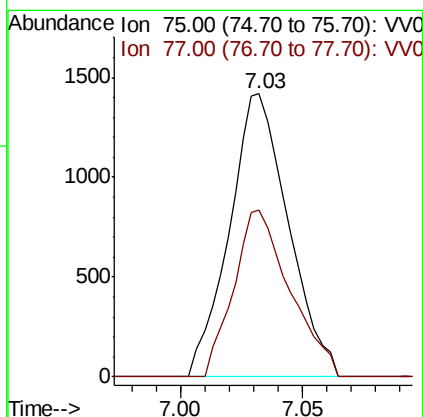
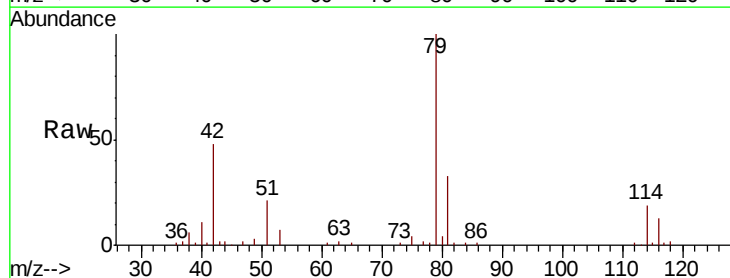
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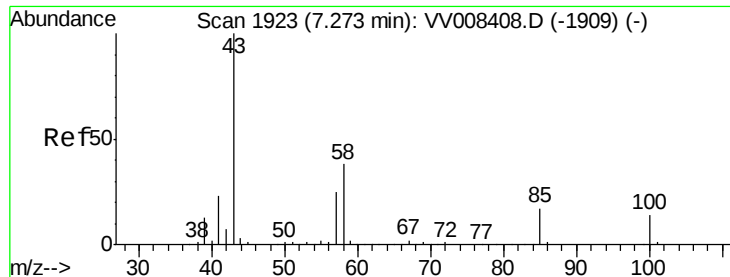
Tgt Ion: 63 Resp: 8767
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008417.D
 Acq: 25 Oct 2018 18:41

Tgt Ion: 75 Resp: 2379
 Ion Ratio Lower Upper
 75 100
 77 59.1 22.6 42.0#

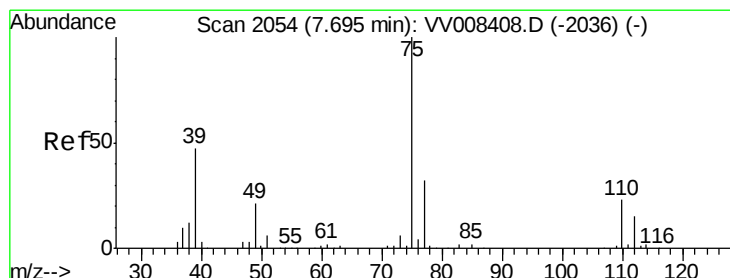
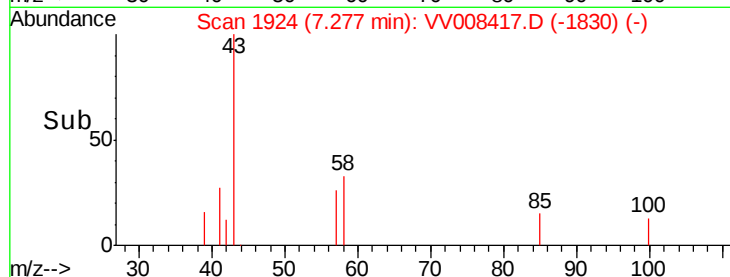
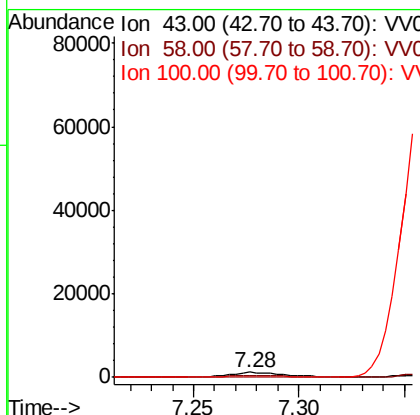
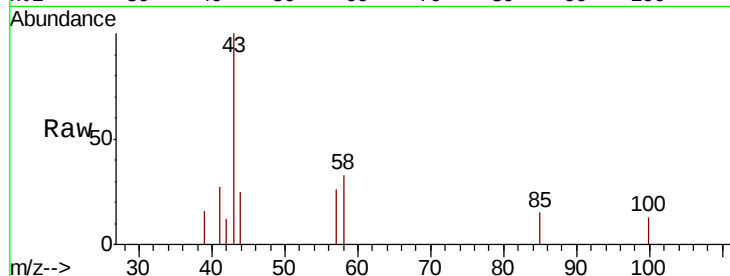




#40
 4-Methyl-2-pentanone
 Concen: 0.862 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV008417.D
 Acq: 25 Oct 2018 18:41

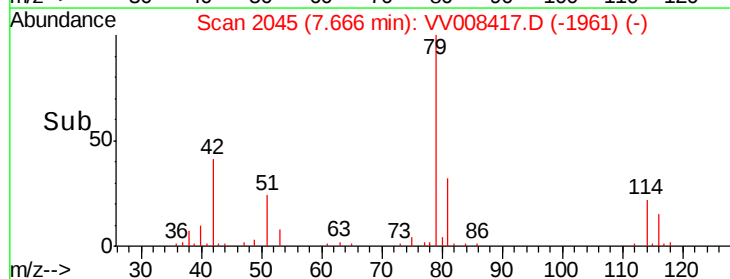
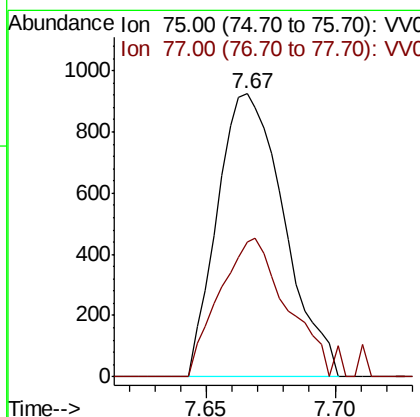
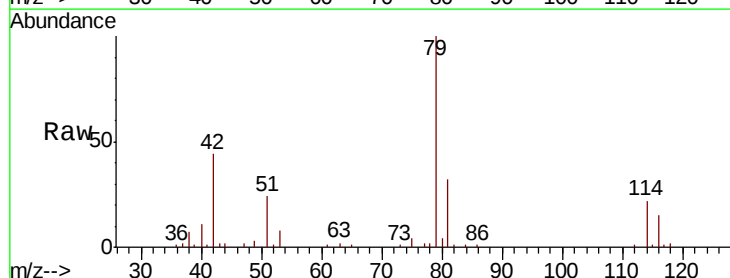
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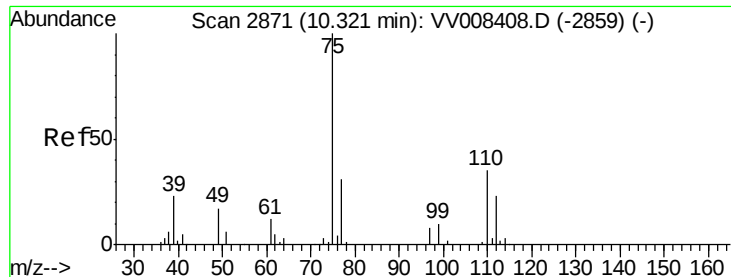
Tgt Ion: 43 Resp: 2056
 Ion Ratio Lower Upper
 43 100
 58 35.1 30.9 46.3
 100 7.0 10.9 16.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.704 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008417.D
 Acq: 25 Oct 2018 18:41

Tgt Ion: 75 Resp: 1669
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.8 40.4#





#59
 1,2,3-Trichloropropane
 Concen: 4.641 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008417.D
 Acq: 25 Oct 2018 18:41

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBY6

Tgt Ion: 75 Resp: 9369
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.8 38.8#

