

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120718\
 Data File : VV008881.D
 Acq On : 07 Dec 2018 17:33
 Operator : SY/MD
 Sample : J6263-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TP1

Quant Time: Dec 07 22:22:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 07 22:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	103130	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23465	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	19593	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	43702	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.98	46	71466	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	4.41	84	60504	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	31352	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	120355	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	35581	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	107792	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	12507	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	51525	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22771	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	41045	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

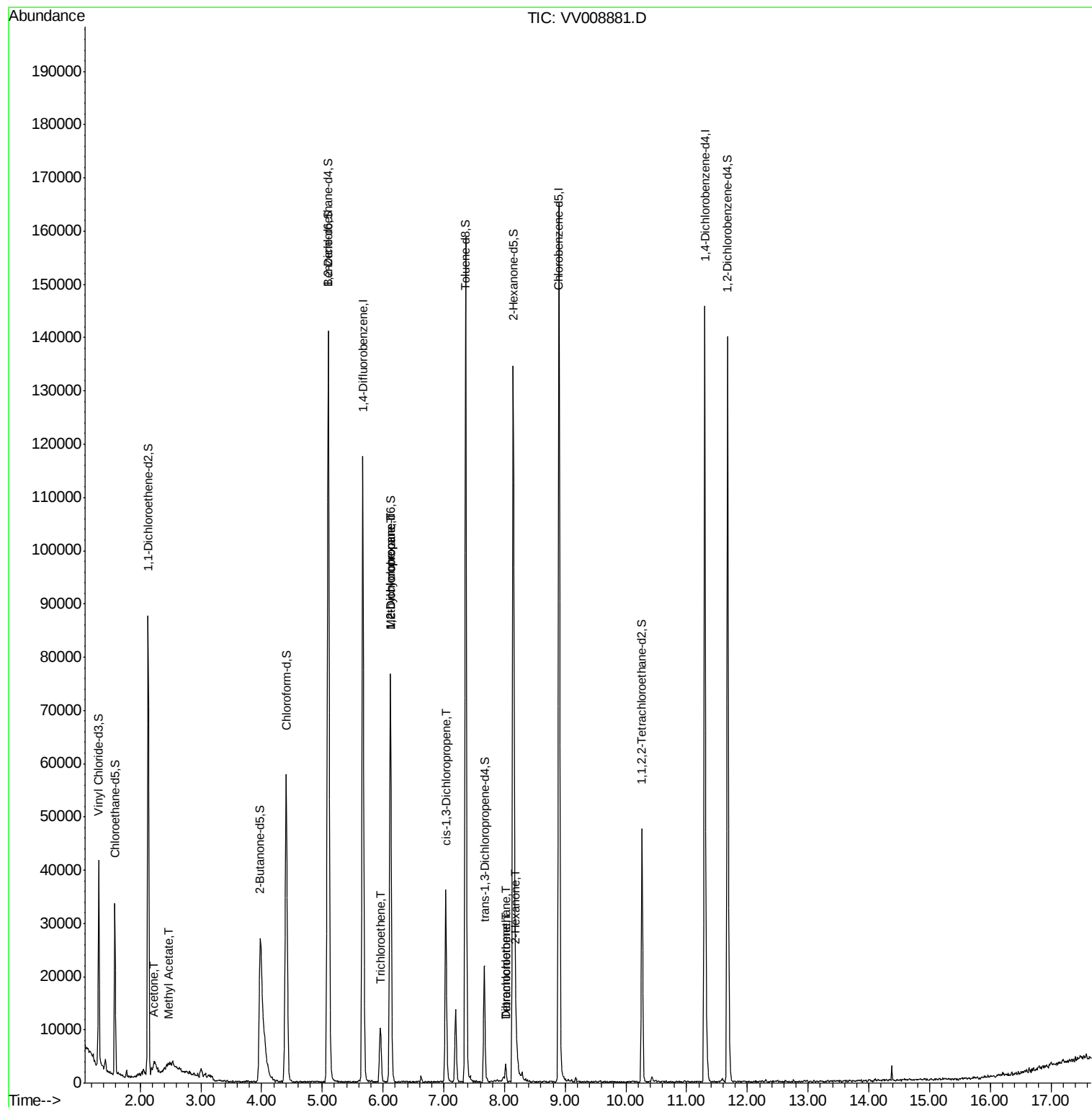
					Qvalue
13) Acetone	2.23	43	6056	8.009 ug/L	83
15) Methyl Acetate	2.45	43	309	0.185 ug/L #	48
34) Trichloroethene	5.96	95	2422	0.306 ug/L	96
35) Methylcyclohexane	6.12	83	9150	0.730 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3890	0.583 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	872	0.093 ug/L #	71
47) Tetrachloroethene	8.02	164	749	0.118 ug/L	96
48) 2-Hexanone	8.19	43	3409	1.429 ug/L #	76
49) Dibromochloromethane	8.02	129	785	0.143 ug/L #	11

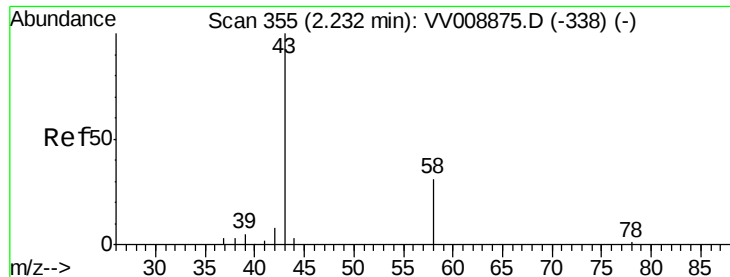
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 22:19:33 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.009 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.00 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

Instrument :

MSVOA_V

ClientSampleId :

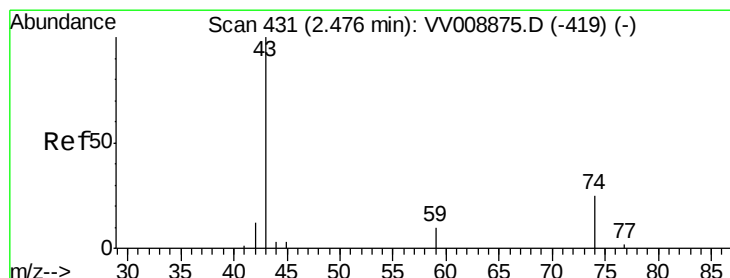
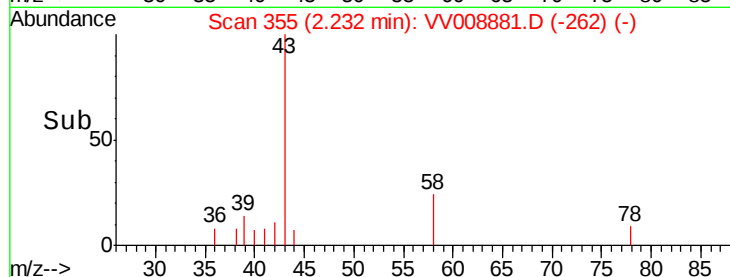
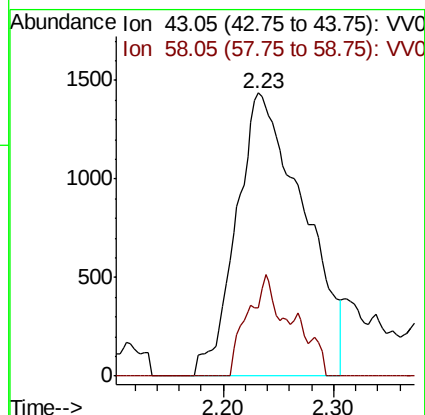
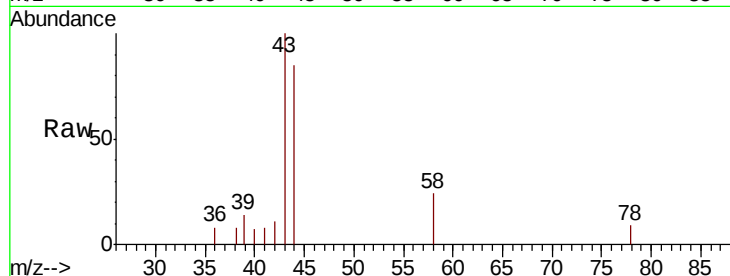
C0TP1

Tgt Ion: 43 Resp: 6056

Ion Ratio Lower Upper

43 100

58 17.6 0.0 52.4



#15

Methyl Acetate

Concen: 0.185 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.02 min

Lab File: VV008881.D

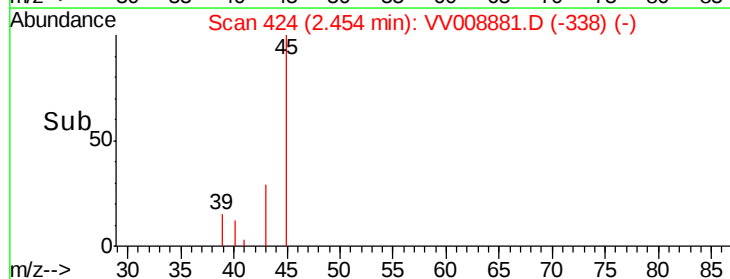
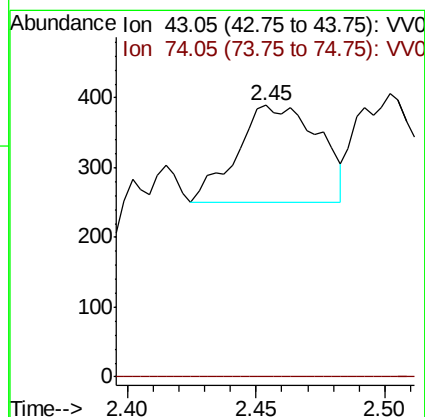
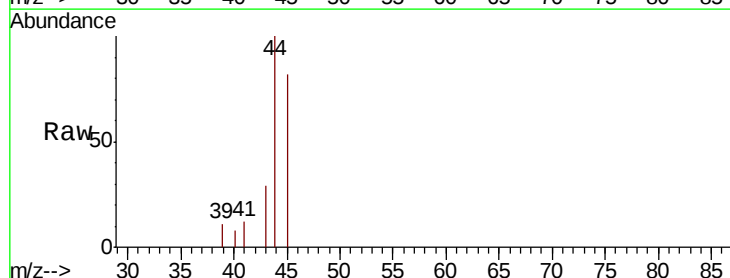
Acq: 07 Dec 2018 17:33

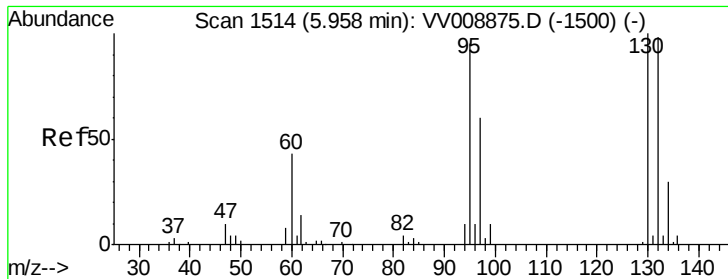
Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.6#





#34

Trichloroethene

Concen: 0.306 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

Instrument :

MSVOA_V

ClientSampleId :

C0TP1

Tgt Ion: 95 Resp: 2422

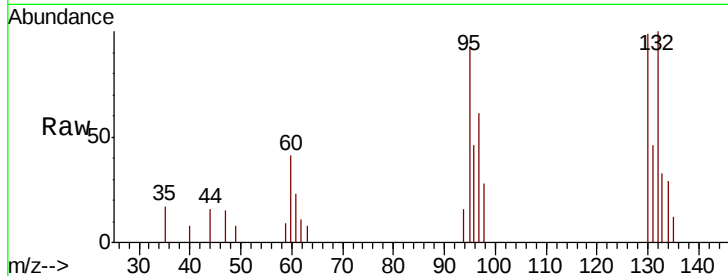
Ion Ratio Lower Upper

95 100

97 65.4 44.4 82.5

132 107.8 70.7 131.3

130 106.9 72.9 135.3

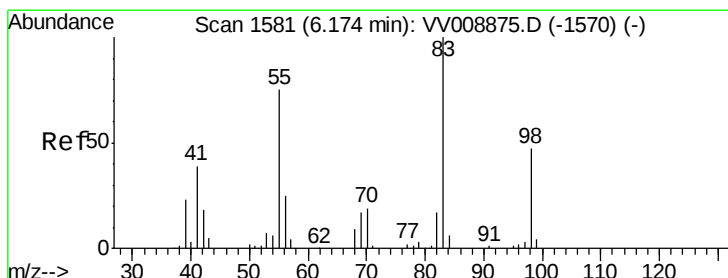
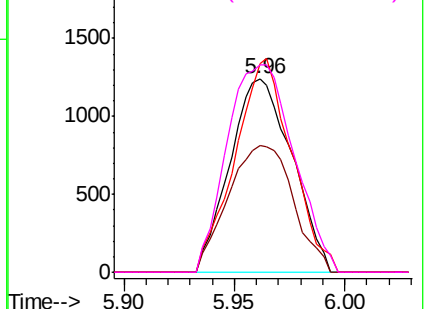
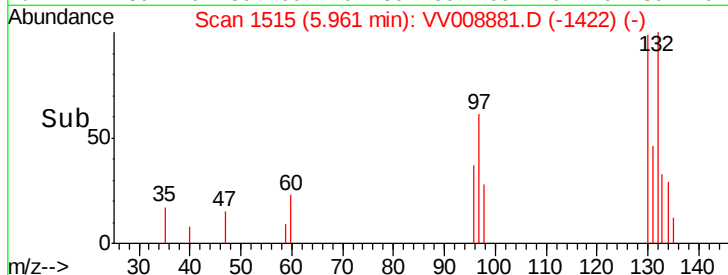


Abundance Ion 95.00 (94.70 to 95.70): VV008881.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008881.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008881.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008881.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

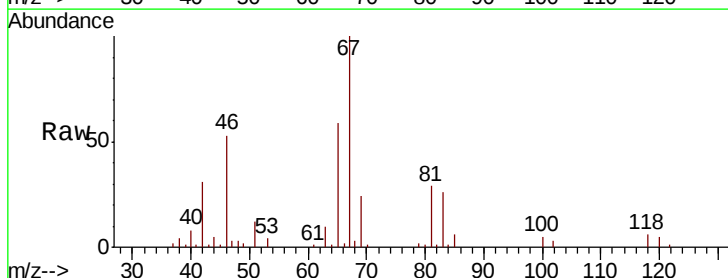
Tgt Ion: 83 Resp: 9150

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

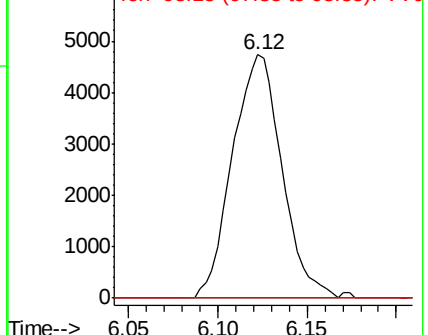
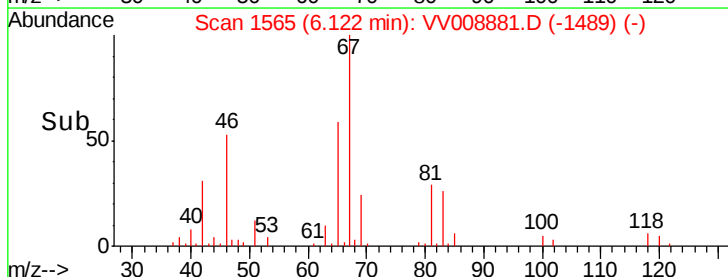
98 0.2 39.0 58.6#

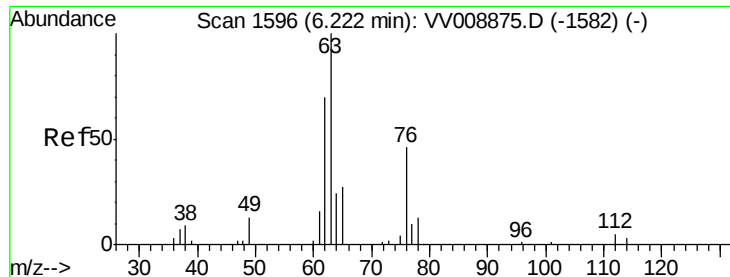


Abundance Ion 83.15 (82.85 to 83.85): VV008881.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008881.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008881.D (-1489) (-)

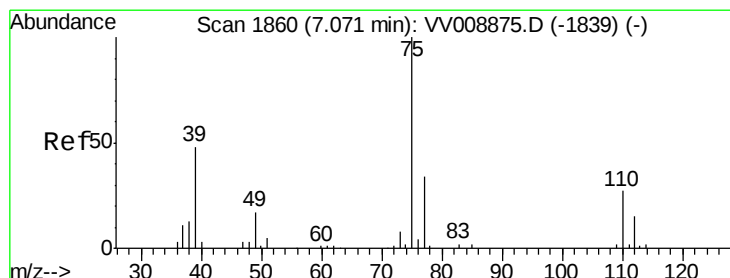
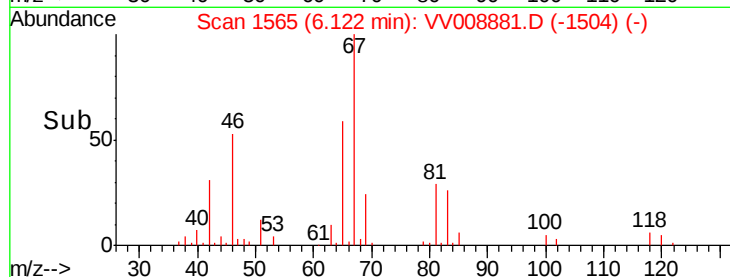
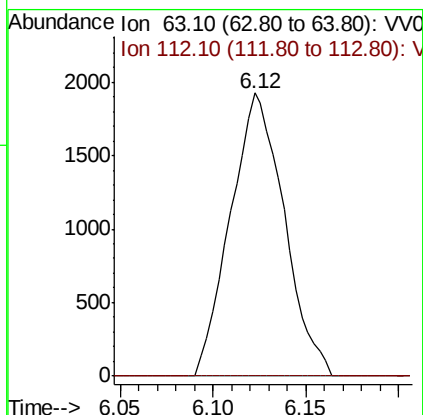
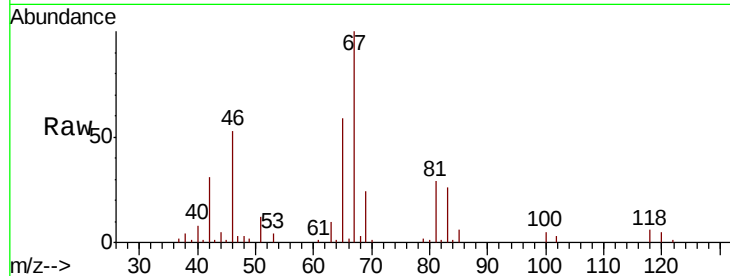




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008881.D
 Acq: 07 Dec 2018 17:33

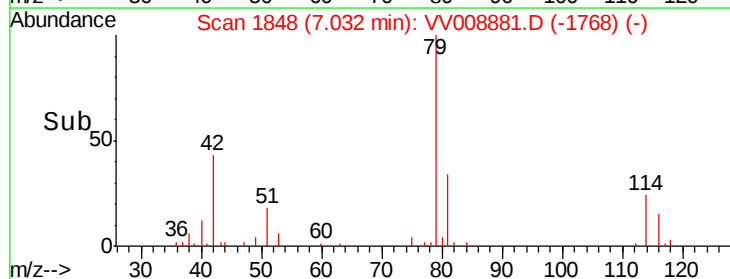
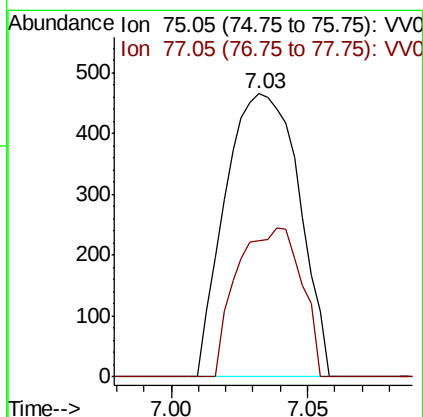
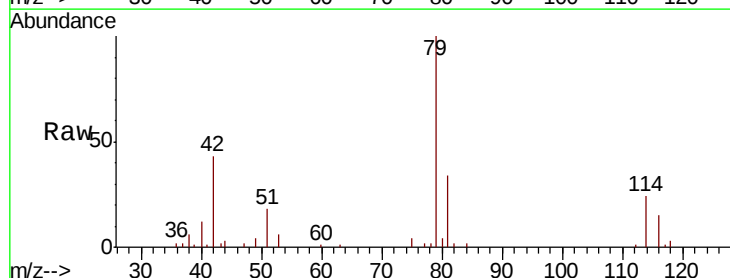
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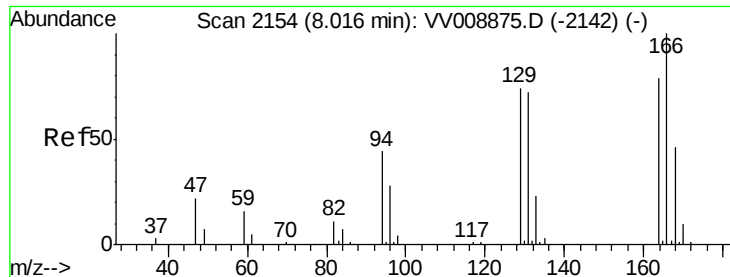
Tgt Ion: 63 Resp: 3890
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008881.D
 Acq: 07 Dec 2018 17:33

Tgt Ion: 75 Resp: 872
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.118 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

Instrument :
MSVOA_V
ClientSampleId :
C0TP1

Tgt Ion:164 Resp: 749

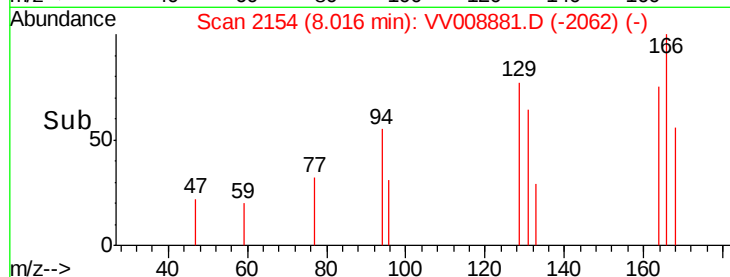
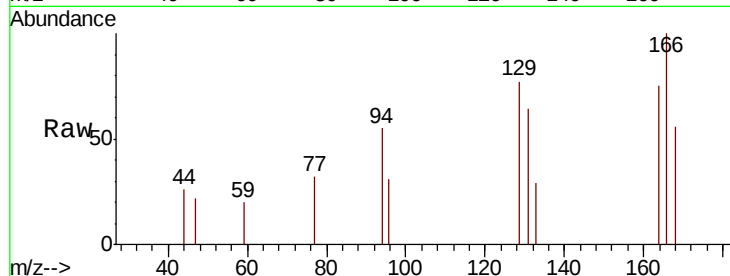
Ion Ratio Lower Upper

164 100

129 101.8 68.8 127.8

131 85.6 64.8 120.4

166 132.9 91.5 169.9

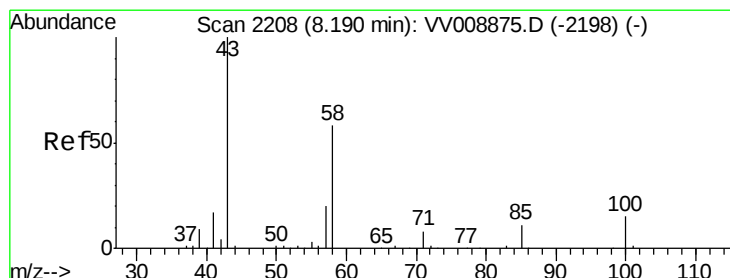
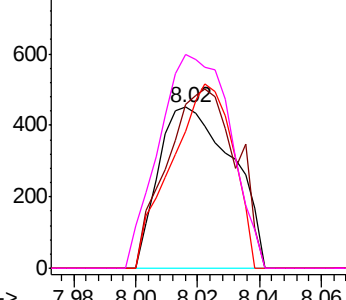


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.429 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

Tgt Ion: 43 Resp: 3409

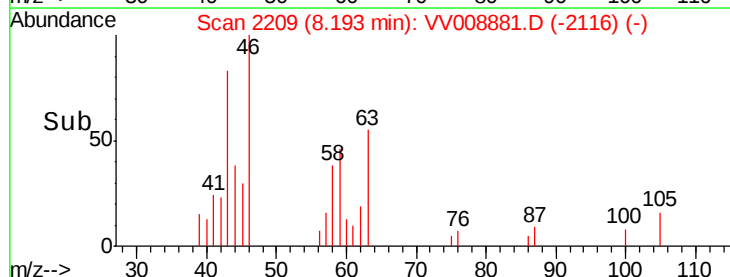
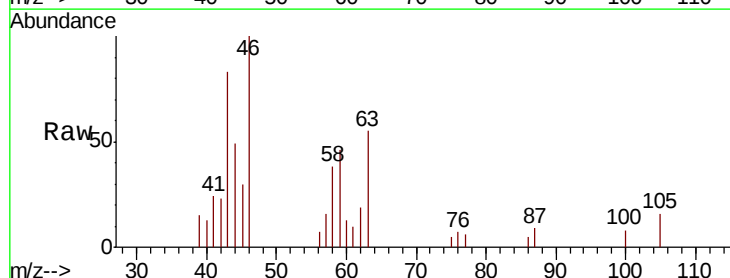
Ion Ratio Lower Upper

43 100

58 39.8 44.4 66.6#

57 4.0 15.8 23.8#

100 5.4 10.9 16.3#

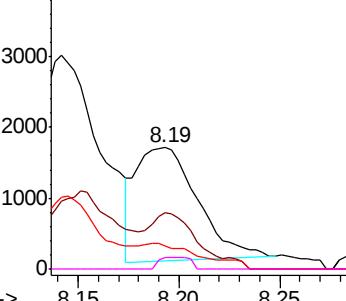


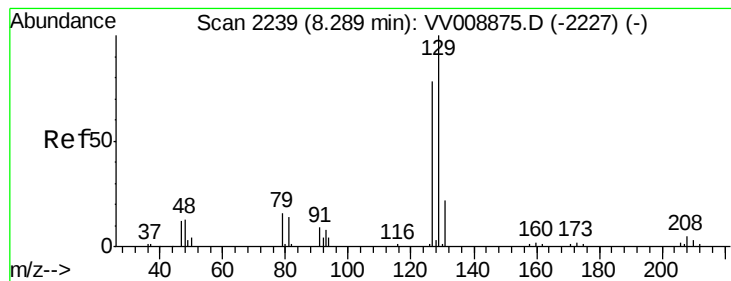
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.143 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008881.D

Acq: 07 Dec 2018 17:33

Instrument :

MSVOA_V

ClientSampleId :

C0TP1

Tgt Ion:129 Resp: 785

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#

