

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120718\
 Data File : VV008882.D
 Acq On : 07 Dec 2018 17:58
 Operator : SY/MD
 Sample : J6263-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TP2

Quant Time: Dec 07 22:22:46 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	104646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24836	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.59	69	19330	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.14	63	45374	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.96	46	72826	52.84	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	4.41	84	61786	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	32209	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	123731	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	36021	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	110249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	13087	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	50946	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22592	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40607	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

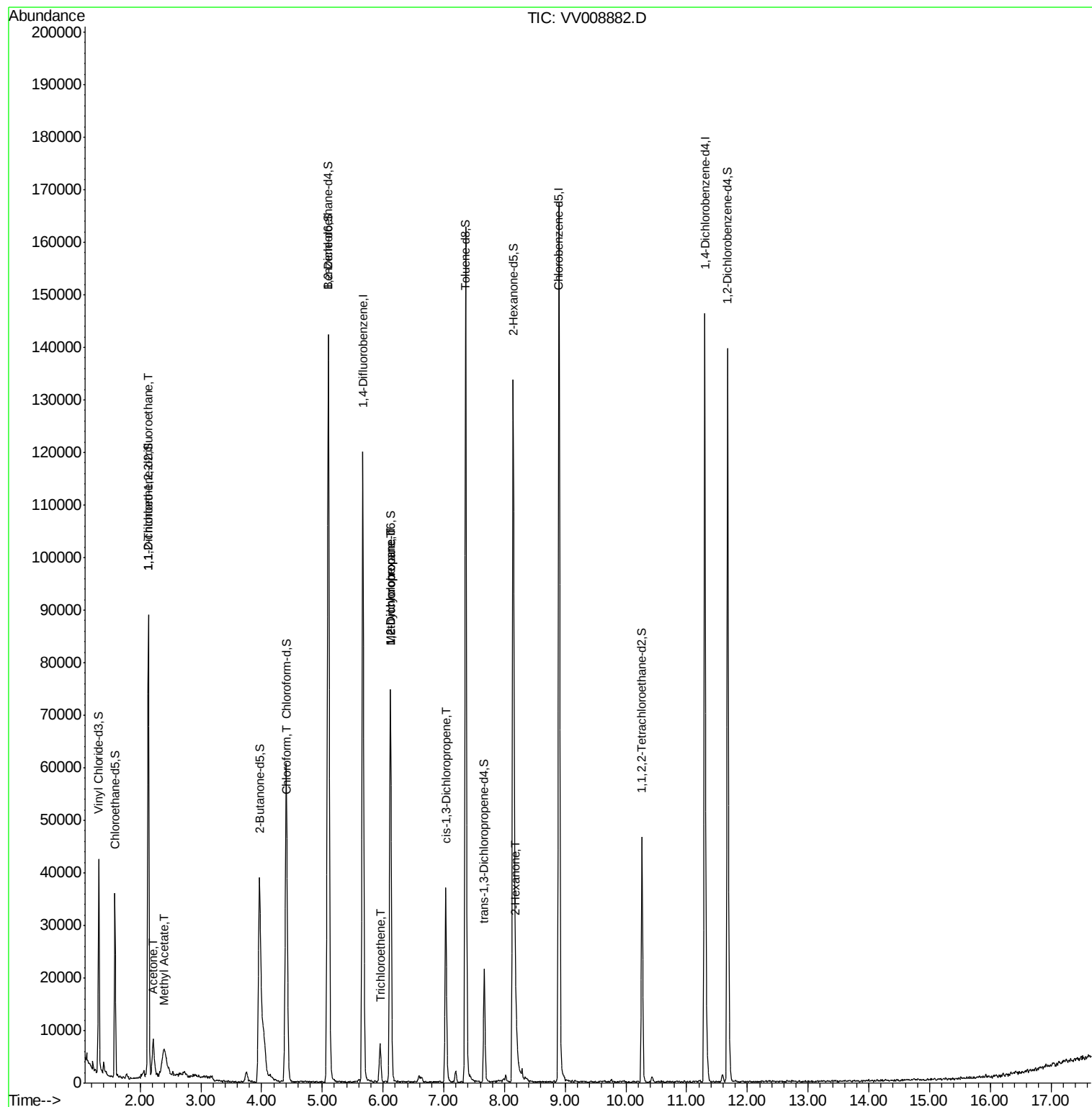
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	476	0.081	ug/L #	17
13) Acetone	2.22	43	10153	13.233	ug/L	94
15) Methyl Acetate	2.38	43	946	0.558	ug/L #	48
25) Chloroform	4.43	83	1122	0.085	ug/L #	74
34) Trichloroethene	5.96	95	662	0.081	ug/L	89
35) Methylcyclohexane	6.12	83	8953	0.692	ug/L #	26
37) 1,2-Dichloropropane	6.13	63	4080	0.592	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	893	0.092	ug/L #	63
48) 2-Hexanone	8.19	43	4699	1.907	ug/L #	92

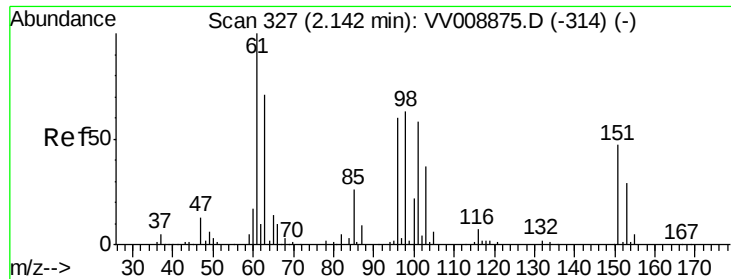
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

Instrument :

MSVOA_V

ClientSampleId :

C0TP2

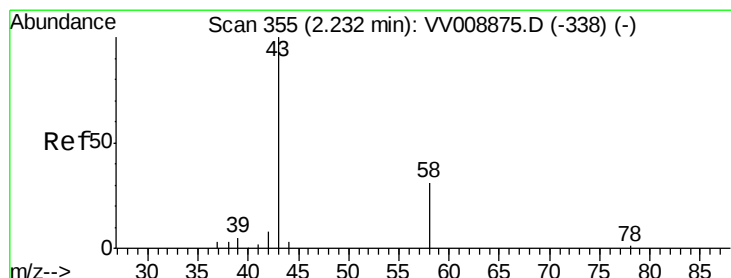
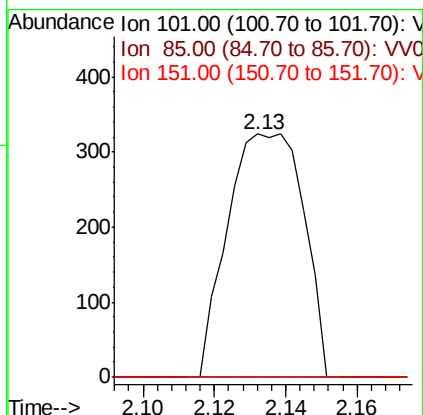
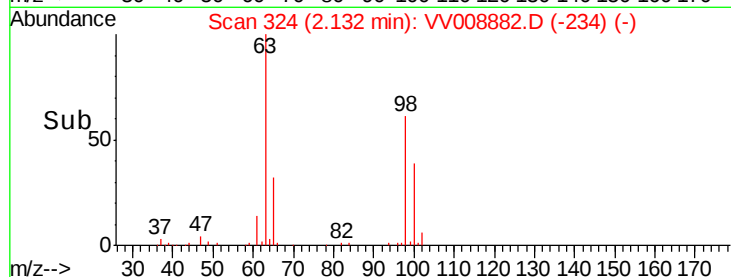
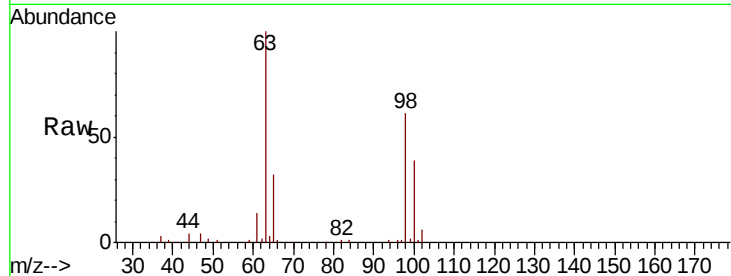
Tgt Ion:101 Resp: 476

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 65.1 97.7#



#13

Acetone

Concen: 13.233 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV008882.D

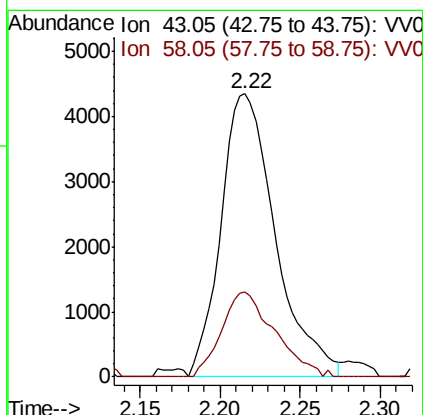
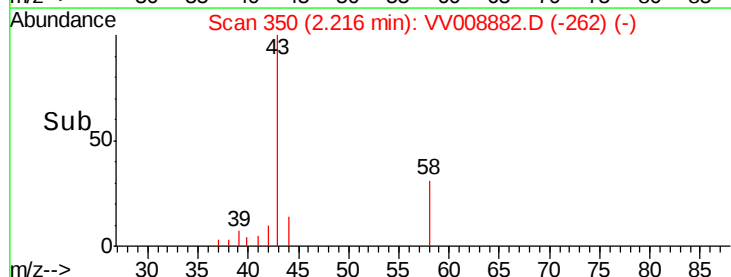
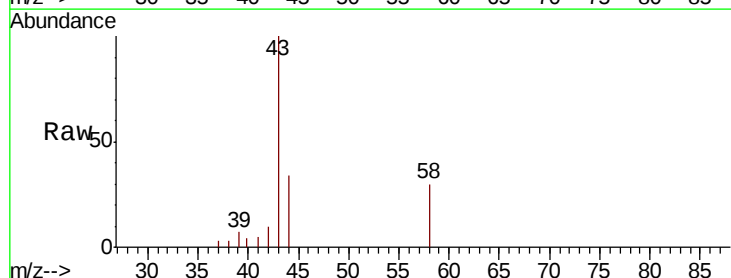
Acq: 07 Dec 2018 17:58

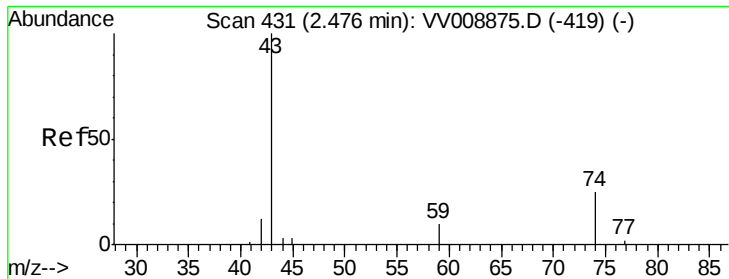
Tgt Ion: 43 Resp: 10153

Ion Ratio Lower Upper

43 100

58 29.4 0.0 52.4





#15

Methyl Acetate

Concen: 0.558 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.10 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

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MSVOA_V

ClientSampleId :

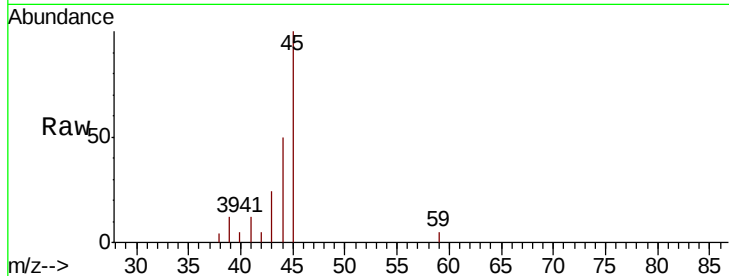
C0TP2

Tgt Ion: 43 Resp: 946

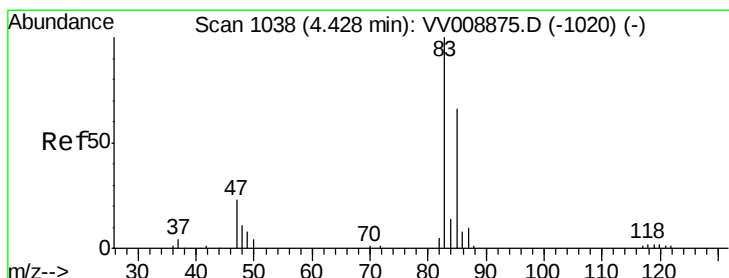
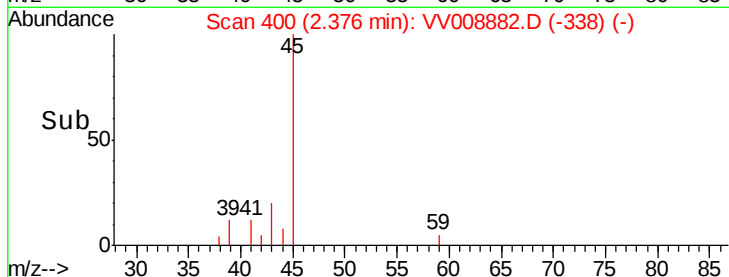
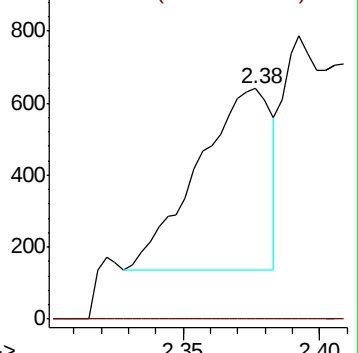
Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008882.D (-338) (-)



#25

Chloroform

Concen: 0.085 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV008882.D

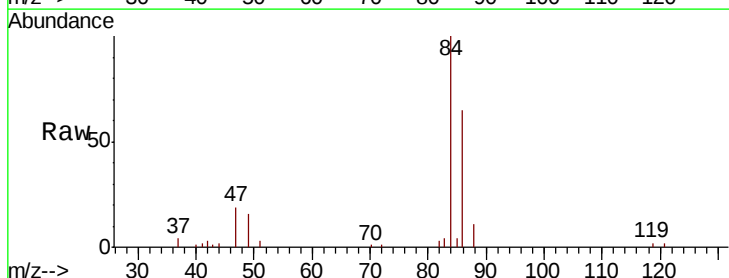
Acq: 07 Dec 2018 17:58

Tgt Ion: 83 Resp: 1122

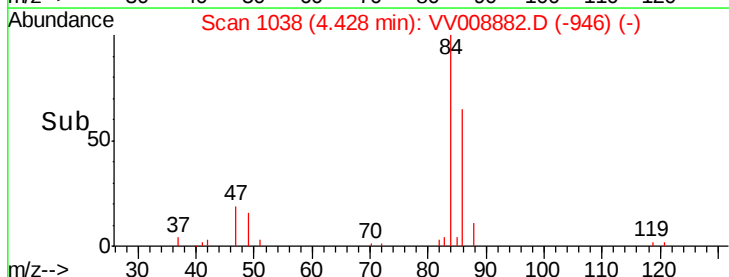
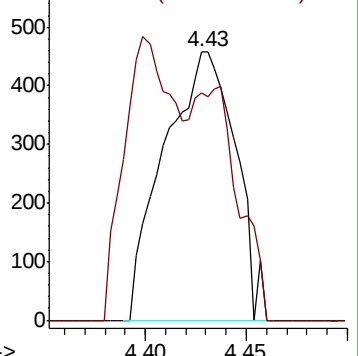
Ion Ratio Lower Upper

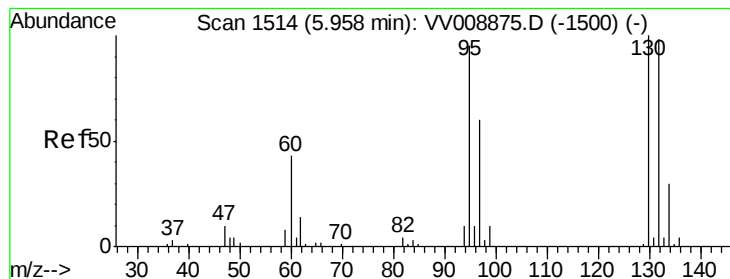
83 100

85 84.5 44.9 83.5#



Abundance Ion 83.05 (82.75 to 83.75): VV008882.D (-946) (-)





#34

Trichloroethene

Concen: 0.081 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

Instrument :

MSVOA_V

ClientSampleId :

C0TP2

Tgt Ion: 95 Resp: 662

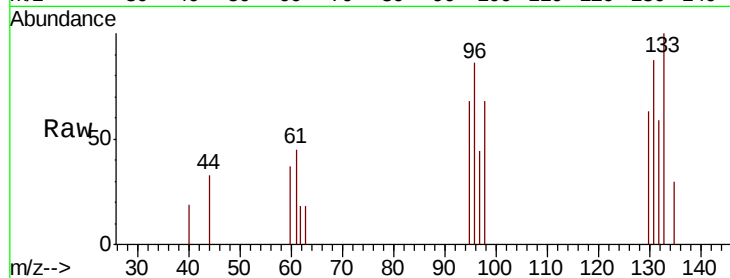
Ion Ratio Lower Upper

95 100

97 65.1 44.4 82.5

132 86.0 70.7 131.3

130 92.4 72.9 135.3

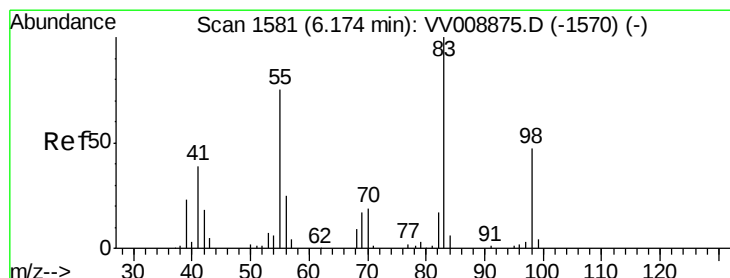
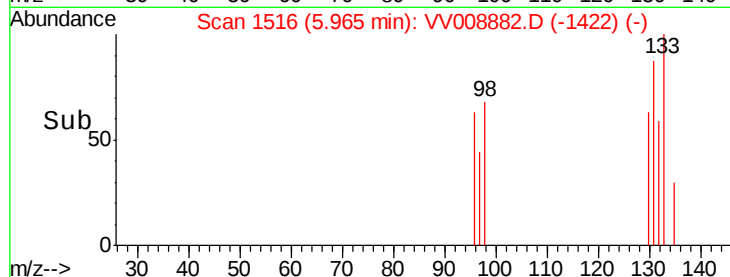
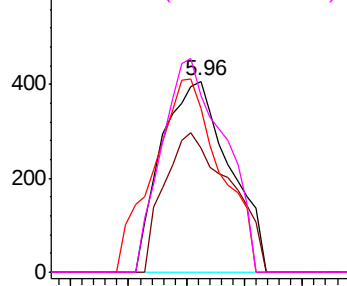


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

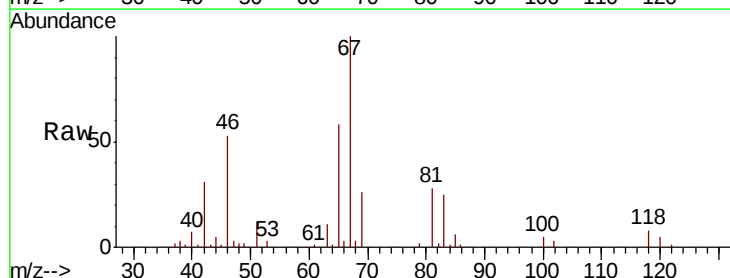
Tgt Ion: 83 Resp: 8953

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

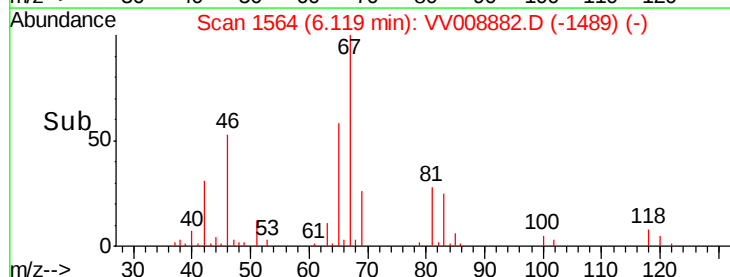
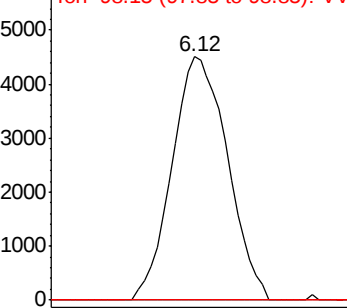
98 13.4 39.0 58.6#

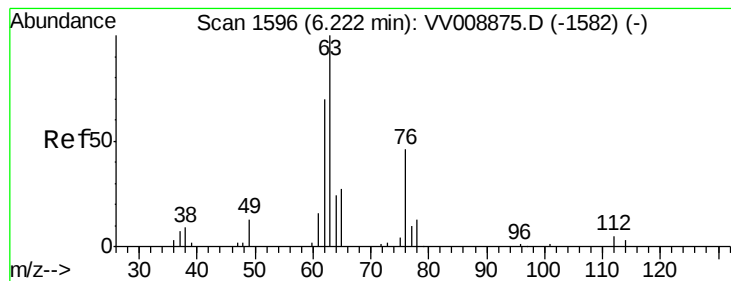


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

Instrument :

MSVOA_V

ClientSampleId :

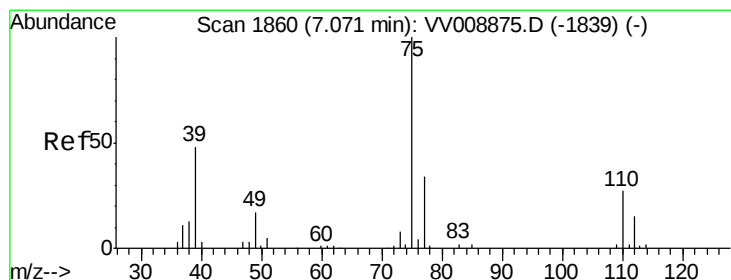
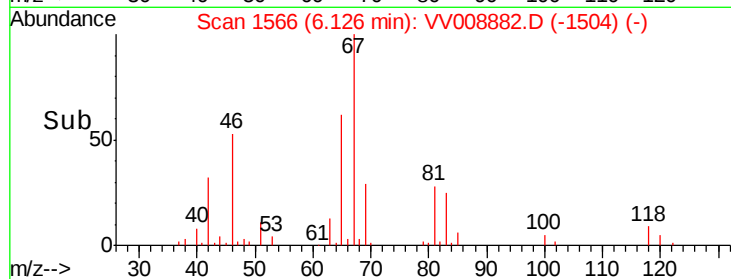
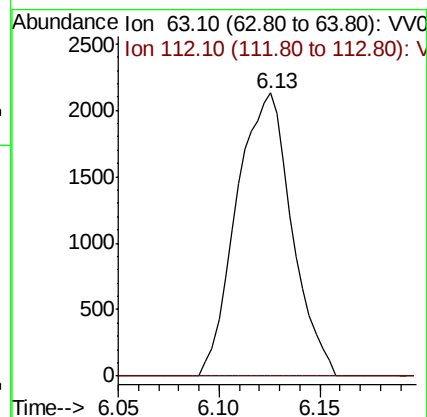
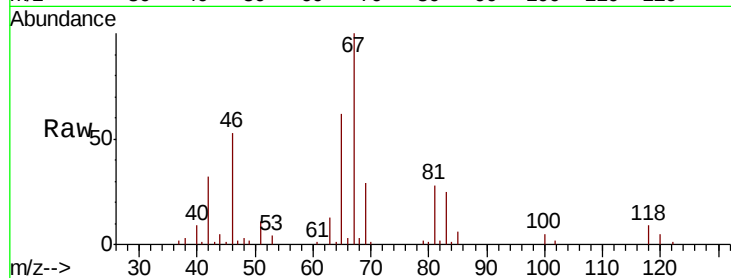
C0TP2

Tgt Ion: 63 Resp: 4080

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008882.D

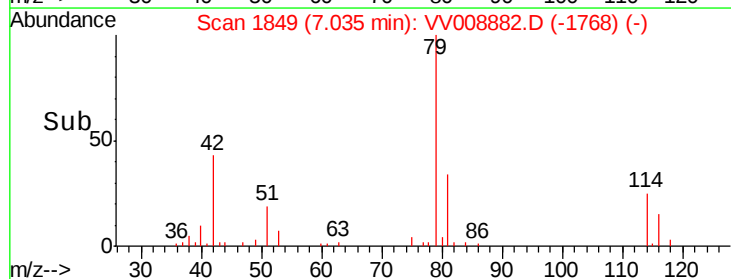
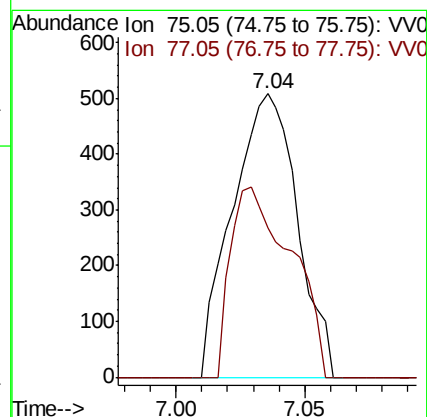
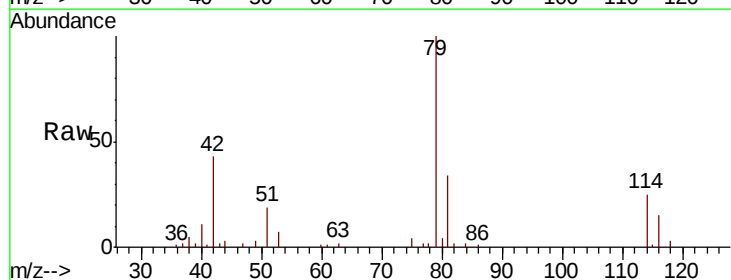
Acq: 07 Dec 2018 17:58

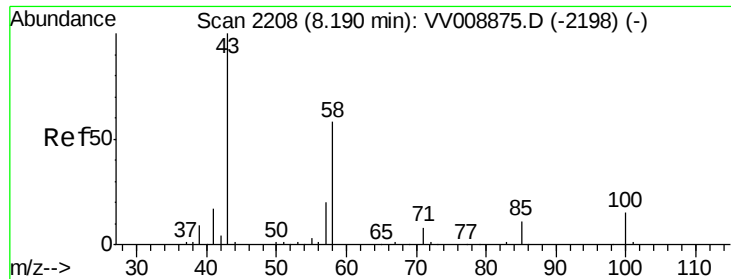
Tgt Ion: 75 Resp: 893

Ion Ratio Lower Upper

75 100

77 52.6 22.3 41.3#





#48

2-Hexanone

Concen: 1.907 ug/L

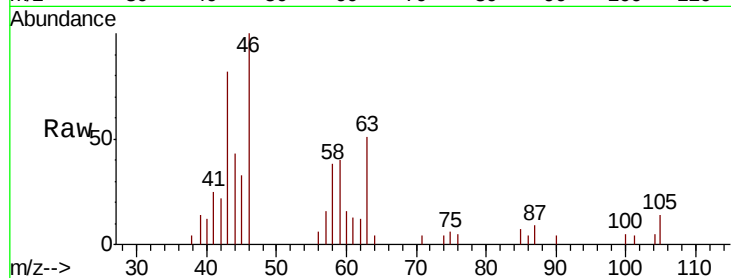
RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV008882.D

Acq: 07 Dec 2018 17:58

Instrument :
MSVOA_V
ClientSampleId :
C0TP2



Tgt Ion:	43	Resp:	4699
Ion	Ratio	Lower	Upper
43	100		
58	53.2	44.4	66.6
57	25.8	15.8	23.8#
100	6.6	10.9	16.3#

