

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008137.D
 Acq On : 06 Oct 2018 09:11
 Operator : SY/MD
 Sample : J5277-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 05:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 08 05:22:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93630	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23782	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.59	69	22026	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.14	63	35906	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	72946	52.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.41	84	54746	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	28307	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	101670	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	33418	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	89829	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	10197	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	47555	46.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23990	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	37018	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

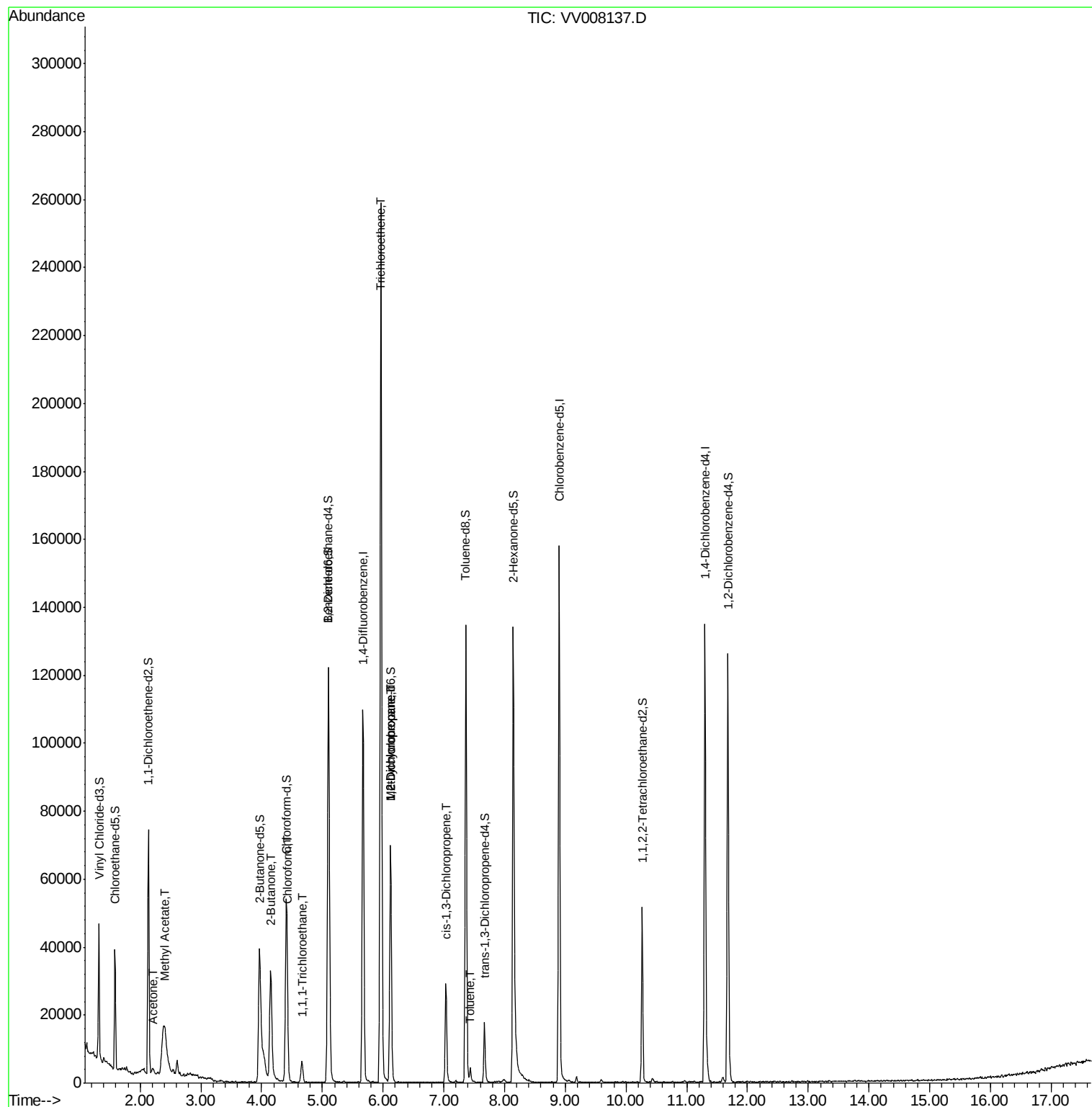
					Ovalue
13) Acetone	2.22	43	1797	1.918	ug/L 96
15) Methyl Acetate	2.41	43	9489	4.266	ug/L # 54
21) 2-Butanone	4.15	43	52236	34.563	ug/L # 49
25) Chloroform	4.43	83	1792	0.158	ug/L 96
29) 1,1,1-Trichloroethane	4.66	97	5218	0.520	ug/L 98
34) Trichloroethene	5.96	95	86808	13.037	ug/L 99
35) Methylcyclohexane	6.13	83	7962	0.856	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3710	0.603	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	636	0.081	ug/L # 39
42) Toluene	7.43	91	2900	0.120	ug/L 91

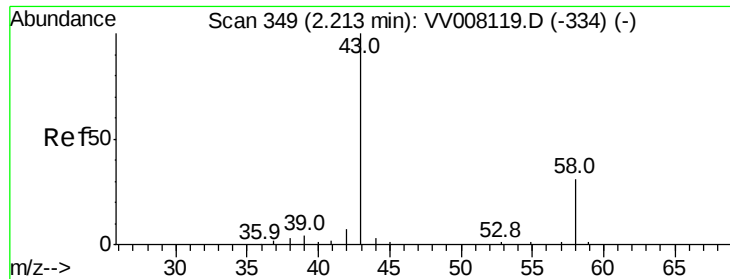
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.918 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV008137.D

Acq: 06 Oct 2018 09:11

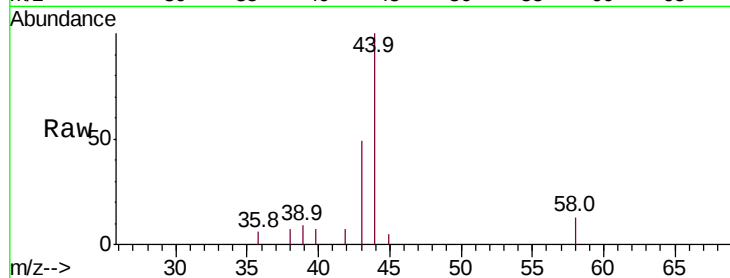
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1797

Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.2

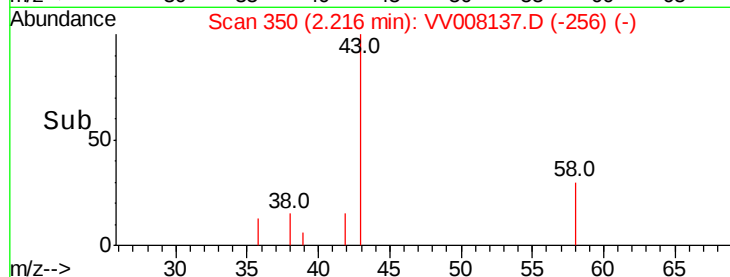


Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV008119.D (-334) (-)

2.22

Time-->



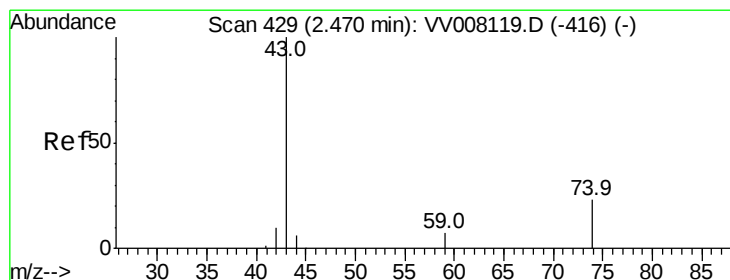
Abundance

Ion 43.05 (42.75 to 43.75): VV008137.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV008137.D (-256) (-)

2.22

Time-->



#15

Methyl Acetate

Concen: 4.266 ug/L

RT: 2.41 min Scan# 409

Delta R.T. -0.06 min

Lab File: VV008137.D

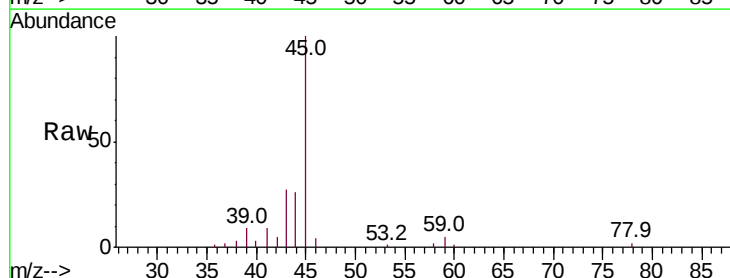
Acq: 06 Oct 2018 09:11

Tgt Ion: 43 Resp: 9489

Ion Ratio Lower Upper

43 100

74 0.5 18.1 27.1#

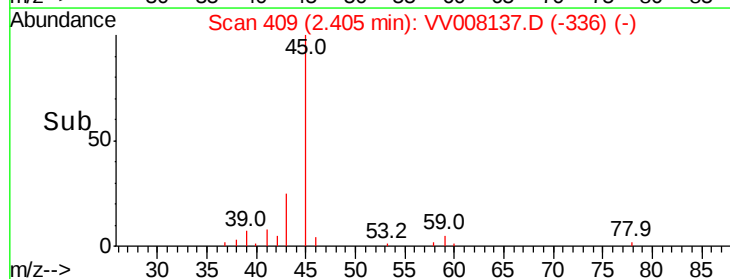


Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV008119.D (-416) (-)

2.41

Time-->



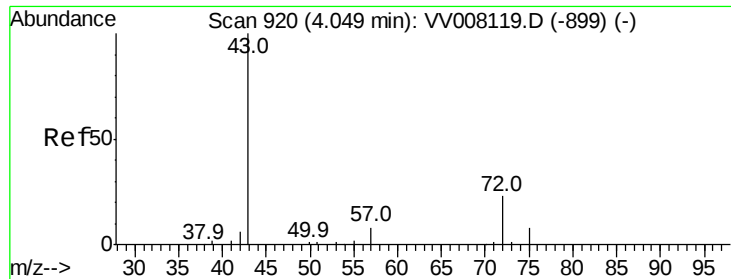
Abundance

Ion 43.05 (42.75 to 43.75): VV008137.D (-336) (-)

Ion 74.05 (73.75 to 74.75): VV008137.D (-336) (-)

2.41

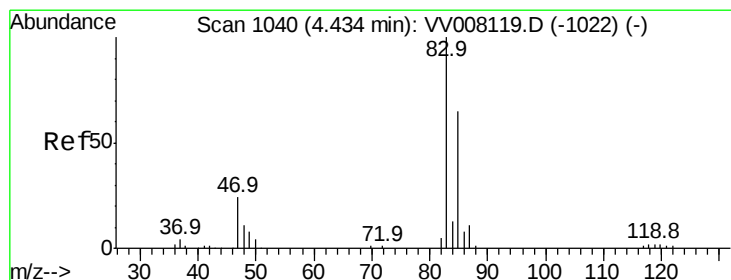
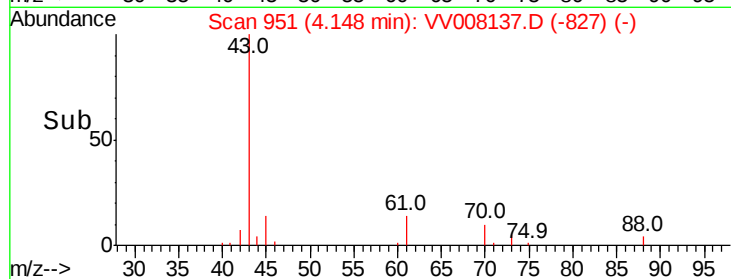
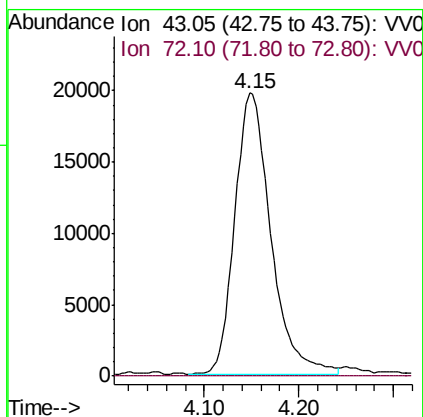
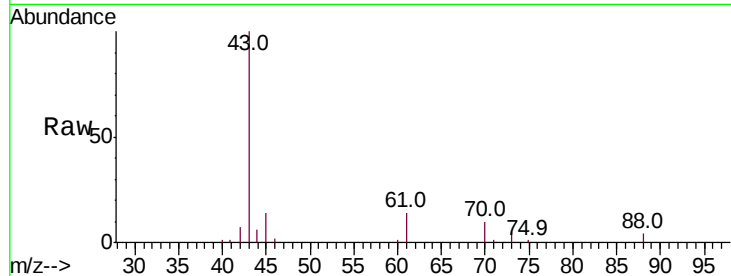
Time-->



#21
2-Butanone
Concen: 34.563 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV008137.D
Acq: 06 Oct 2018 09:11

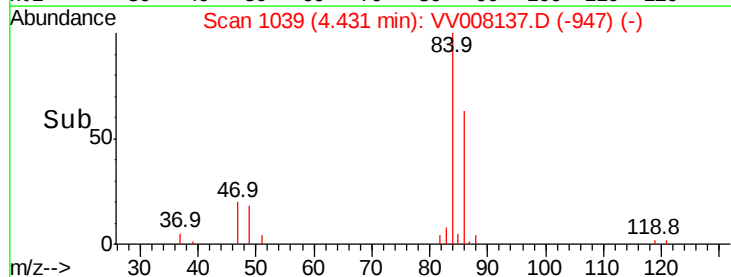
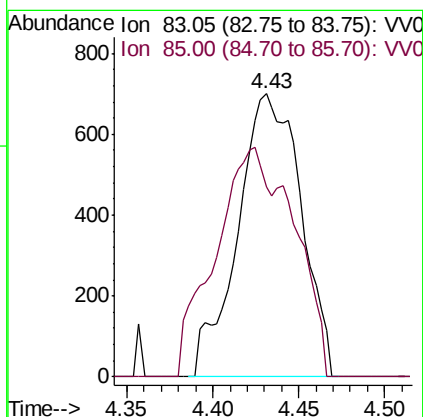
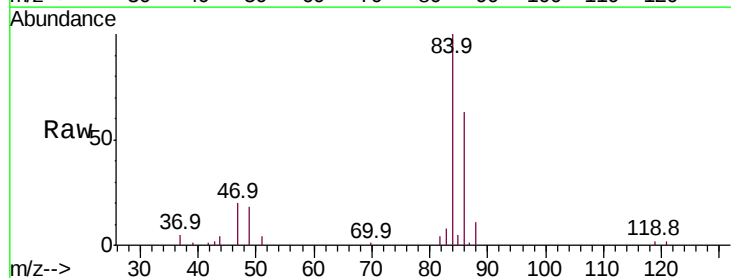
Instrument :
MSVOA_V
ClientSampled :

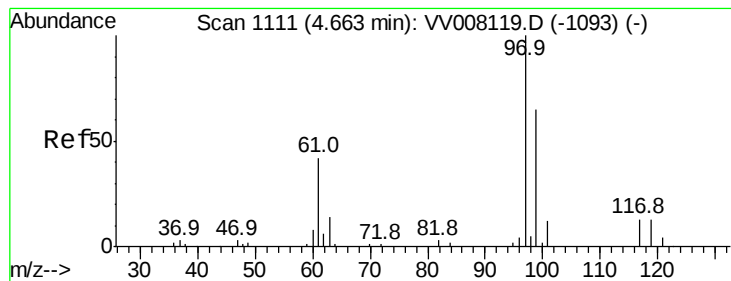
Tot Ion: 43 Resp: 52236
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.6#



#25
Chloroform
Concen: 0.158 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008137.D
Acq: 06 Oct 2018 09:11

Tgt Ion: 83 Resp: 1792
Ion Ratio Lower Upper
83 100
85 67.1 44.6 82.8





#29

1,1,1-Trichloroethane

Concen: 0.520 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008137.D

Acq: 06 Oct 2018 09:11

Instrument :
MSVOA_V
ClientSampled :

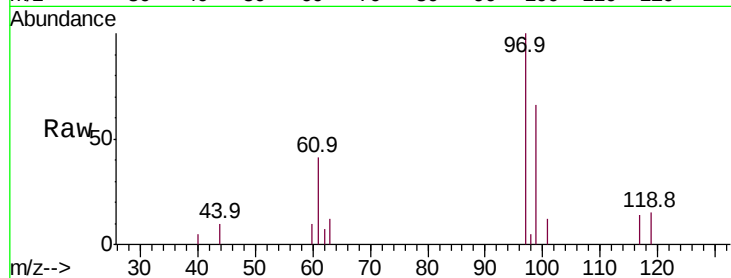
Tot Ion: 97 Resp: 5218

Ion Ratio Lower Upper

97 100

99 65.8 51.0 76.4

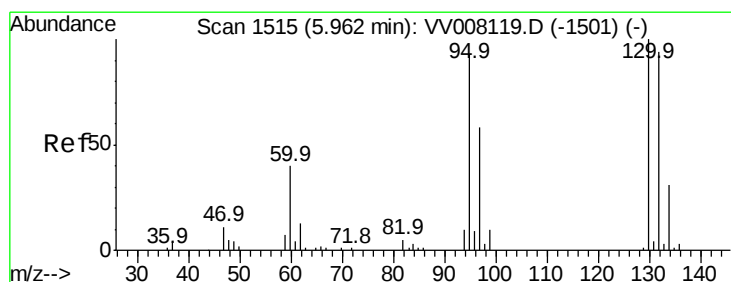
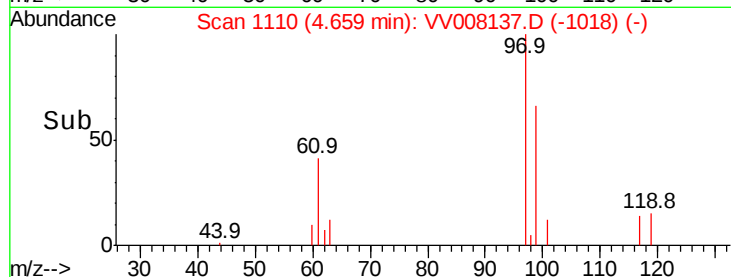
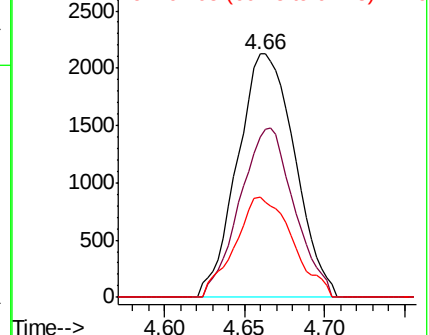
61 41.2 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008119.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VV008119.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VV008119.D (-1093) (-)



#34

Trichloroethene

Concen: 13.037 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008137.D

Acq: 06 Oct 2018 09:11

Tgt Ion: 95 Resp: 86808

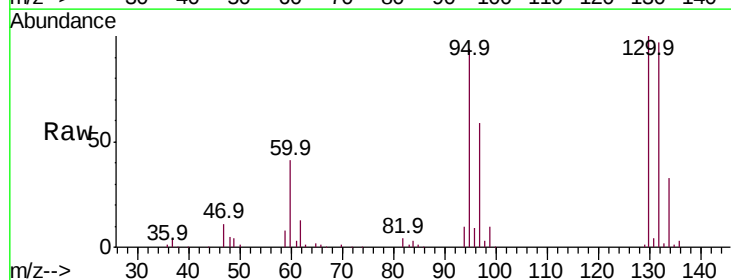
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.5

132 103.9 73.6 136.6

130 106.9 76.2 141.6

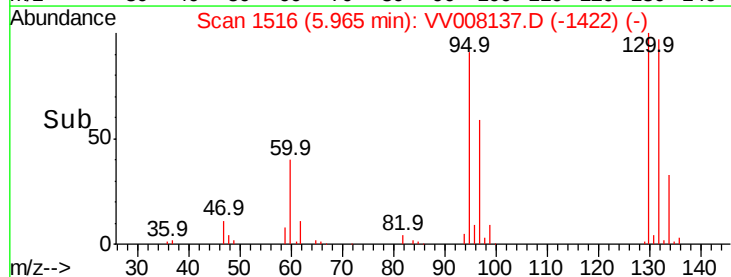
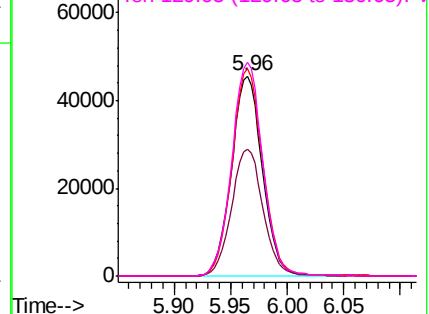


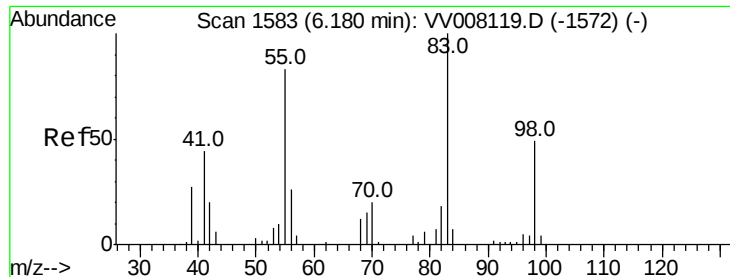
Abundance Ion 95.00 (94.70 to 95.70): VV008119.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV008119.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV008119.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV008119.D (-1501) (-)





#35

Methylcyclohexane

Concen: 0.856 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008137.D

Acq: 06 Oct 2018 09:11

Instrument :
MSVOA_V
ClientSampled :

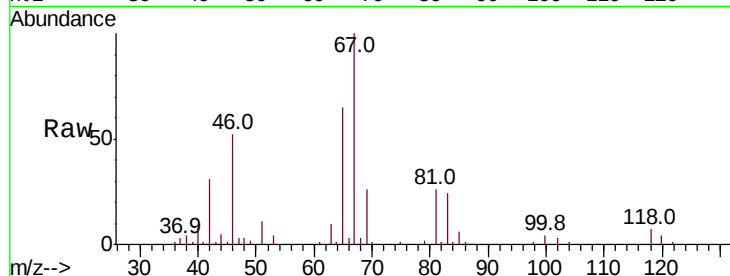
Tot Ion: 83 Resp: 7962

Ion Ratio Lower Upper

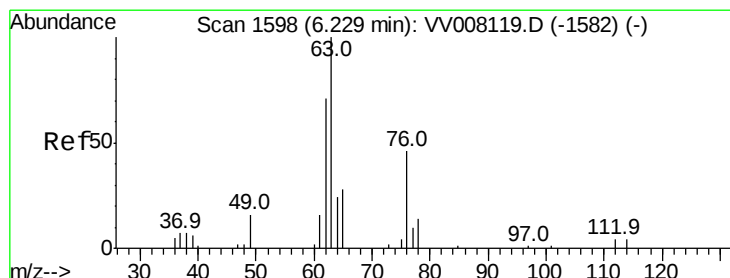
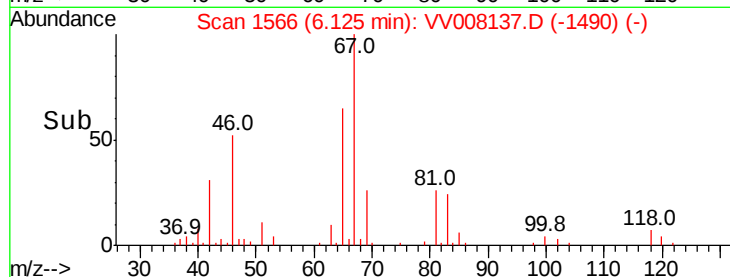
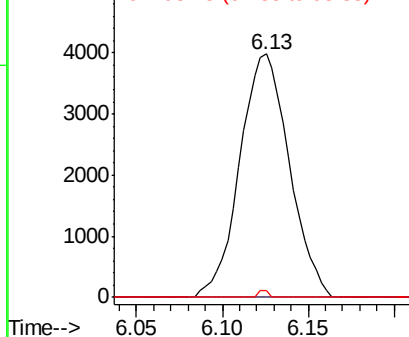
83 100

55 0.0 63.6 95.4#

98 1.2 38.3 57.5#



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: 0.603 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008137.D

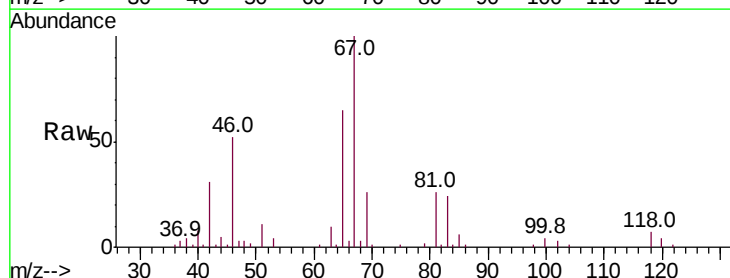
Acq: 06 Oct 2018 09:11

Tgt Ion: 63 Resp: 3710

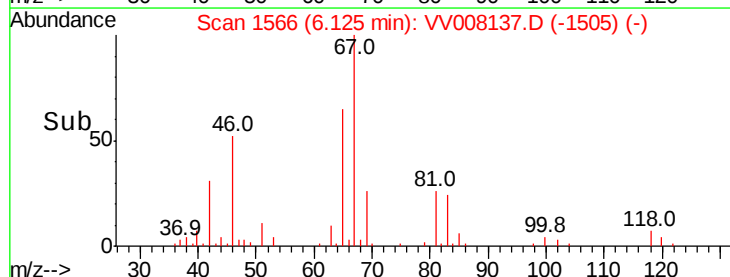
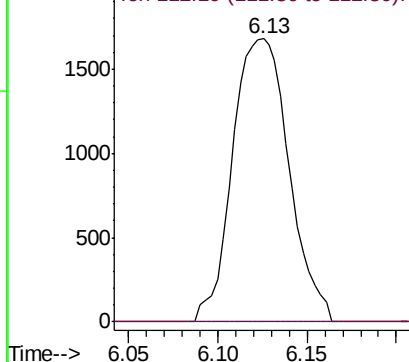
Ion Ratio Lower Upper

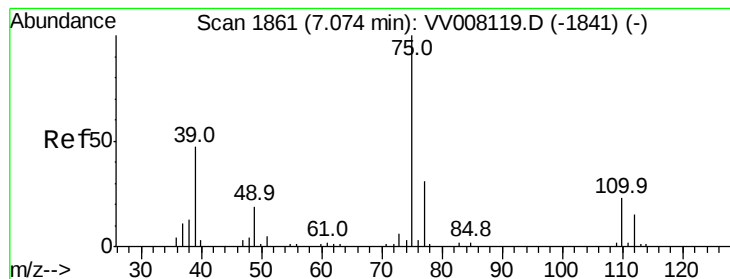
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



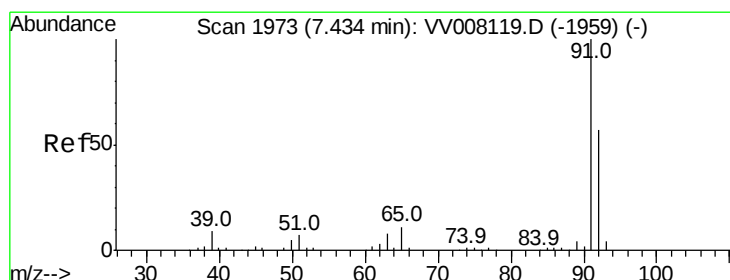
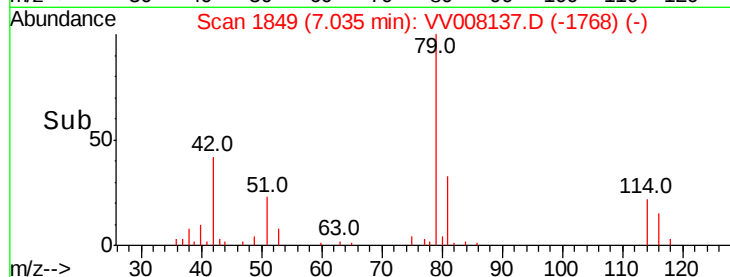
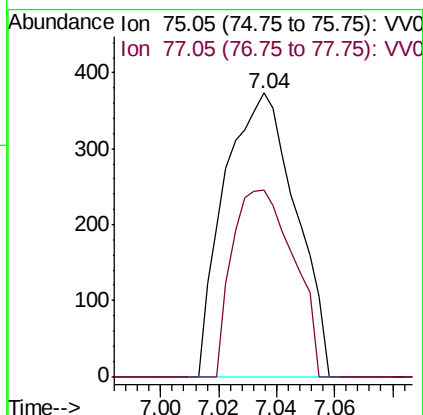
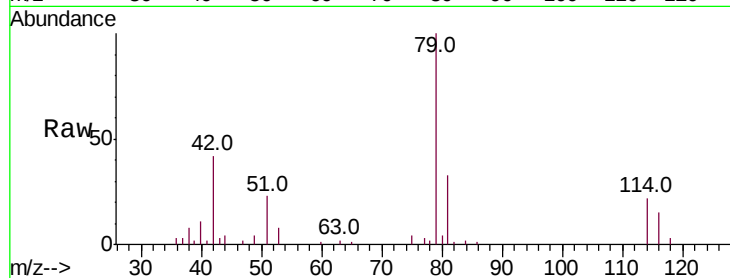


#39

cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008137.D
 Acq: 06 Oct 2018 09:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 636
 Ion Ratio Lower Upper
 75 100
 77 65.7 22.1 41.1#



#42

Toluene
 Concen: 0.120 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008137.D
 Acq: 06 Oct 2018 09:11

Tgt Ion: 91 Resp: 2900
 Ion Ratio Lower Upper
 91 100
 92 50.1 39.9 74.1

