

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008136.D
 Acq On : 06 Oct 2018 08:44
 Operator : SY/MD
 Sample : J5277-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 05:28:12 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	95471	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41272	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24460	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.59	69	21950	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.14	63	36872	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	73847	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.41	84	55909	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	28809	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	104903	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	34141	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	91072	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.67	79	10533	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	47853	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24120	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38161	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

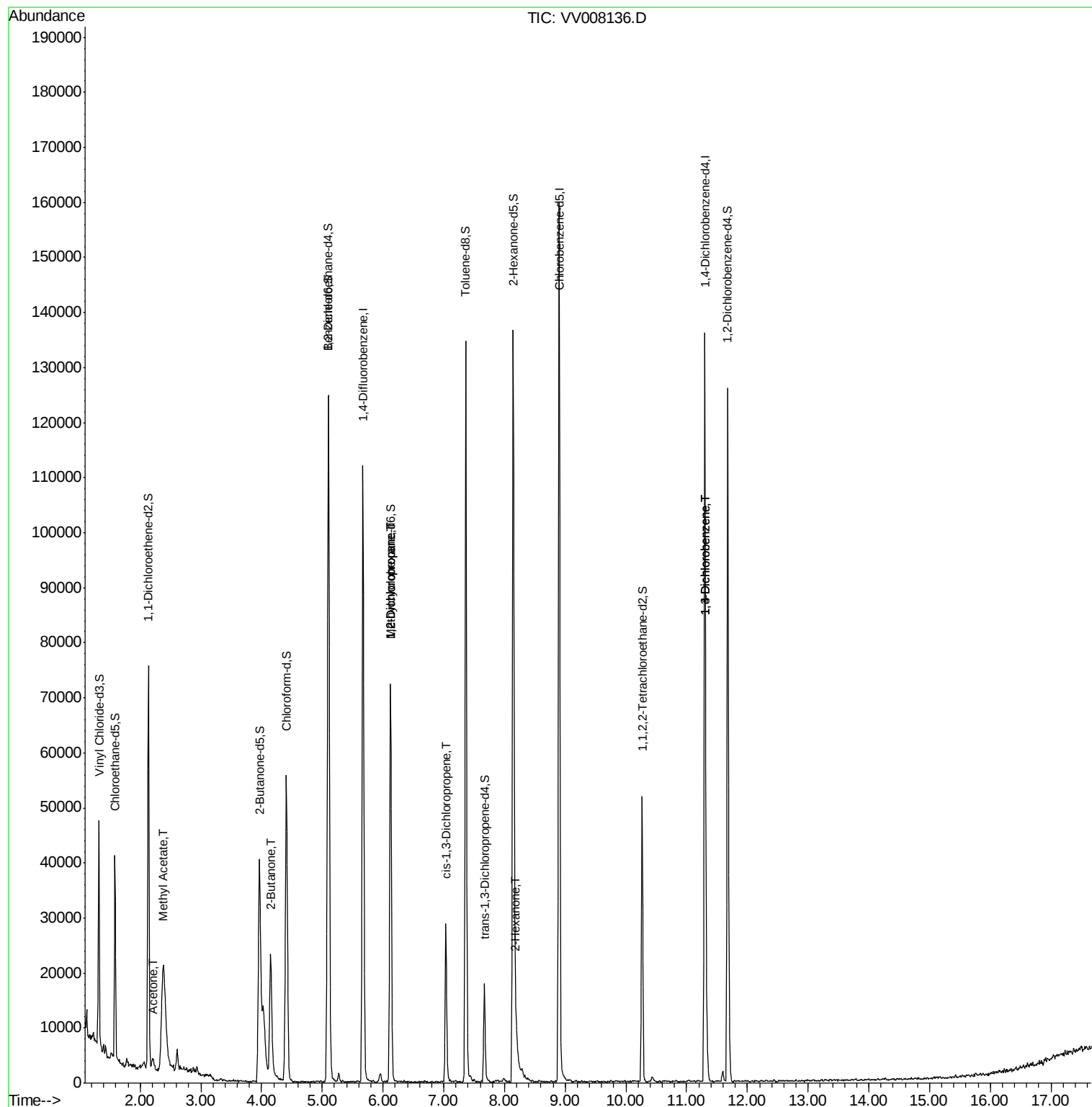
					Ovalue
13) Acetone	2.21	43	2251	2.356	ug/L 96
15) Methyl Acetate	2.38	43	14065	6.202	ug/L # 53
21) 2-Butanone	4.15	43	35645	23.130	ug/L # 49
35) Methylcyclohexane	6.13	83	8145	0.856	ug/L # 19
37) 1,2-Dichloropropane	6.13	63	4023	0.639	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	787	0.097	ug/L # 57
48) 2-Hexanone	8.19	43	3573	1.475	ug/L # 62
62) 1,3-Dichlorobenzene	11.32	146	1489	0.121	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	1489	0.119	ug/L 96

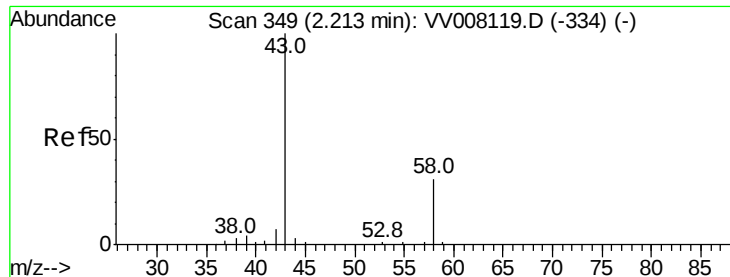
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 08 05:22:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.356 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008136.D

Acq: 06 Oct 2018 08:44

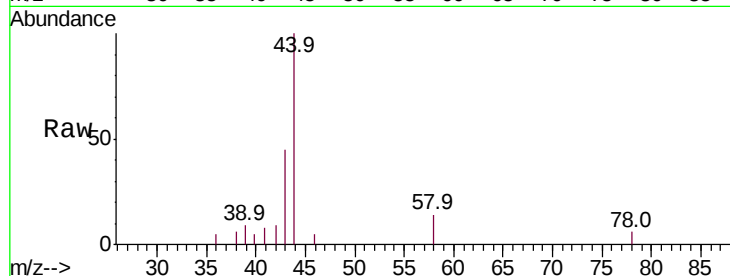
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2251

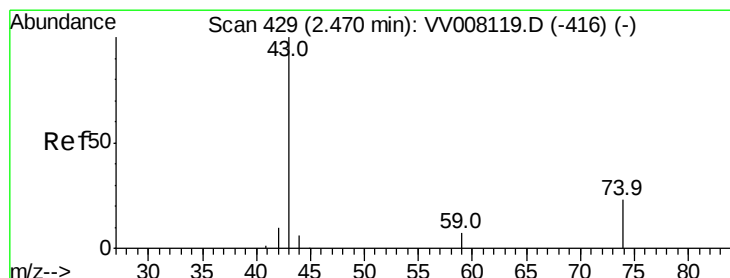
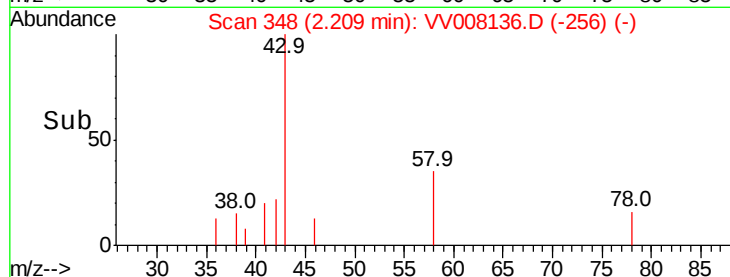
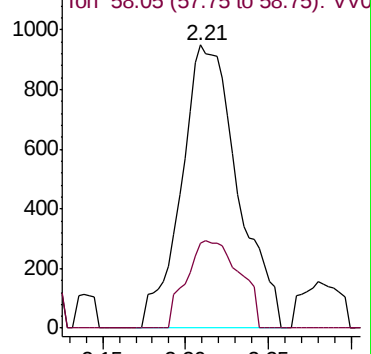
Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.2



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



#15

Methyl Acetate

Concen: 6.202 ug/L

RT: 2.38 min Scan# 401

Delta R.T. -0.09 min

Lab File: VV008136.D

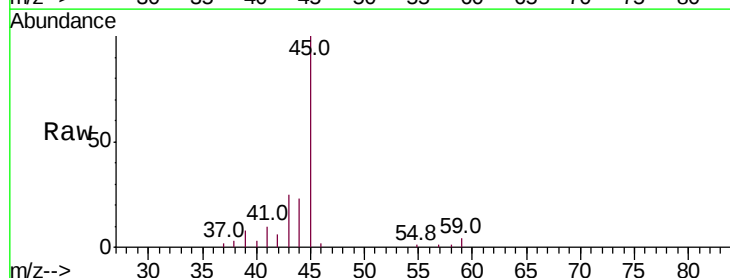
Acq: 06 Oct 2018 08:44

Tgt Ion: 43 Resp: 14065

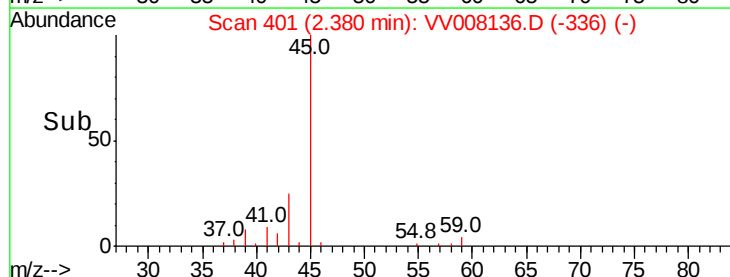
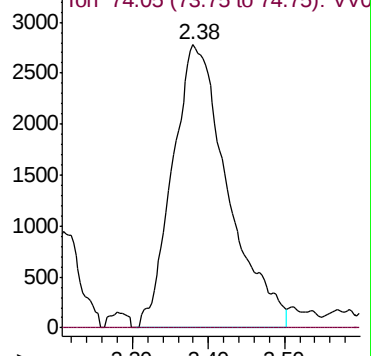
Ion Ratio Lower Upper

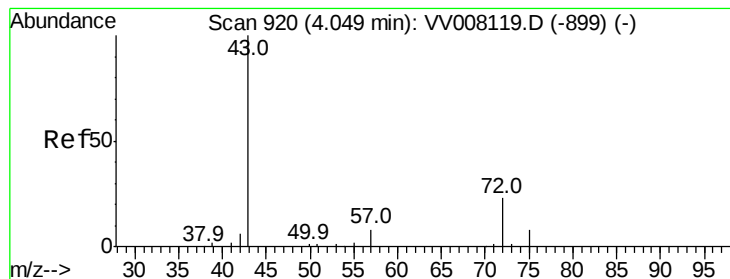
43 100

74 0.0 18.1 27.1#



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





#21

2-Butanone

Concen: 23.130 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008136.D

Acq: 06 Oct 2018 08:44

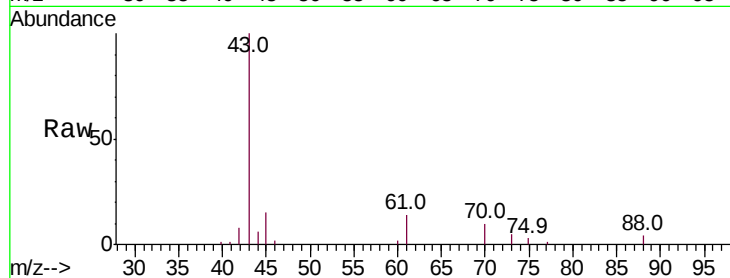
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 35645

Ion Ratio Lower Upper

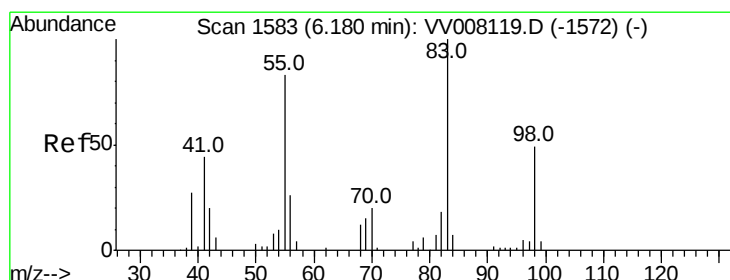
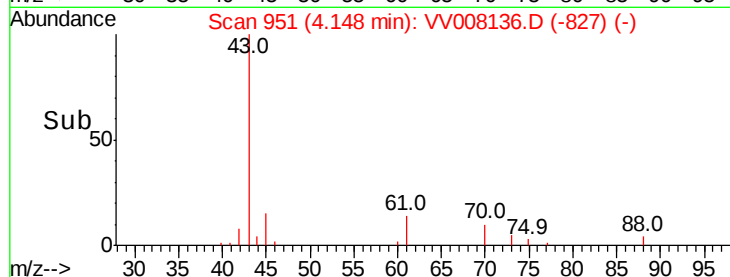
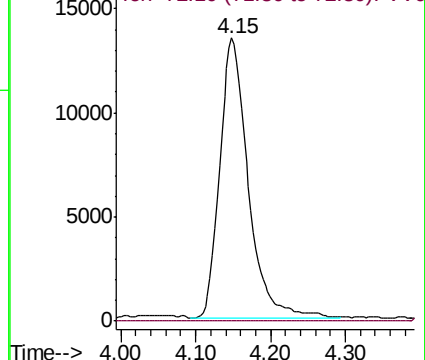
43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV008119.D (-899) (-)



#35

Methylcyclohexane

Concen: 0.856 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008136.D

Acq: 06 Oct 2018 08:44

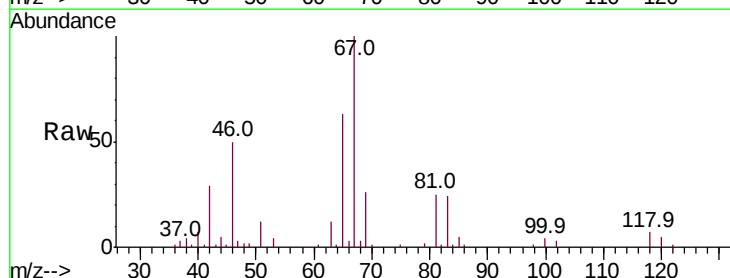
Tgt Ion: 83 Resp: 8145

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

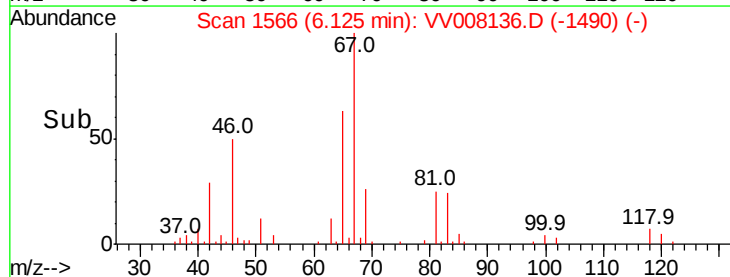
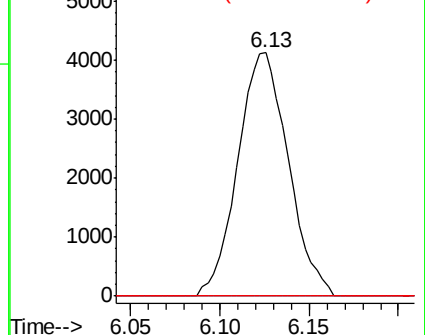
98 3.1 38.3 57.5#

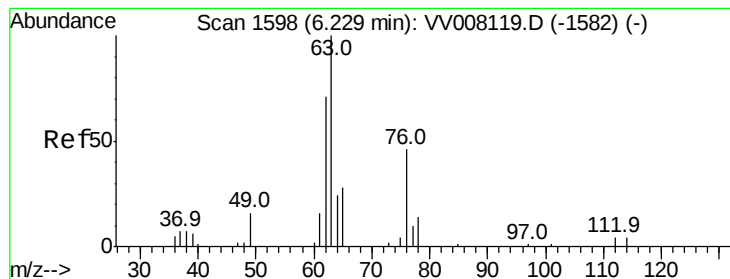


Abundance Ion 83.15 (82.85 to 83.85): VV008119.D (-1572) (-)

Ion 55.10 (54.80 to 55.80): VV008119.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV008119.D (-1572) (-)





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008136.D

Acq: 06 Oct 2018 08:44

Instrument :

MSVOA_V

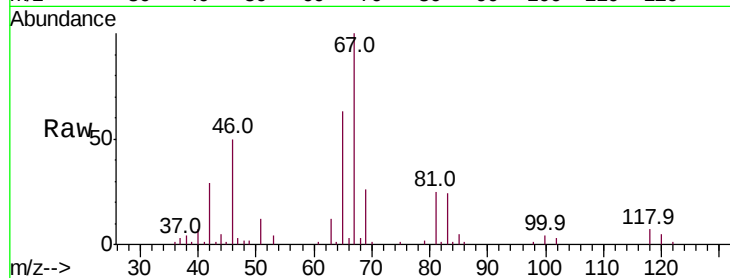
ClientSampleId :

Tot Ion: 63 Resp: 4023

Ion Ratio Lower Upper

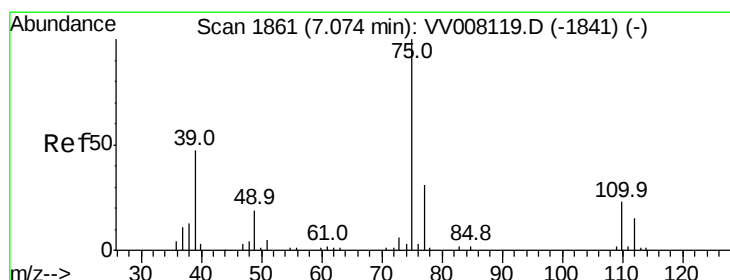
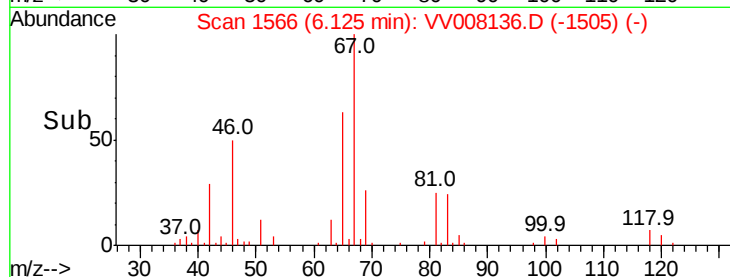
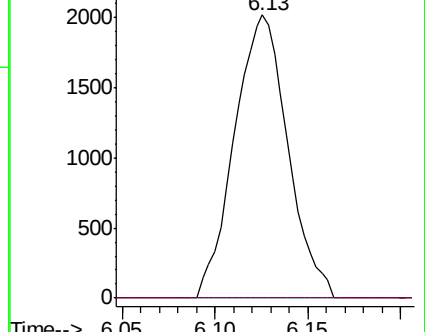
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008119.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV008119.D (-1582) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008136.D

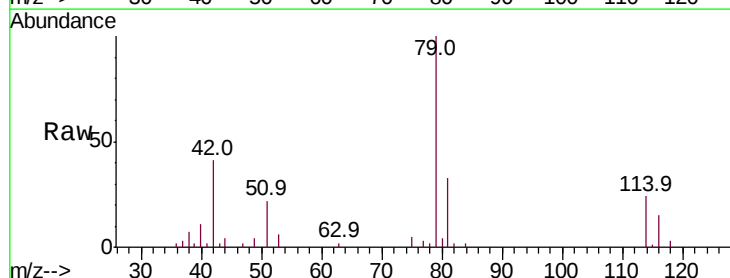
Acq: 06 Oct 2018 08:44

Tgt Ion: 75 Resp: 787

Ion Ratio Lower Upper

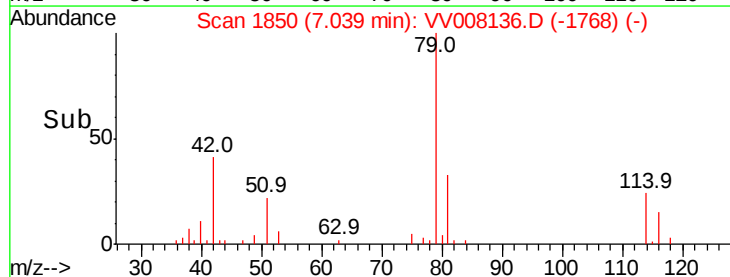
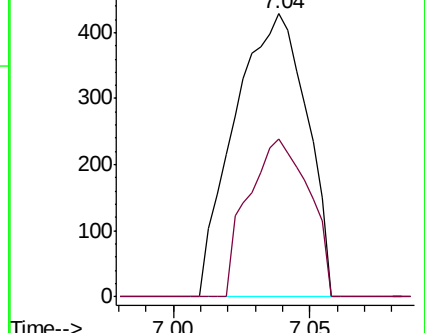
75 100

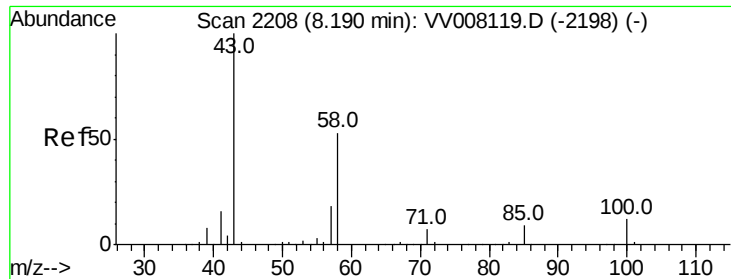
77 55.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008119.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008119.D (-1841) (-)

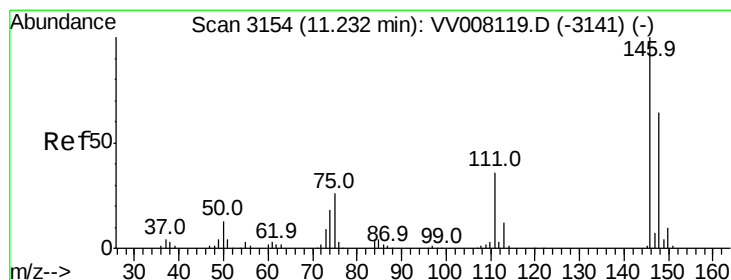
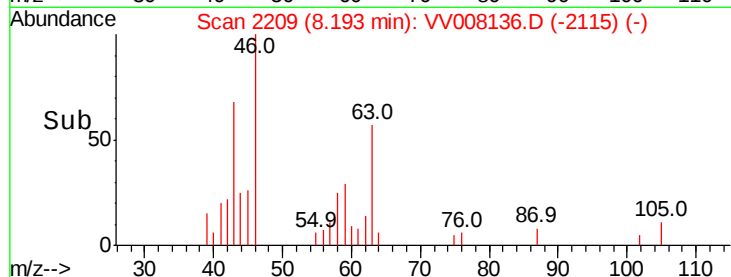
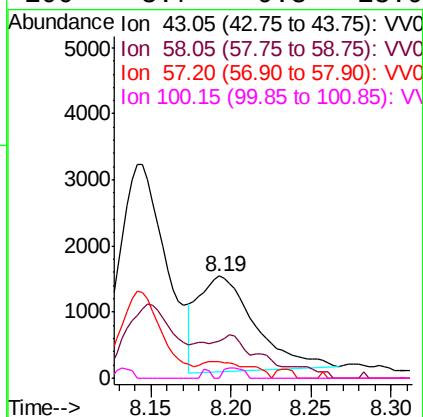
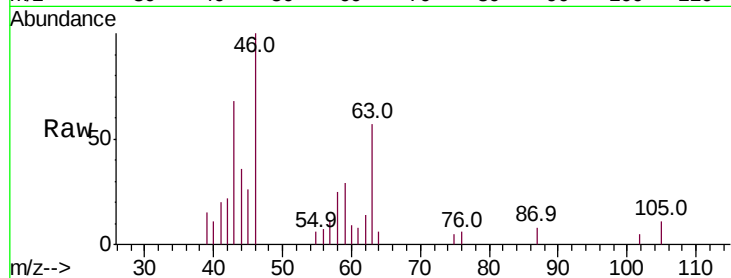




#48
2-Hexanone
Concen: 1.475 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008136.D
Acq: 06 Oct 2018 08:44

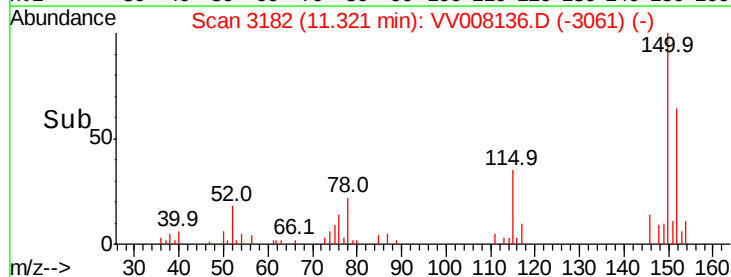
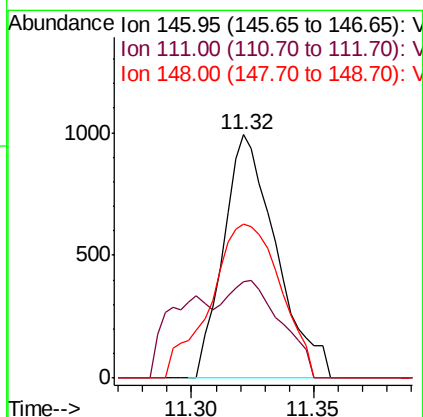
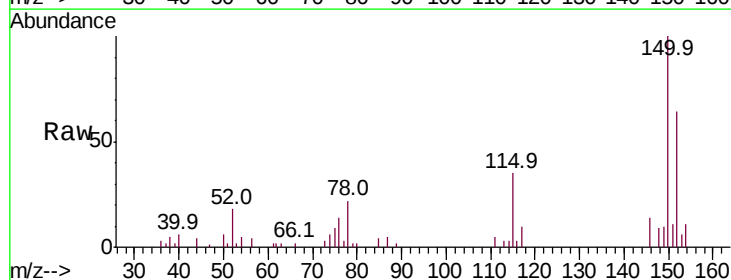
Instrument :
MSVOA_V
ClientSampled :

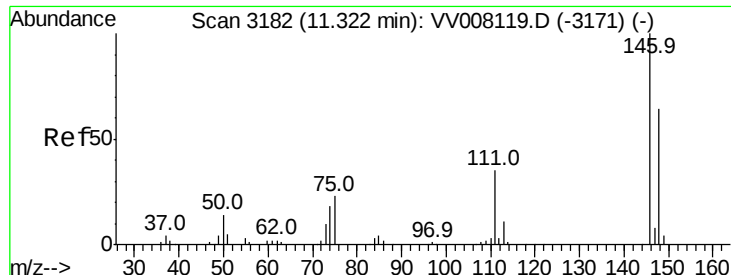
Tot Ion: 43 Resp: 3573
Ion Ratio Lower Upper
43 100
58 20.8 40.5 60.7#
57 2.7 14.6 22.0#
100 3.7 9.3 13.9#



#62
1,3-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.09 min
Lab File: VV008136.D
Acq: 06 Oct 2018 08:44

Tgt Ion: 146 Resp: 1489
Ion Ratio Lower Upper
146 100
111 39.7 25.8 48.0
148 63.4 44.4 82.4





#63

1,4-Dichlorobenzene

Concen: 0.119 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008136.D

Acq: 06 Oct 2018 08:44

Instrument :

MSVOA_V

ClientSampleId :

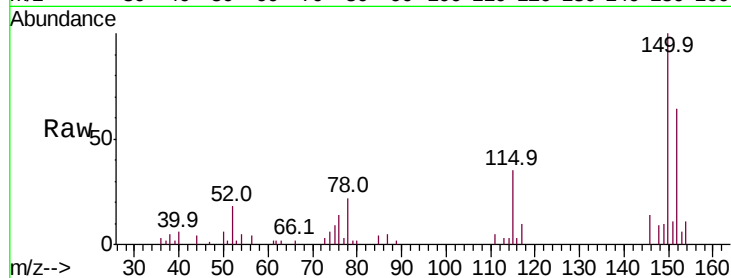
Tot Ion:146 Resp: 1489

Ion Ratio Lower Upper

146 100

111 39.7 24.2 45.0

148 63.4 44.0 81.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

