

Data File : VV008179.D
Acq On : 09 Oct 2018 03:30
Operator : SY/MD
Sample : J5280-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYK0

Quant Time: Oct 09 04:10:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83344	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23793	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.59	69	20194	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.14	63	35821	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.96	46	62489	50.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	4.41	84	50392	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	25919	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	96063	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	31626	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	86279	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	9788	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	38007	42.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20966	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33982	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

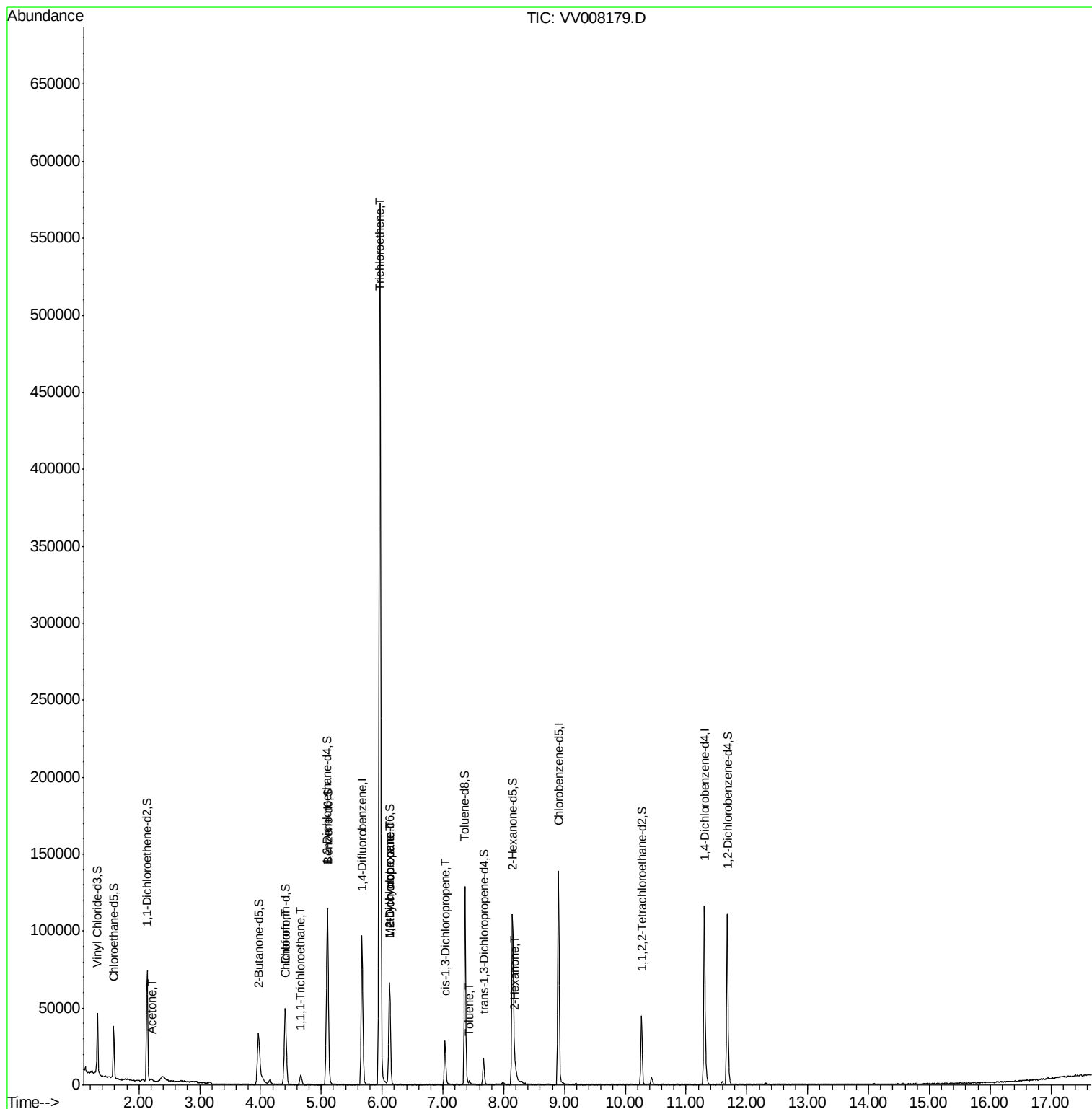
					Qvalue
13) Acetone	2.21	43	1539	1.845	ug/L 60
25) Chloroform	4.43	83	1272	0.126	ug/L 80
29) 1,1,1-Trichloroethane	4.66	97	5335	0.600	ug/L 98
34) Trichloroethene	5.96	95	194431	32.966	ug/L 99
35) Methylcyclohexane	6.13	83	7545	0.916	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	3464	0.635	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	726	0.104	ug/L # 81
42) Toluene	7.44	91	1882	0.088	ug/L 93
48) 2-Hexanone	8.19	43	4791	2.283	ug/L # 85

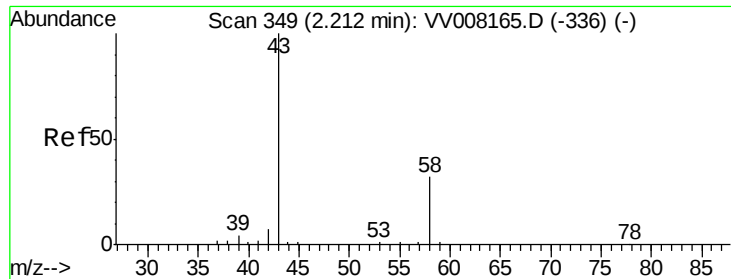
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.845 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Instrument :

MSVOA_V

ClientSampleId :

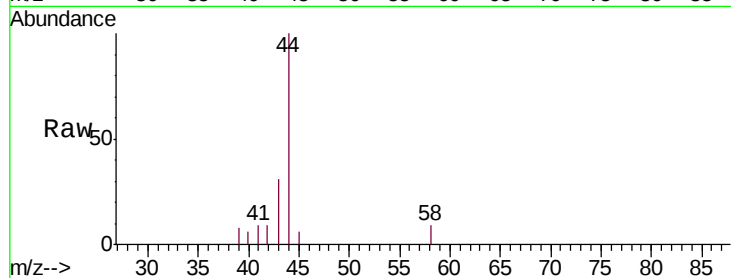
BEYK0

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

58 9.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008165.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008165.D (-336) (-)

2.21

600

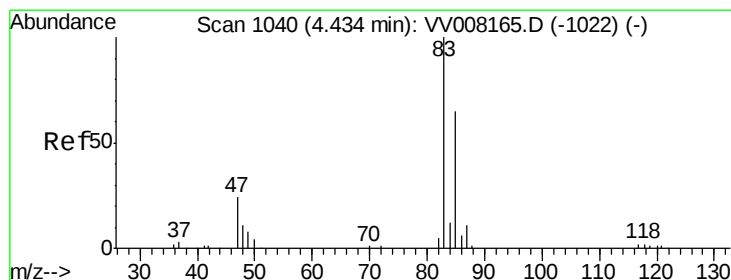
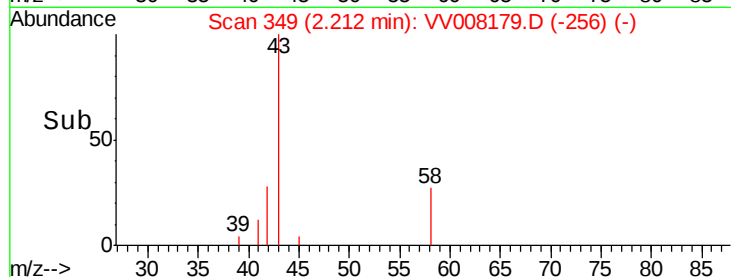
400

200

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 0.126 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VV008179.D

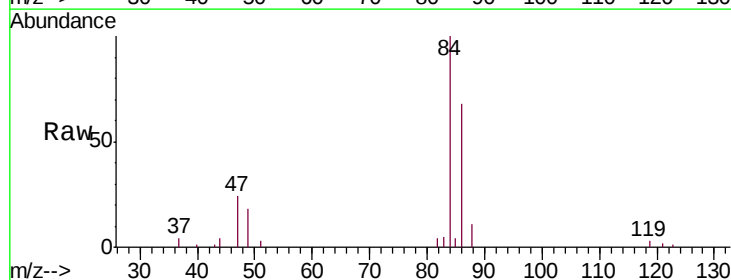
Acq: 09 Oct 2018 03:30

Tgt Ion: 83 Resp: 1272

Ion Ratio Lower Upper

83 100

85 79.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008165.D (-1022) (-)

Ion 85.00 (84.70 to 85.70): VV008165.D (-1022) (-)

4.43

500

400

300

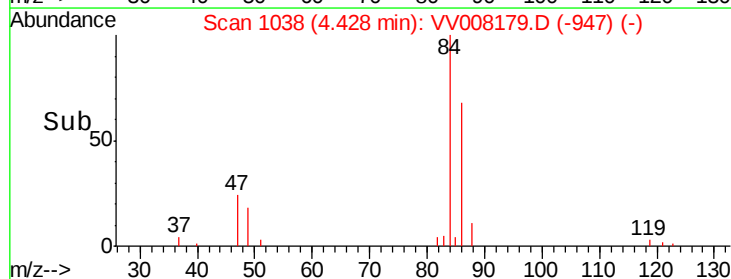
200

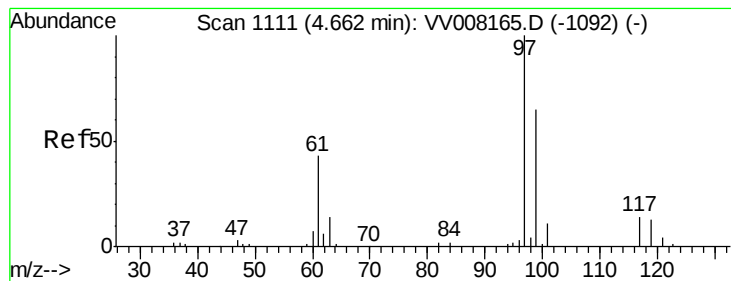
100

0

4.40 4.45

Time-->





#29

1,1,1-Trichloroethane

Concen: 0.600 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Instrument :

MSVOA_V

ClientSampleId :

BEYK0

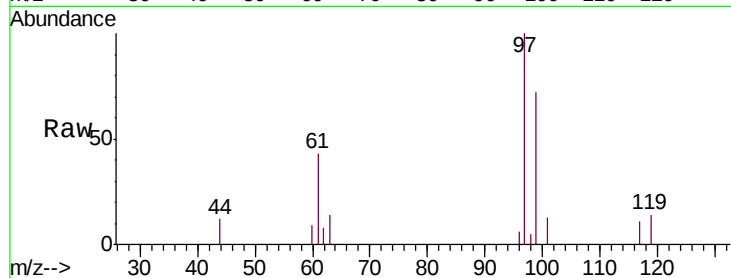
Tgt Ion: 97 Resp: 5335

Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

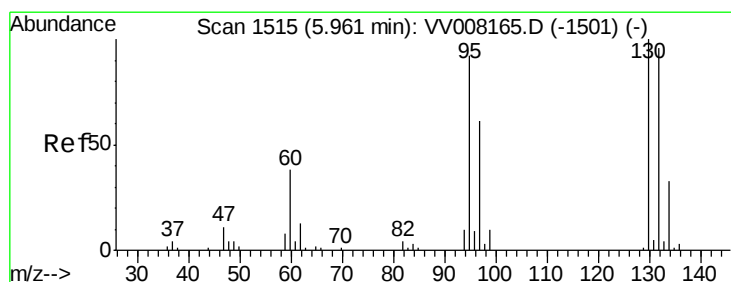
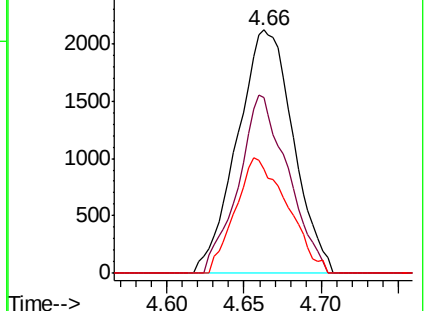
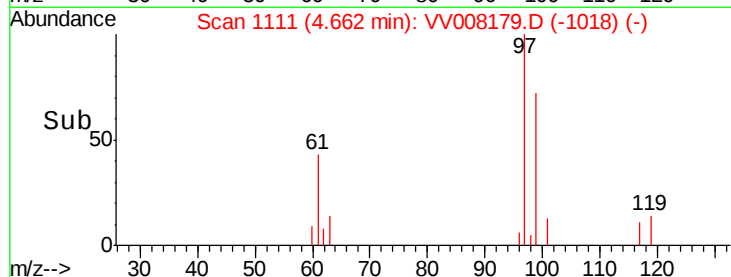
61 43.9 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008179.D (-1018) (-)

Ion 99.05 (98.75 to 99.75): VV008179.D (-1018) (-)

Ion 61.05 (60.75 to 61.75): VV008179.D (-1018) (-)



#34

Trichloroethene

Concen: 32.966 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Tgt Ion: 95 Resp: 194431

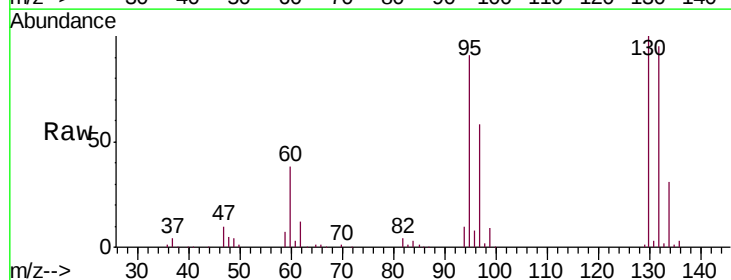
Ion Ratio Lower Upper

95 100

97 63.4 44.9 83.5

132 104.2 73.6 136.6

130 109.8 76.2 141.6

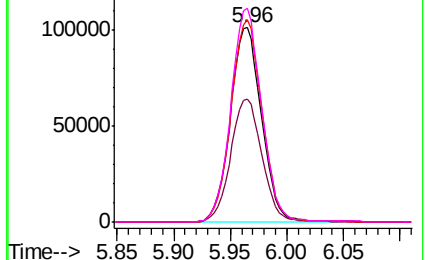
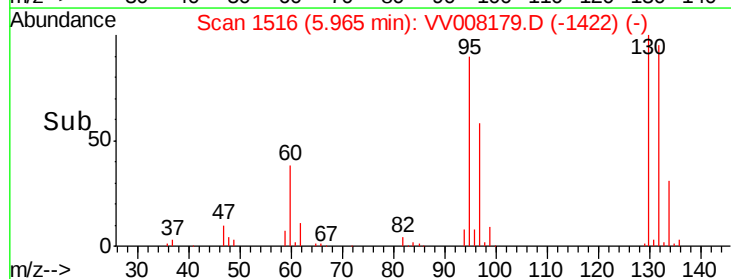


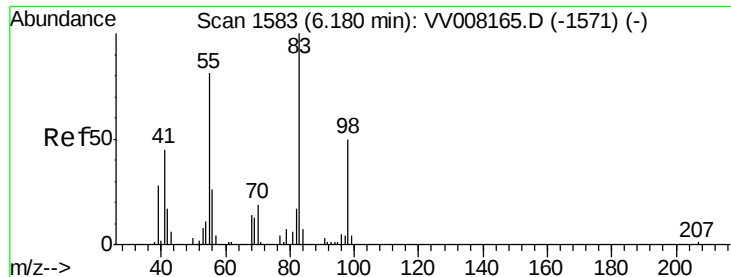
Abundance Ion 95.00 (94.70 to 95.70): VV008179.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008179.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008179.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008179.D (-1422) (-)





#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008179.D

Acq: 09 Oct 2018 03:30

Instrument :

MSVOA_V

ClientSampleId :

BEYK0

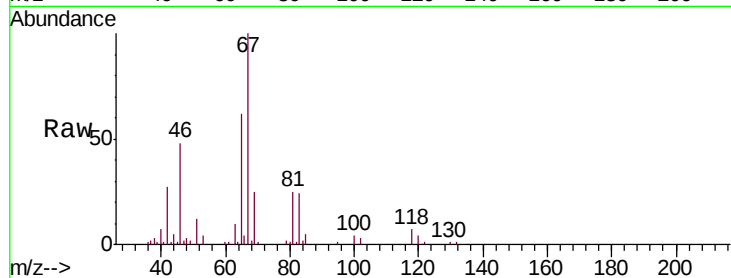
Tgt Ion: 83 Resp: 7545

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

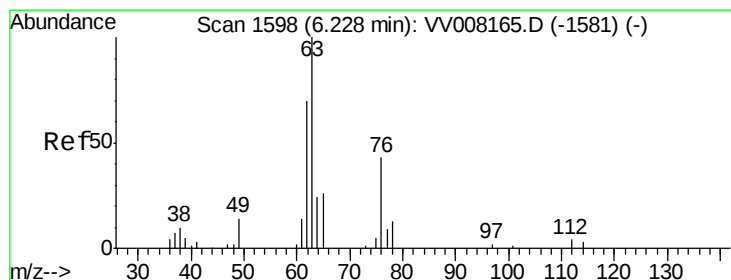
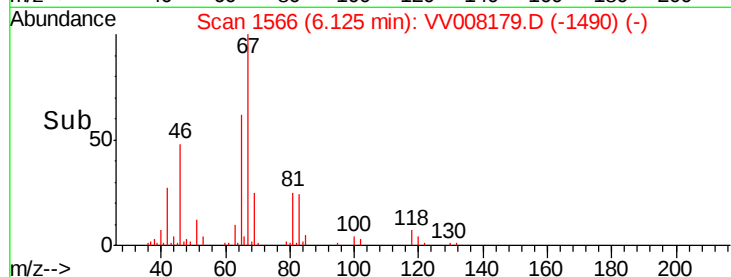
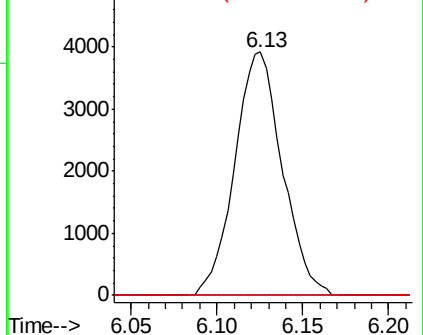
98 0.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008165.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV008165.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV008165.D (-1571) (-)



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008179.D

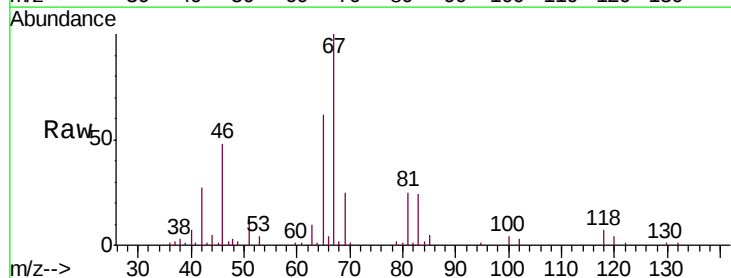
Acq: 09 Oct 2018 03:30

Tgt Ion: 63 Resp: 3464

Ion Ratio Lower Upper

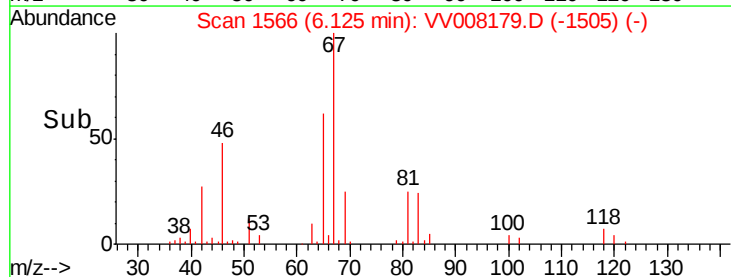
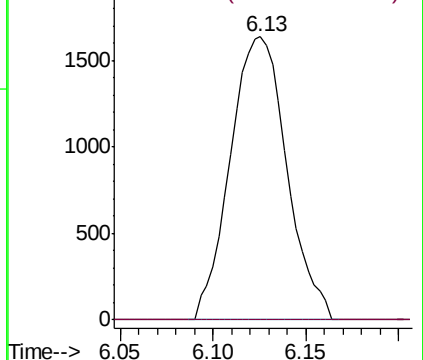
63 100

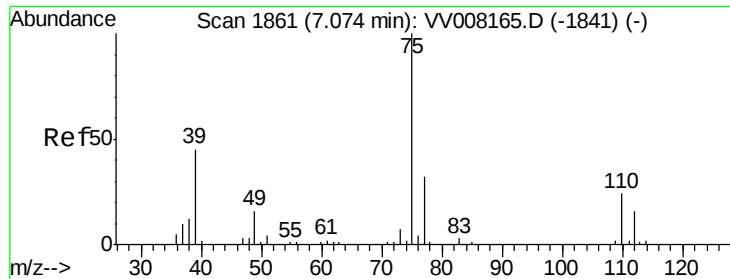
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008165.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV008165.D (-1581) (-)

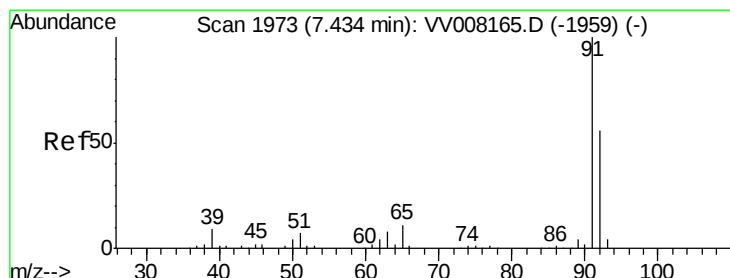
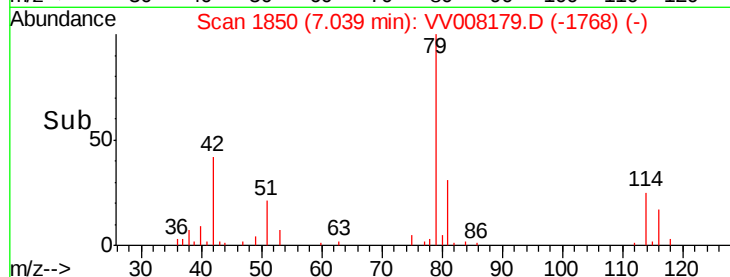
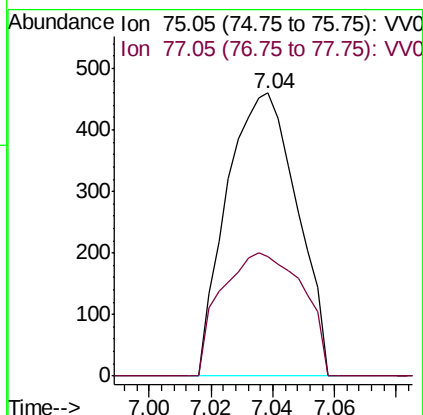
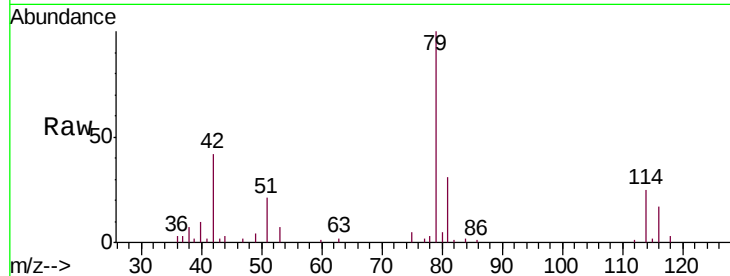




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008179.D
 Acq: 09 Oct 2018 03:30

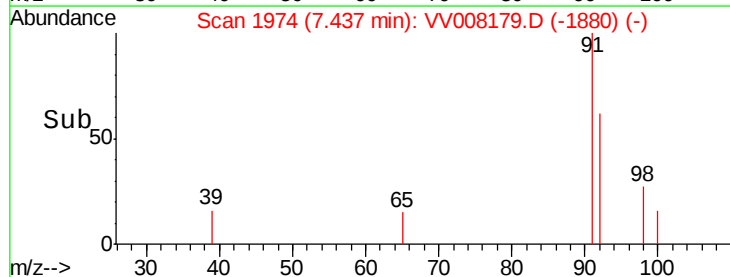
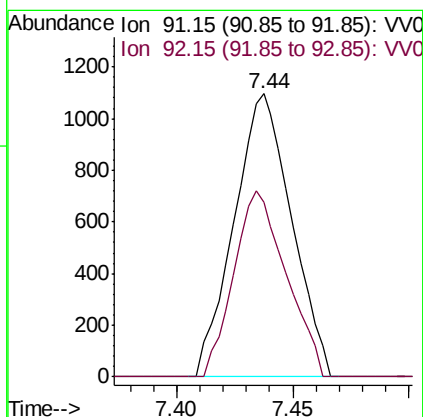
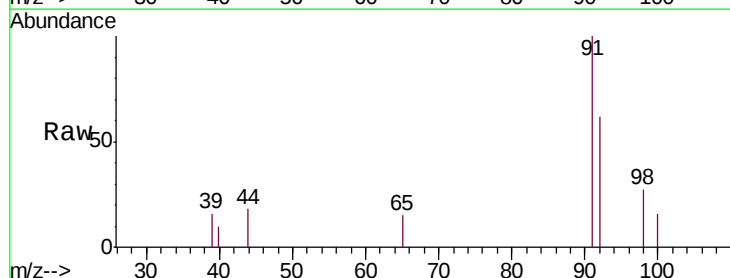
Instrument :
 MSVOA_V
 ClientSampled :
 BEYK0

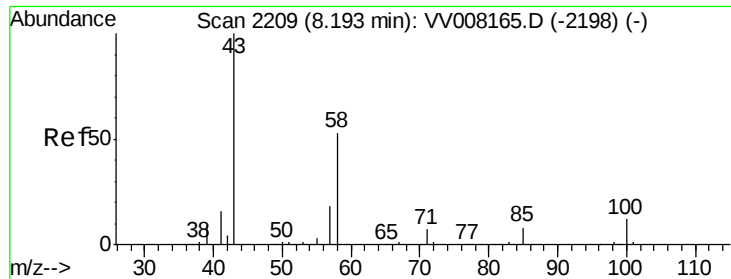
Tgt Ion: 75 Resp: 726
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.1 41.1#



#42
 Toluene
 Concen: 0.088 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV008179.D
 Acq: 09 Oct 2018 03:30

Tgt Ion: 91 Resp: 1882
 Ion Ratio Lower Upper
 91 100
 92 61.9 39.9 74.1





#48

2-Hexanone

Concen: 2.283 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV008179.D

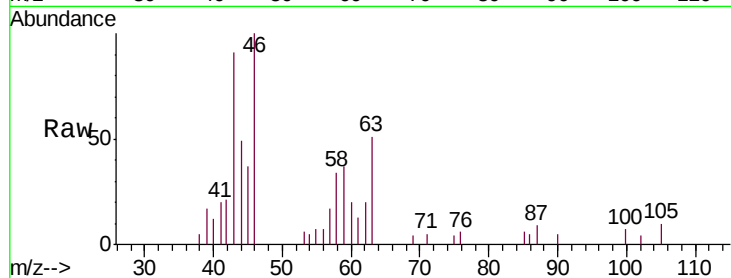
Acq: 09 Oct 2018 03:30

Instrument :

MSVOA_V

ClientSampleId :

BEYK0



Tgt Ion: 43 Resp: 4791

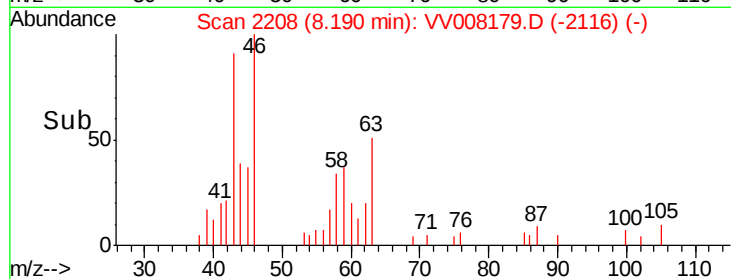
Ion Ratio Lower Upper

43 100

58 45.1 40.5 60.7

57 2.8 14.6 22.0#

100 4.9 9.3 13.9#



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

