

Data File : VV008149.D
Acq On : 08 Oct 2018 13:22
Operator : SY/MD
Sample : J5278-17
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYF4

Quant Time: Oct 09 03:38:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88978	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26784	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.59	69	21202	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	38301	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.96	46	62037	47.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.41	84	52344	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	26816	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	102233	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	32570	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	93510	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	11097	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	39771	41.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21490	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36429	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

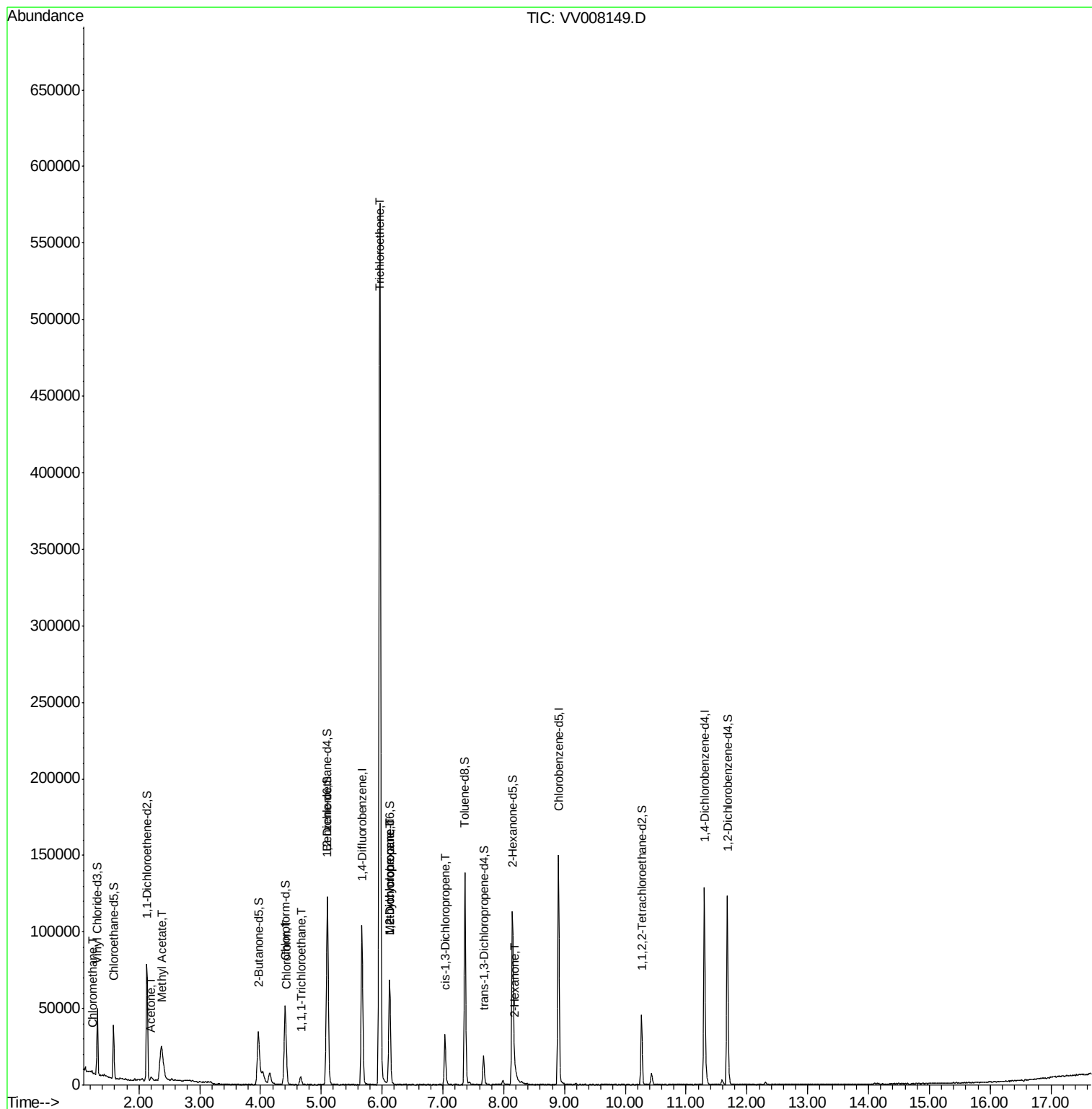
						Qvalue
3) Chloromethane	1.25	50	465	0.091	ug/L	93
13) Acetone	2.21	43	2291	2.573	ug/L	99
15) Methyl Acetate	2.37	43	12840	6.075	ug/L #	53
25) Chloroform	4.43	83	1192	0.111	ug/L	93
29) 1,1,1-Trichloroethane	4.66	97	4562	0.483	ug/L	99
34) Trichloroethene	5.96	95	194652	31.054	ug/L	99
35) Methylcyclohexane	6.13	83	7901	0.902	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3410	0.588	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	840	0.113	ug/L #	80
48) 2-Hexanone	8.19	43	5460	2.449	ug/L #	44

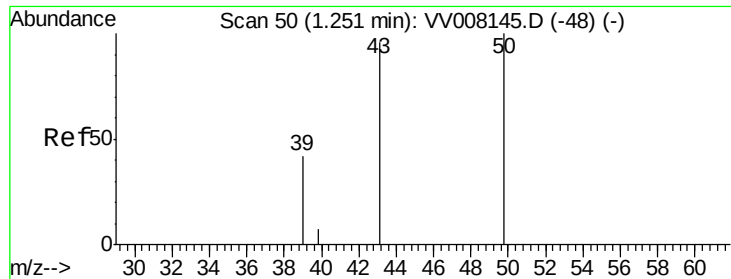
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampled :

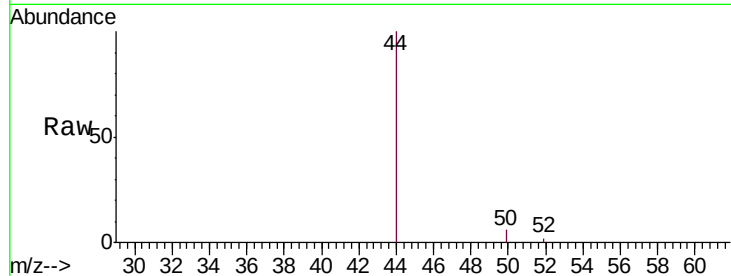
BEYF4

Tgt Ion: 50 Resp: 465

Ion Ratio Lower Upper

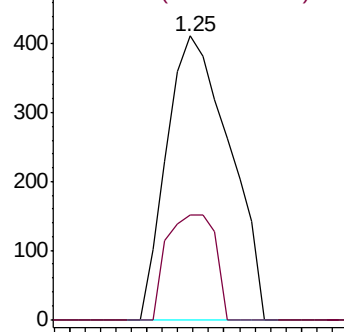
50 100

52 36.7 22.9 42.5

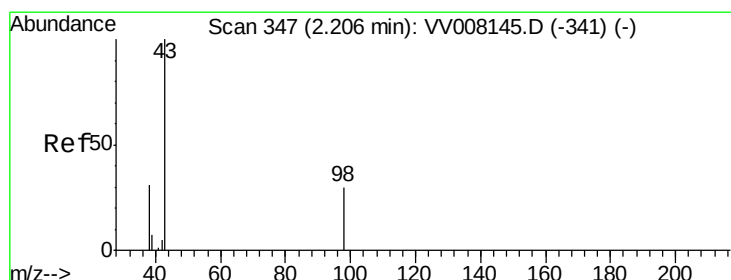
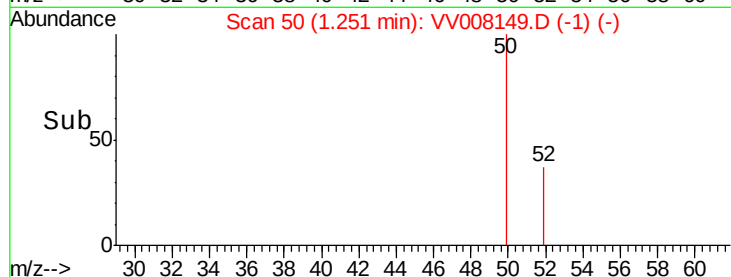


Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



Time-->



#13

Acetone

Concen: 2.573 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008149.D

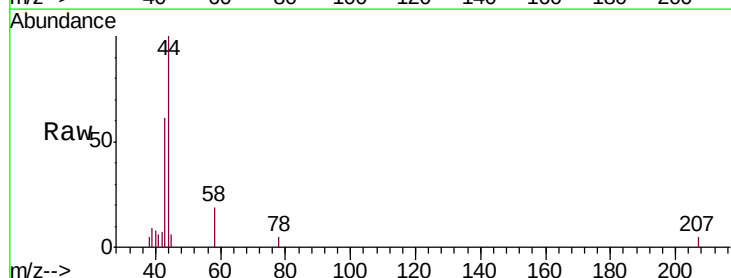
Acq: 08 Oct 2018 13:22

Tgt Ion: 43 Resp: 2291

Ion Ratio Lower Upper

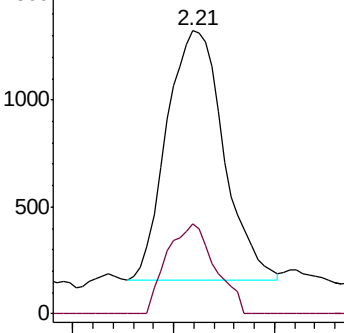
43 100

58 30.8 0.0 62.2

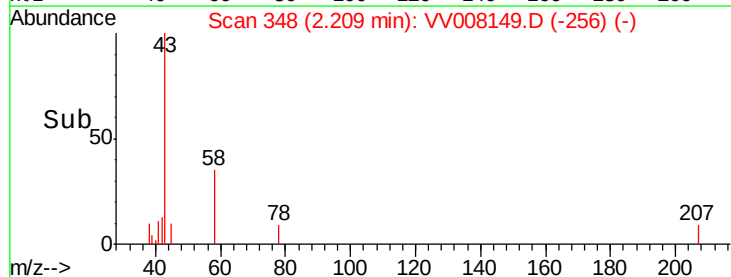


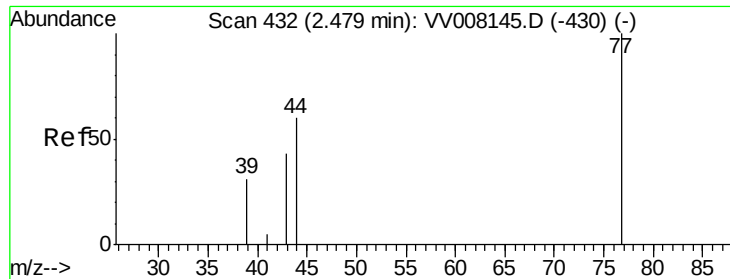
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



Time-->

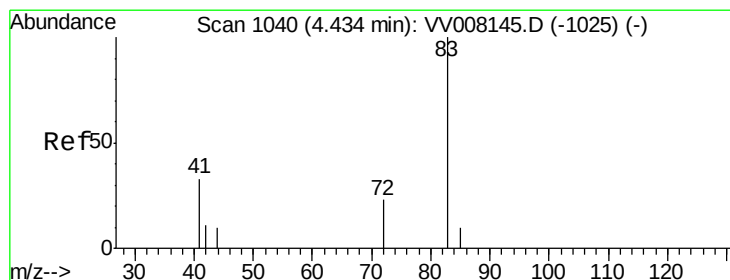
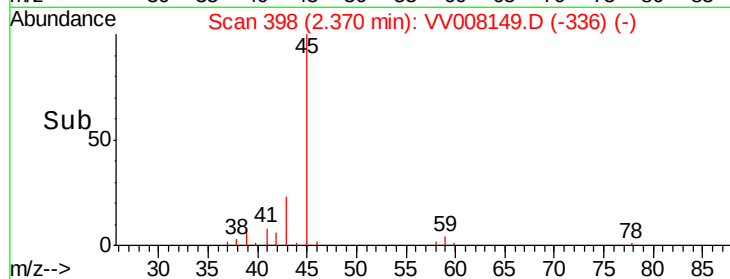
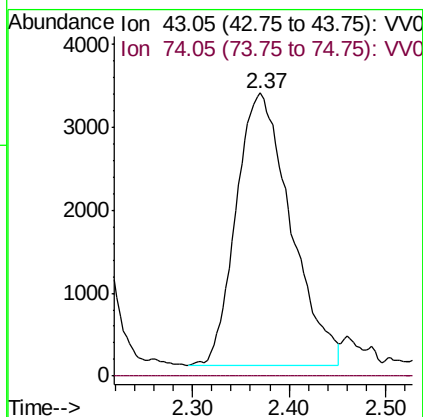
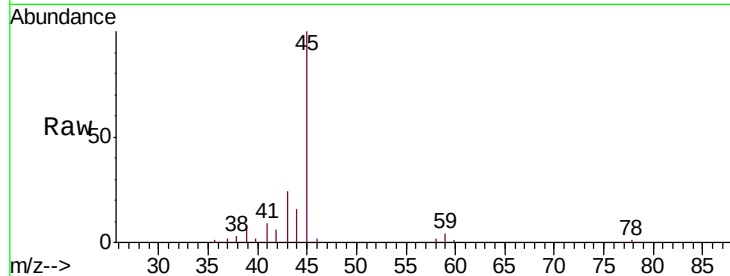




#15
Methyl Acetate
Concen: 6.075 ug/L
RT: 2.37 min Scan# 398
Delta R.T. -0.10 min
Lab File: VV008149.D
Acq: 08 Oct 2018 13:22

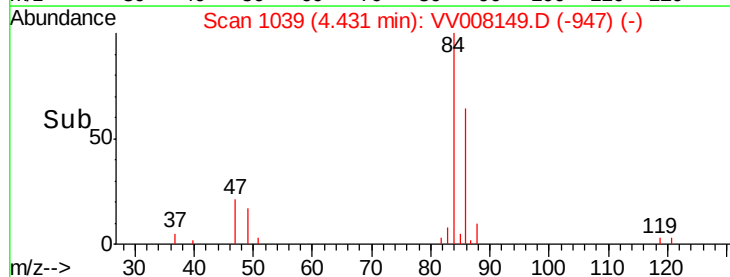
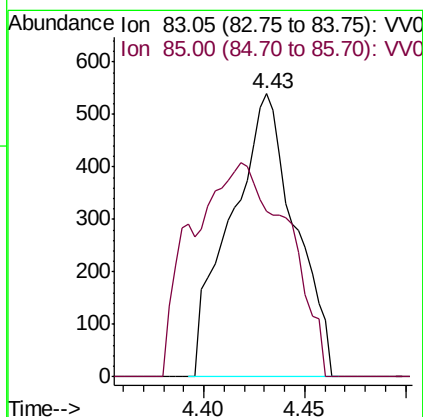
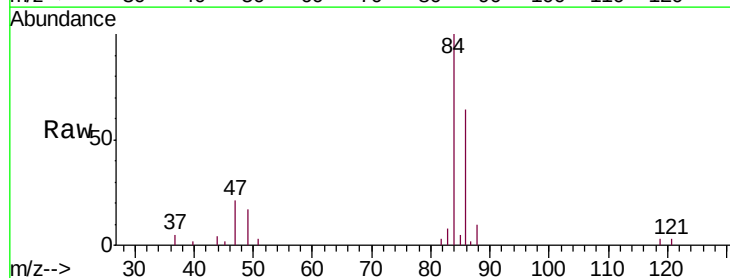
Instrument :
MSVOA_V
ClientSampleId :
BEYF4

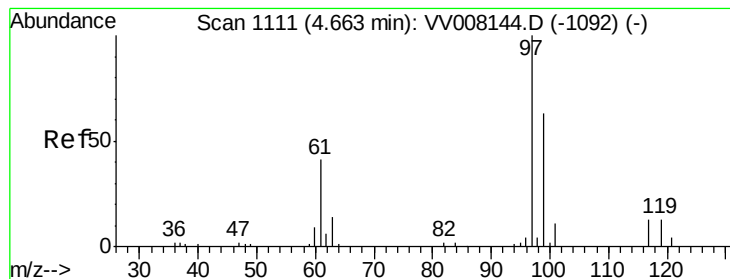
Tgt Ion: 43 Resp: 12840
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#25
Chloroform
Concen: 0.111 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008149.D
Acq: 08 Oct 2018 13:22

Tgt Ion: 83 Resp: 1192
Ion Ratio Lower Upper
83 100
85 58.6 44.6 82.8





#29

1,1,1-Trichloroethane

Concen: 0.483 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampleId :

BEYF4

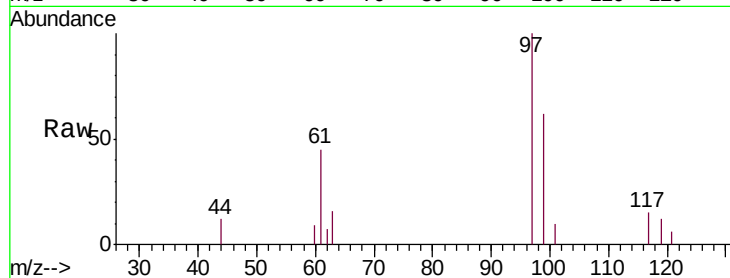
Tgt Ion: 97 Resp: 4562

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

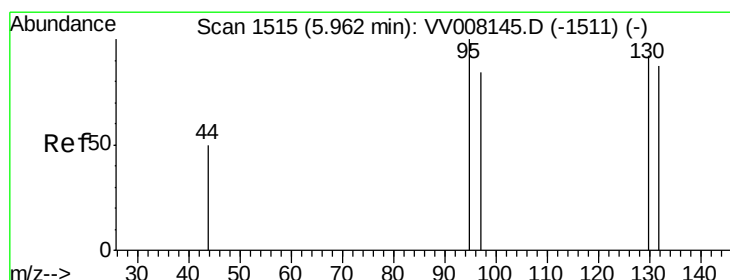
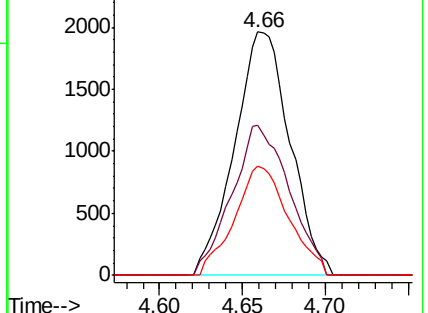
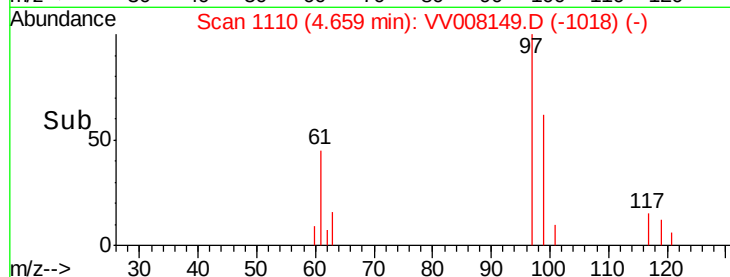
61 43.7 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008149.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV008149.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV008149.D (-1092) (-)



#34

Trichloroethene

Concen: 31.054 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Tgt Ion: 95 Resp: 194652

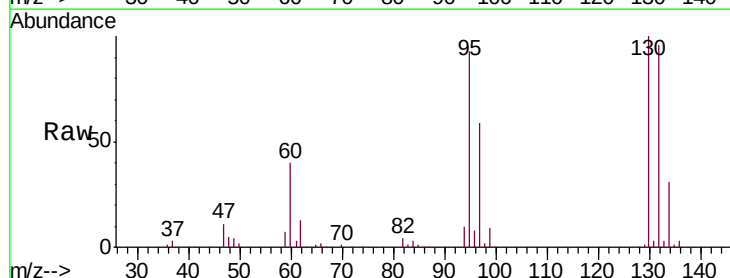
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.5

132 103.7 73.6 136.6

130 107.6 76.2 141.6

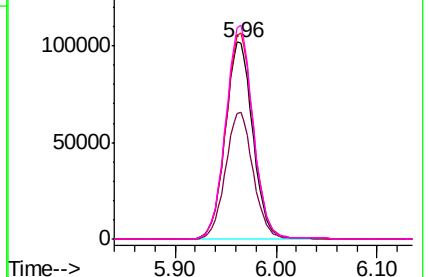
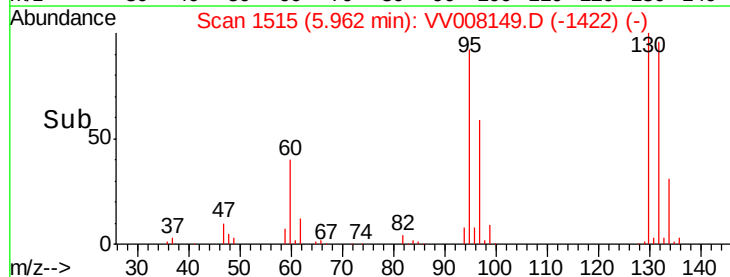


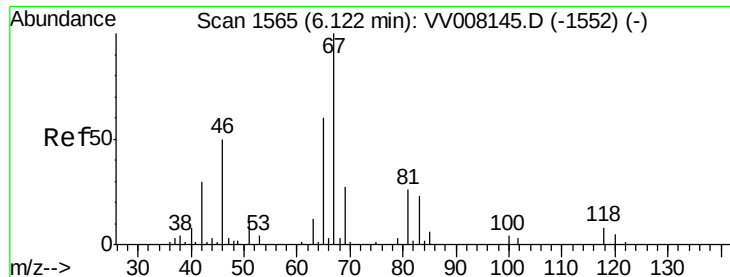
Abundance Ion 95.00 (94.70 to 95.70): VV008149.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008149.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008149.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008149.D (-1422) (-)





#35

Methylcyclohexane

Concen: 0.902 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampled :

BEYF4

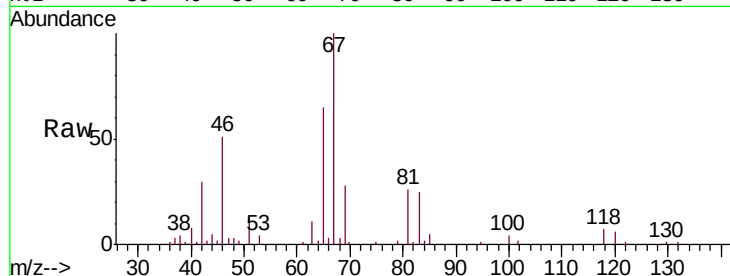
Tgt Ion: 83 Resp: 7901

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

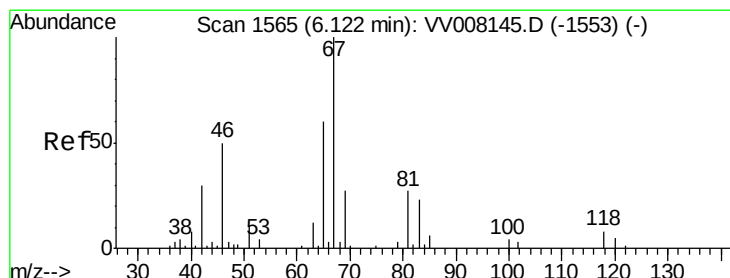
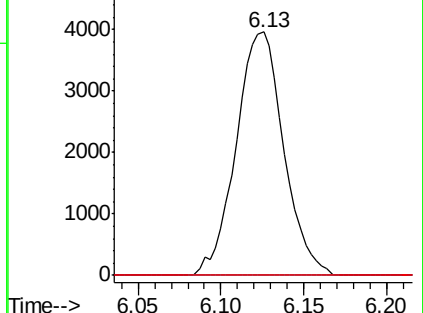
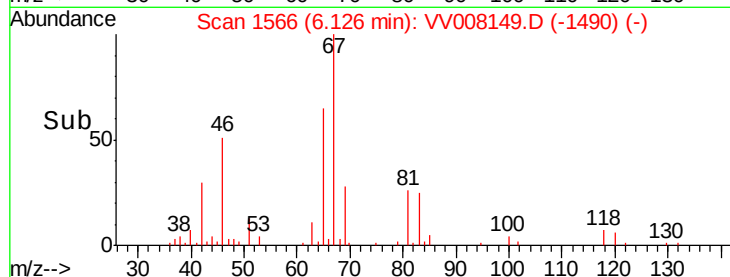
98 0.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008149.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV008149.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV008149.D (-1490) (-)



#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008149.D

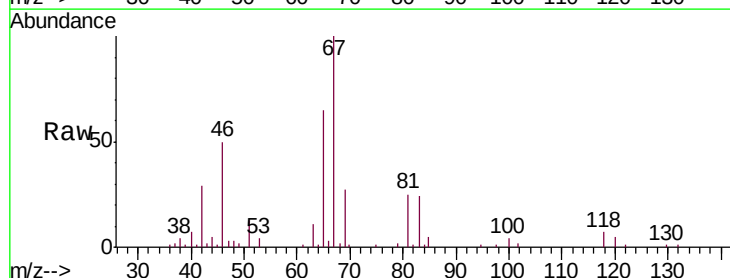
Acq: 08 Oct 2018 13:22

Tgt Ion: 63 Resp: 3410

Ion Ratio Lower Upper

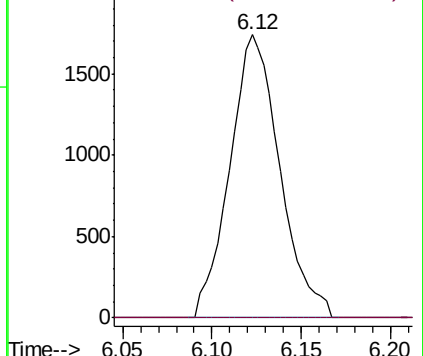
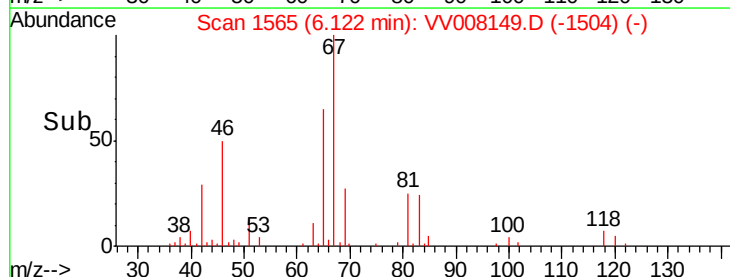
63 100

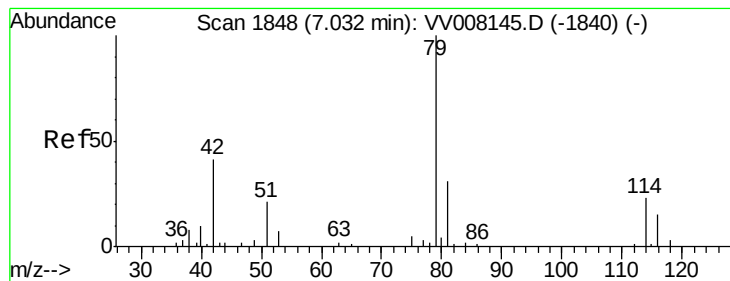
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008149.D (-1504) (-)

Ion 112.10 (111.80 to 112.80): VV008149.D (-1504) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampleId :

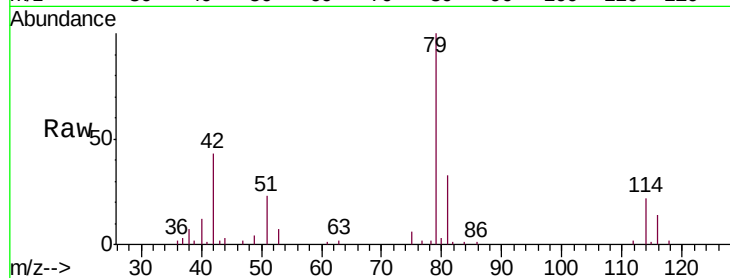
BEYF4

Tgt Ion: 75 Resp: 840

Ion Ratio Lower Upper

75 100

77 42.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

600

400

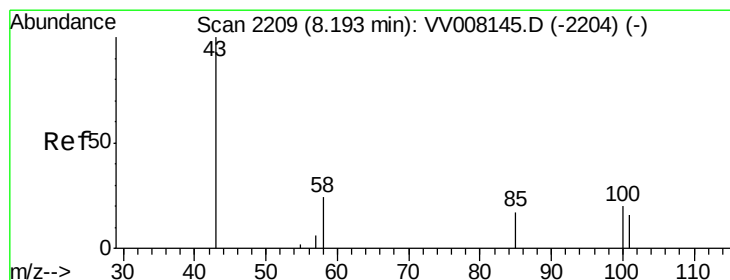
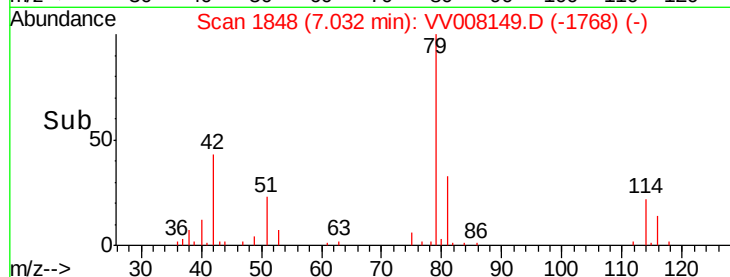
200

0

7.03

7.02 7.04 7.06

Time-->



#48

2-Hexanone

Concen: 2.449 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008149.D

Acq: 08 Oct 2018 13:22

Tgt Ion: 43 Resp: 5460

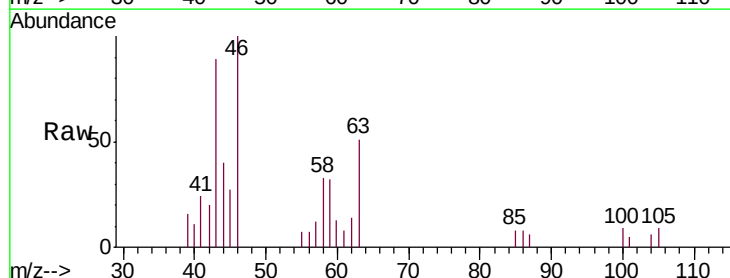
Ion Ratio Lower Upper

43 100

58 0.0 40.5 60.7#

57 4.1 14.6 22.0#

100 3.2 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

4000

3000

2000

1000

0

8.15 8.20 8.25 8.30

Time-->

