

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008200.D
 Acq On : 09 Oct 2018 14:31
 Operator : SY/MD
 Sample : J5281-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM3

Quant Time: Oct 10 03:13:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92302	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25150	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.59	69	22478	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	39284	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.97	46	70052	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.41	84	56732	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.09	65	28538	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	105288	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.13	67	35047	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	96397	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	11316	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	44018	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23204	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38666	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

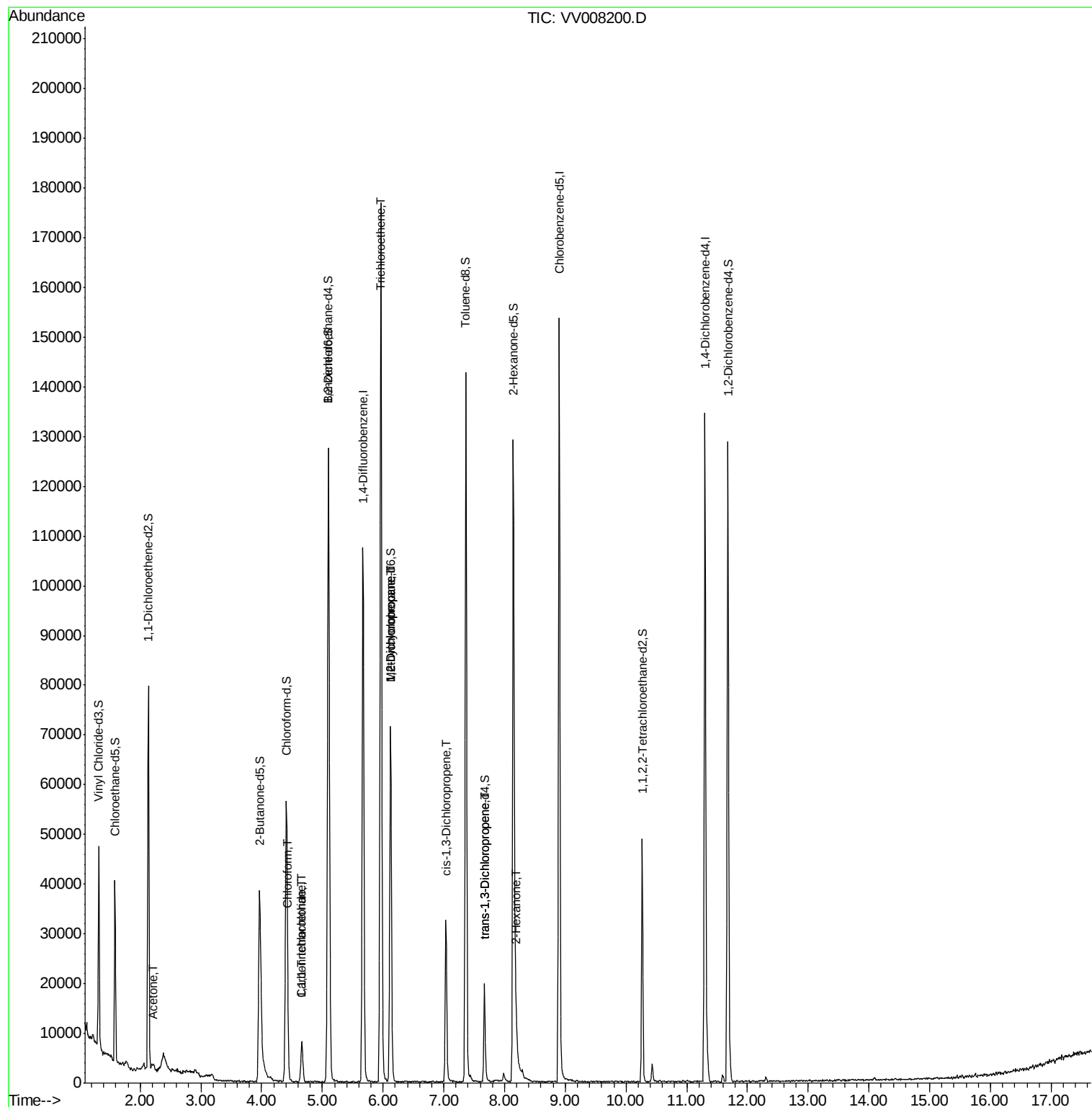
					Ovalue
13) Acetone	2.21	43	1830	1.981	ug/L 97
25) Chloroform	4.44	83	1636	0.146	ug/L 92
29) 1,1,1-Trichloroethane	4.66	97	6695	0.673	ug/L 99
31) Carbon tetrachloride	4.67	117	972	0.109	ug/L 86
34) Trichloroethene	5.96	95	59400	9.002	ug/L 97
35) Methylcyclohexane	6.12	83	8215	0.891	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	3873	0.635	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	769	0.098	ug/L # 58
44) trans-1,3-Dichloropropene	7.67	75	536	0.084	ug/L 82
48) 2-Hexanone	8.19	43	5249	2.236	ug/L # 86

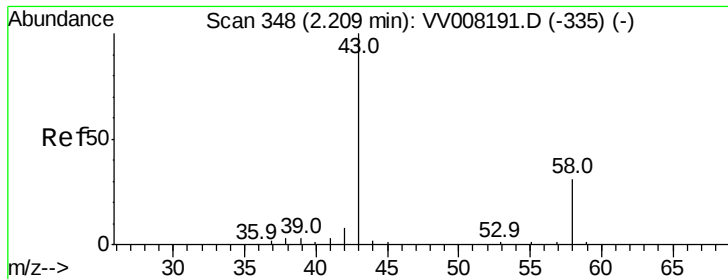
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.981 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

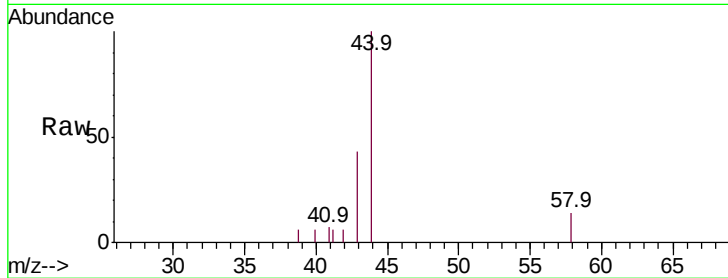
BEYM3

Tot Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008191.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008191.D (-335) (-)

2.21

800

600

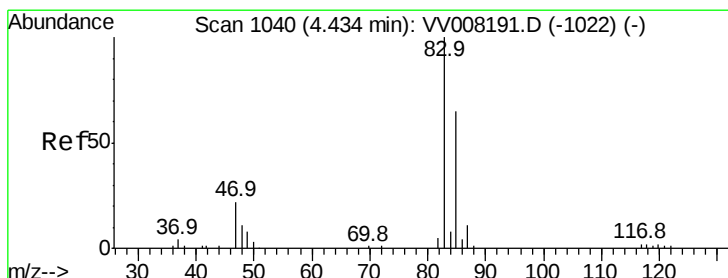
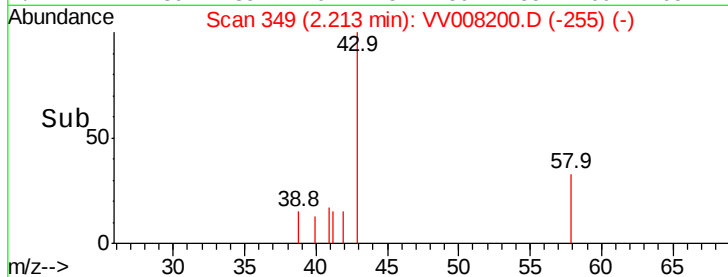
400

200

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 0.146 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008200.D

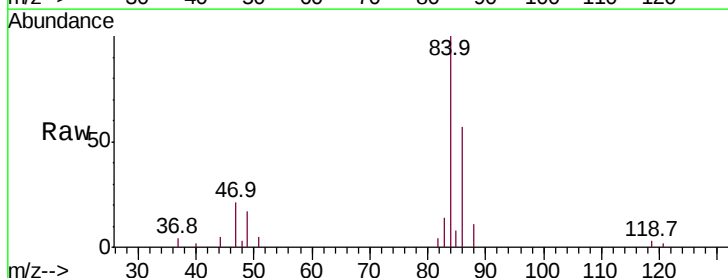
Acq: 09 Oct 2018 14:31

Tgt Ion: 83 Resp: 1636

Ion Ratio Lower Upper

83 100

85 57.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008191.D (-1022) (-)

Ion 85.00 (84.70 to 85.70): VV008191.D (-1022) (-)

4.44

600

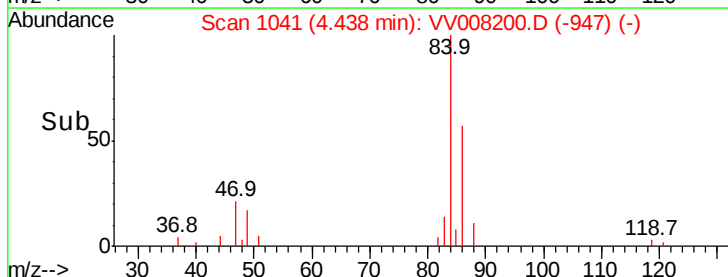
400

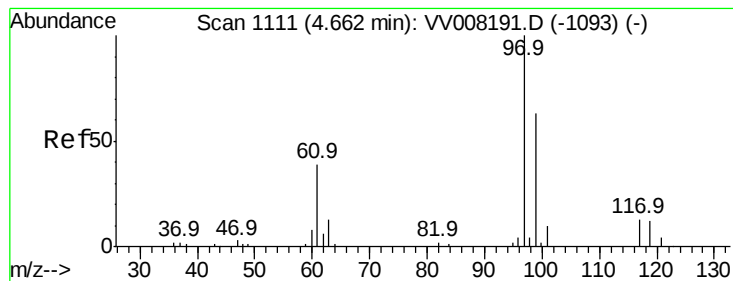
200

0

Time-->

4.35 4.40 4.45





#29

1,1,1-Trichloroethane

Concen: 0.673 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

BEYM3

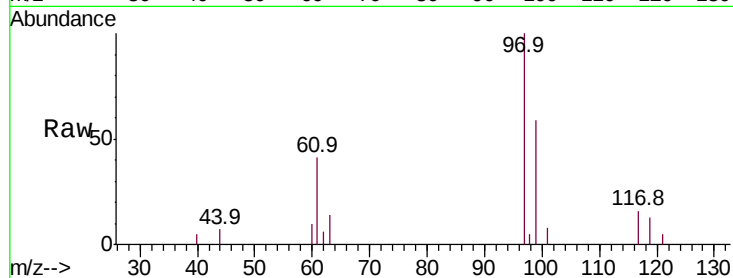
Tot Ion: 97 Resp: 6695

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 41.5 34.0 51.0

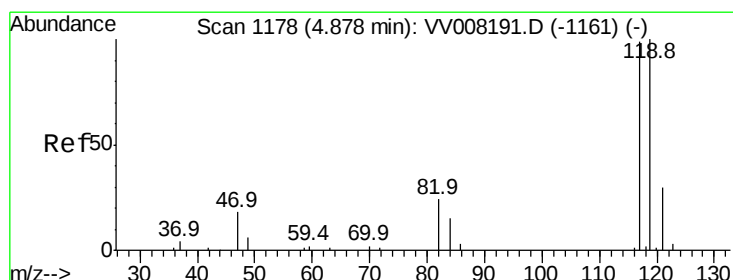
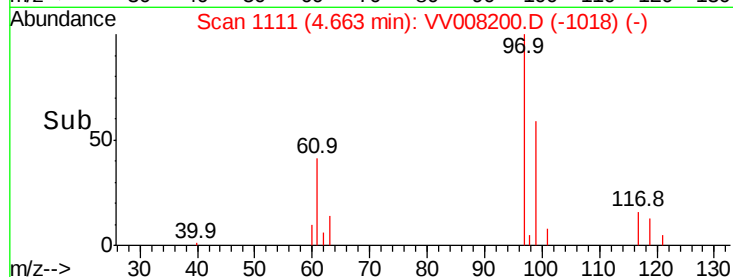
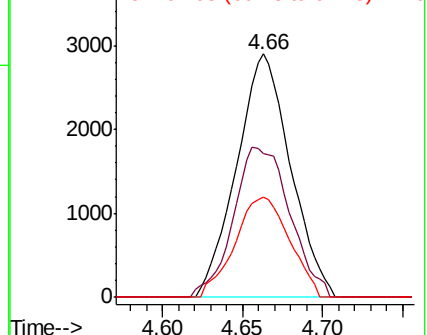


Abundance

Ion 96.95 (96.65 to 97.65): VV008191.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VV008191.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VV008191.D (-1093) (-)



#31

Carbon tetrachloride

Concen: 0.109 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.21 min

Lab File: VV008200.D

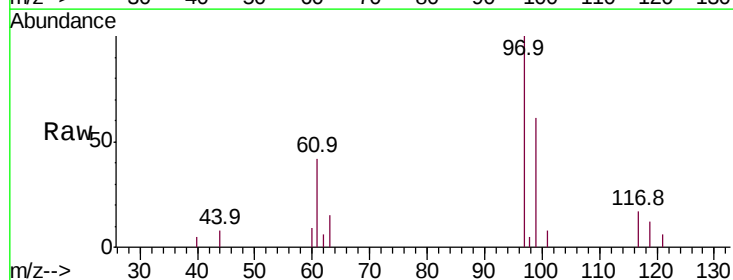
Acq: 09 Oct 2018 14:31

Tgt Ion: 117 Resp: 972

Ion Ratio Lower Upper

117 100

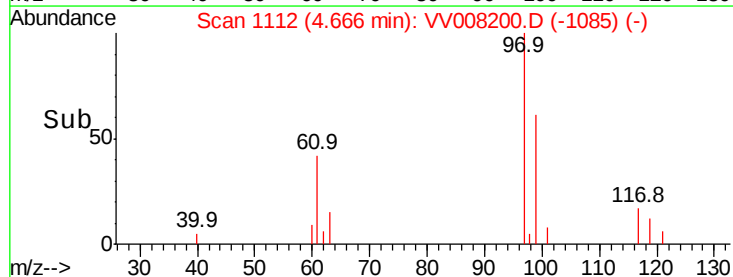
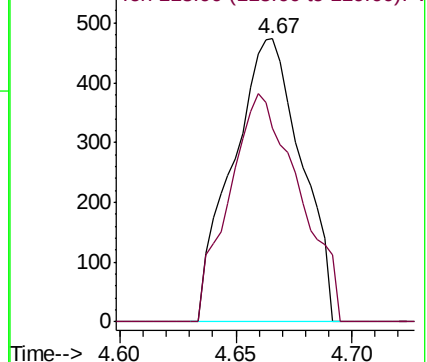
119 82.2 76.3 114.5

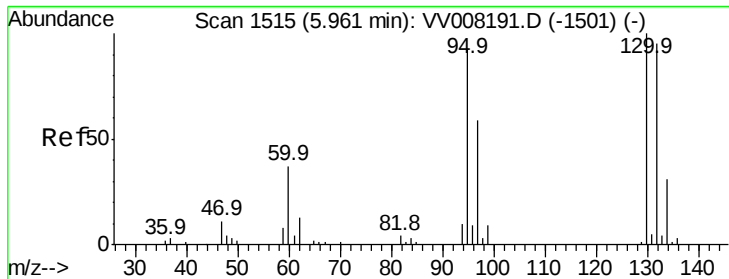


Abundance

Ion 116.90 (116.60 to 117.60): VV008191.D (-1161) (-)

Ion 118.90 (118.60 to 119.60): VV008191.D (-1161) (-)





#34

Trichloroethene

Concen: 9.002 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

BEYM3

Tot Ion: 95 Resp: 59400

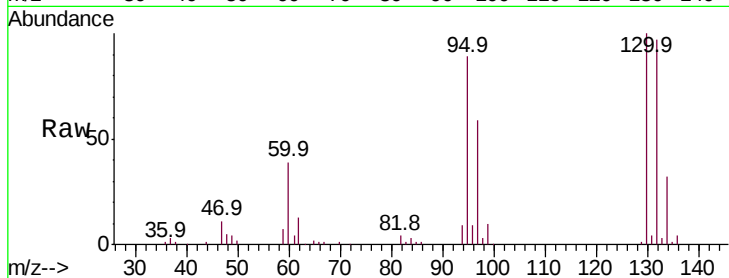
Ion Ratio Lower Upper

95 100

97 65.6 44.9 83.5

132 108.5 73.6 136.6

130 112.1 76.2 141.6

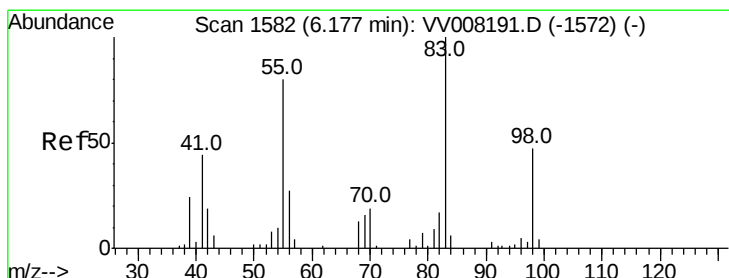
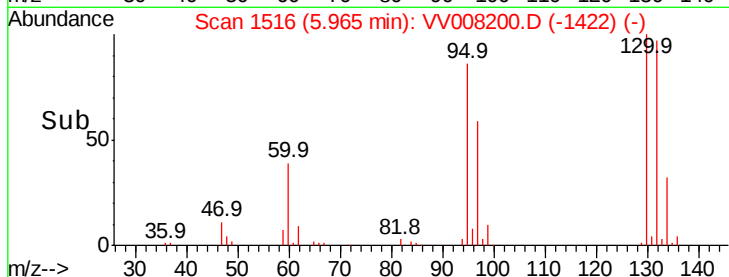
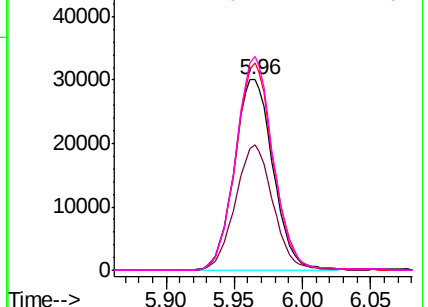


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.891 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

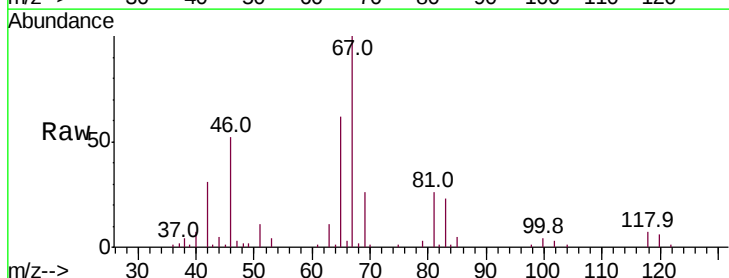
Tgt Ion: 83 Resp: 8215

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

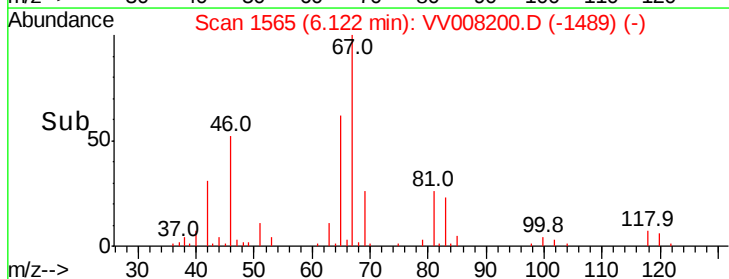
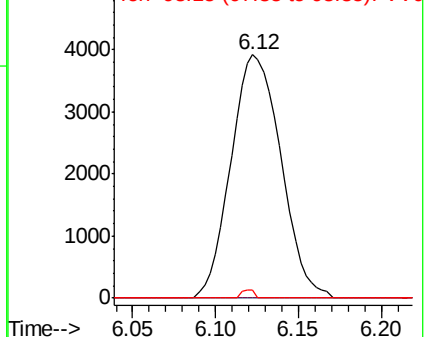
98 0.8 38.3 57.5#

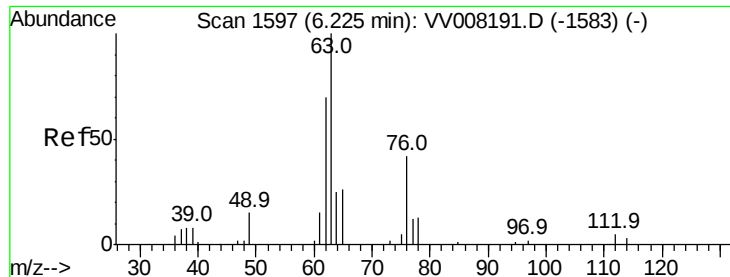


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

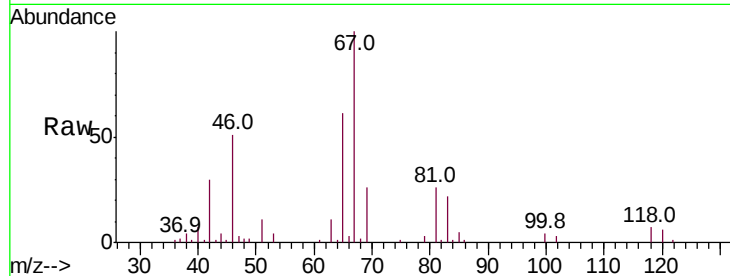
BEYM3

Tot Ion: 63 Resp: 3873

Ion Ratio Lower Upper

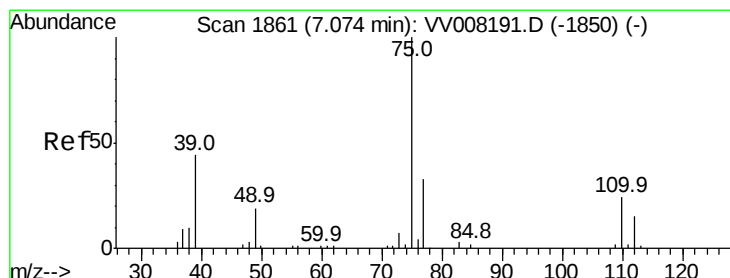
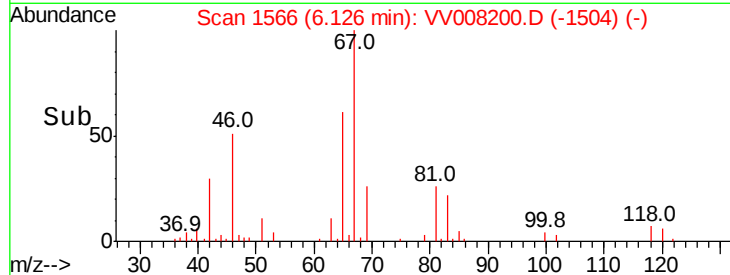
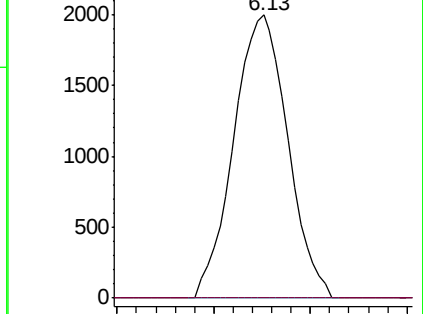
63 100

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): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008200.D

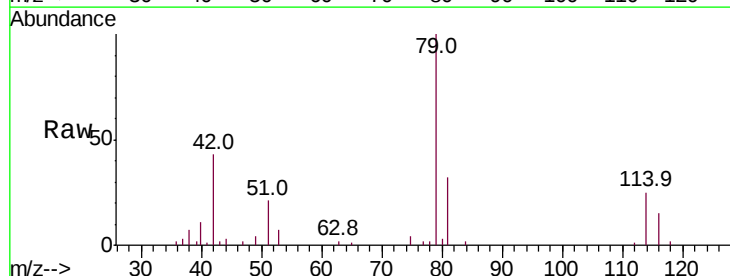
Acq: 09 Oct 2018 14:31

Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

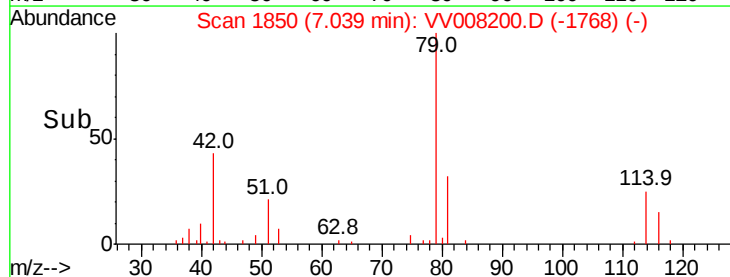
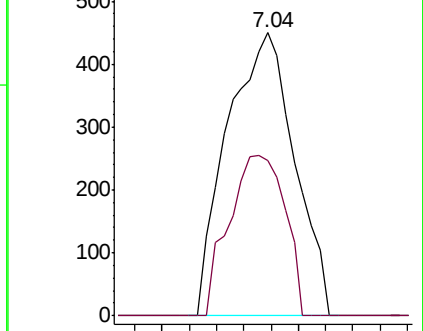
75 100

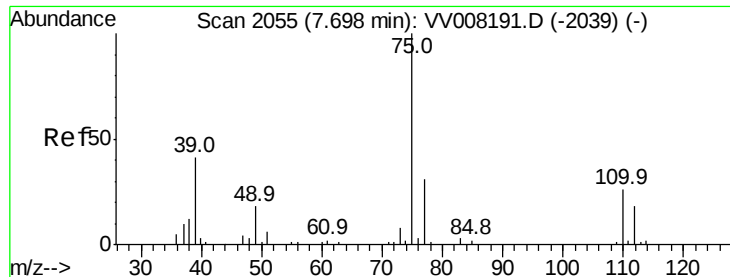
77 54.7 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Instrument :

MSVOA_V

ClientSampleId :

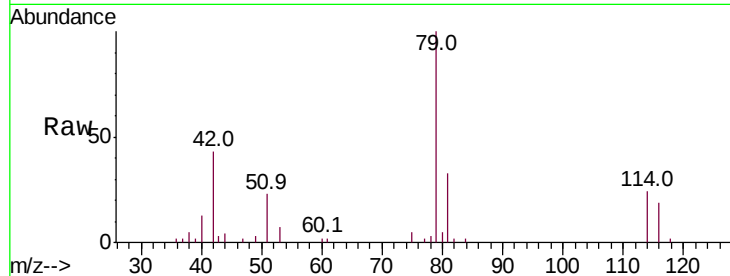
BEYM3

Tot Ion: 75 Resp: 536

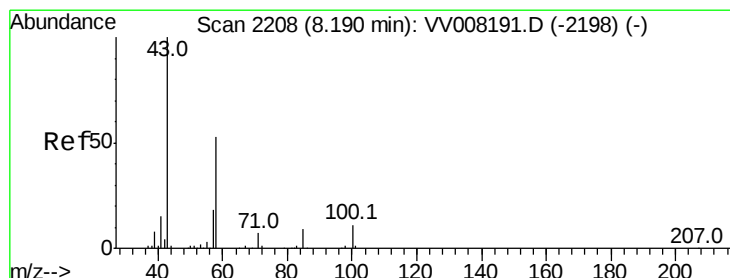
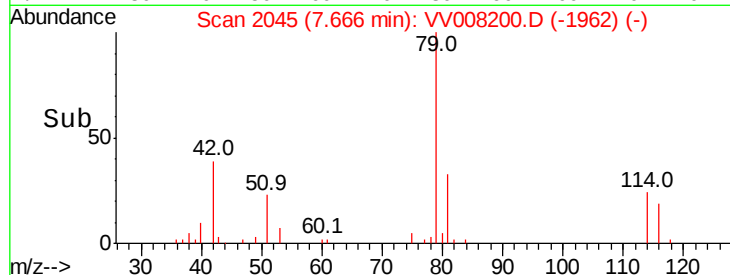
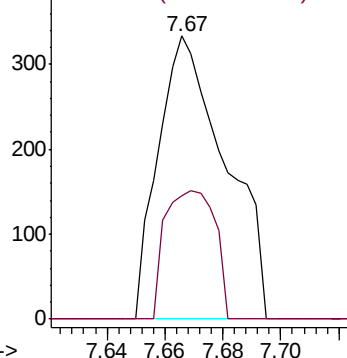
Ion Ratio Lower Upper

75 100

77 43.5 23.4 43.6



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-2039) (-)



#48

2-Hexanone

Concen: 2.236 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008200.D

Acq: 09 Oct 2018 14:31

Tgt Ion: 43 Resp: 5249

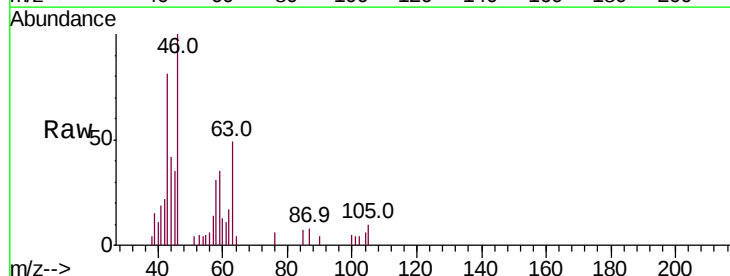
Ion Ratio Lower Upper

43 100

58 38.6 40.5 60.7#

57 16.5 14.6 22.0

100 5.8 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008191.D (-2198) (-)

