

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008195.D
 Acq On : 09 Oct 2018 12:14
 Operator : SY/MD
 Sample : J5281-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYL8

Quant Time: Oct 10 03:12:39 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	110849	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48434	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28013	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.59	69	23788	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.14	63	41723	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.96	46	72436	44.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.50%
24) Chloroform-d	4.41	84	59597	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.09	65	30197	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.10	84	118266	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.12	67	37204	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.36	98	105187	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.67	79	12478	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	44559	36.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24136	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	42654	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

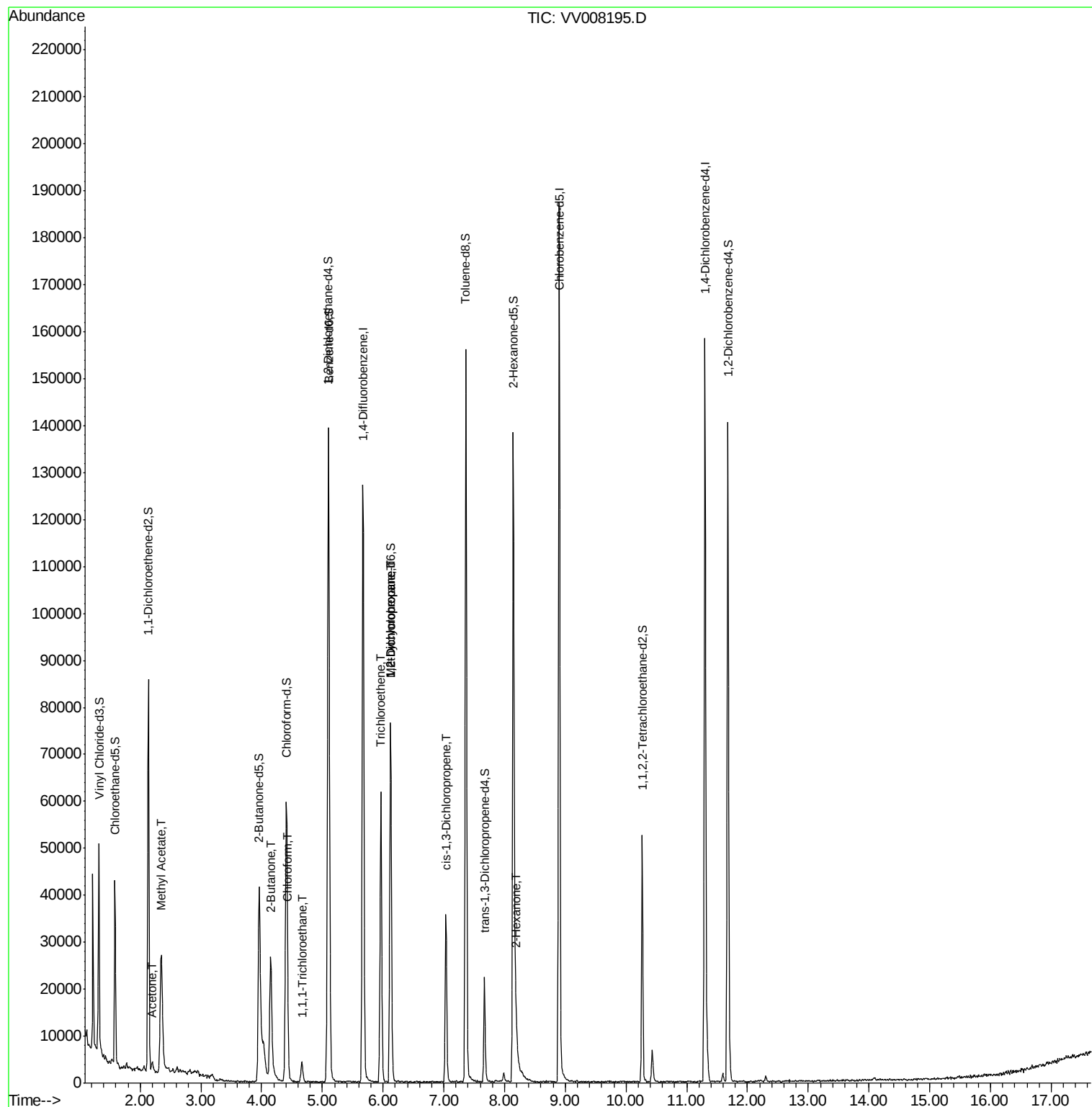
					Ovalue
13) Acetone	2.20	43	1718	1.549	ug/L 85
15) Methyl Acetate	2.34	43	9419	3.577	ug/L # 53
21) 2-Butanone	4.15	43	43468	24.294	ug/L # 49
25) Chloroform	4.44	83	1895	0.141	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	3788	0.314	ug/L 94
34) Trichloroethene	5.96	95	19685	2.460	ug/L 96
35) Methylcyclohexane	6.12	83	8676	0.776	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	4112	0.556	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	836	0.088	ug/L # 68
48) 2-Hexanone	8.19	43	4339	1.524	ug/L # 48

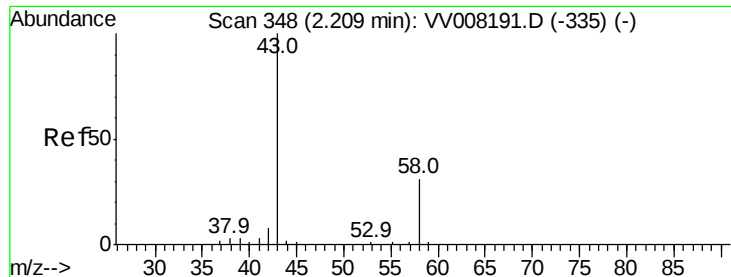
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.549 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV008195.D

Acq: 09 Oct 2018 12:14

Instrument :

MSVOA_V

ClientSampleId :

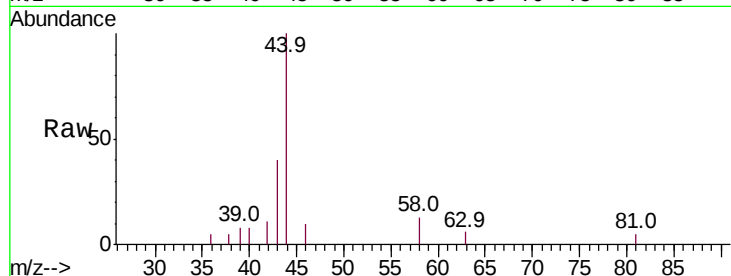
BEYL8

Tot Ion: 43 Resp: 1718

Ion Ratio Lower Upper

43 100

58 22.8 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) (-)

2.20

800

600

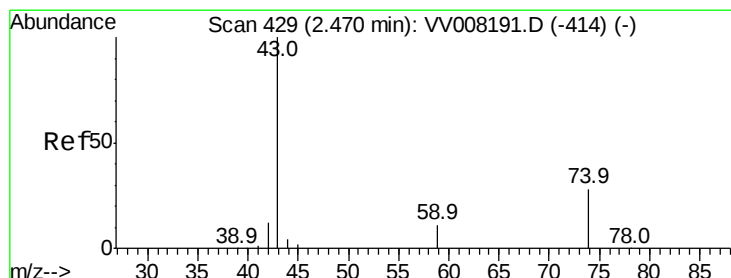
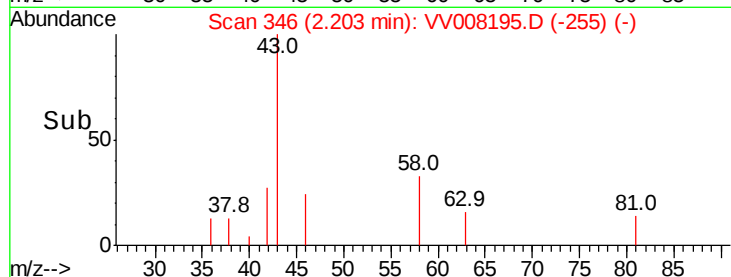
400

200

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 3.577 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.13 min

Lab File: VV008195.D

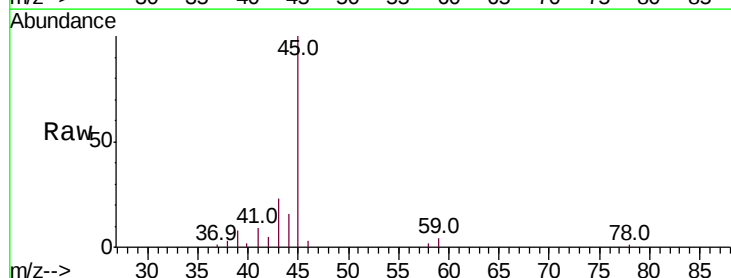
Acq: 09 Oct 2018 12:14

Tgt Ion: 43 Resp: 9419

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008191.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV008191.D (-414) (-)

2.34

4000

3000

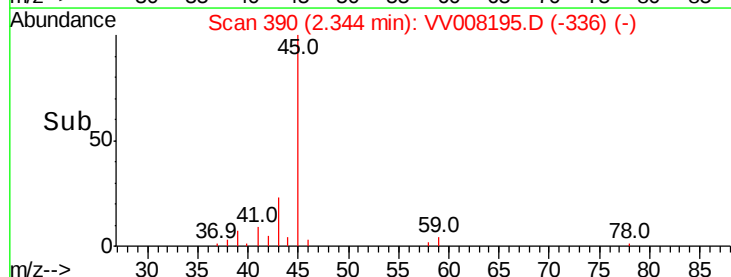
2000

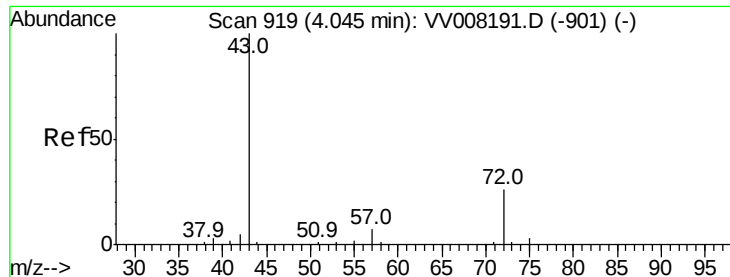
1000

0

Time-->

2.30 2.40





#21

2-Butanone

Concen: 24.294 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008195.D

Acq: 09 Oct 2018 12:14

Instrument :

MSVOA_V

ClientSampled :

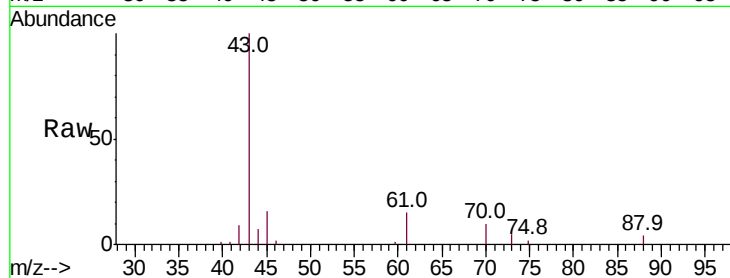
BEYL8

Tot Ion: 43 Resp: 43468

Ion Ratio Lower Upper

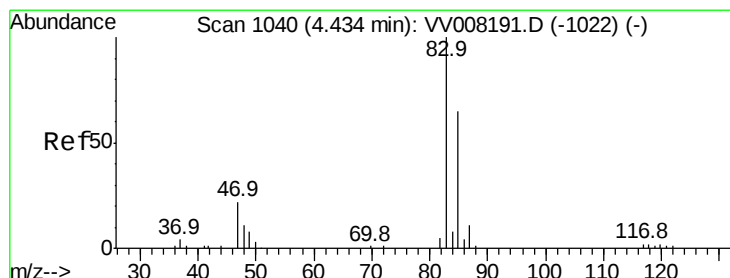
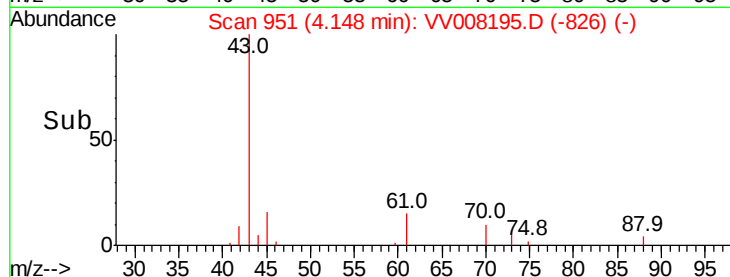
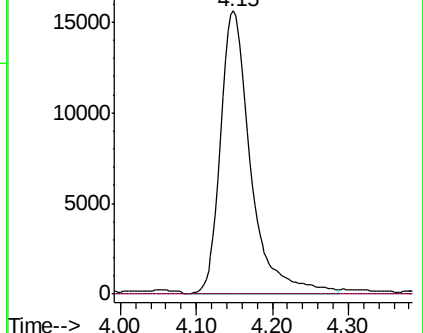
43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008195.D (-951) (-)

Ion 72.10 (71.80 to 72.80): VV008195.D (-951) (-)



#25

Chloroform

Concen: 0.141 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008195.D

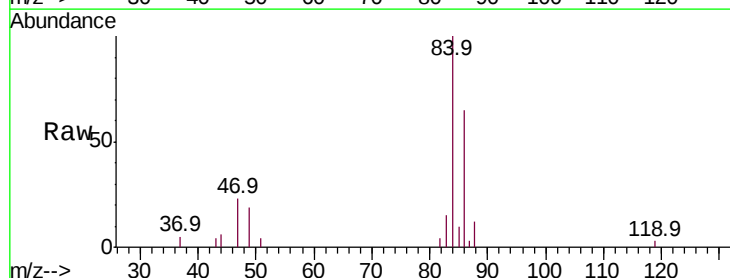
Acq: 09 Oct 2018 12:14

Tgt Ion: 83 Resp: 1895

Ion Ratio Lower Upper

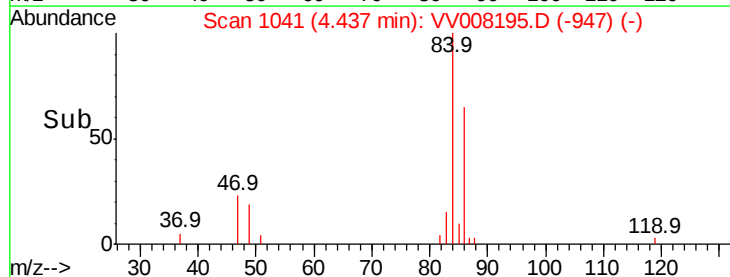
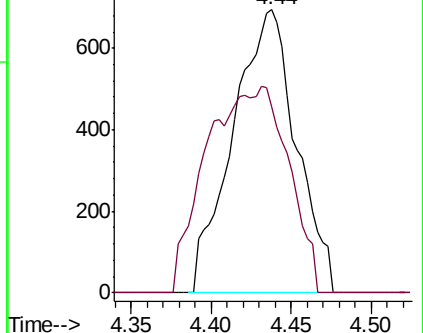
83 100

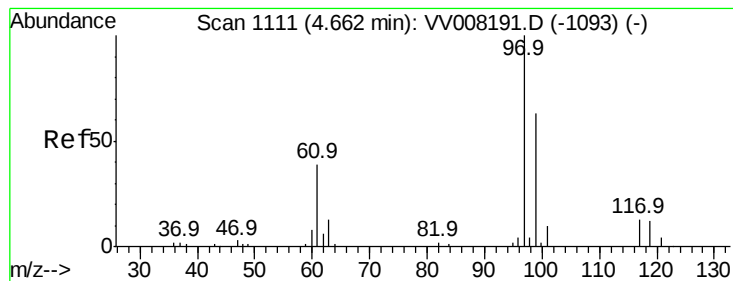
85 65.9 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008195.D (-1041) (-)

Ion 85.00 (84.70 to 85.70): VV008195.D (-1041) (-)





#29

1,1,1-Trichloroethane

Concen: 0.314 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008195.D

Acq: 09 Oct 2018 12:14

Instrument :

MSVOA_V

ClientSampleId :

BEYL8

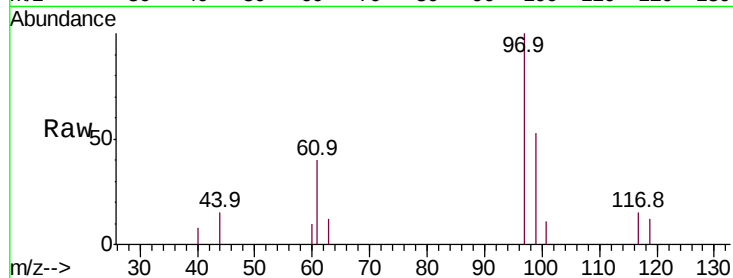
Tot Ion: 97 Resp: 3788

Ion Ratio Lower Upper

97 100

99 56.2 51.0 76.4

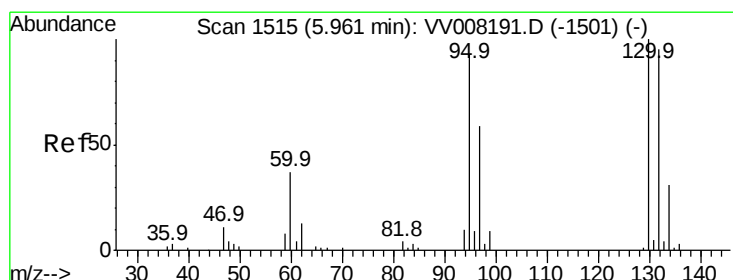
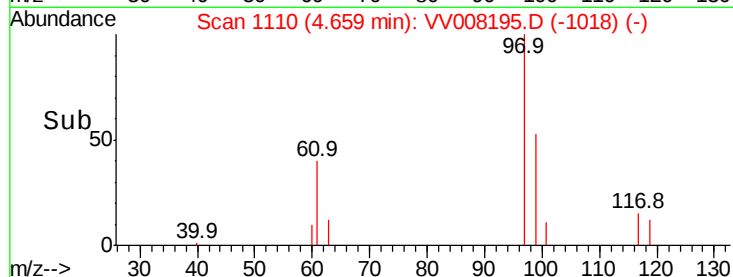
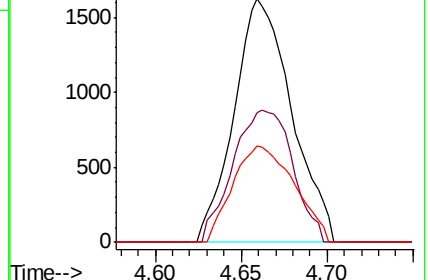
61 42.3 34.0 51.0



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) (-)



#34

Trichloroethene

Concen: 2.460 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008195.D

Acq: 09 Oct 2018 12:14

Tgt Ion: 95 Resp: 19685

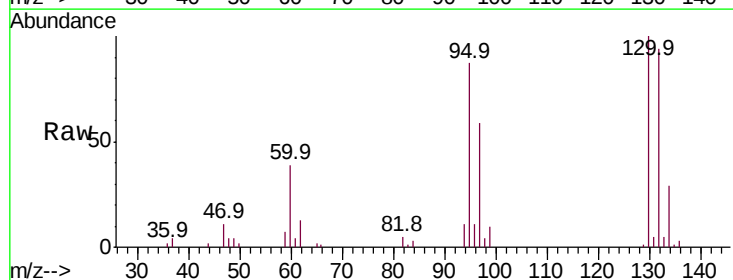
Ion Ratio Lower Upper

95 100

97 67.7 44.9 83.5

132 107.4 73.6 136.6

130 114.7 76.2 141.6

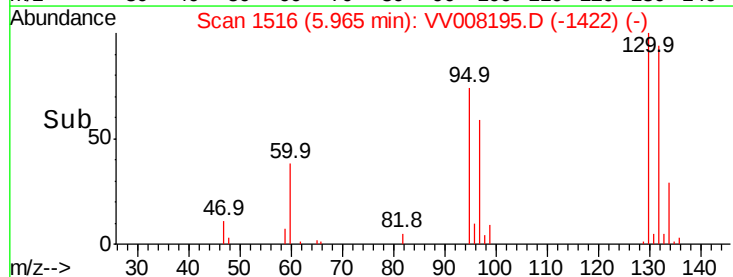
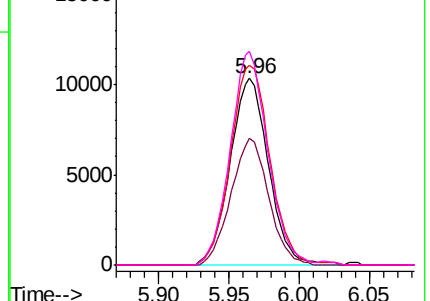


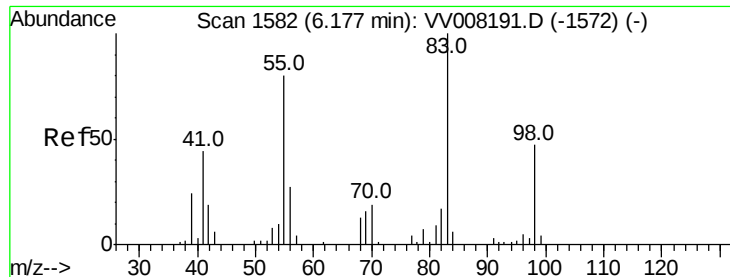
Abundance Ion 95.00 (94.70 to 95.70): VV008191.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV008191.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV008191.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV008191.D (-1501) (-)





#35

Methvlcvclohexane

Concen: 0.776 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008195.D

Acq: 09 Oct 2018 12:14

Instrument :

MSVOA_V

ClientSampleId :

BEYL8

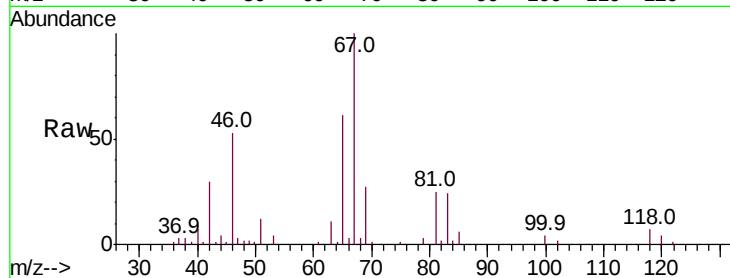
Tot Ion: 83 Resp: 8676

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

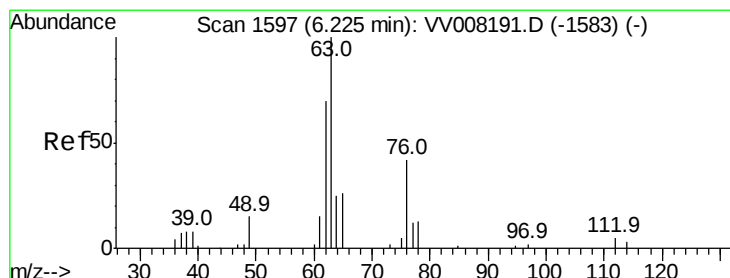
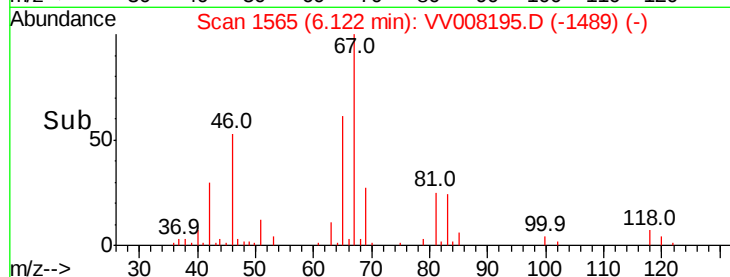
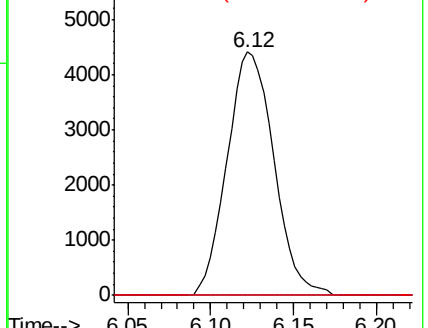
98 5.4 38.3 57.5#



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: 0.556 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008195.D

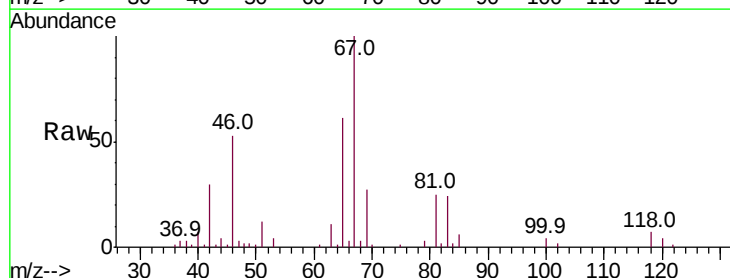
Acq: 09 Oct 2018 12:14

Tgt Ion: 63 Resp: 4112

Ion Ratio Lower Upper

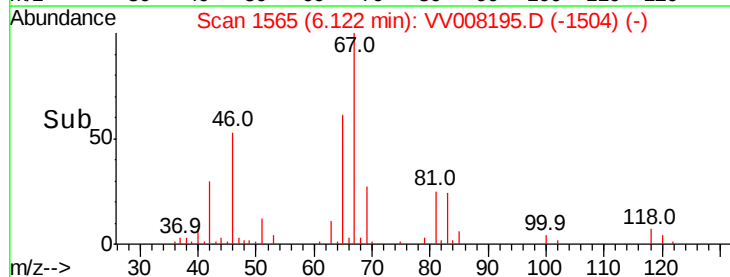
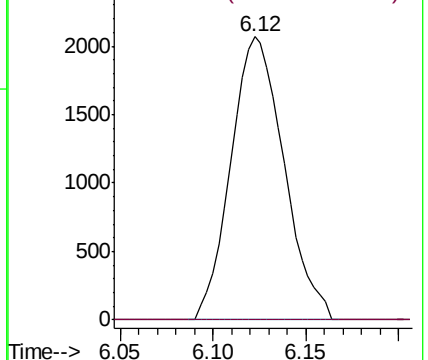
63 100

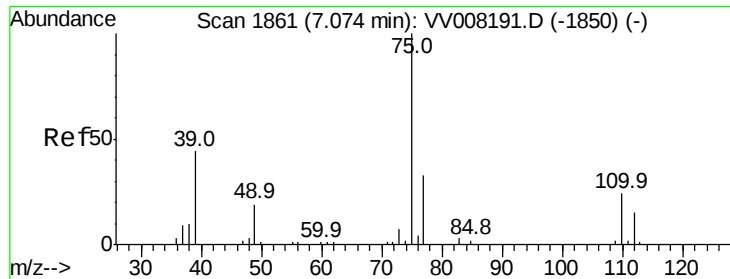
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



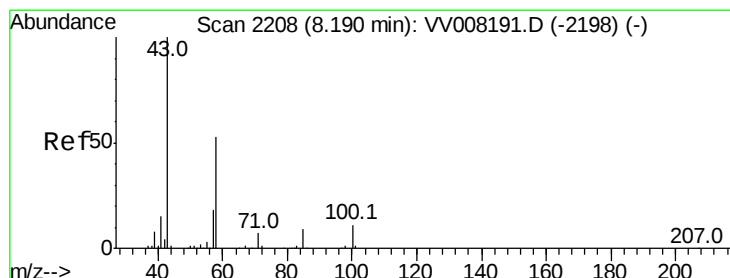
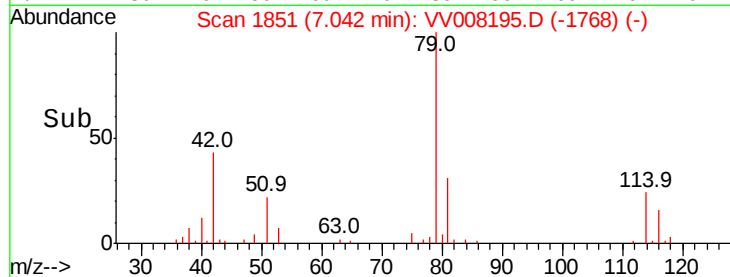
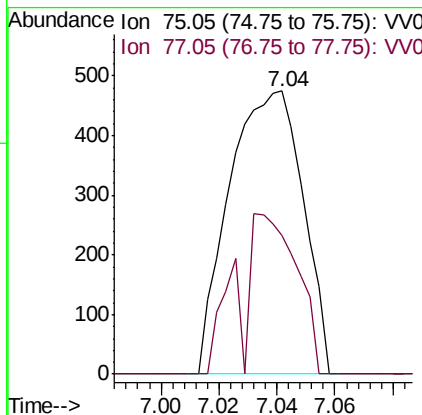
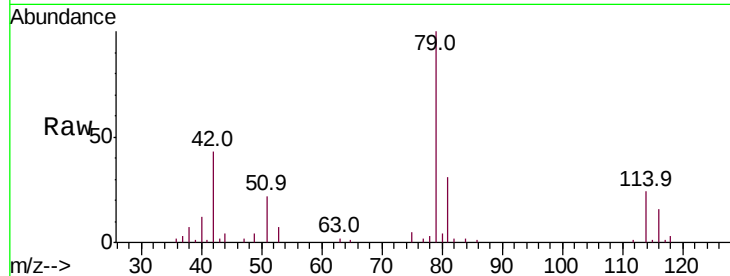


#39

cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.04 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: VV008195.D
 Acq: 09 Oct 2018 12:14

Instrument :
 MSVOA_V
 ClientSampled :
 BEYL8

Tot Ion: 75 Resp: 836
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.1 41.1#



#48

2-Hexanone
 Concen: 1.524 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV008195.D
 Acq: 09 Oct 2018 12:14

Tgt Ion: 43 Resp: 4339
 Ion Ratio Lower Upper
 43 100
 58 0.0 40.5 60.7#
 57 11.9 14.6 22.0#
 100 5.2 9.3 13.9#

