

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008215.D
 Acq On : 09 Oct 2018 22:49
 Operator : SY/MD
 Sample : J5282-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYN2

Quant Time: Oct 10 04:54:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 04:51:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95421	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24426	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.59	69	21012	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.14	63	35462	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.97	46	80958	57.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.90%
24) Chloroform-d	4.41	84	55877	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	29098	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	105650	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	33828	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	91797	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.67	79	11580	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	50655	48.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25449	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39424	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

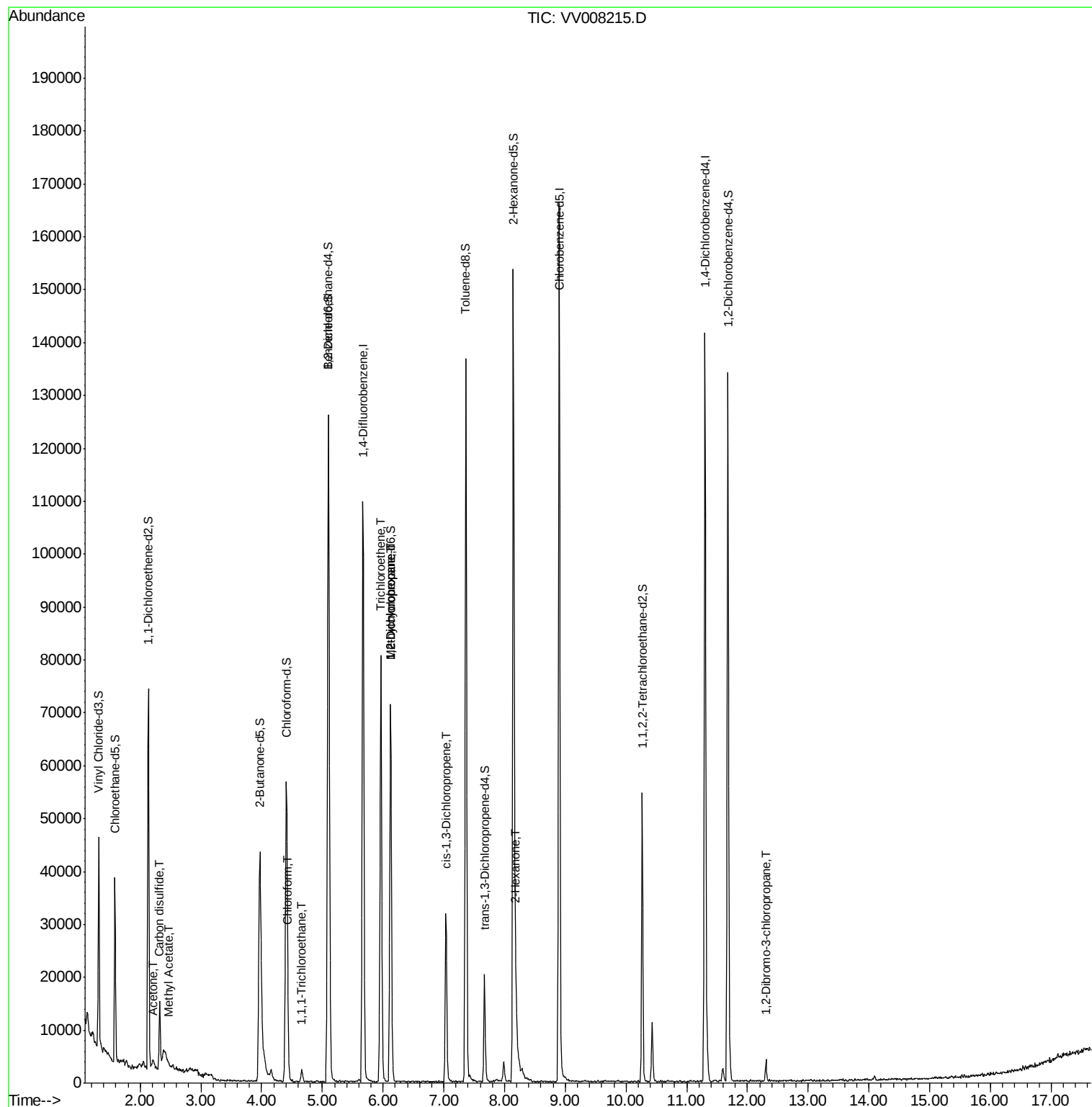
					Ovalue
13) Acetone	2.22	43	2760	2.891	ug/L 91
14) Carbon disulfide	2.32	76	13632	1.036	ug/L 99
15) Methyl Acetate	2.47	43	828	0.365	ug/L # 53
25) Chloroform	4.44	83	2488	0.215	ug/L 94
29) 1,1,1-Trichloroethane	4.67	97	1847	0.177	ug/L 97
34) Trichloroethene	5.96	95	26861	3.889	ug/L 98
35) Methylcyclohexane	6.13	83	8614	0.893	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	3676	0.576	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	832	0.102	ug/L 87
48) 2-Hexanone	8.19	43	5586	2.273	ug/L # 72
66) 1,2-Dibromo-3-chloropropan	12.31	75	66	0.101	ug/L # 1

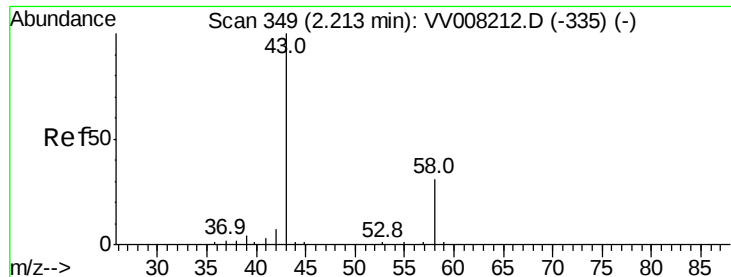
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.891 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV008215.D

Acq: 09 Oct 2018 22:49

Instrument :

MSVOA_V

ClientSampled :

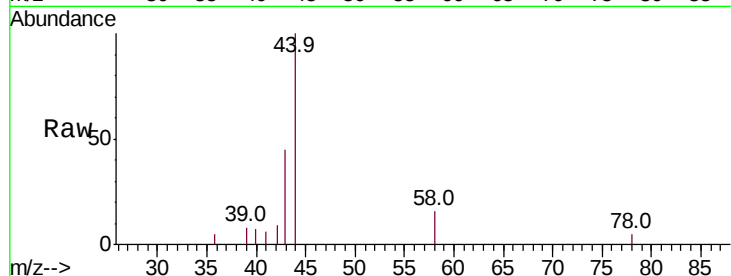
BEYN2

Tot Ion: 43 Resp: 2760

Ion Ratio Lower Upper

43 100

58 26.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008215.D (-352) (-)

Ion 58.05 (57.75 to 58.75): VV008215.D (-352) (-)

2.22

1000

800

600

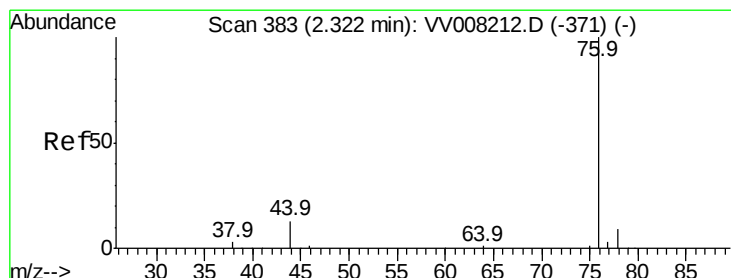
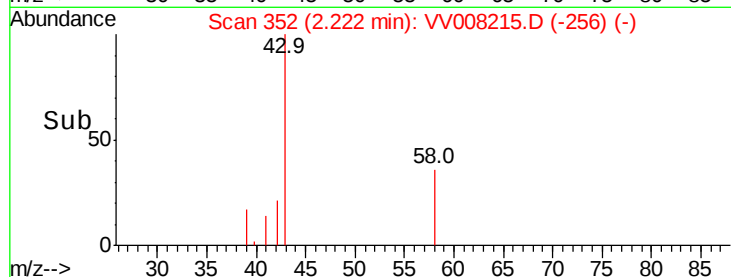
400

200

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 1.036 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008215.D

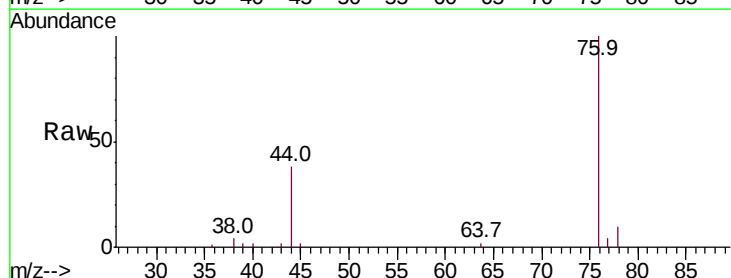
Acq: 09 Oct 2018 22:49

Tgt Ion: 76 Resp: 13632

Ion Ratio Lower Upper

76 100

78 9.7 8.0 12.0



Abundance Ion 76.05 (75.75 to 76.75): VV008215.D (-383) (-)

Ion 78.00 (77.70 to 78.70): VV008215.D (-383) (-)

2.32

10000

8000

6000

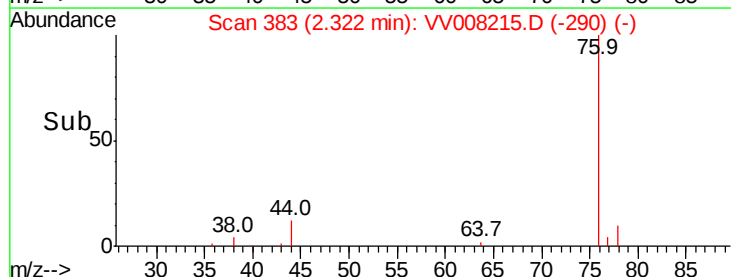
4000

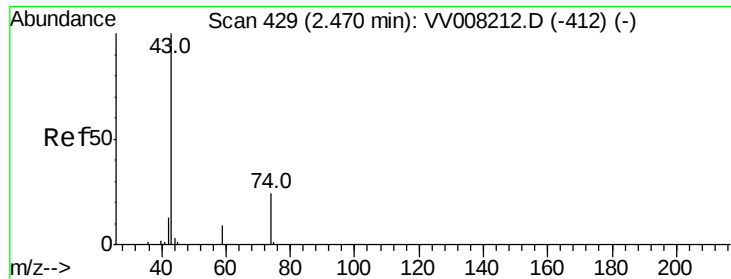
2000

0

Time-->

2.30 2.35

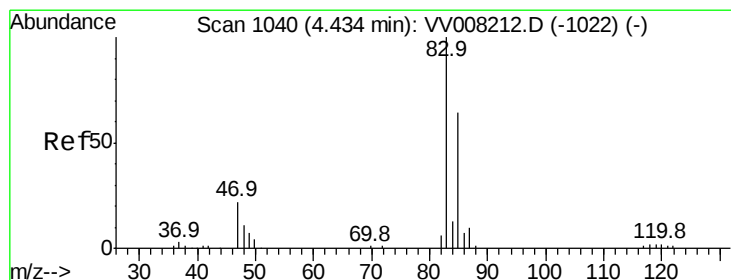
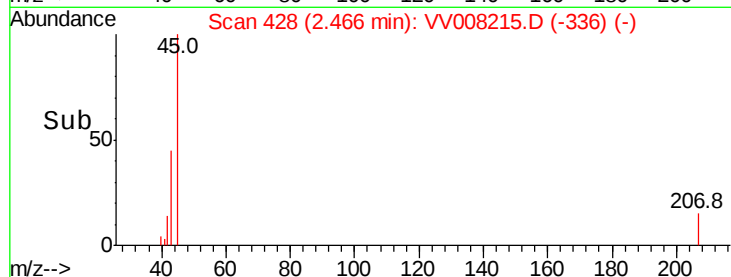
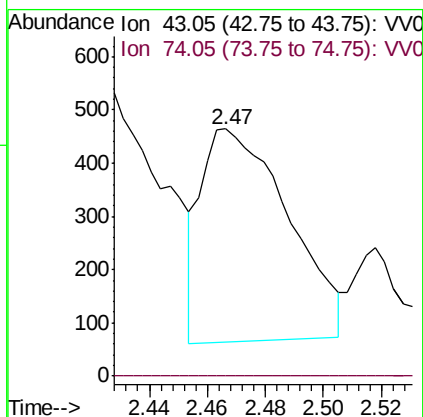
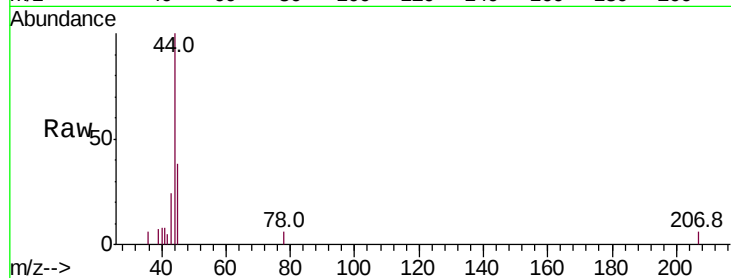




#15
Methyl Acetate
Concen: 0.365 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV008215.D
Acq: 09 Oct 2018 22:49

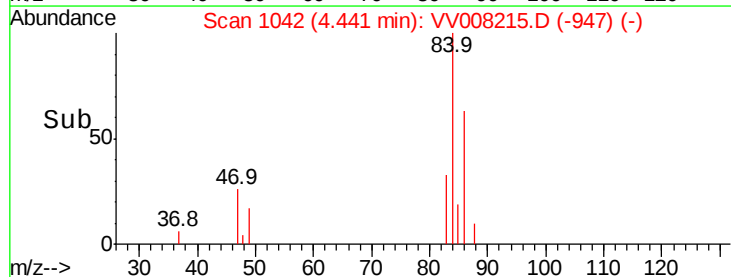
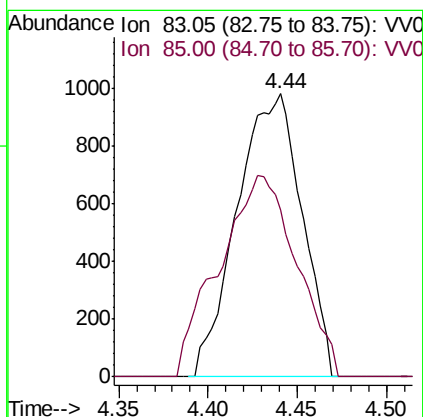
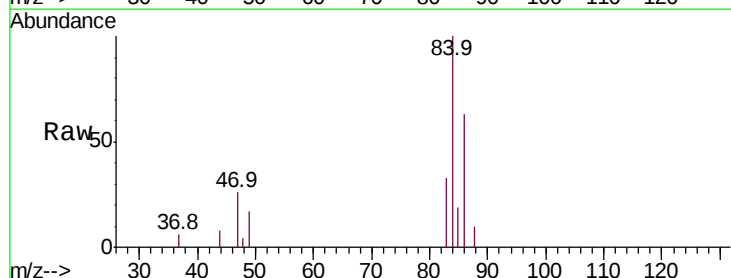
Instrument :
MSVOA_V
ClientSampled :
BEYN2

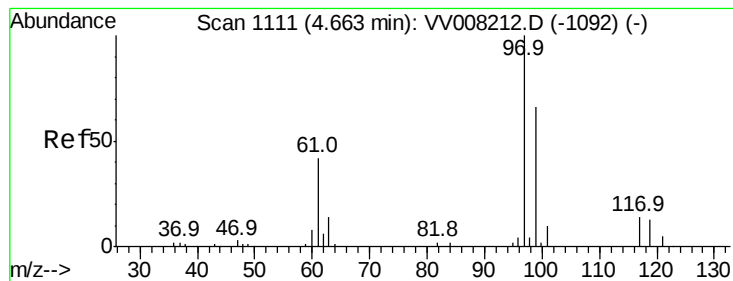
Tot Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#25
Chloroform
Concen: 0.215 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008215.D
Acq: 09 Oct 2018 22:49

Tgt Ion: 83 Resp: 2488
Ion Ratio Lower Upper
83 100
85 59.0 44.6 82.8





#29

1,1,1-Trichloroethane

Concen: 0.177 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VV008215.D

Acq: 09 Oct 2018 22:49

Instrument :

MSVOA_V

ClientSampled :

BEYN2

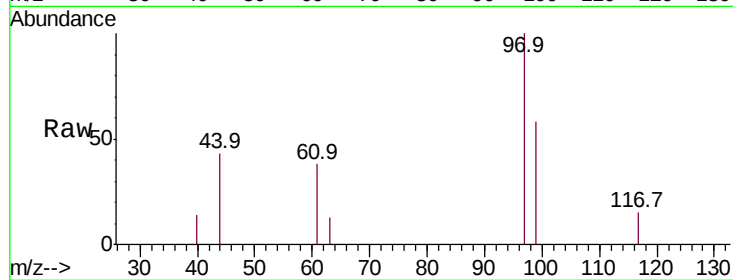
Tot Ion: 97 Resp: 1847

Ion Ratio Lower Upper

97 100

99 61.5 51.0 76.4

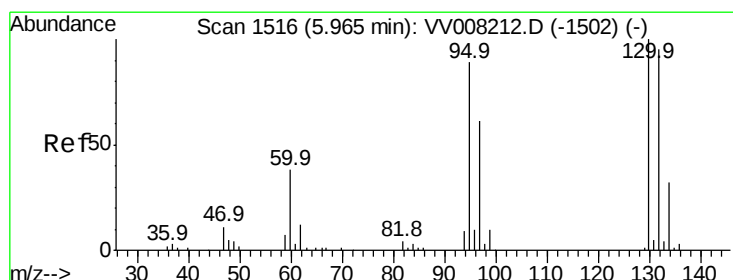
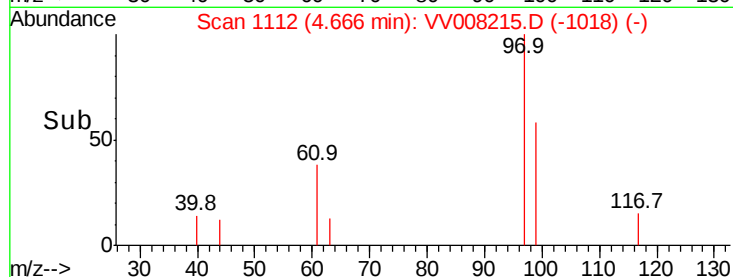
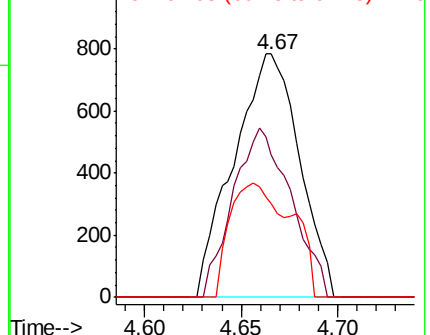
61 43.9 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV008215.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV008215.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV008215.D (-1092) (-)



#34

Trichloroethene

Concen: 3.889 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV008215.D

Acq: 09 Oct 2018 22:49

Tgt Ion: 95 Resp: 26861

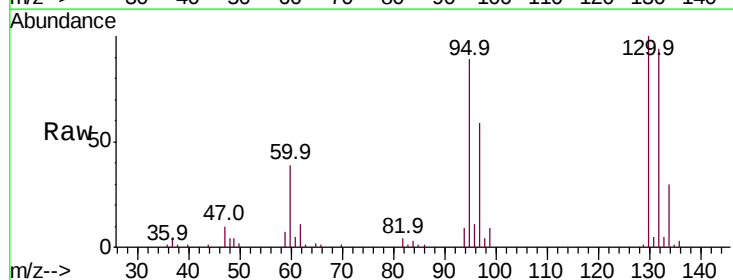
Ion Ratio Lower Upper

95 100

97 66.4 44.9 83.5

132 105.6 73.6 136.6

130 112.0 76.2 141.6

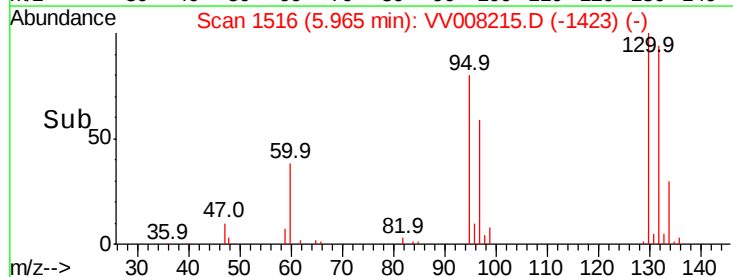
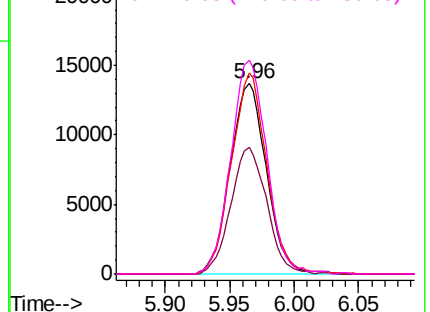


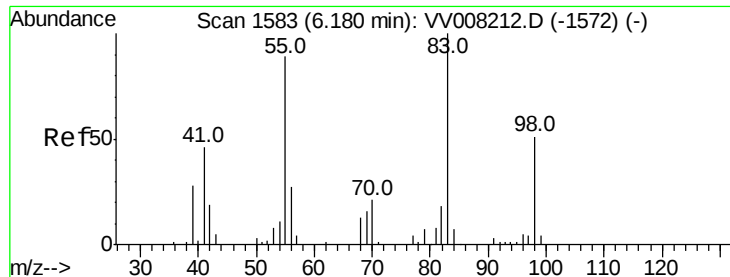
Abundance Ion 95.00 (94.70 to 95.70): VV008215.D (-1423) (-)

Ion 96.95 (96.65 to 97.65): VV008215.D (-1423) (-)

Ion 131.95 (131.65 to 132.65): VV008215.D (-1423) (-)

Ion 129.95 (129.65 to 130.65): VV008215.D (-1423) (-)





#35

Methvlcvclohexane

Concen: 0.893 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008215.D

Acq: 09 Oct 2018 22:49

Instrument :
MSVOA_V
ClientSampleId :
BEYN2

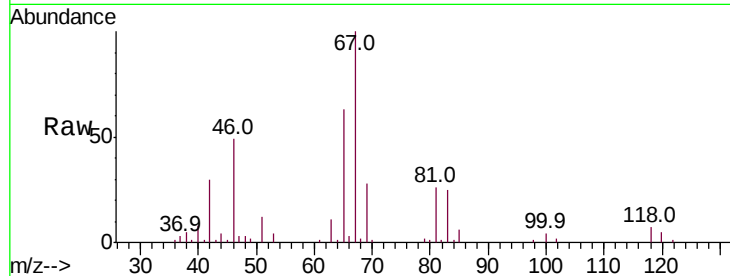
Tot Ion: 83 Resp: 8614

Ion Ratio Lower Upper

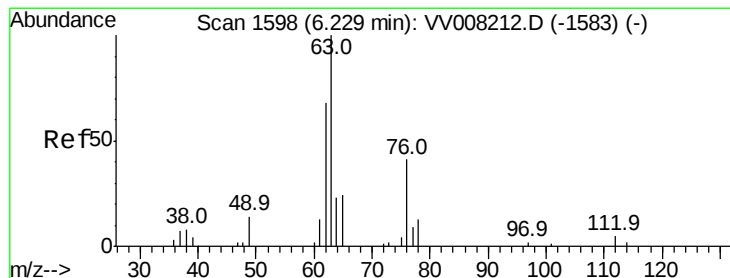
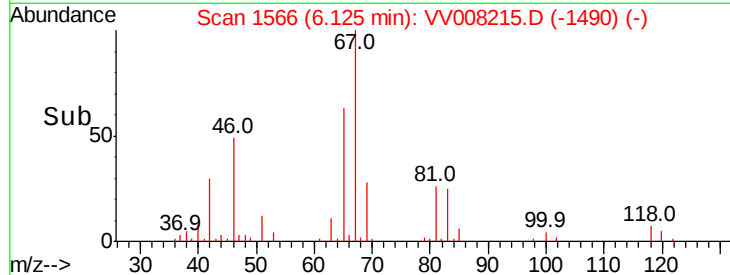
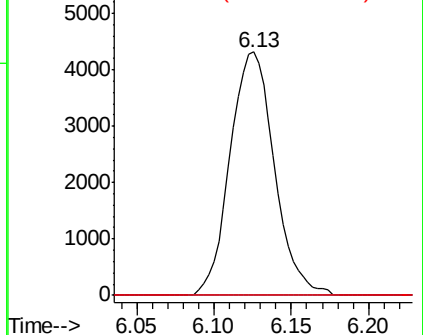
83 100

55 0.0 63.6 95.4#

98 0.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008215.D

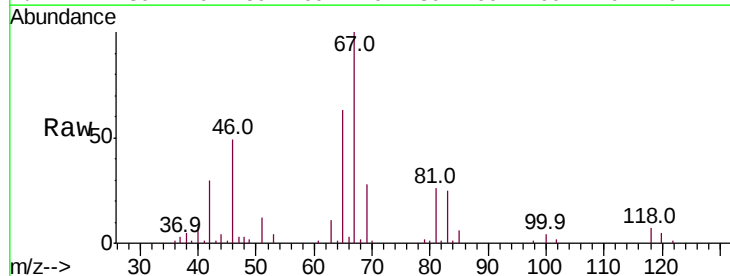
Acq: 09 Oct 2018 22:49

Tgt Ion: 63 Resp: 3676

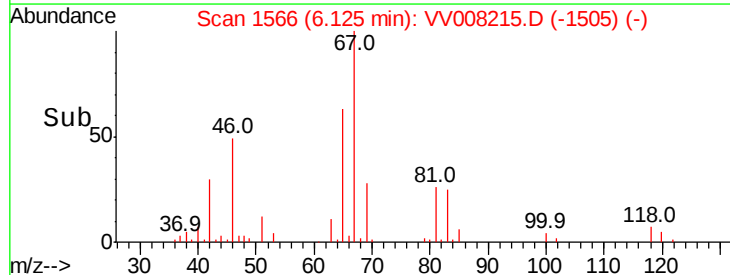
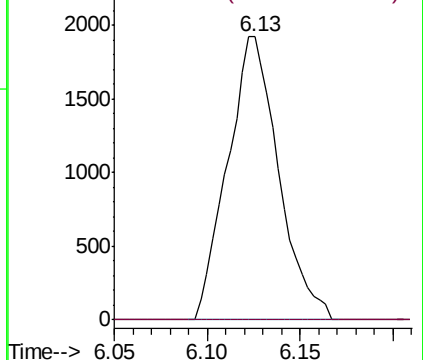
Ion Ratio Lower Upper

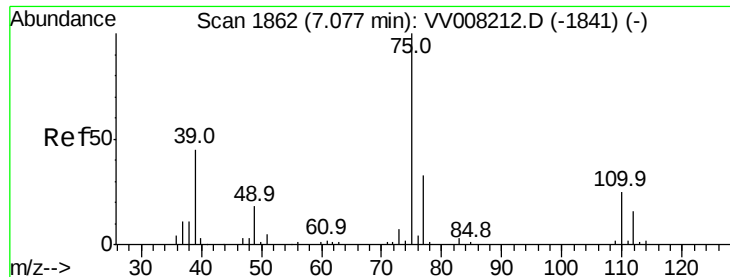
63 100

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



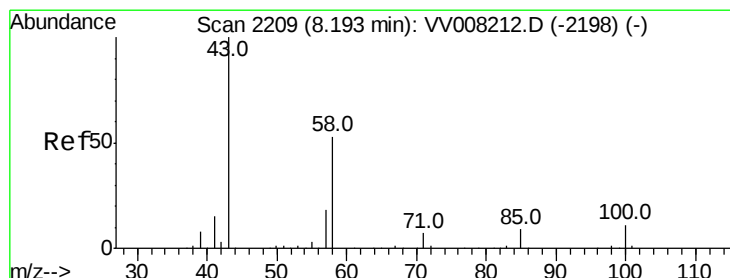
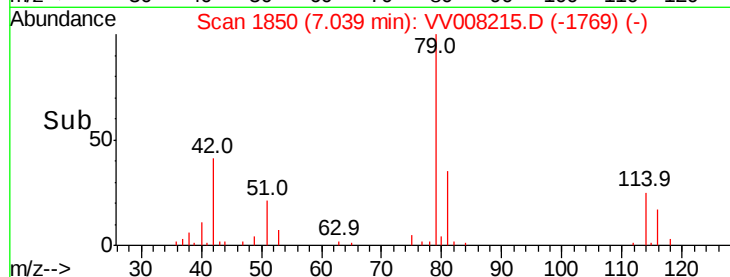
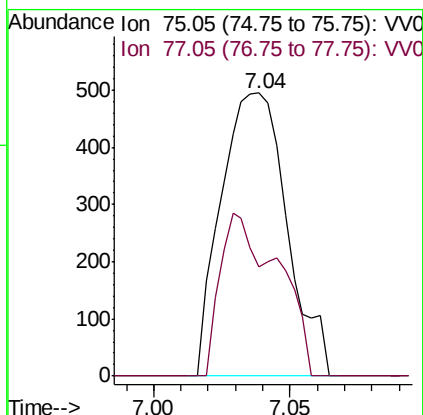
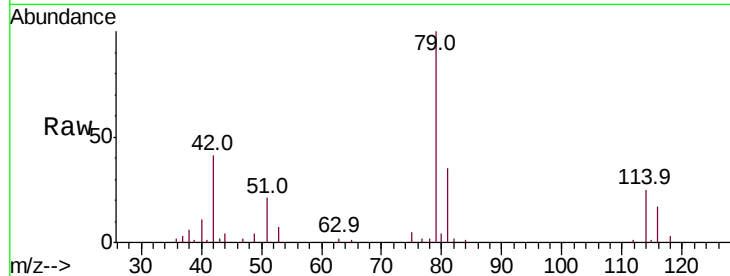


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.04 min
Lab File: VV008215.D
Acq: 09 Oct 2018 22:49

Instrument :
MSVOA_V
ClientSampled :
BEYN2

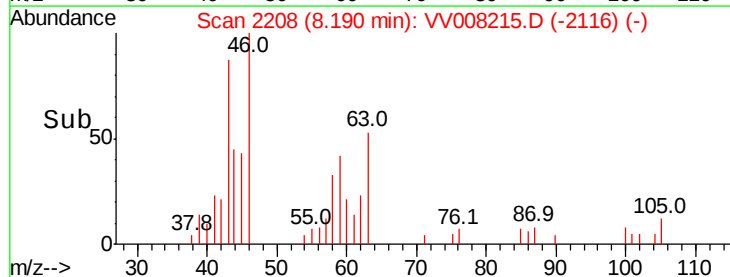
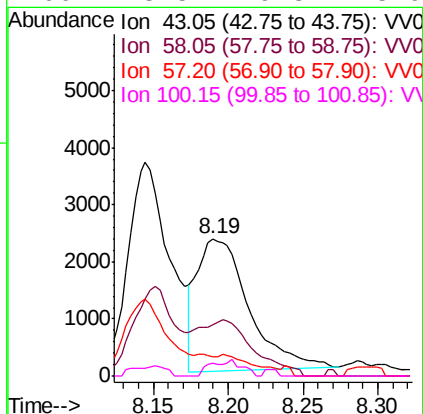
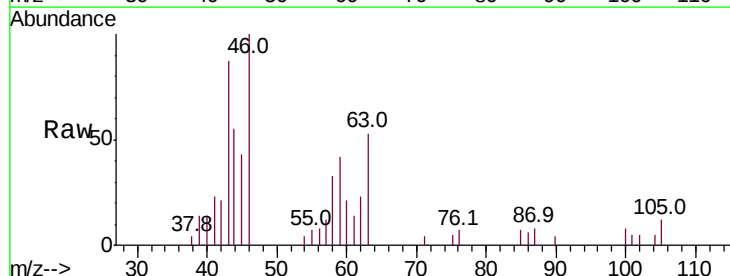
Tot Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
77 38.8 22.1 41.1

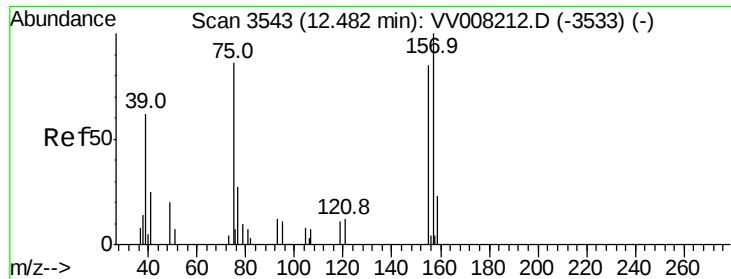


#48

2-Hexanone
Concen: 2.273 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV008215.D
Acq: 09 Oct 2018 22:49

Tgt Ion: 43 Resp: 5586
Ion Ratio Lower Upper
43 100
58 33.9 40.5 60.7#
57 0.0 14.6 22.0#
100 3.5 9.3 13.9#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.101 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV008215.D

Acq: 09 Oct 2018 22:49

Instrument :

MSVOA_V

ClientSampleId :

BEYN2

Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

157 0.0 93.1 139.7#

