

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007915.D
 Acq On : 27 Sep 2018 18:56
 Operator : SY/MD
 Sample : J5063-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:46:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85553	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22618	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.59	69	20883	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.14	63	38382	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	68559	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.41	84	52391	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	29226	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	102616	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	32367	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	96336	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	10520	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.14	63	50534	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23355	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	40026	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

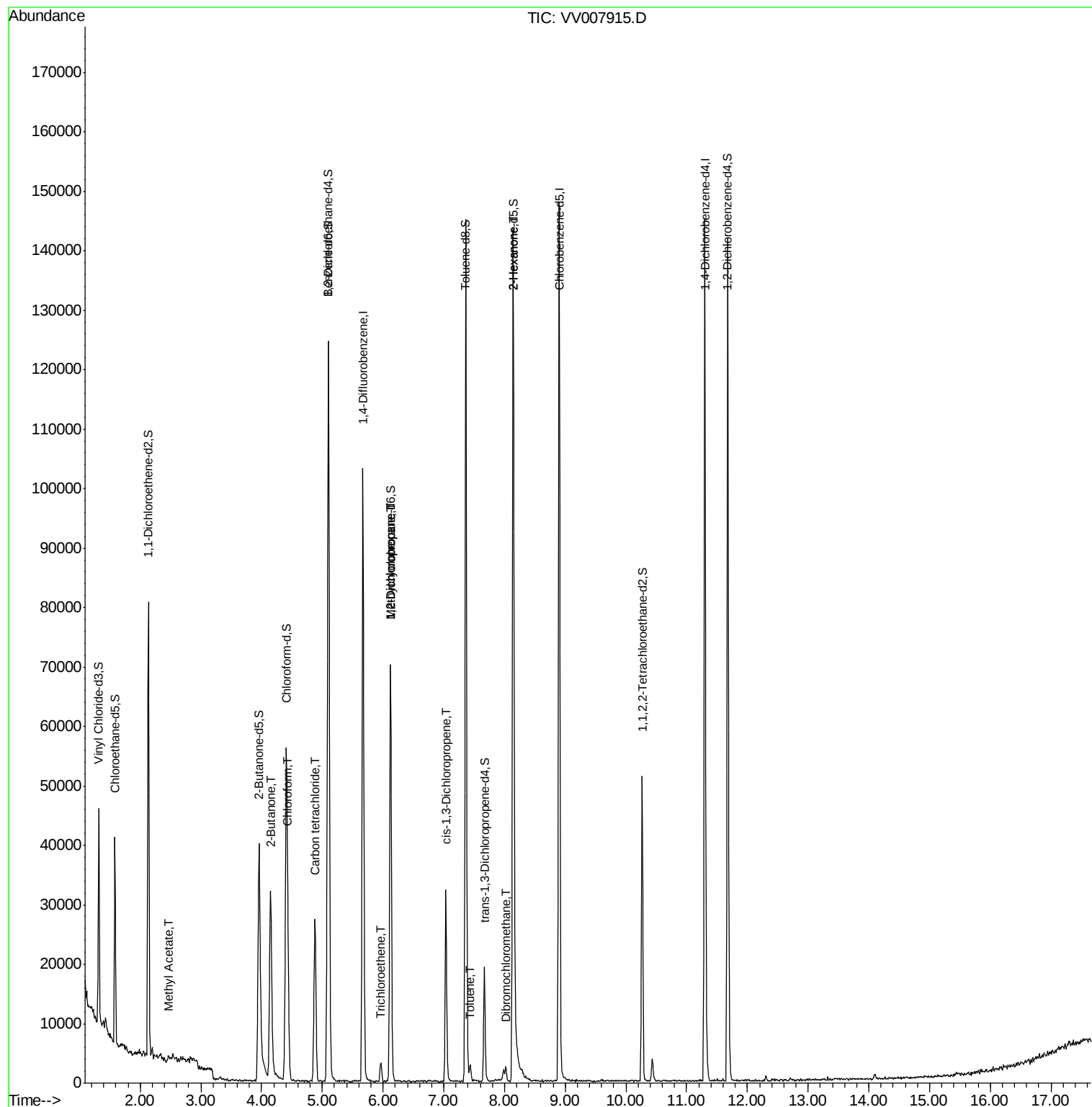
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.46	43	482	0.188	ug/L #	51
21) 2-Butanone	4.15	43	53125	33.175	ug/L #	50
25) Chloroform	4.44	83	13149	1.143	ug/L	99
31) Carbon tetrachloride	4.88	117	20152	2.298	ug/L	100
34) Trichloroethene	5.97	95	1236	0.182	ug/L	92
35) Methylcyclohexane	6.12	83	7894	0.776	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3648	0.603	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	804	0.099	ug/L #	56
42) Toluene	7.43	91	2109	0.082	ug/L	91
48) 2-Hexanone	8.14	43	7069	2.676	ug/L #	75
49) Dibromochloromethane	8.02	129	549	0.110	ug/L #	12

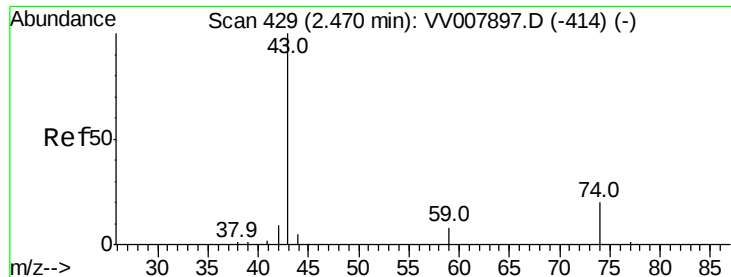
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.188 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

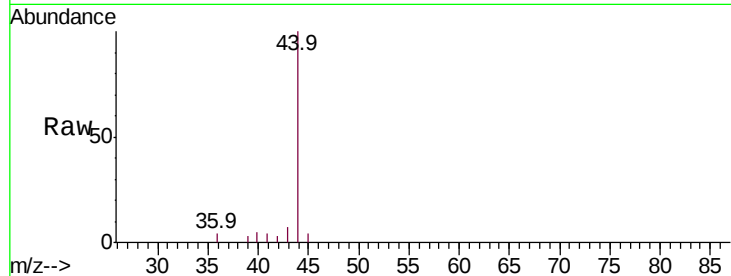
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 482

Ion Ratio Lower Upper

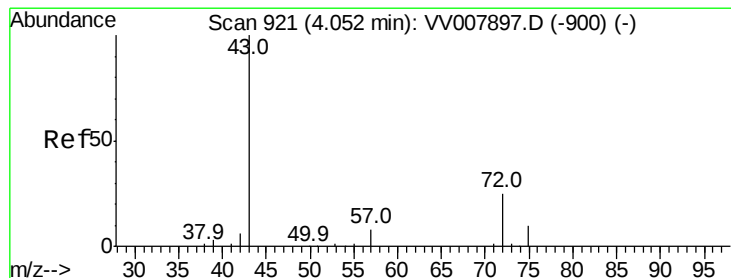
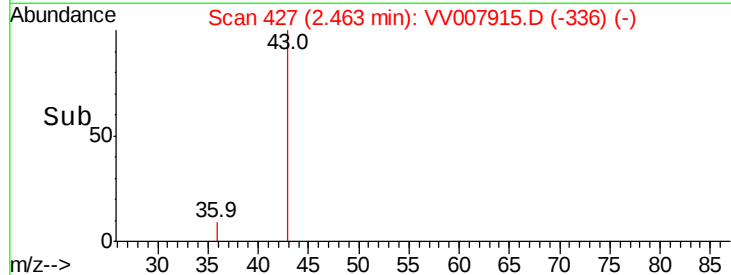
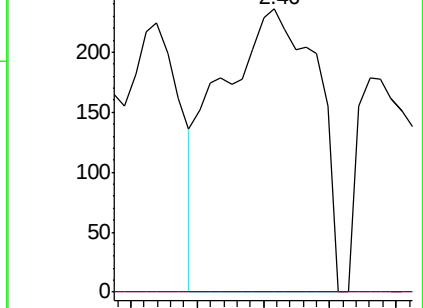
43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#21

2-Butanone

Concen: 33.175 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007915.D

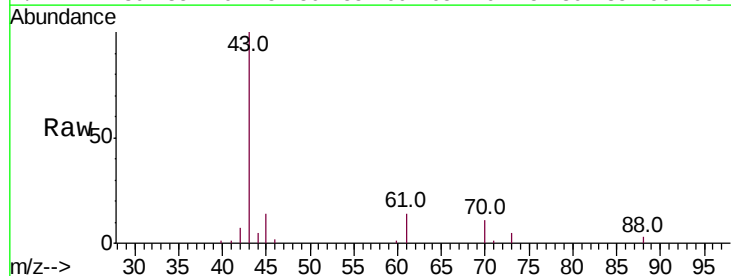
Acq: 27 Sep 2018 18:56

Tgt Ion: 43 Resp: 53125

Ion Ratio Lower Upper

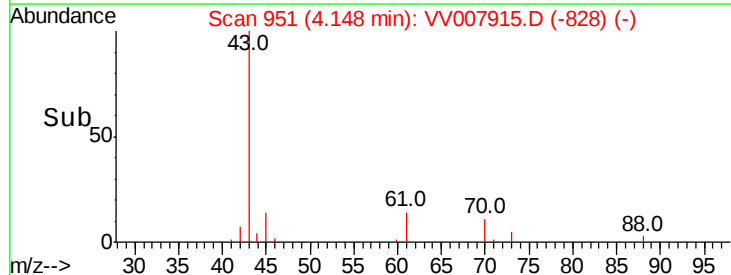
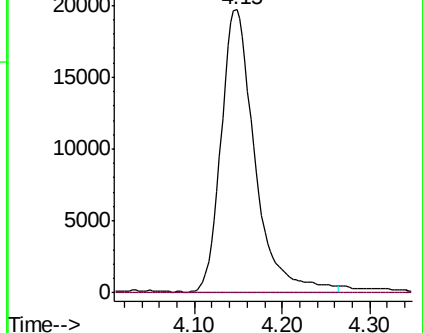
43 100

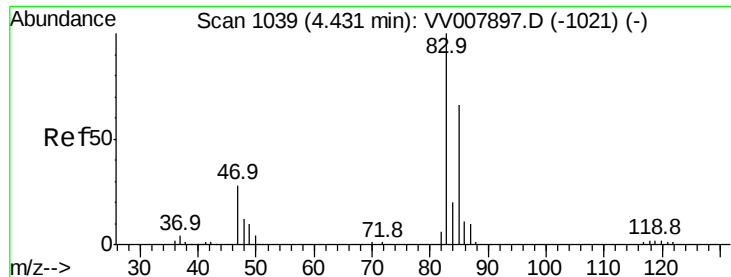
72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

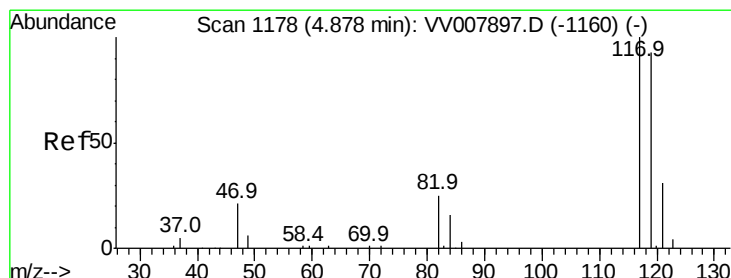
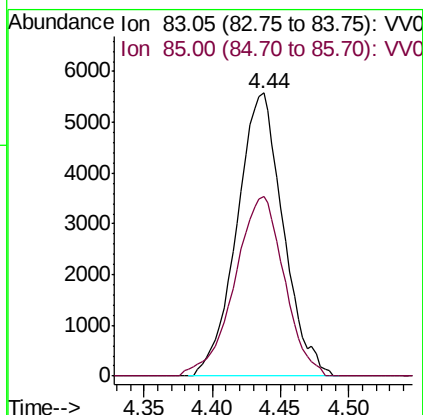
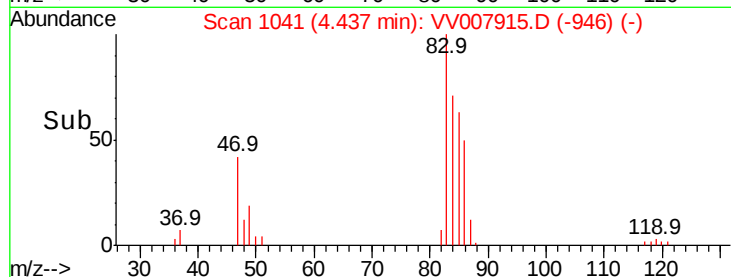
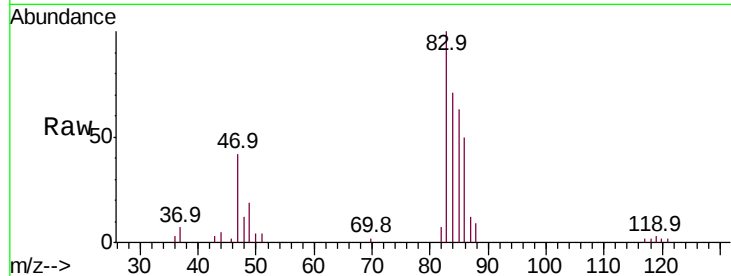




#25
Chloroform
Concen: 1.143 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV007915.D
Acq: 27 Sep 2018 18:56

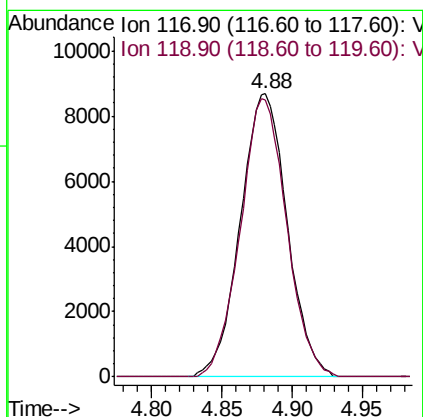
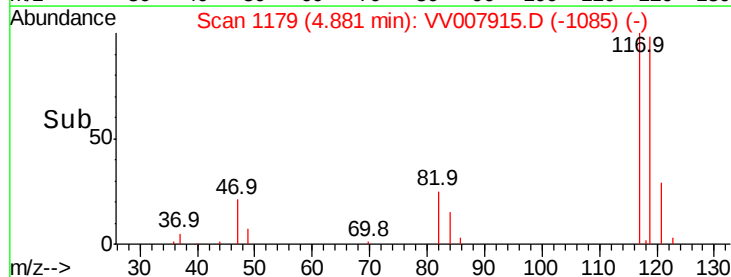
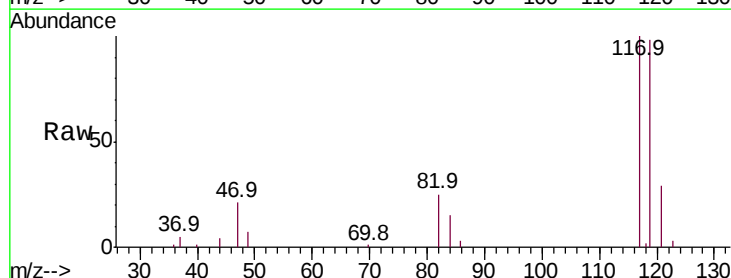
Instrument :
MSVOA_V
ClientSampled :

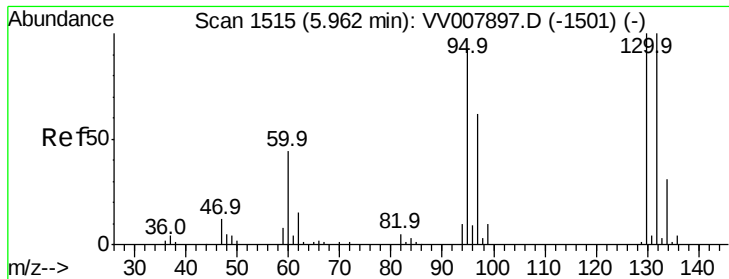
Tot Ion: 83 Resp: 13149
Ion Ratio Lower Upper
83 100
85 63.4 44.8 83.2



#31
Carbon tetrachloride
Concen: 2.298 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007915.D
Acq: 27 Sep 2018 18:56

Tgt Ion: 117 Resp: 20152
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8





#34

Trichloroethene

Concen: 0.182 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 1236

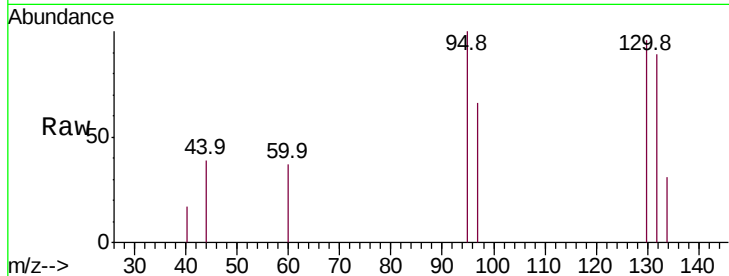
Ion Ratio Lower Upper

95 100

97 66.3 43.6 81.0

132 89.4 69.9 129.9

130 95.8 71.7 133.3

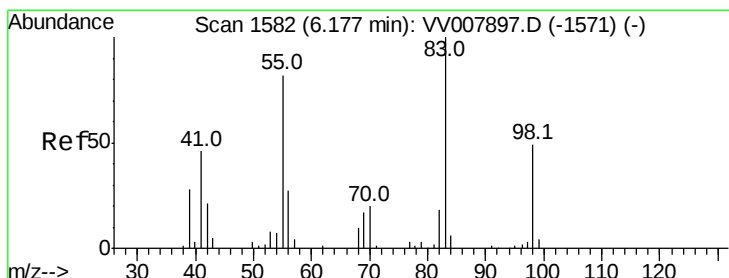
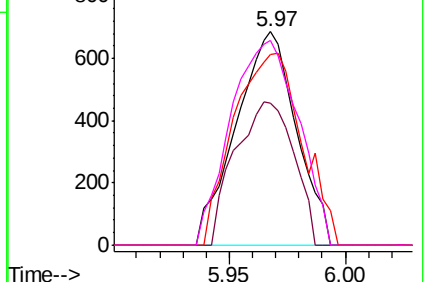
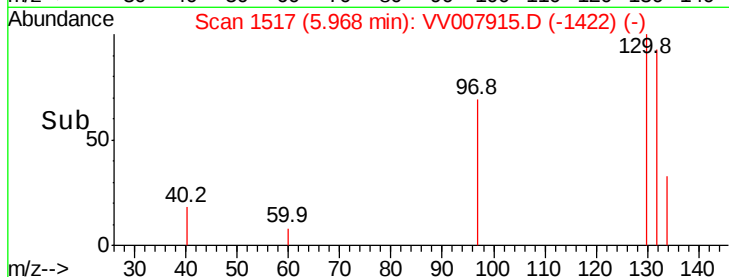


Abundance Ion 95.00 (94.70 to 95.70): VV007897.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007897.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007897.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007897.D (-1501) (-)



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

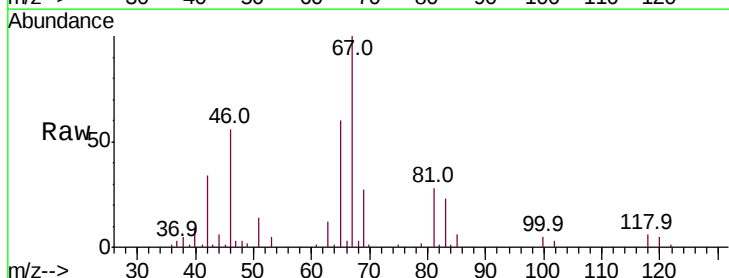
Tgt Ion: 83 Resp: 7894

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

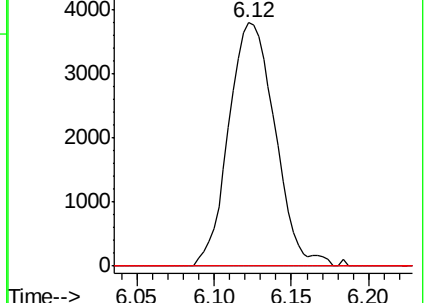
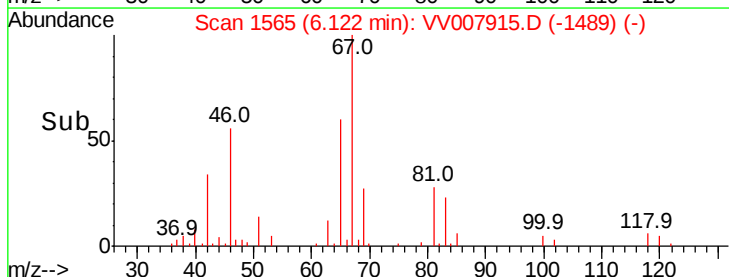
98 0.0 38.0 57.0#

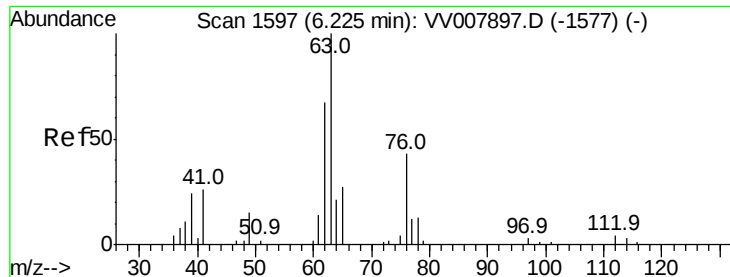


Abundance Ion 83.15 (82.85 to 83.85): VV007897.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV007897.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV007897.D (-1571) (-)





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

Instrument :

MSVOA_V

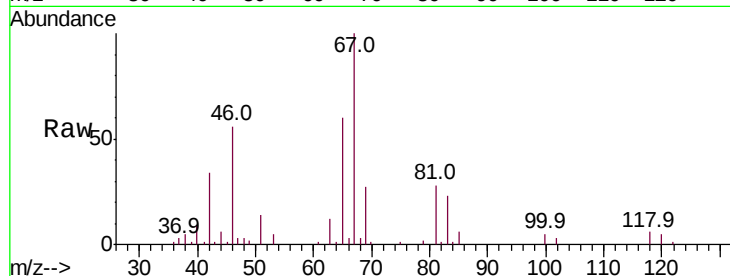
ClientSampleId :

Tot Ion: 63 Resp: 3648

Ion Ratio Lower Upper

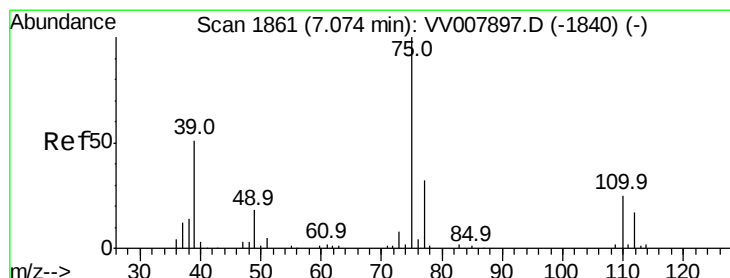
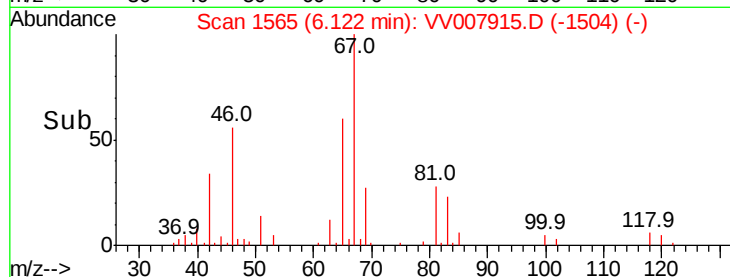
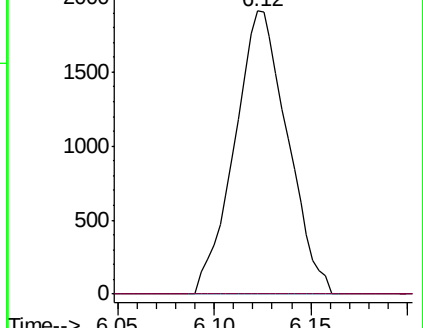
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007897.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007897.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007915.D

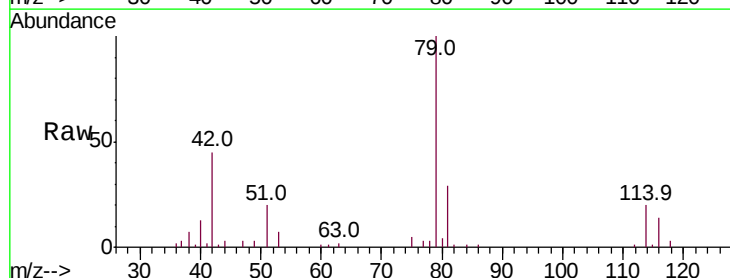
Acq: 27 Sep 2018 18:56

Tgt Ion: 75 Resp: 804

Ion Ratio Lower Upper

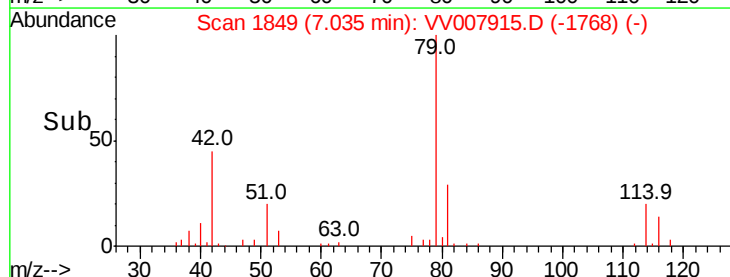
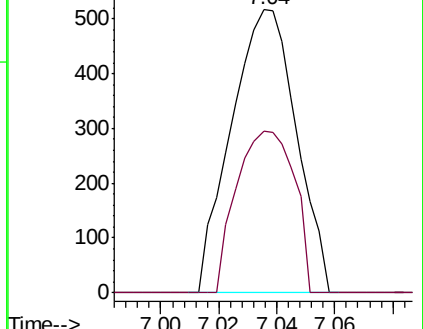
75 100

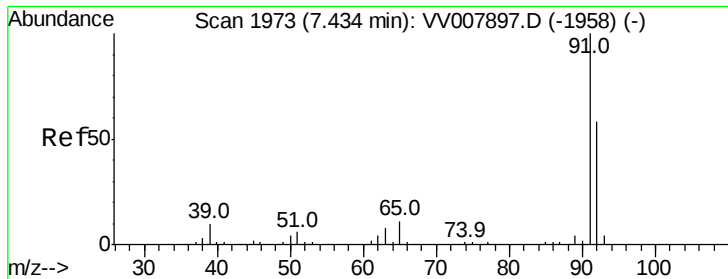
77 57.3 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007897.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007897.D (-1840) (-)





#42

Toluene

Concen: 0.082 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

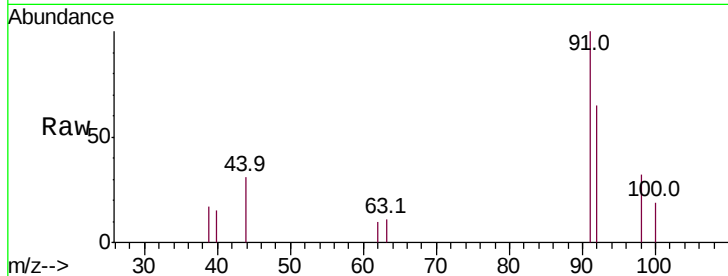
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 2109

Ion Ratio Lower Upper

91 100

92 65.2 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV007897.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV007897.D (-1958) (-)

7.43

1200

1000

800

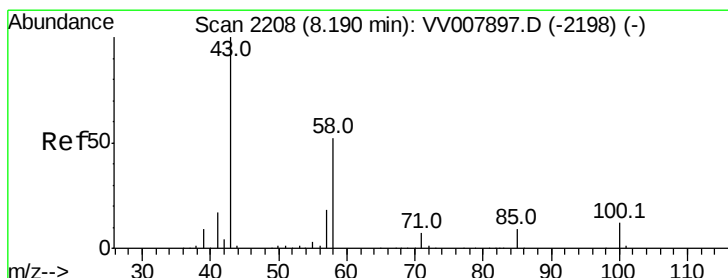
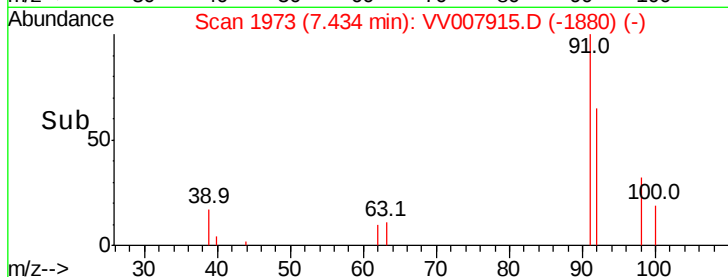
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.676 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

Tgt Ion: 43 Resp: 7069

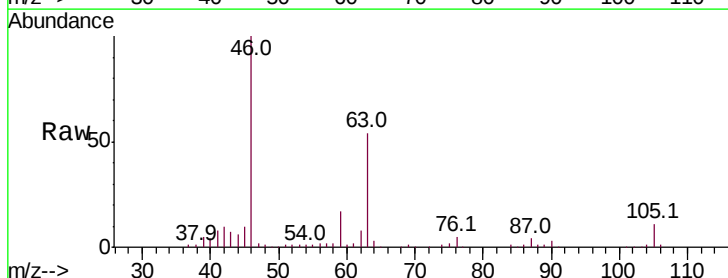
Ion Ratio Lower Upper

43 100

58 35.4 41.9 62.9#

57 28.9 14.3 21.5#

100 0.0 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VV007897.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007897.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007897.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007897.D (-2198) (-)

8.14

5000

4000

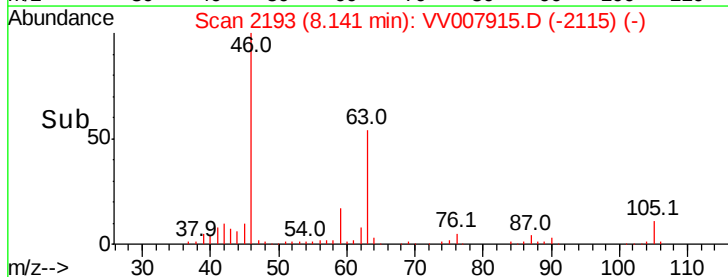
3000

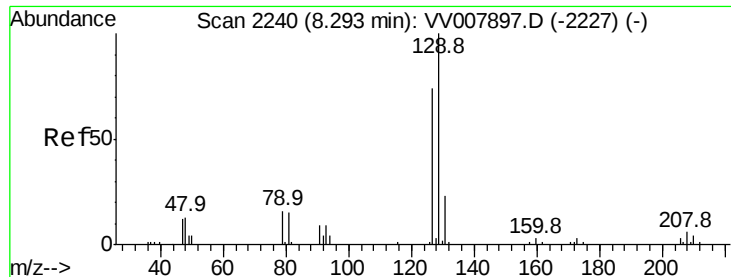
2000

1000

0

Time-->





#49

Dibromochloromethane

Concen: 0.110 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV007915.D

Acq: 27 Sep 2018 18:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 549

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#

