

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007934.D
 Acq On : 28 Sep 2018 03:35
 Operator : SY/MD
 Sample : J5062-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:52:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86512	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21046	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	20651	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.14	63	36442	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	68877	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.41	84	53788	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	28724	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	99854	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.13	67	32068	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	94156	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	9836	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	47868	44.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23246	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	40157	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

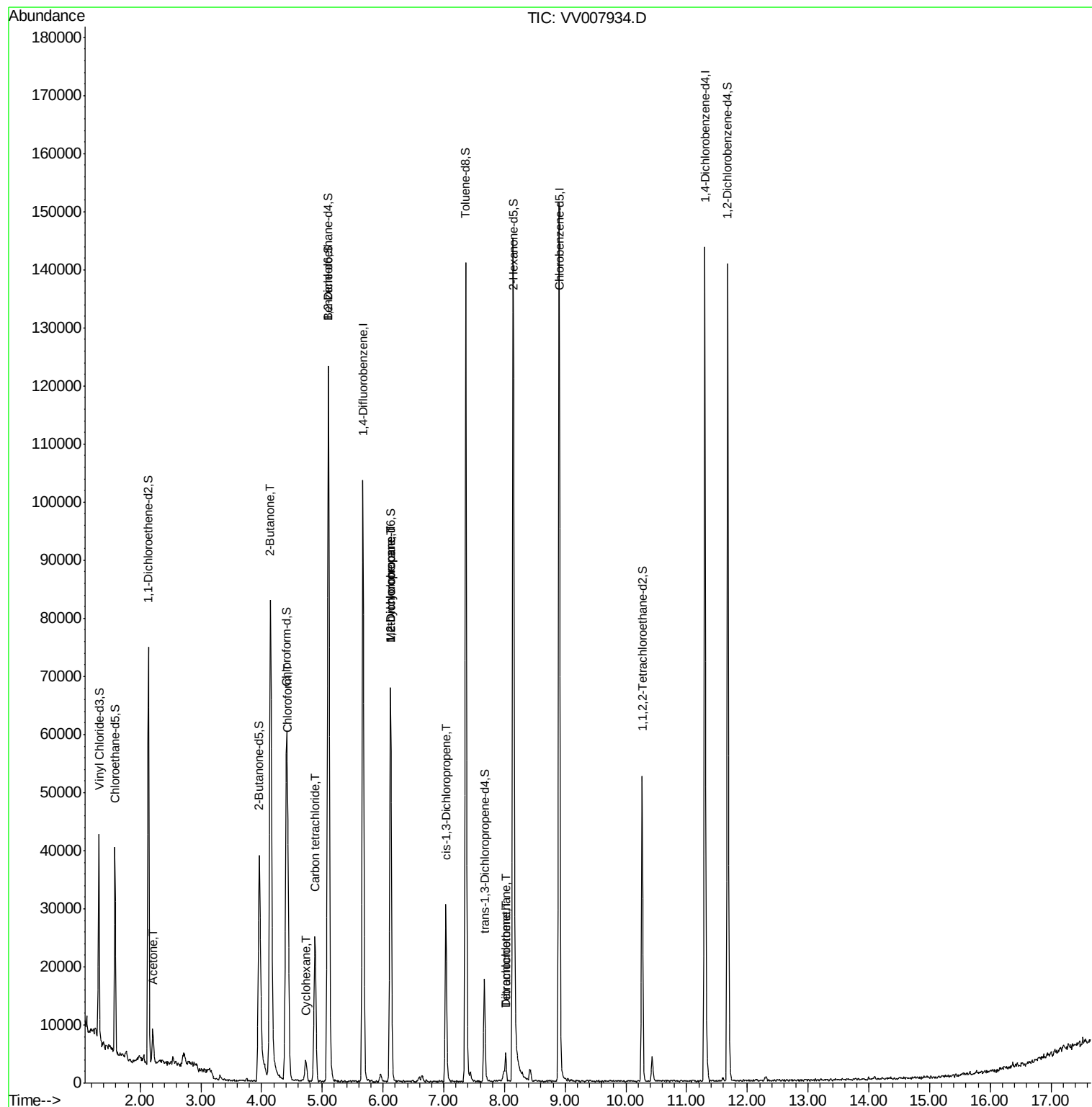
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	6548	6.443	ug/L	98
21) 2-Butanone	4.14	43	132027	81.534	ug/L #	50
25) Chloroform	4.43	83	25440	2.187	ug/L	100
30) Cyclohexane	4.72	56	1954	0.205	ug/L	98
31) Carbon tetrachloride	4.88	117	18118	2.031	ug/L	96
35) Methylcyclohexane	6.12	83	7943	0.768	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3624	0.589	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	748	0.091	ug/L #	65
47) Tetrachloroethene	8.02	164	1143	0.179	ug/L	90
49) Dibromochloromethane	8.02	129	930	0.183	ug/L #	12

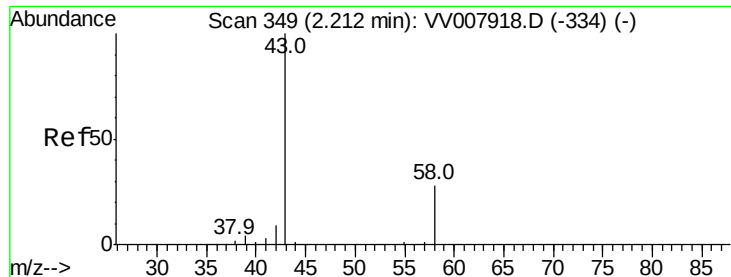
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 03:46:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.443 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV007934.D

Acq: 28 Sep 2018 03:35

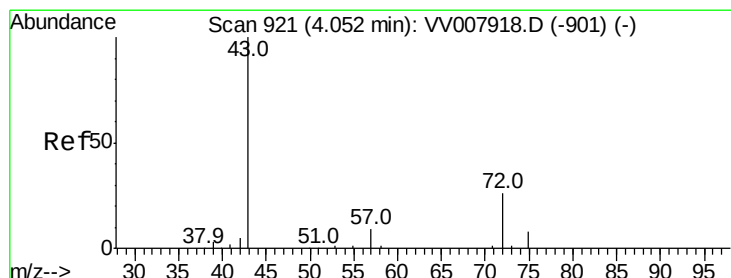
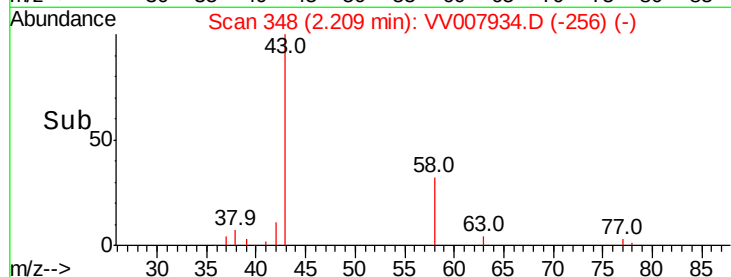
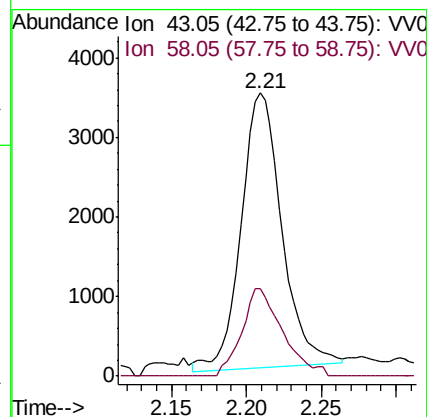
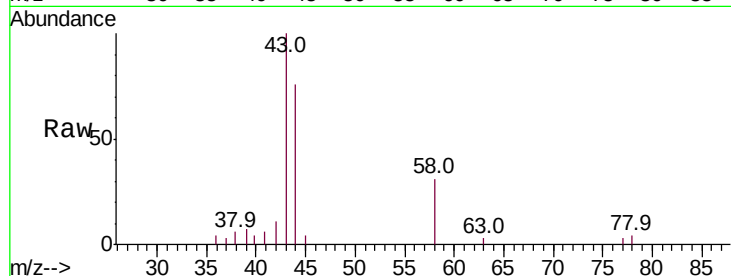
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6548

Ion Ratio Lower Upper

43 100

58 31.8 0.0 62.0



#21

2-Butanone

Concen: 81.534 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV007934.D

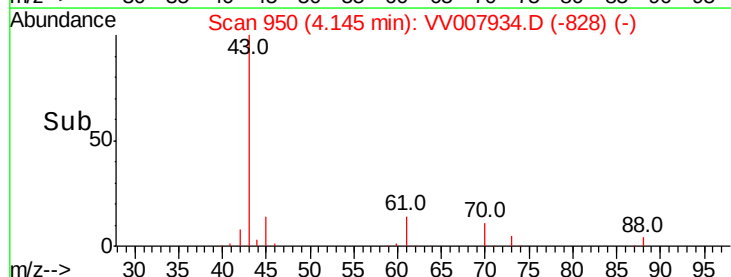
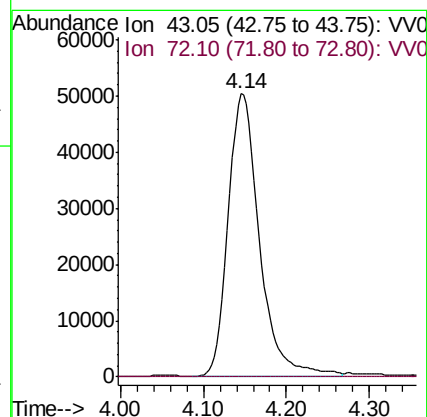
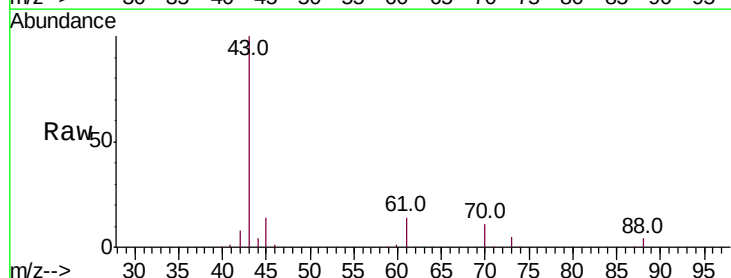
Acq: 28 Sep 2018 03:35

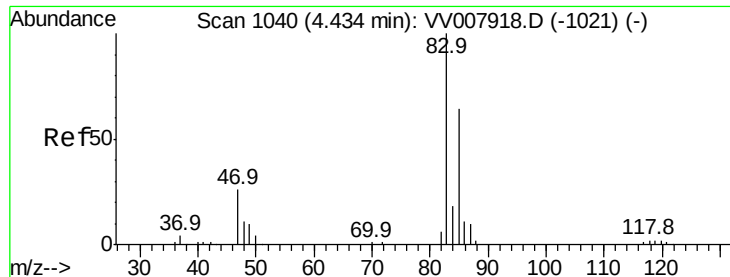
Tgt Ion: 43 Resp: 132027

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#

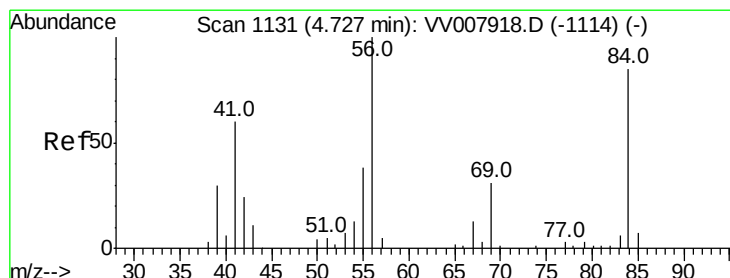
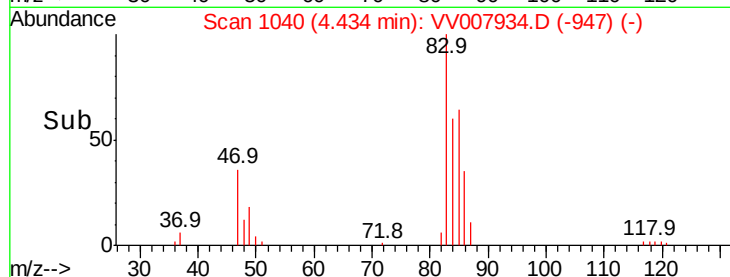
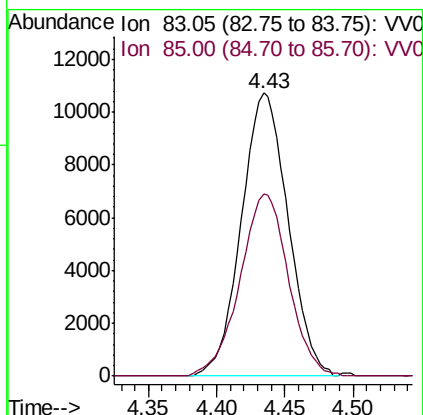
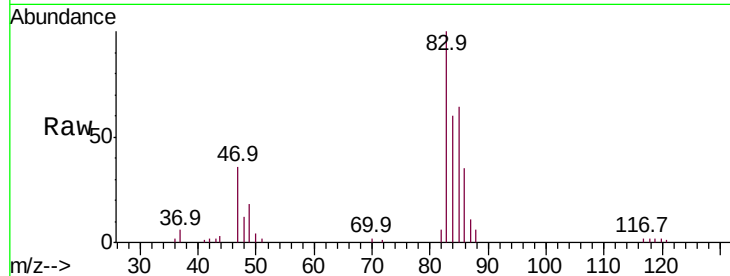




#25
Chloroform
Concen: 2.187 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007934.D
Acq: 28 Sep 2018 03:35

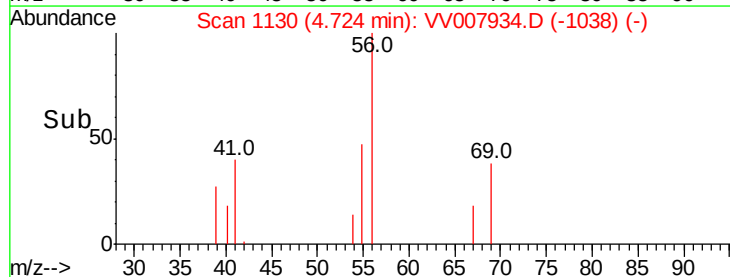
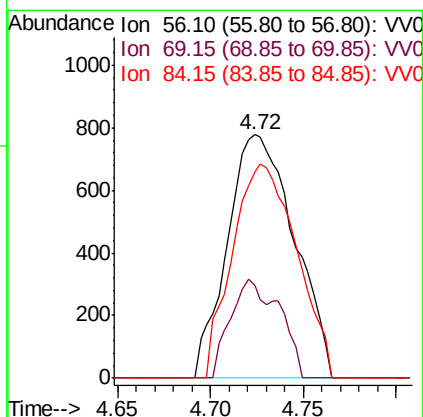
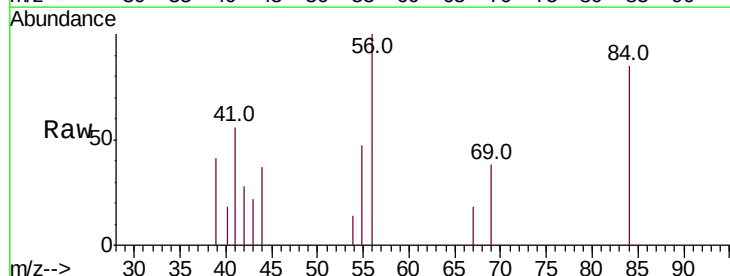
Instrument :
MSVOA_V
ClientSampled :

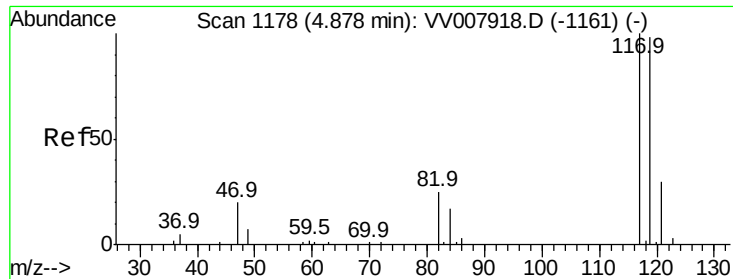
Tot Ion: 83 Resp: 25440
Ion Ratio Lower Upper
83 100
85 64.2 44.8 83.2



#30
Cyclohexane
Concen: 0.205 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV007934.D
Acq: 28 Sep 2018 03:35

Tgt Ion: 56 Resp: 1954
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 84.6 69.8 104.8





#31

Carbon tetrachloride

Concen: 2.031 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007934.D

Acq: 28 Sep 2018 03:35

Instrument :

MSVOA_V

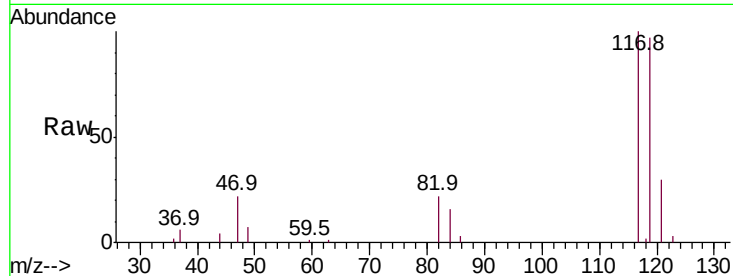
ClientSampleId :

Tot Ion:117 Resp: 18118

Ion Ratio Lower Upper

117 100

119 101.5 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

8000

6000

4000

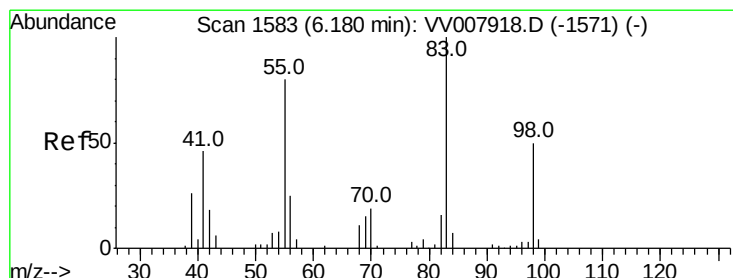
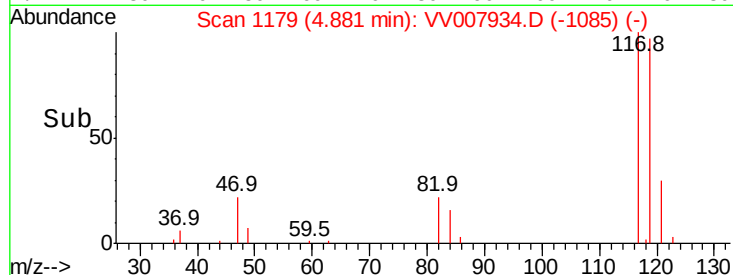
2000

0

4.88

4.85 4.90 4.95

Time-->



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007934.D

Acq: 28 Sep 2018 03:35

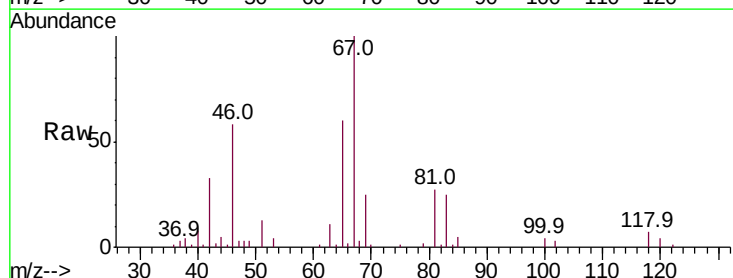
Tgt Ion: 83 Resp: 7943

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.5 38.0 57.0#



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

5000

4000

3000

2000

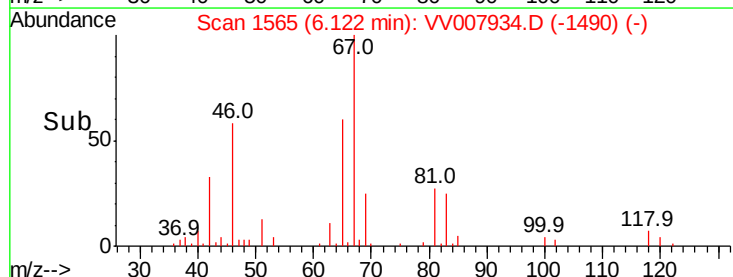
1000

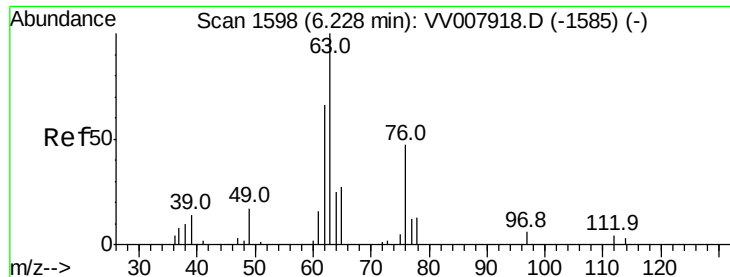
0

6.12

6.05 6.10 6.15 6.20

Time-->





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007934.D

Acq: 28 Sep 2018 03:35

Instrument :

MSVOA_V

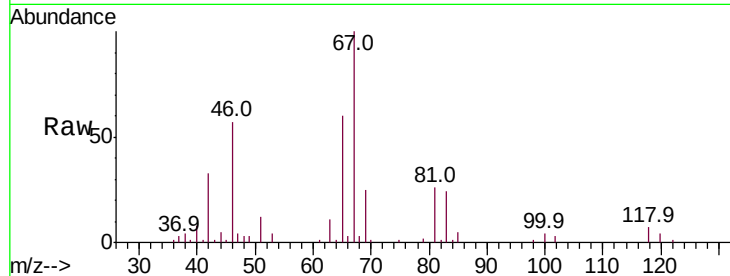
ClientSampleId :

Tot Ion: 63 Resp: 3624

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007918.D (-1585) (-)

Ion 112.10 (111.80 to 112.80): VV007918.D (-1585) (-)

6.13

1500

1000

500

0

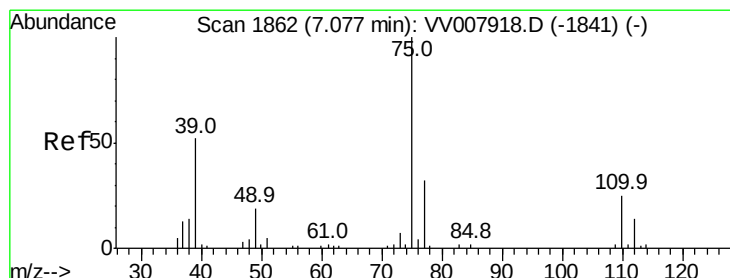
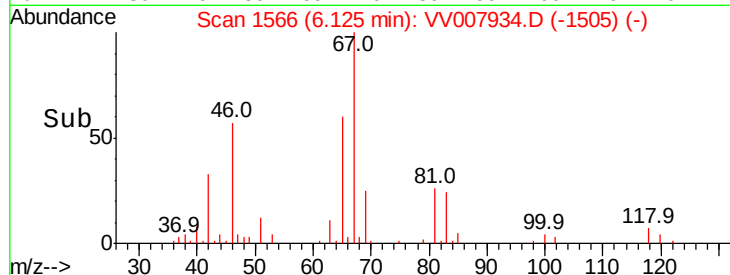
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007934.D

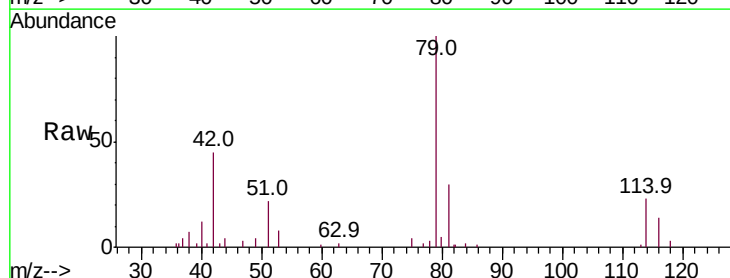
Acq: 28 Sep 2018 03:35

Tgt Ion: 75 Resp: 748

Ion Ratio Lower Upper

75 100

77 52.2 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007918.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007918.D (-1841) (-)

7.04

400

300

200

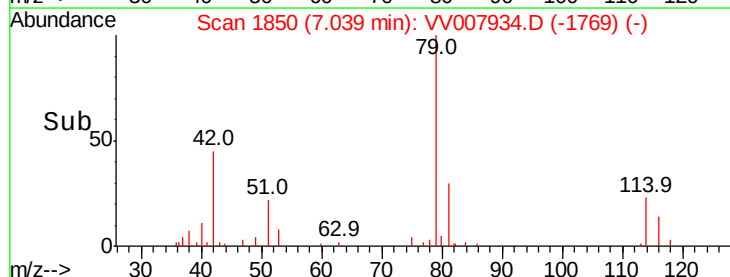
100

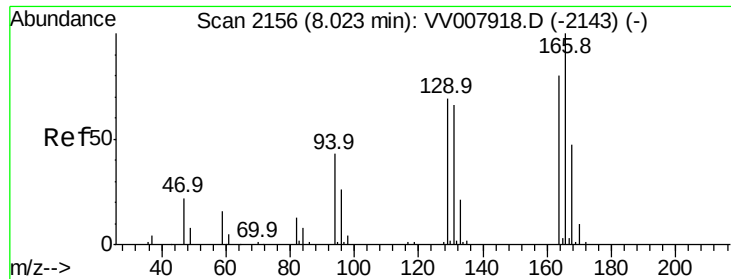
0

7.00

7.05

Time-->

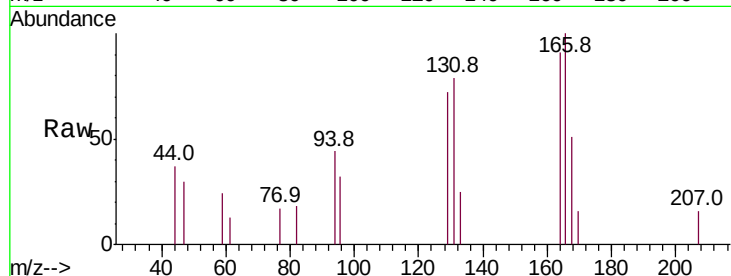




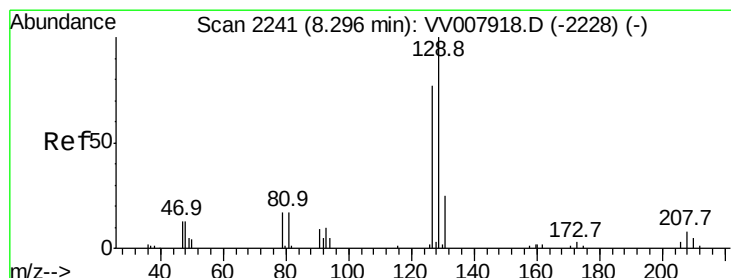
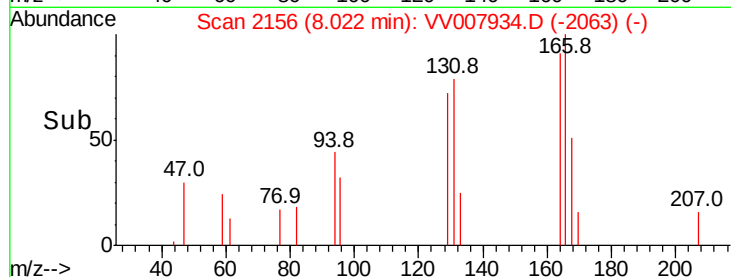
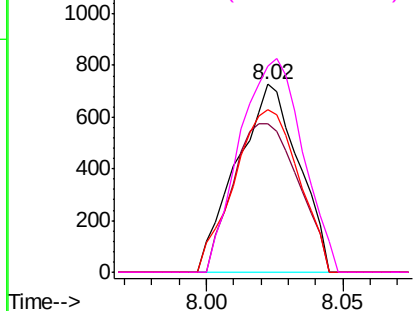
#47
Tetrachloroethene
Concen: 0.179 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV007934.D
Acq: 28 Sep 2018 03:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 1143
Ion Ratio Lower Upper
164 100
129 79.1 59.2 110.0
131 86.8 57.1 106.1
166 109.9 88.6 164.6

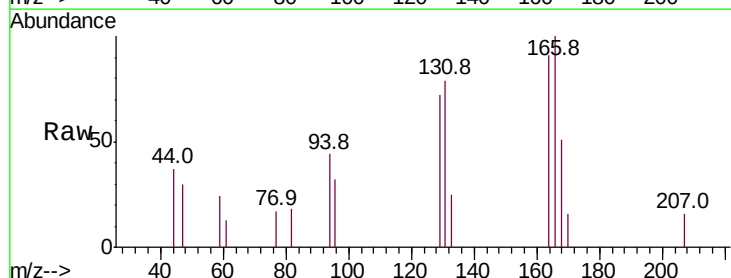


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.183 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007934.D
Acq: 28 Sep 2018 03:35

Tgt Ion:129 Resp: 930
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

