

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007960.D
 Acq On : 28 Sep 2018 18:34
 Operator : SY/MD
 Sample : J5062-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC18

Quant Time: Oct 01 01:54:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 01:51:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89289	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18699	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.59	69	17838	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.14	63	31283	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.96	46	65953	45.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.62%
24) Chloroform-d	4.41	84	48001	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	25656	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.10	84	89992	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	29659	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	83739	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	9628	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.14	63	48412	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21613	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	35991	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

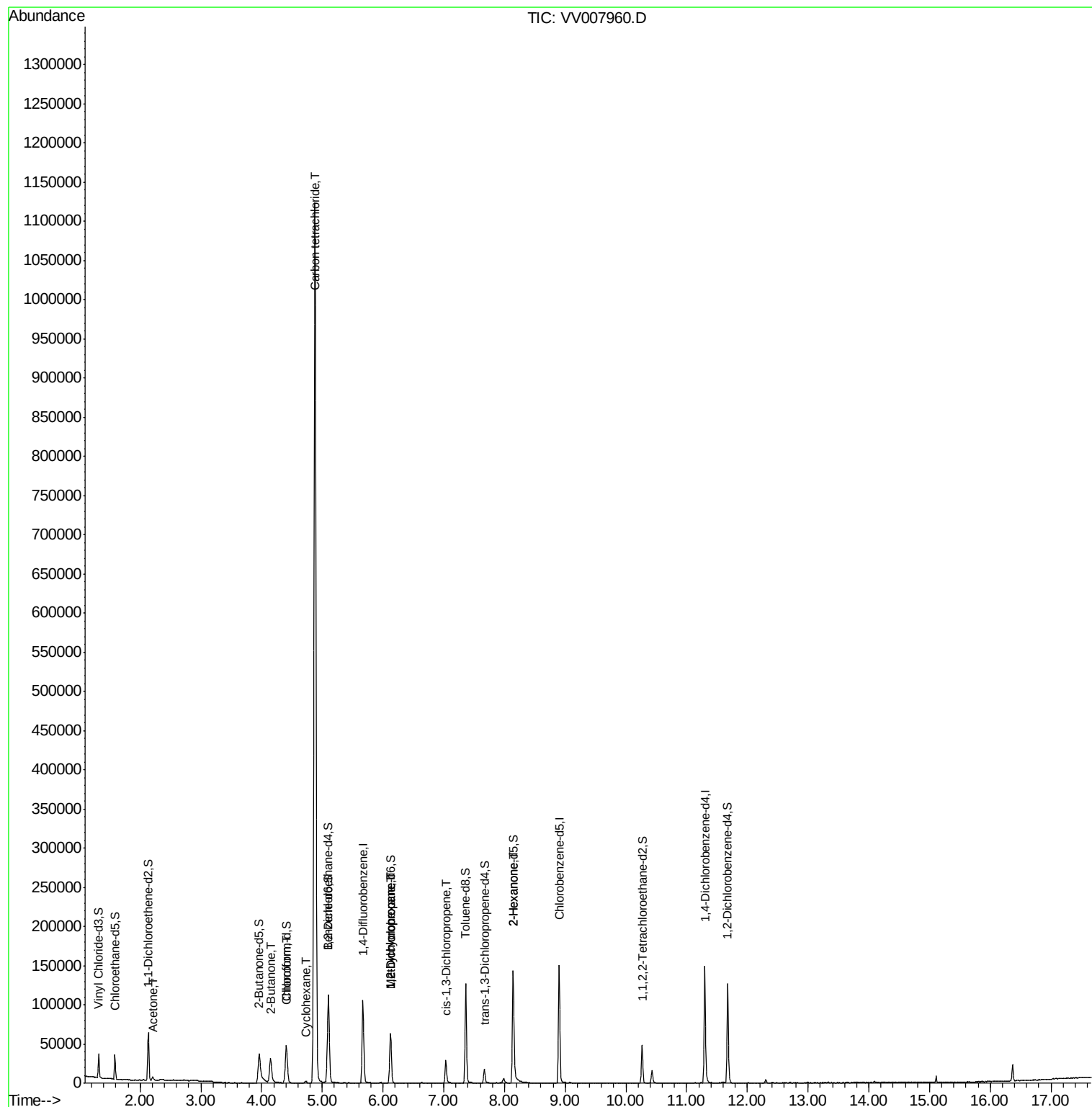
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	5019	4.785	ug/L	99
21) 2-Butanone	4.15	43	48302	28.901	ug/L #	50
25) Chloroform	4.42	83	1335	0.111	ug/L	85
30) Cyclohexane	4.73	56	954	0.101	ug/L #	24
31) Carbon tetrachloride	4.88	117	822504	93.001	ug/L	99
35) Methylcyclohexane	6.12	83	7503	0.731	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3355	0.550	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	774	0.095	ug/L #	55
48) 2-Hexanone	8.14	43	7138	2.679	ug/L #	77

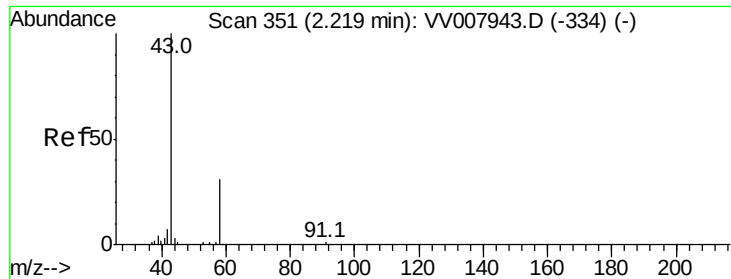
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 01:51:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.785 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

Instrument :

MSVOA_V

ClientSampleId :

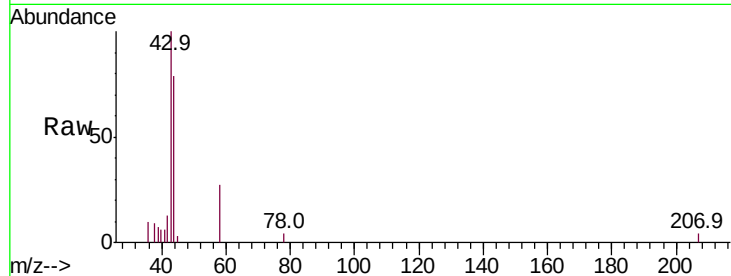
GAC18

Tot Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

58 30.2 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007943.D (-334) (-)

2.21

3000

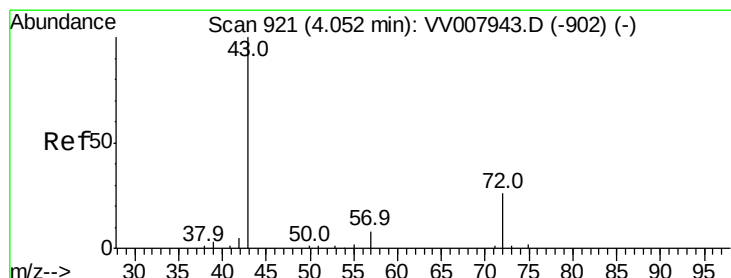
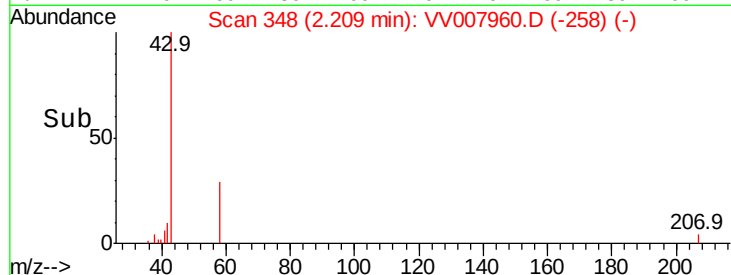
2000

1000

0

Time-->

2.15 2.20 2.25



#21

2-Butanone

Concen: 28.901 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007960.D

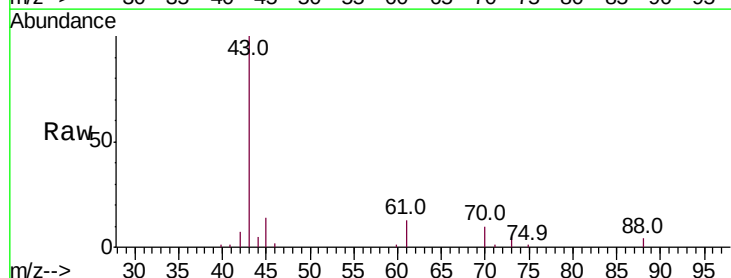
Acq: 28 Sep 2018 18:34

Tgt Ion: 43 Resp: 48302

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-902) (-)

Ion 72.10 (71.80 to 72.80): VV007943.D (-902) (-)

4.15

20000

15000

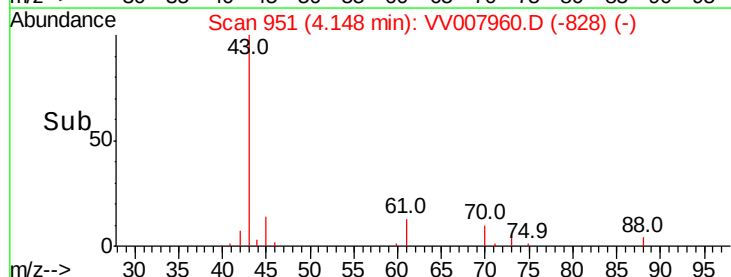
10000

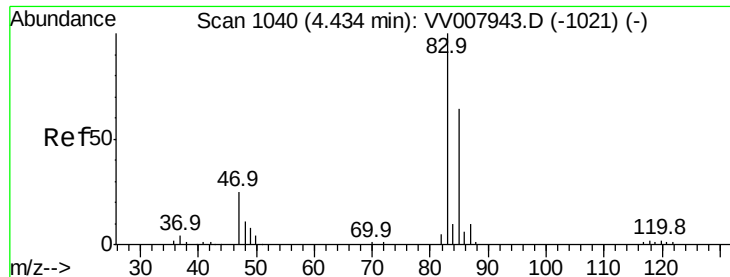
5000

0

Time-->

4.10 4.20





#25

Chloroform

Concen: 0.111 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

Instrument :

MSVOA_V

ClientSampled :

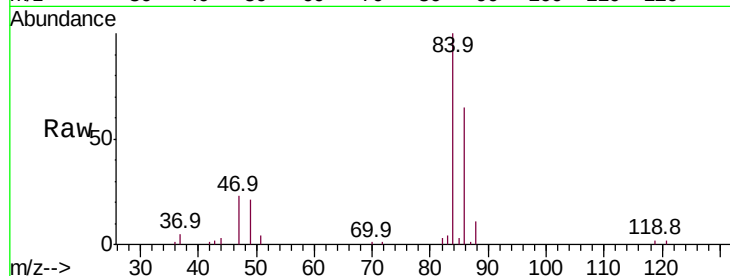
GAC18

Tot Ion: 83 Resp: 1335

Ion Ratio Lower Upper

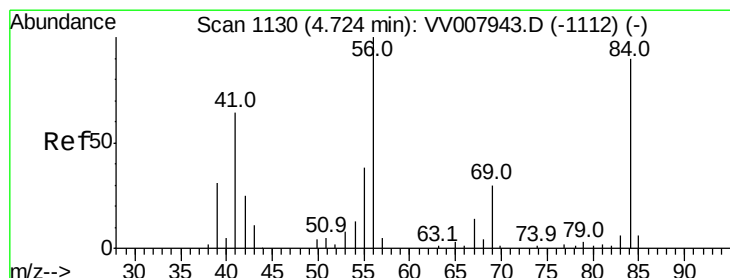
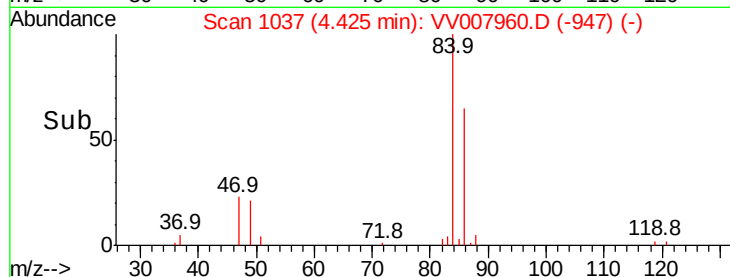
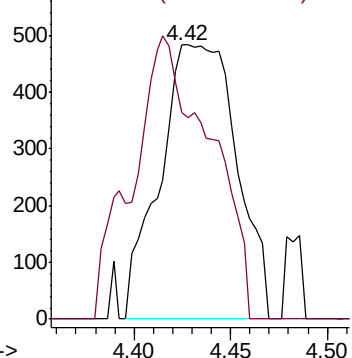
83 100

85 75.6 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#30

Cyclohexane

Concen: 0.101 ug/L

RT: 4.73 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

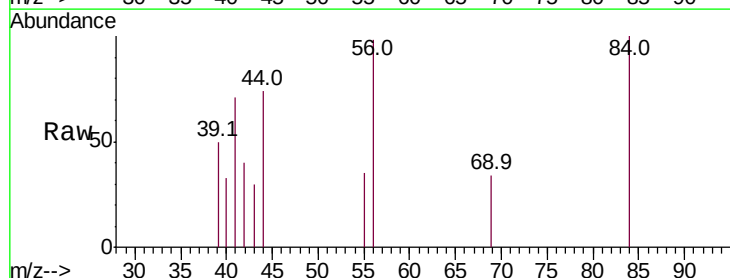
Tgt Ion: 56 Resp: 954

Ion Ratio Lower Upper

56 100

69 17.4 24.2 36.4#

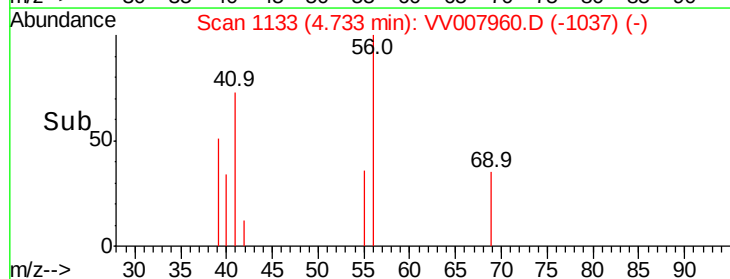
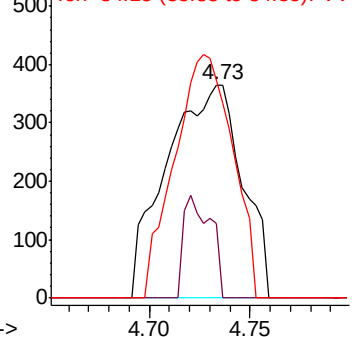
84 0.0 69.8 104.8#

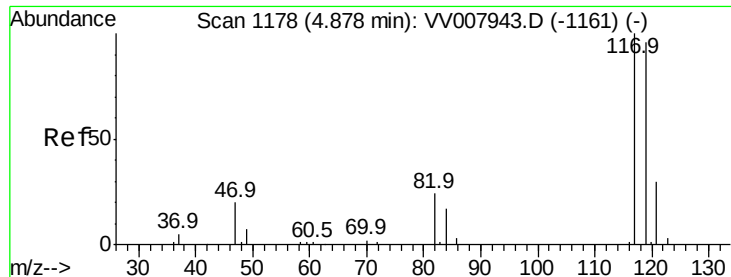


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 93.001 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

Instrument :

MSVOA_V

ClientSampled :

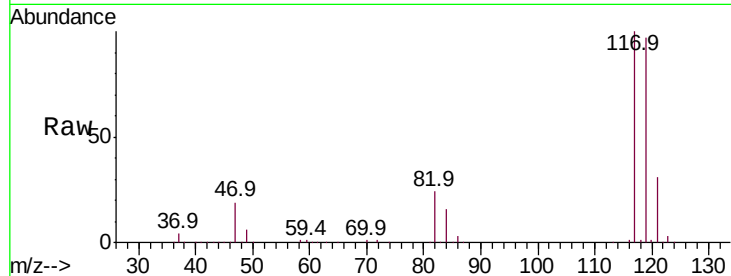
GAC18

Tot Ion:117 Resp: 822504

Ion Ratio Lower Upper

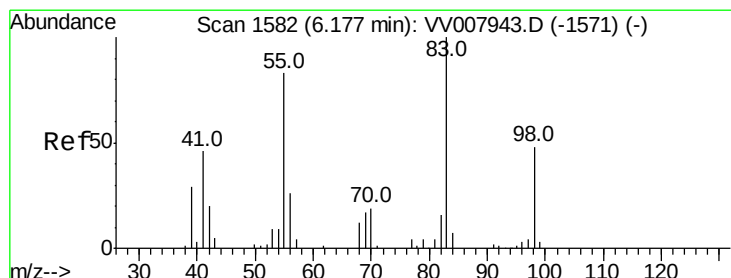
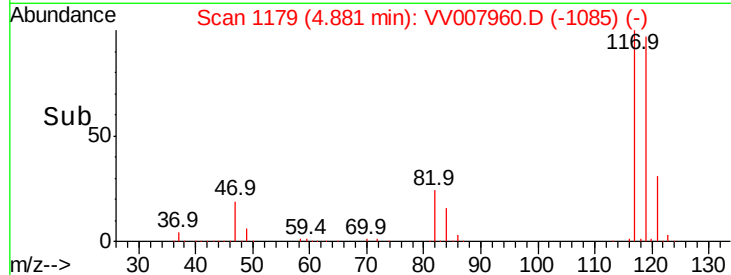
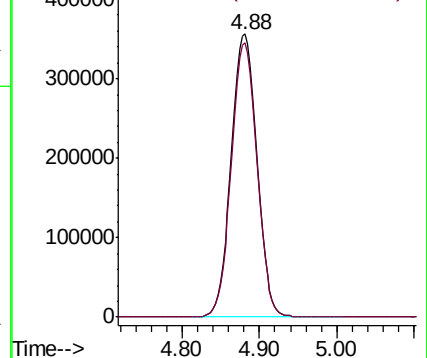
117 100

119 96.3 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

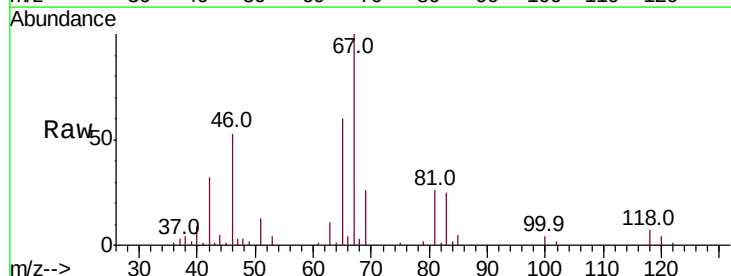
Tgt Ion: 83 Resp: 7503

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

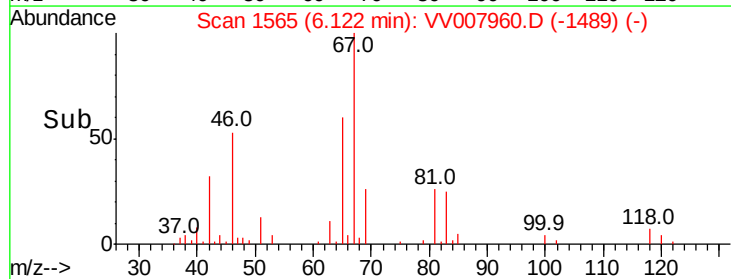
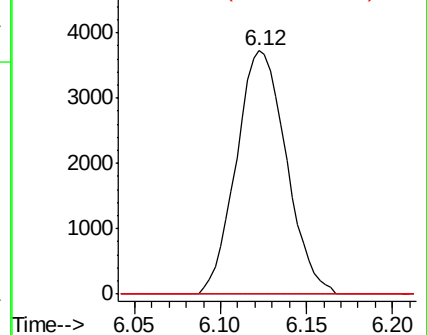
98 0.0 38.0 57.0#

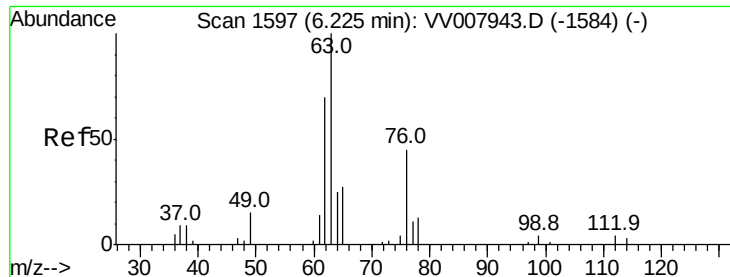


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

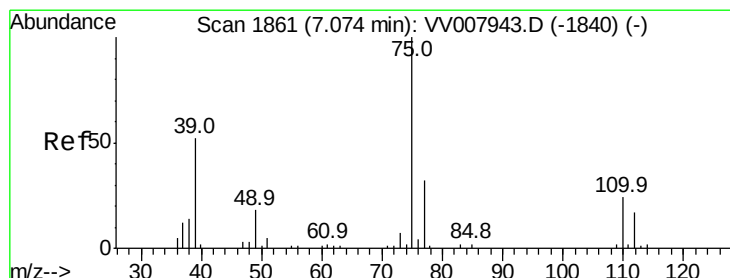
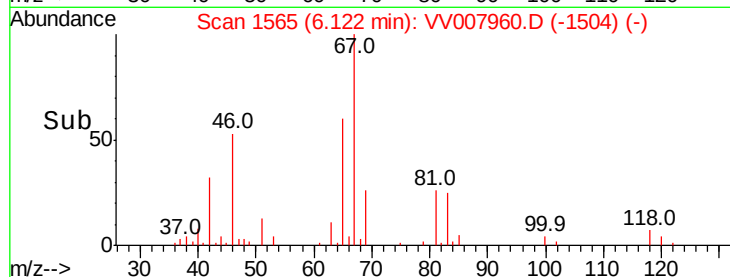
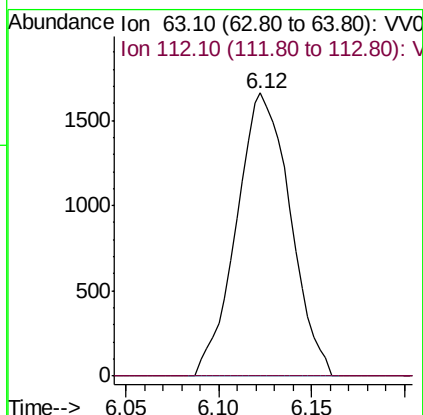
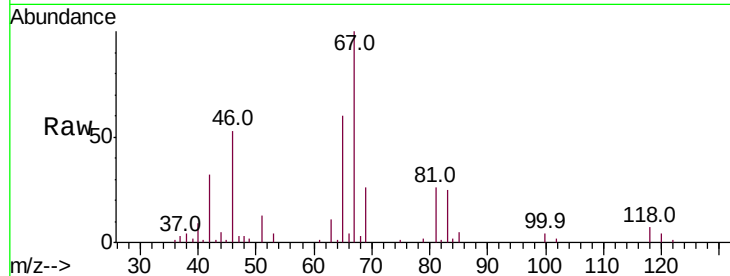




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007960.D
 Acq: 28 Sep 2018 18:34

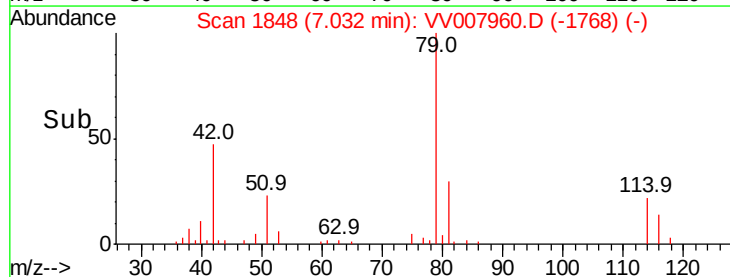
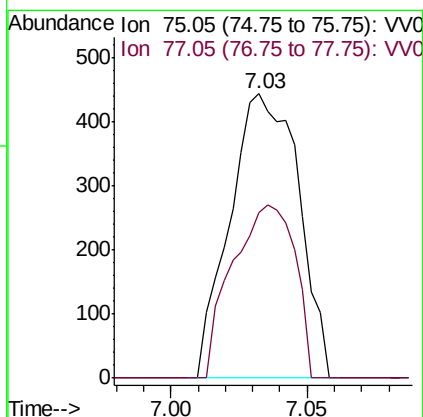
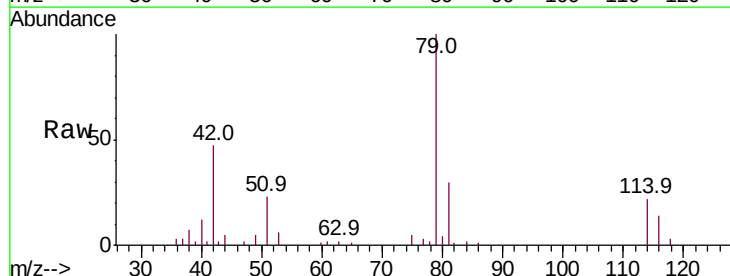
Instrument :
 MSVOA_V
 ClientSampled :
 GAC18

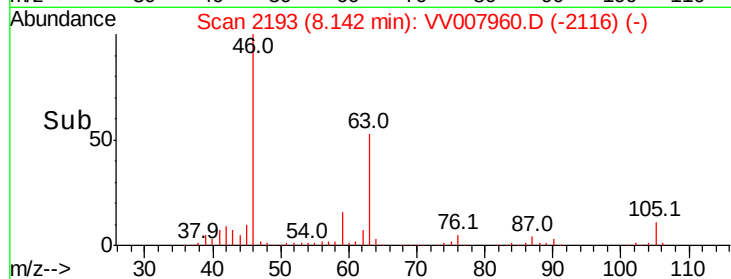
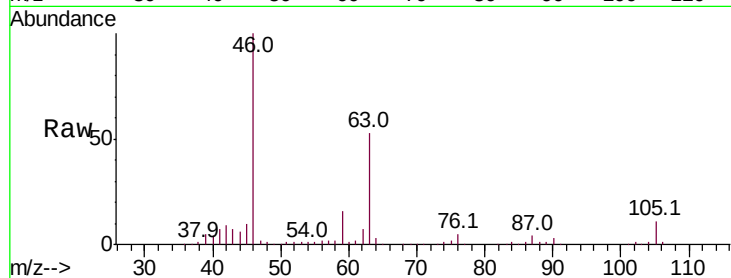
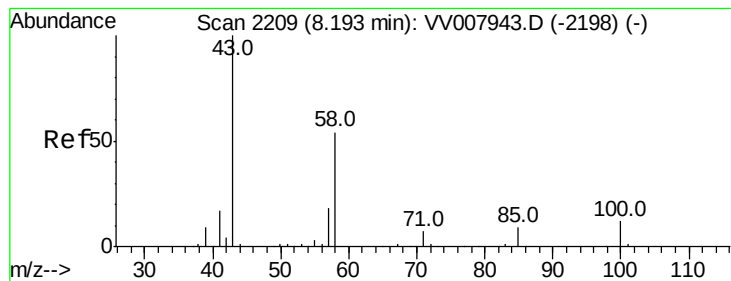
Tot Ion: 63 Resp: 3355
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007960.D
 Acq: 28 Sep 2018 18:34

Tgt Ion: 75 Resp: 774
 Ion Ratio Lower Upper
 75 100
 77 58.0 22.9 42.5#





#48

2-Hexanone

Concen: 2.679 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007960.D

Acq: 28 Sep 2018 18:34

Instrument :

MSVOA_V

ClientSampleId :

GAC18

Tot Ion: 43 Resp: 7138

Ion Ratio Lower Upper

43 100

58 38.7 41.9 62.9#

57 30.4 14.3 21.5#

100 0.0 9.2 13.8#

