

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007962.D
 Acq On : 28 Sep 2018 19:29
 Operator : SY/MD
 Sample : J5062-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC21

Quant Time: Oct 01 01:54:52 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	85165	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17688	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.59	69	17732	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.14	63	30263	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.96	46	65689	47.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.66%
24) Chloroform-d	4.41	84	46878	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	26006	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	89155	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.13	67	28407	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	81521	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	9229	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	47469	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22501	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	35582	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

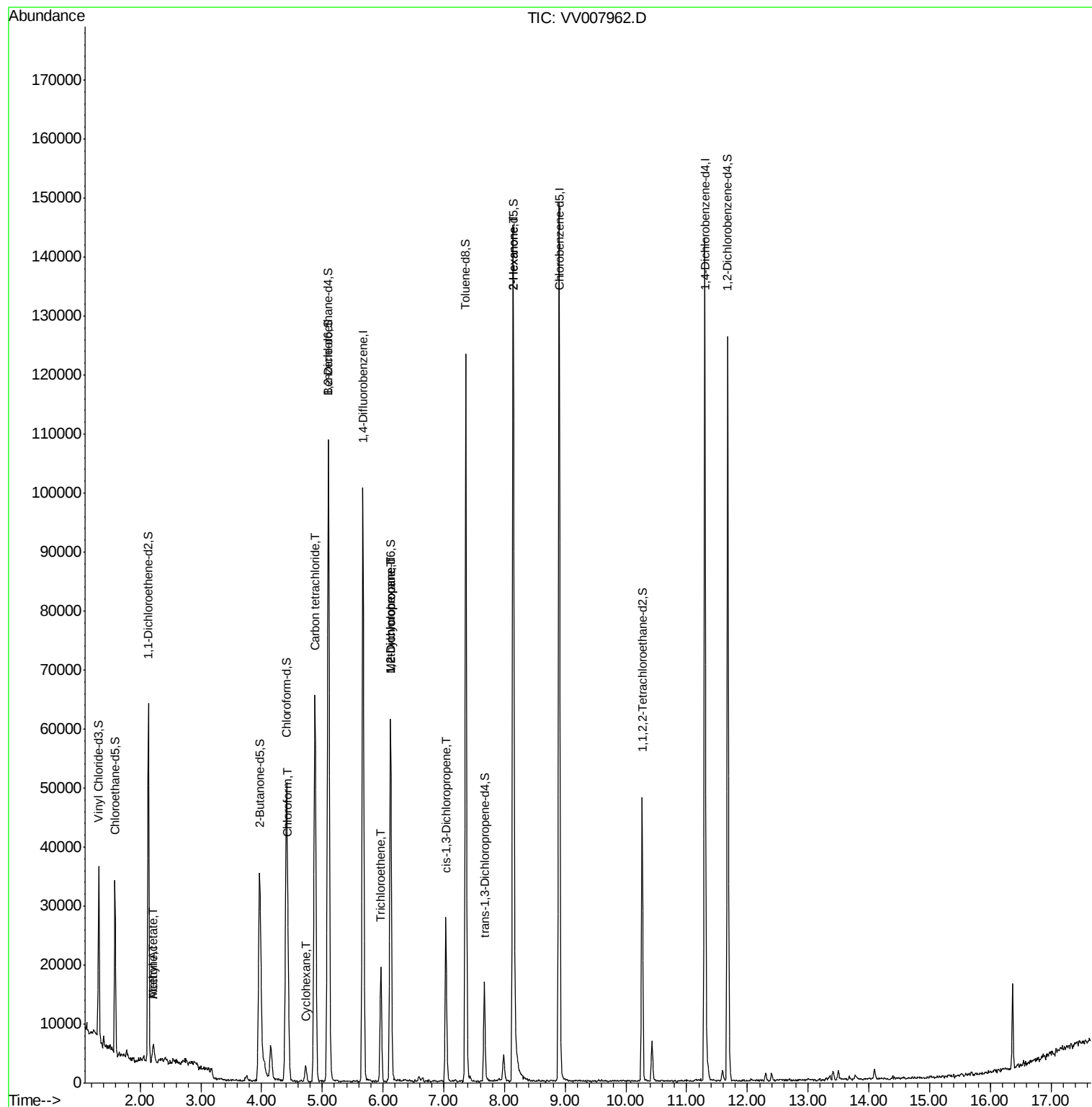
					Ovalue
13) Acetone	2.22	43	4638	4.635	ug/L 98
15) Methyl Acetate	2.22	43	4524	1.768	ug/L # 51
25) Chloroform	4.44	83	14095	1.231	ug/L 100
30) Cyclohexane	4.73	56	1431	0.157	ug/L # 86
31) Carbon tetrachloride	4.88	117	47870	5.603	ug/L 98
34) Trichloroethene	5.96	95	6191	0.937	ug/L 89
35) Methylcyclohexane	6.12	83	6821	0.688	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3334	0.566	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	770	0.098	ug/L # 73
48) 2-Hexanone	8.14	43	6902	2.682	ug/L # 75

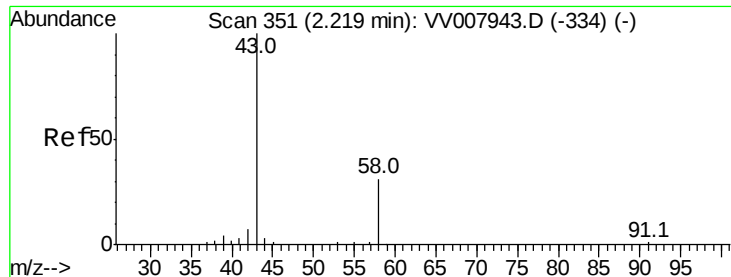
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.635 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV007962.D

Acq: 28 Sep 2018 19:29

Instrument :

MSVOA_V

ClientSampleId :

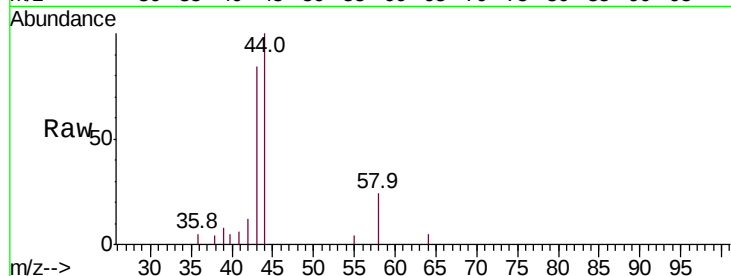
GAC21

Tot Ion: 43 Resp: 4638

Ion Ratio Lower Upper

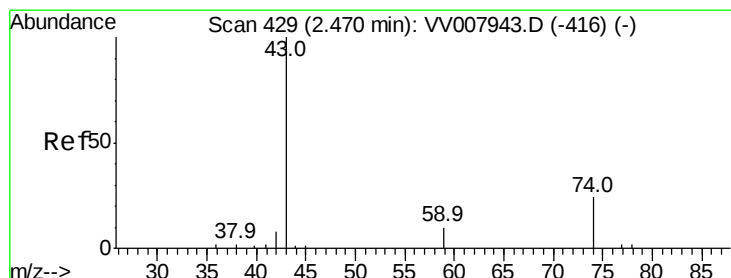
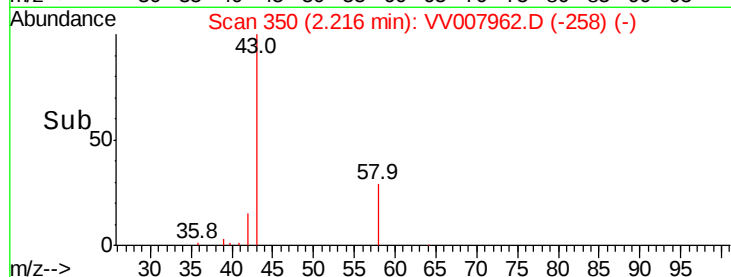
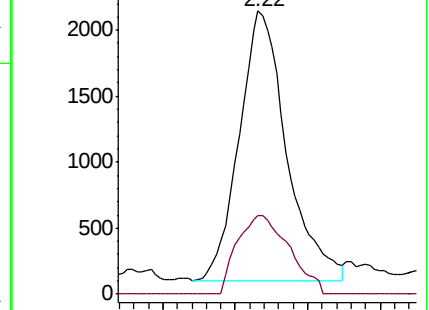
43 100

58 31.9 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) (-)



#15

Methyl Acetate

Concen: 1.768 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.25 min

Lab File: VV007962.D

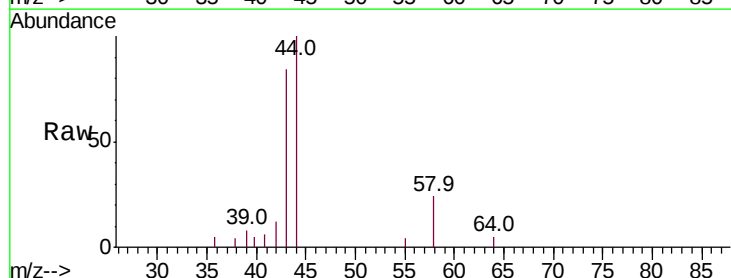
Acq: 28 Sep 2018 19:29

Tgt Ion: 43 Resp: 4524

Ion Ratio Lower Upper

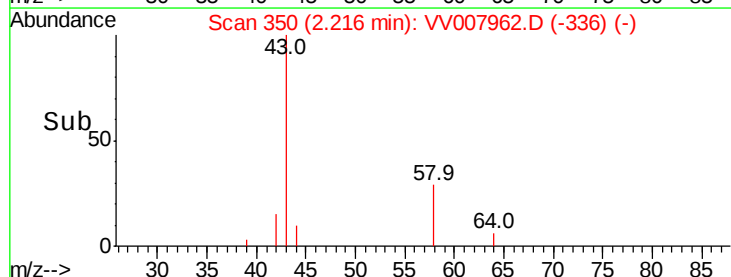
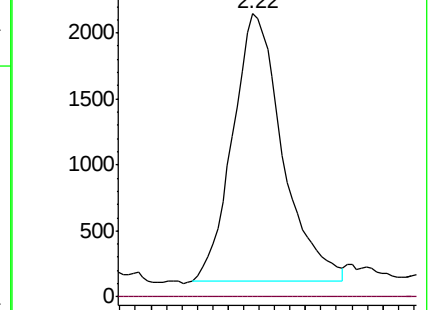
43 100

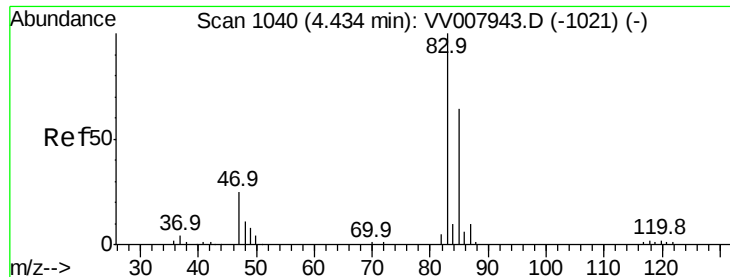
74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV007943.D (-416) (-)

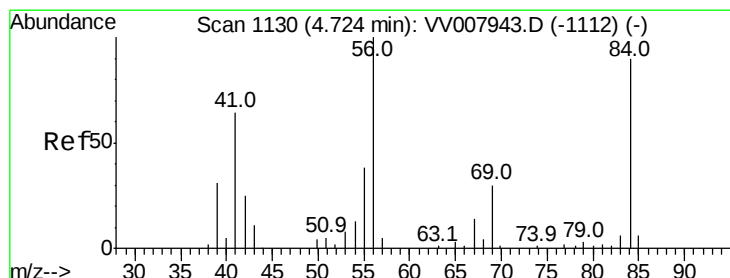
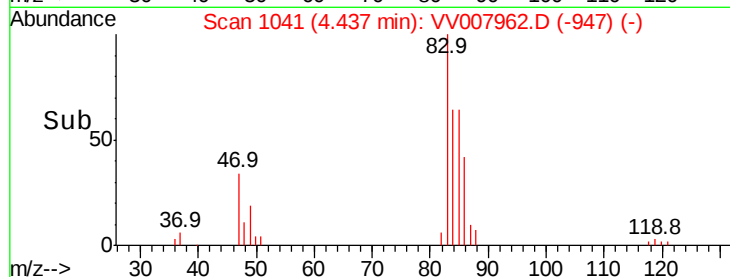
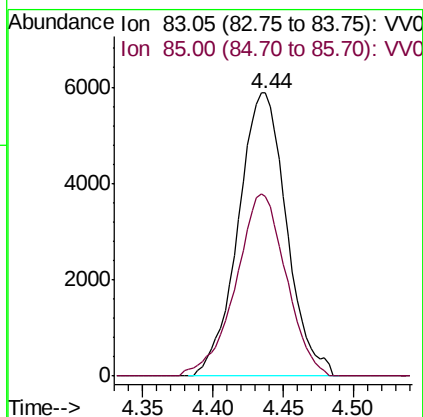
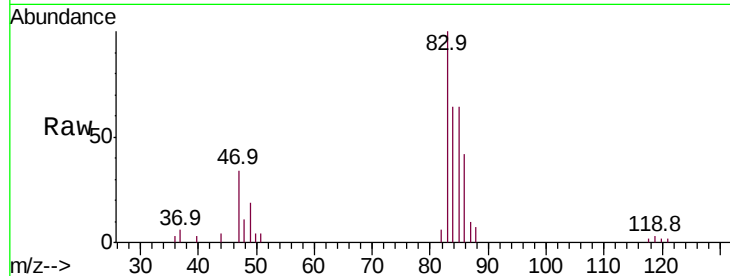




#25
Chloroform
Concen: 1.231 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007962.D
Acq: 28 Sep 2018 19:29

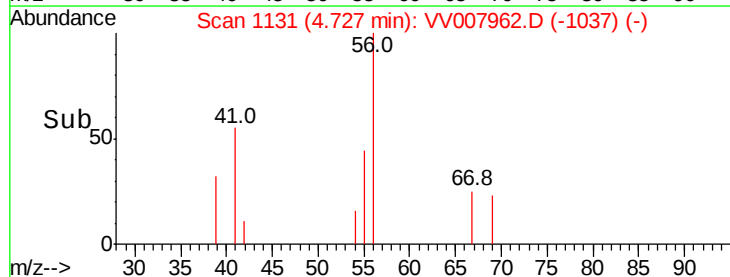
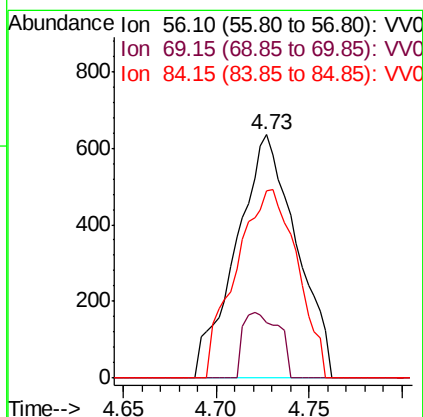
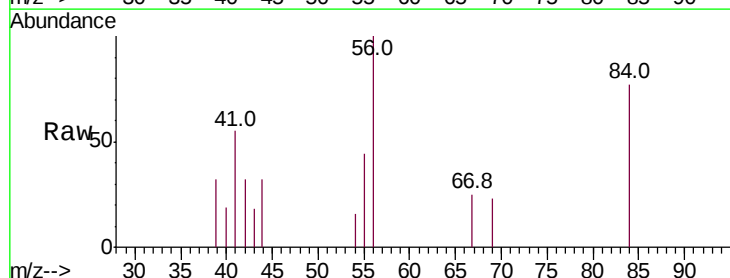
Instrument :
MSVOA_V
ClientSampleId :
GAC21

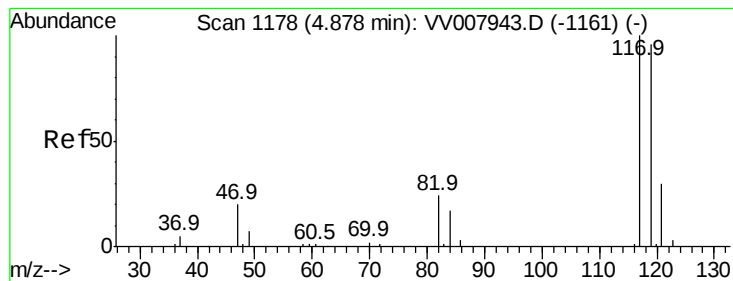
Tot Ion: 83 Resp: 14095
Ion Ratio Lower Upper
83 100
85 63.7 44.8 83.2



#30
Cyclohexane
Concen: 0.157 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV007962.D
Acq: 28 Sep 2018 19:29

Tgt Ion: 56 Resp: 1431
Ion Ratio Lower Upper
56 100
69 15.9 24.2 36.4#
84 78.6 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.603 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007962.D

Acq: 28 Sep 2018 19:29

Instrument :

MSVOA_V

ClientSampleId :

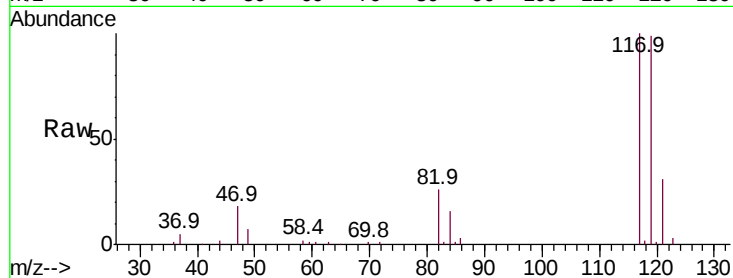
GAC21

Tot Ion:117 Resp: 47870

Ion Ratio Lower Upper

117 100

119 99.0 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

20000

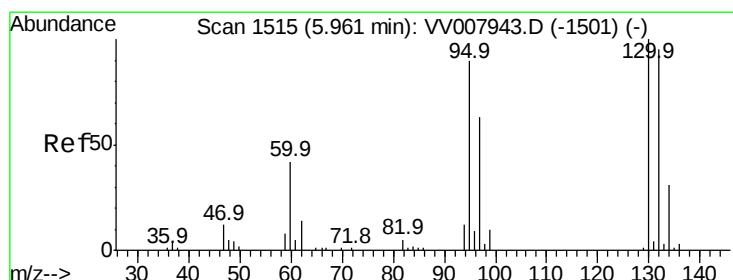
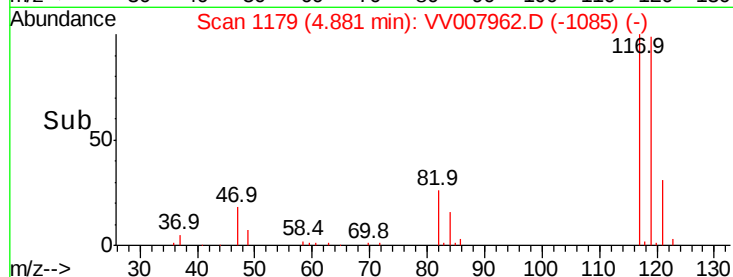
15000

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 0.937 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007962.D

Acq: 28 Sep 2018 19:29

Tgt Ion: 95 Resp: 6191

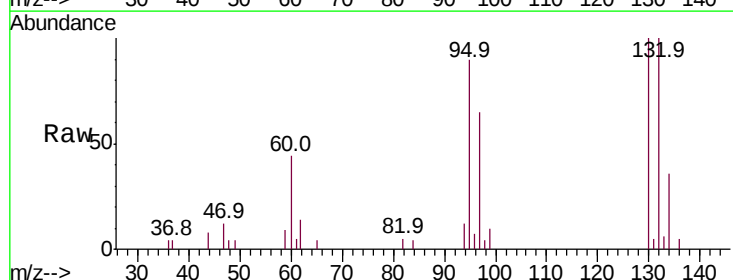
Ion Ratio Lower Upper

95 100

97 72.2 43.6 81.0

132 111.0 69.9 129.9

130 111.5 71.7 133.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

5000

4000

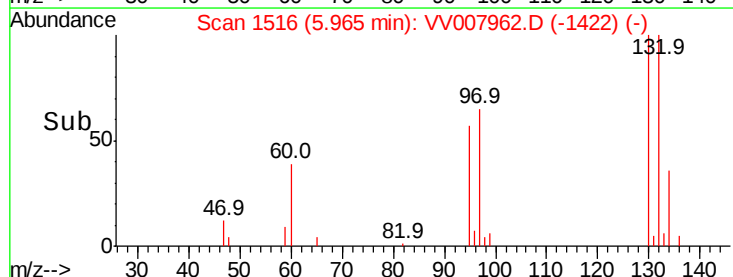
3000

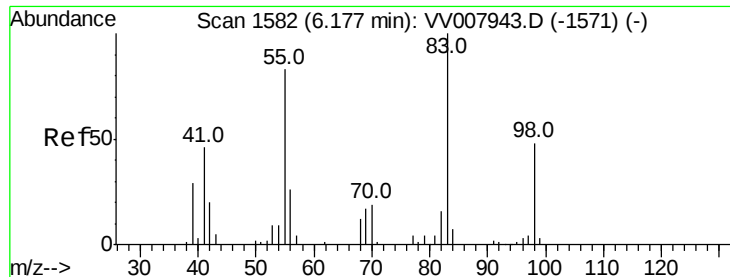
2000

1000

0

Time-->

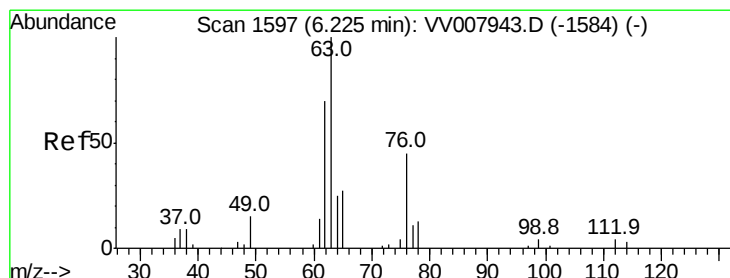
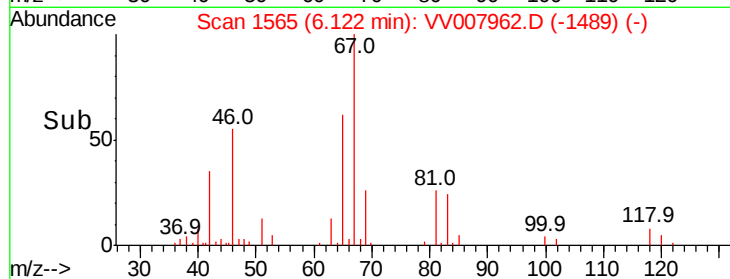
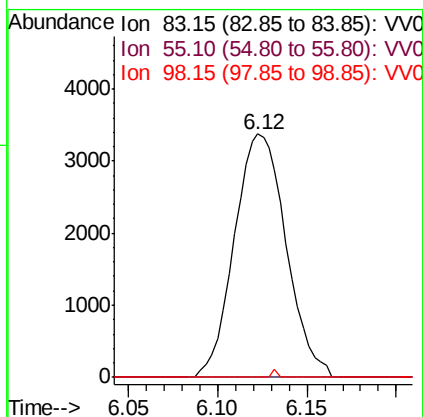
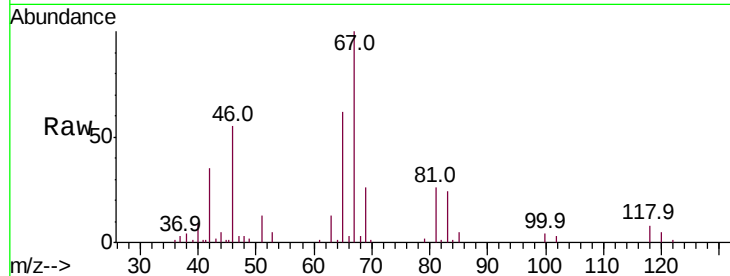




#35
Methvlcvclohexane
Concen: 0.688 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007962.D
Acq: 28 Sep 2018 19:29

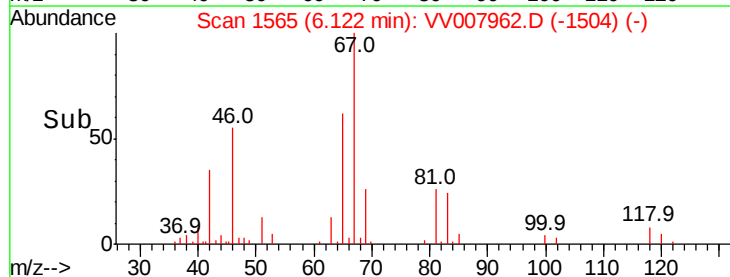
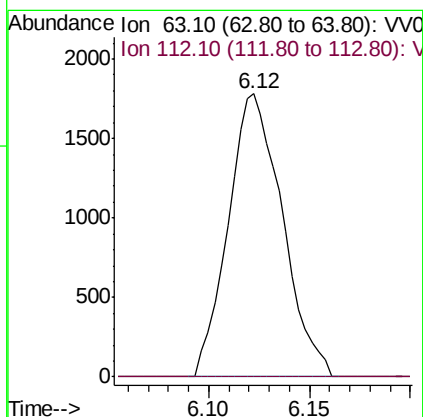
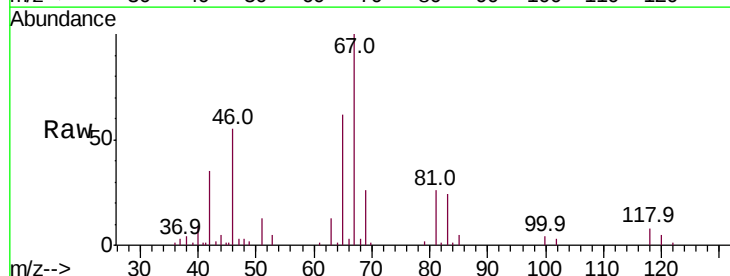
Instrument :
MSVOA_V
ClientSampled :
GAC21

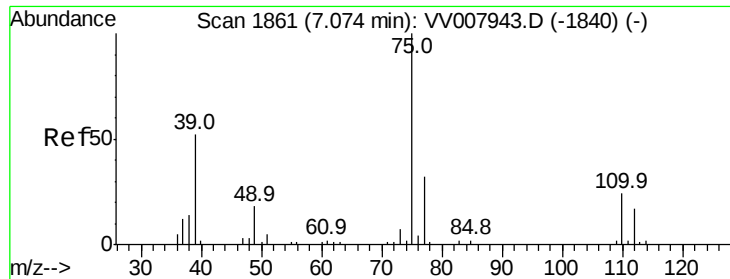
Tot Ion: 83 Resp: 6821
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007962.D
Acq: 28 Sep 2018 19:29

Tgt Ion: 63 Resp: 3334
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

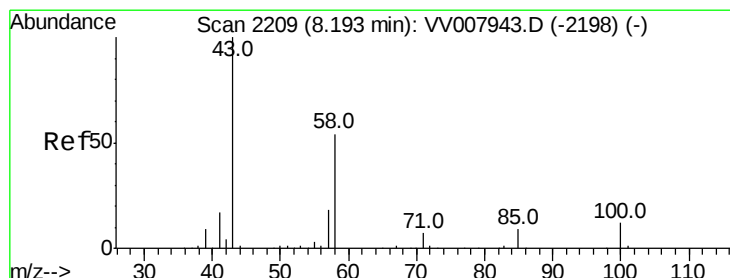
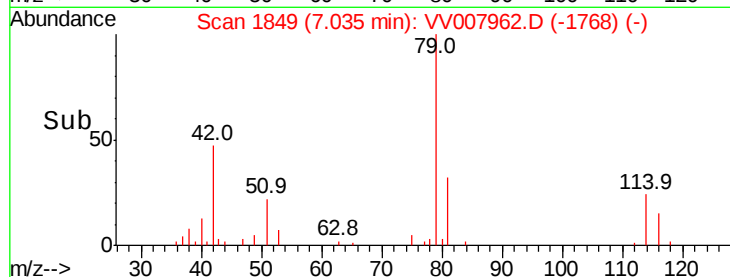
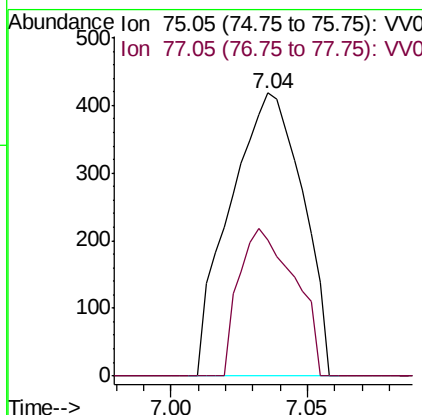
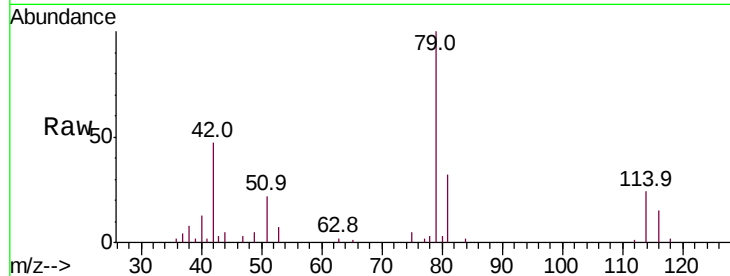




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007962.D
 Acq: 28 Sep 2018 19:29

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC21

Tot Ion: 75 Resp: 770
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.9 42.5#



#48
 2-Hexanone
 Concen: 2.682 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV007962.D
 Acq: 28 Sep 2018 19:29

Tgt Ion: 43 Resp: 6902
 Ion Ratio Lower Upper
 43 100
 58 35.8 41.9 62.9#
 57 29.0 14.3 21.5#
 100 0.0 9.2 13.8#

