

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007963.D
 Acq On : 28 Sep 2018 19:56
 Operator : SY/MD
 Sample : J5062-20
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC20

Quant Time: Oct 01 01:55:01 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	86756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17093	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.59	69	16601	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.14	63	29746	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.96	46	63741	45.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	4.41	84	46252	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	25586	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	86096	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	28602	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	79402	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	9089	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	46899	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21270	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	33716	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

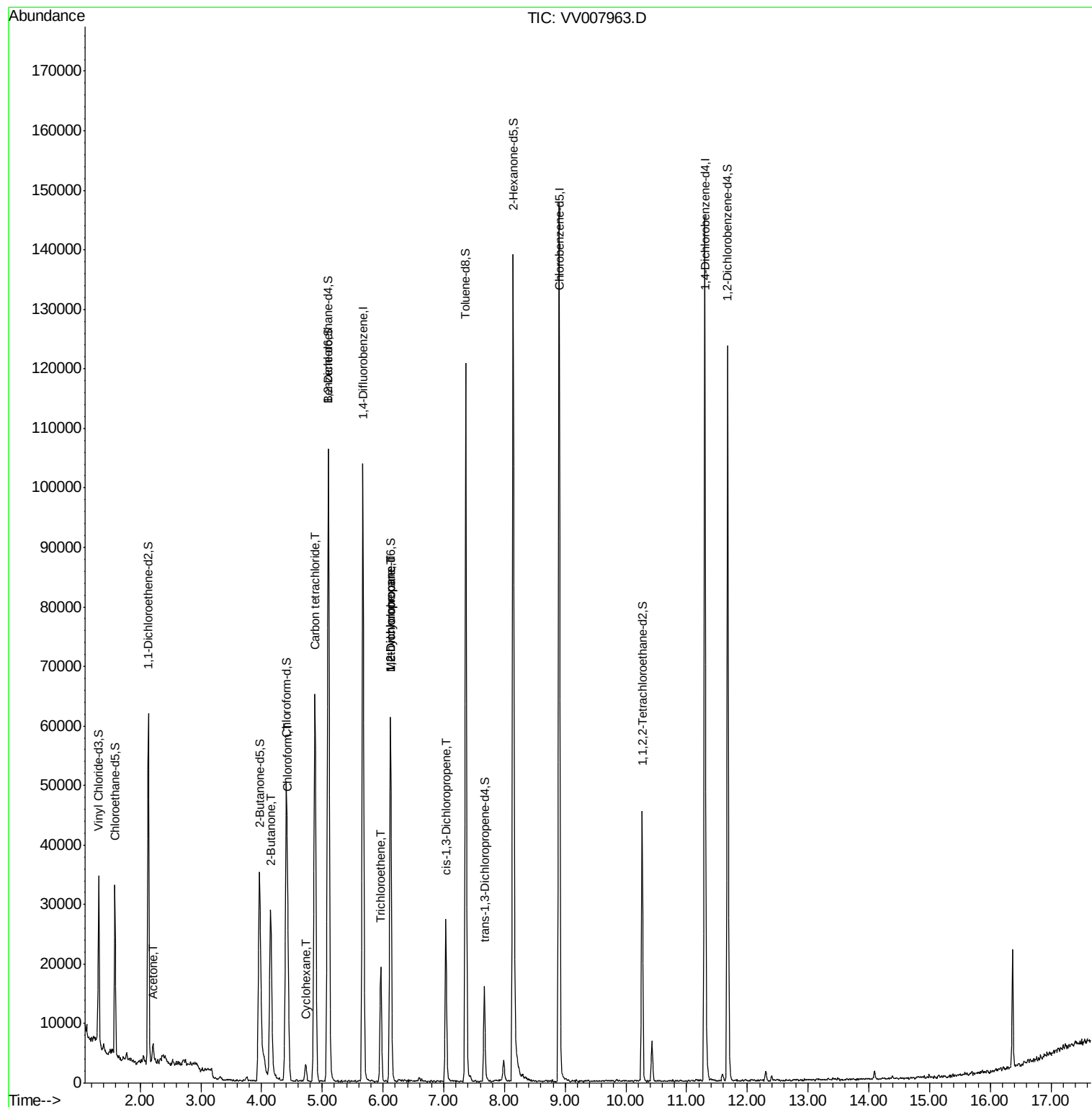
					Ovalue
13) Acetone	2.21	43	4210	4.131	ug/L 94
21) 2-Butanone	4.15	43	44592	27.461	ug/L # 50
25) Chloroform	4.43	83	14137	1.212	ug/L 97
30) Cyclohexane	4.72	56	1472	0.160	ug/L # 89
31) Carbon tetrachloride	4.88	117	47533	5.521	ug/L 99
34) Trichloroethene	5.96	95	6564	0.986	ug/L 98
35) Methylcyclohexane	6.12	83	6830	0.684	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3148	0.530	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	573	0.072	ug/L # 64

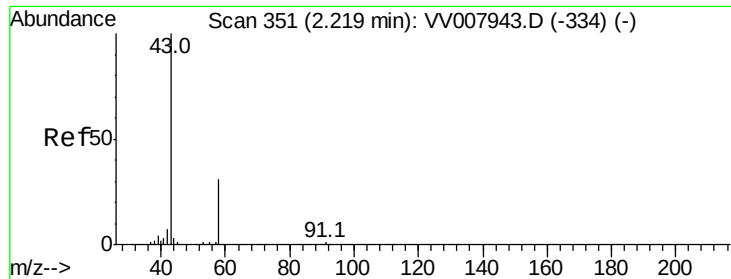
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.131 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV007963.D

Acq: 28 Sep 2018 19:56

Instrument :

MSVOA_V

ClientSampled :

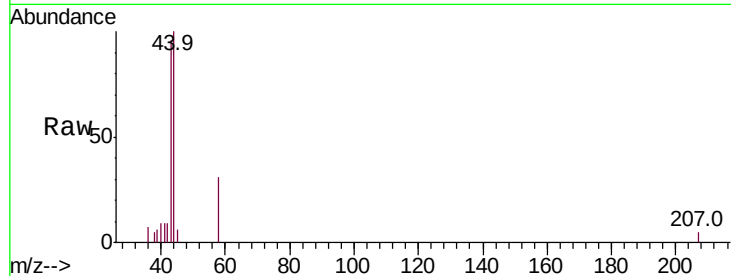
GAC20

Tot Ion: 43 Resp: 4210

Ion Ratio Lower Upper

43 100

58 34.3 0.0 62.0

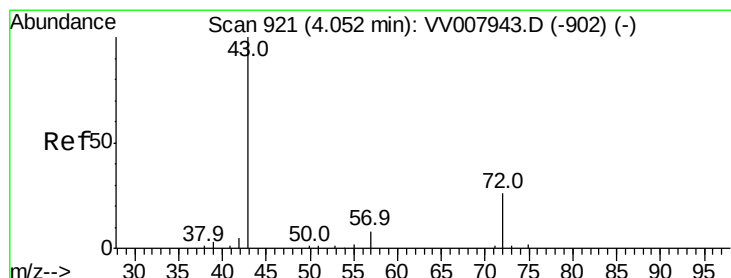
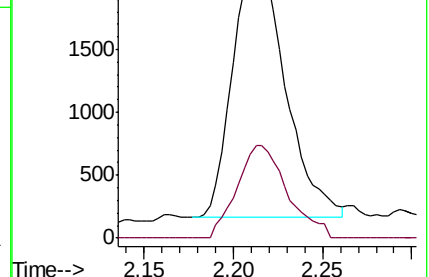
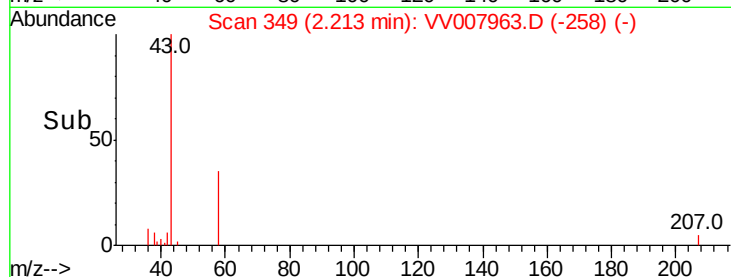


Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-334) (-)

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

2.21

2.25



#21

2-Butanone

Concen: 27.461 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007963.D

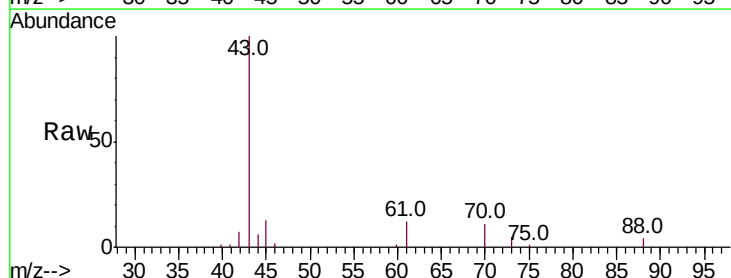
Acq: 28 Sep 2018 19:56

Tgt Ion: 43 Resp: 44592

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#

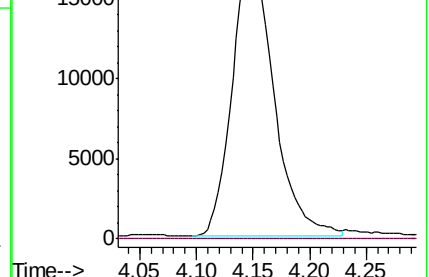
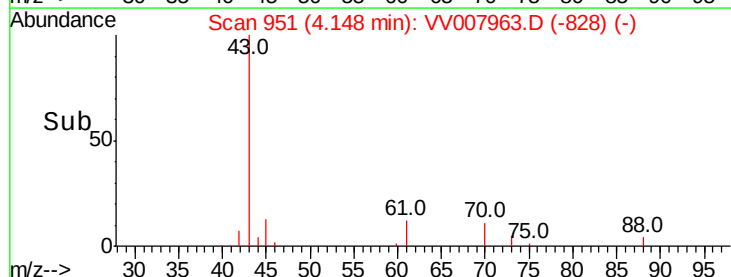


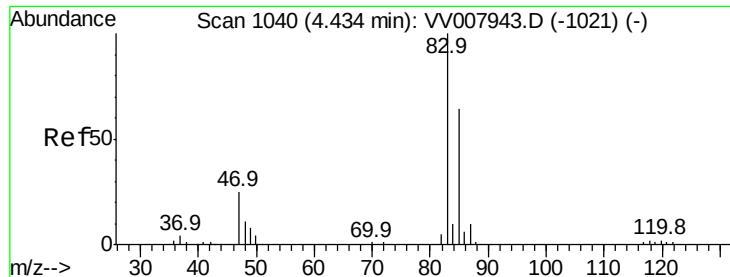
Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-902) (-)

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

4.15

4.25

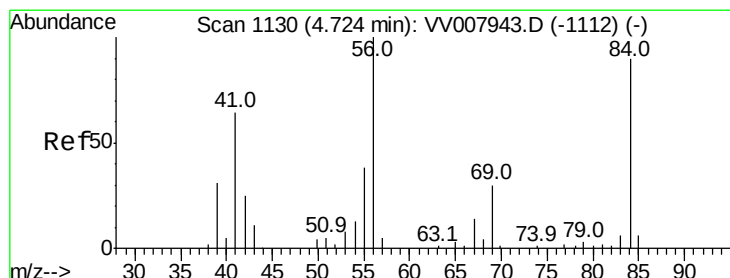
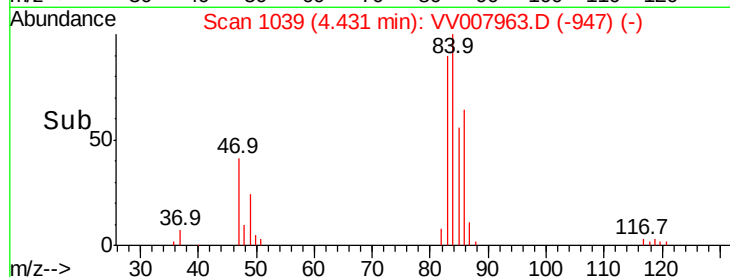
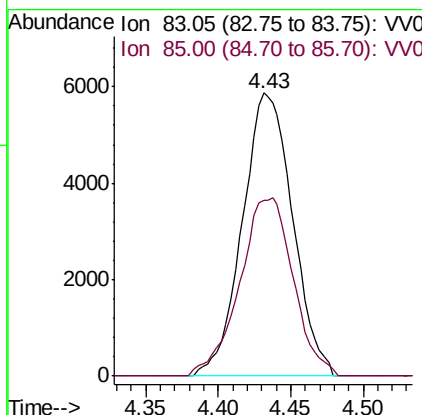
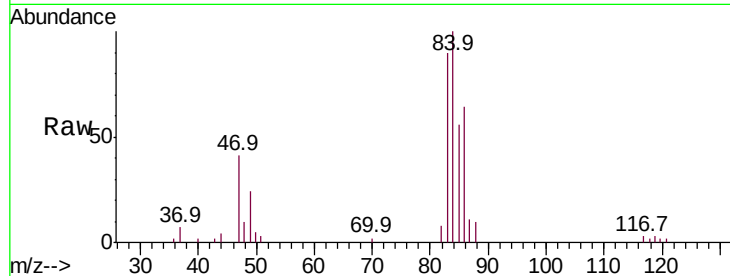




#25
Chloroform
Concen: 1.212 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007963.D
Acq: 28 Sep 2018 19:56

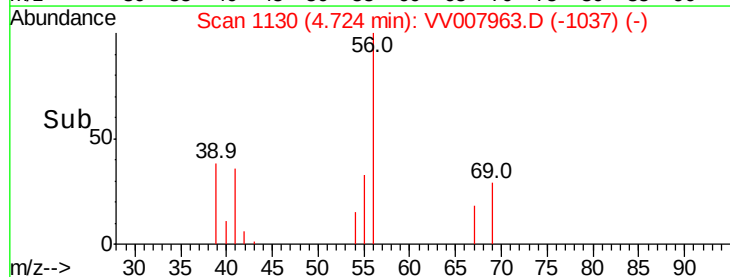
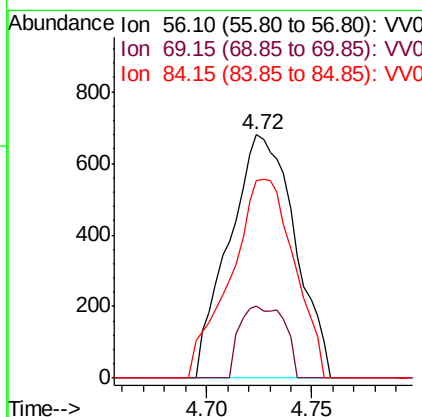
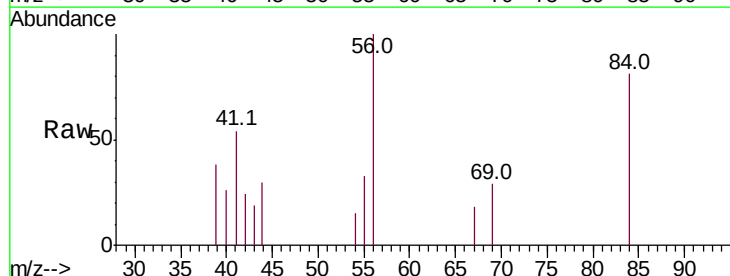
Instrument :
MSVOA_V
ClientSampleId :
GAC20

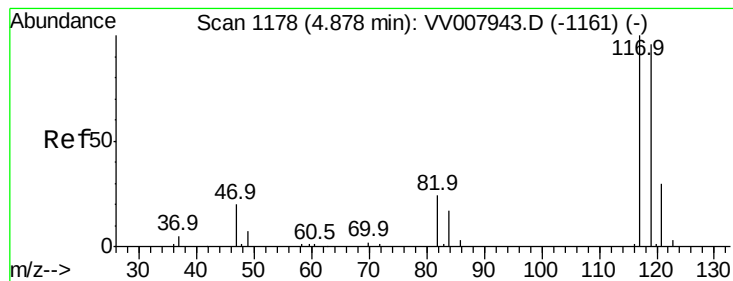
Tot Ion: 83 Resp: 14137
Ion Ratio Lower Upper
83 100
85 62.0 44.8 83.2



#30
Cyclohexane
Concen: 0.160 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV007963.D
Acq: 28 Sep 2018 19:56

Tgt Ion: 56 Resp: 1472
Ion Ratio Lower Upper
56 100
69 20.2 24.2 36.4#
84 79.5 69.8 104.8





#31

Carbon tetrachloride

Concen: 5.521 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV007963.D

Acq: 28 Sep 2018 19:56

Instrument :

MSVOA_V

ClientSampleId :

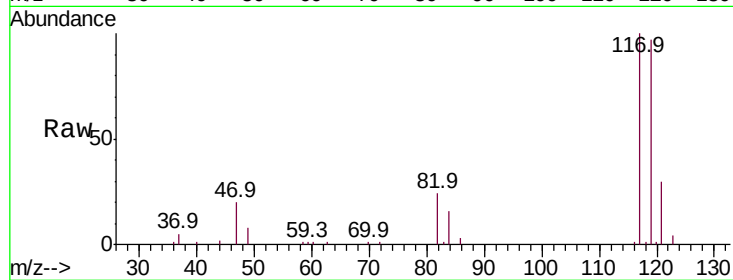
GAC20

Tot Ion:117 Resp: 47533

Ion Ratio Lower Upper

117 100

119 96.7 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

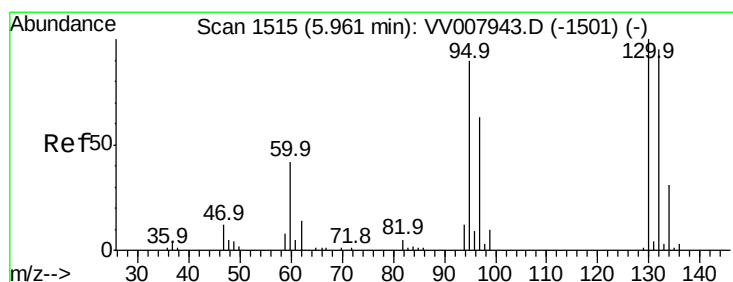
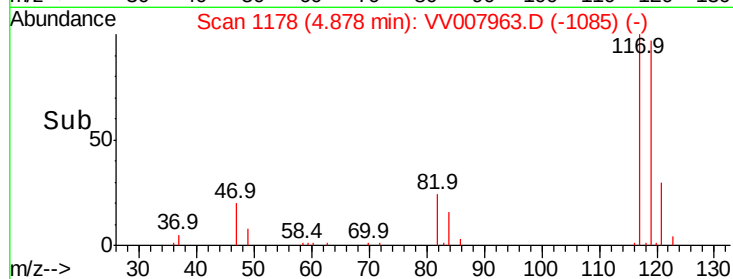
15000

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 0.986 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007963.D

Acq: 28 Sep 2018 19:56

Tgt Ion: 95 Resp: 6564

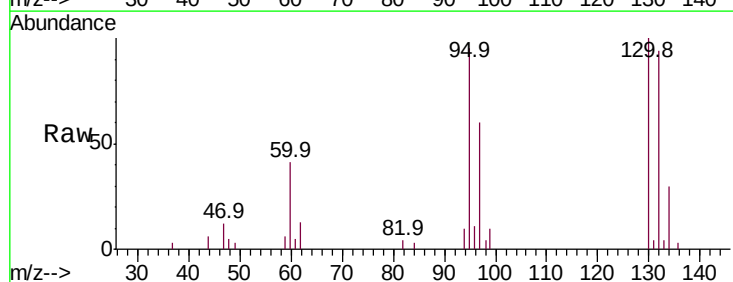
Ion Ratio Lower Upper

95 100

97 63.5 43.6 81.0

132 99.4 69.9 129.9

130 105.3 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): VV0

Ion 129.95 (129.65 to 130.65): VV0

5000

4000

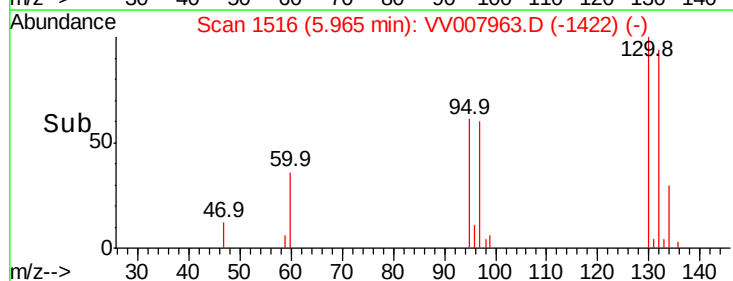
3000

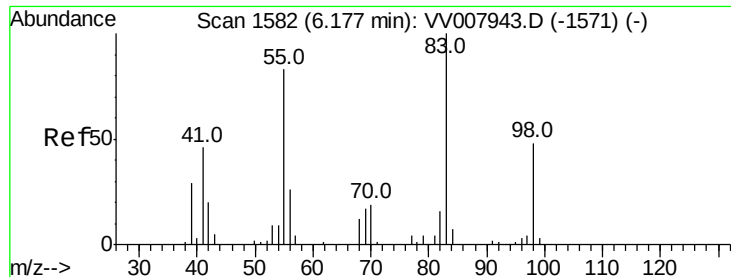
2000

1000

0

Time-->

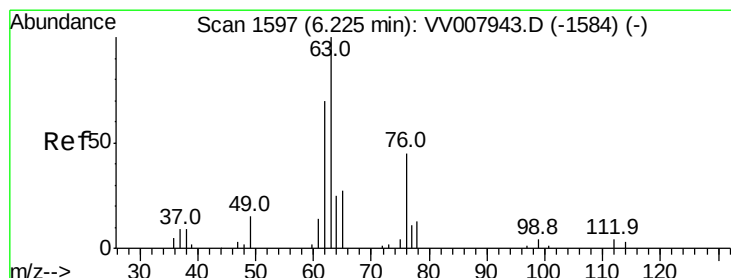
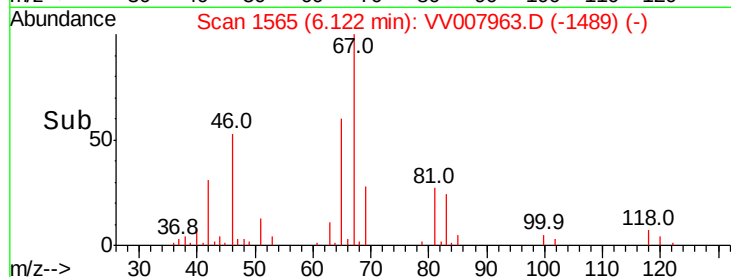
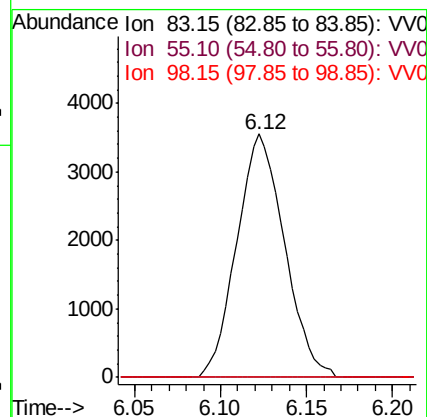
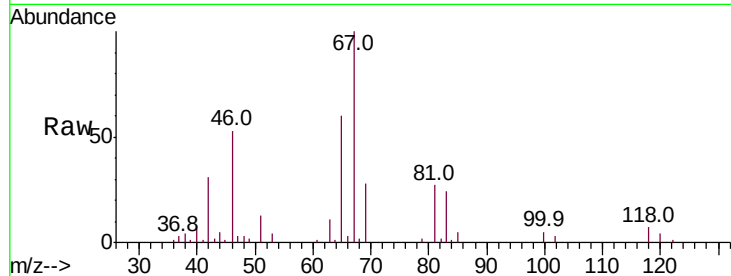




#35
Methvlcvclohexane
Concen: 0.684 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007963.D
Acq: 28 Sep 2018 19:56

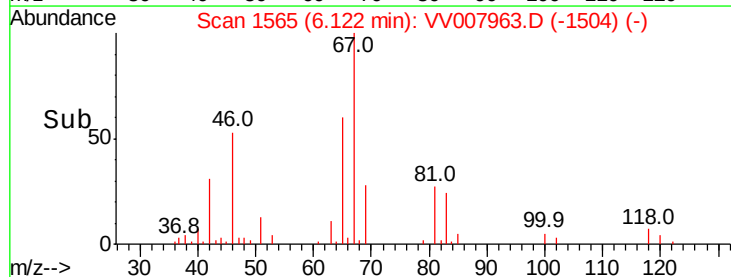
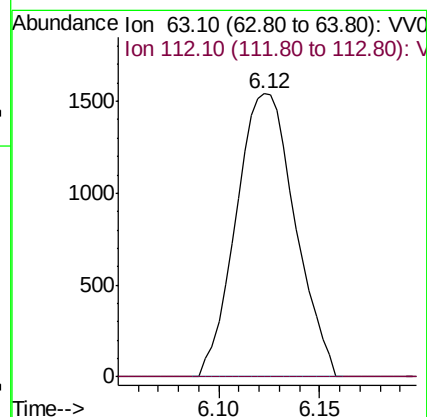
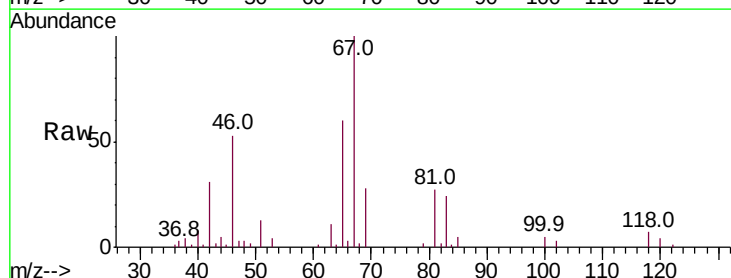
Instrument :
MSVOA_V
ClientSampleId :
GAC20

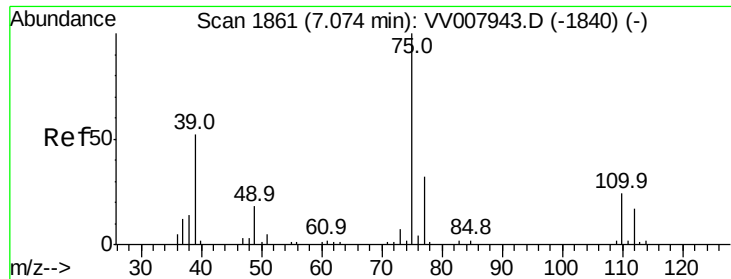
Tot Ion: 83 Resp: 6830
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.7 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007963.D
Acq: 28 Sep 2018 19:56

Tgt Ion: 63 Resp: 3148
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007963.D

Acq: 28 Sep 2018 19:56

Instrument :

MSVOA_V

ClientSampleId :

GAC20

Tot Ion: 75 Resp: 573

Ion Ratio Lower Upper

75 100

77 53.2 22.9 42.5#

