

Data File : VV008607.D
Acq On : 17 Nov 2018 02:19
Operator : SY/MD
Sample : J5947-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C21

Quant Time: Nov 17 05:46:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	156918	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33945	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.59	69	28618	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.14	63	51406	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	130125	52.17	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.41	84	87769	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	48054	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	181697	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	57550	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	167095	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	18692	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	96778	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40060	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	57551	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

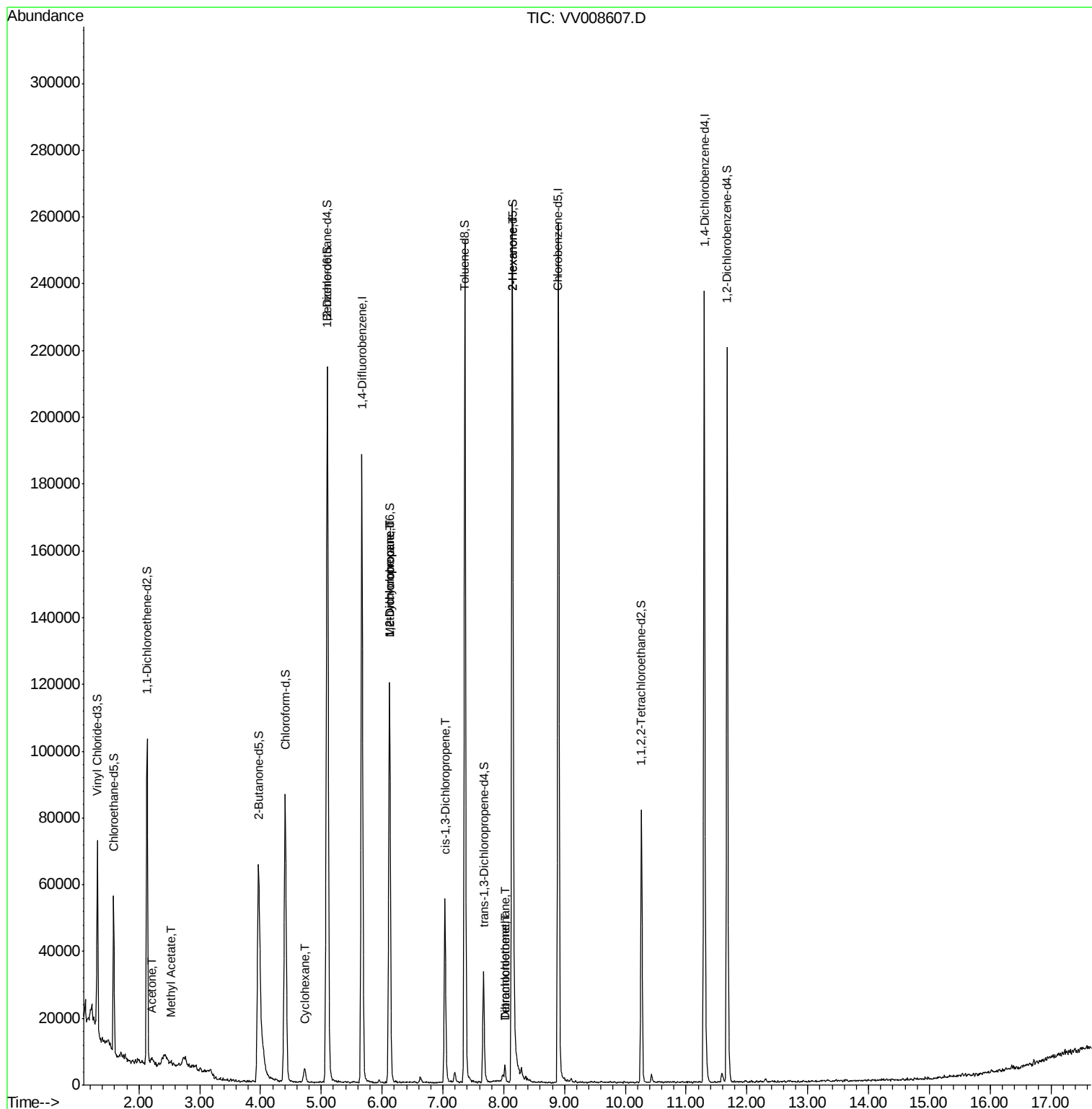
					Qvalue	
13) Acetone	2.22	43	1999	1.537	ug/L	89
15) Methyl Acetate	2.51	43	716	0.220	ug/L #	54
30) Cyclohexane	4.72	56	2644	0.132	ug/L #	91
35) Methylcyclohexane	6.12	83	14146	0.698	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6378	0.536	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1348	0.084	ug/L #	77
47) Tetrachloroethene	8.02	164	1077	0.124	ug/L	94
48) 2-Hexanone	8.14	43	12339	2.626	ug/L #	79
49) Dibromochloromethane	8.03	129	994	0.115	ug/L #	10

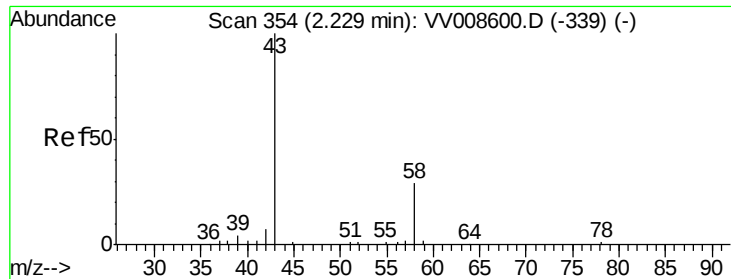
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008607.D
Acq On : 17 Nov 2018 02:19
Operator : SY/MD
Sample : J5947-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C21

Quant Time: Nov 17 05:46:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.537 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV008607.D

Acq: 17 Nov 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

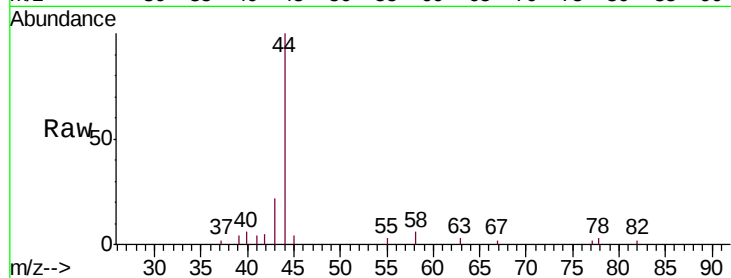
F9C21

Tgt Ion: 43 Resp: 1999

Ion Ratio Lower Upper

43 100

58 34.3 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008607.D (-339) (-)

Ion 58.05 (57.75 to 58.75): VV008607.D (-339) (-)

2.22

1200

1000

800

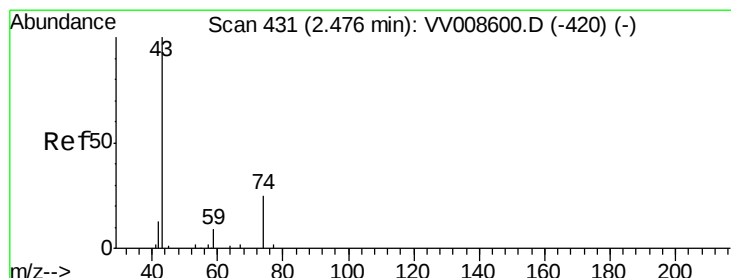
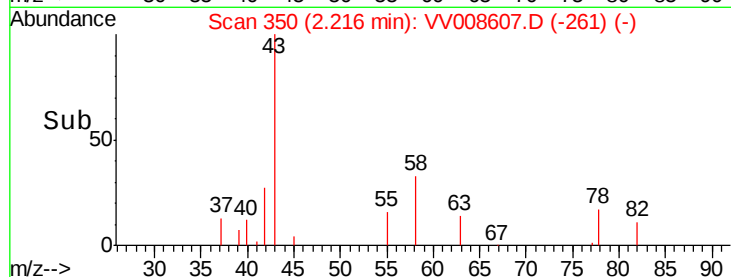
600

400

200

0

Time--> 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.220 ug/L

RT: 2.51 min Scan# 443

Delta R.T. 0.04 min

Lab File: VV008607.D

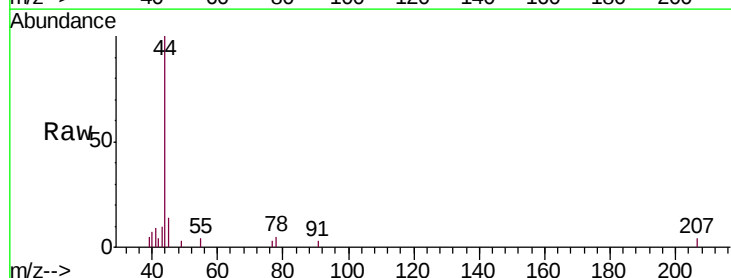
Acq: 17 Nov 2018 02:19

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008607.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VV008607.D (-420) (-)

2.51

400

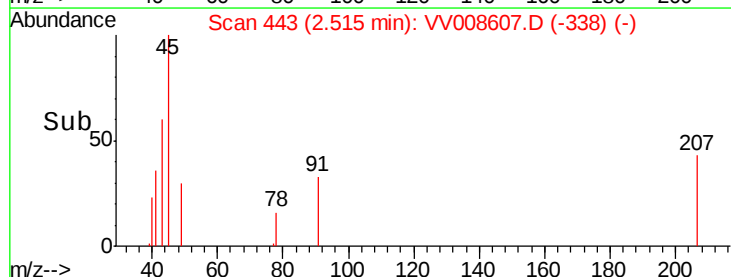
300

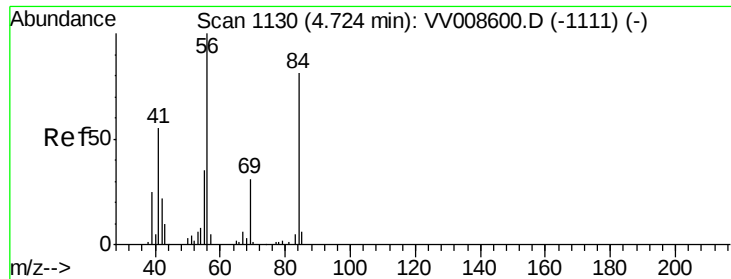
200

100

0

Time--> 2.50 2.52 2.54 2.56

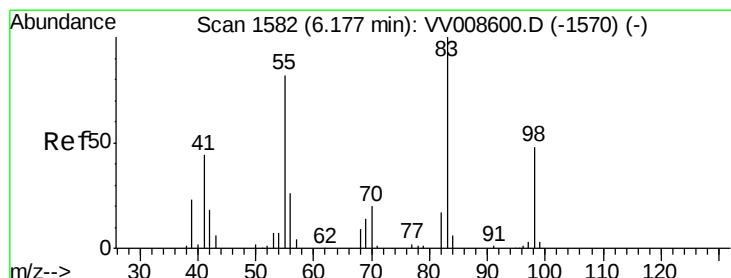
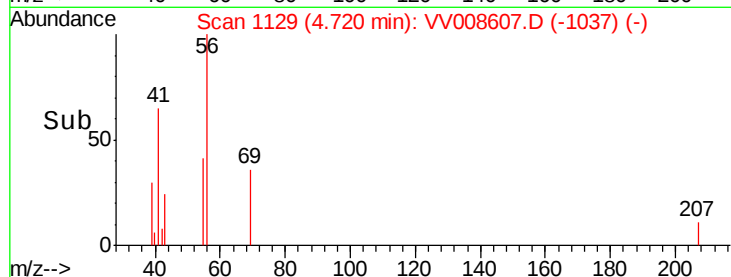
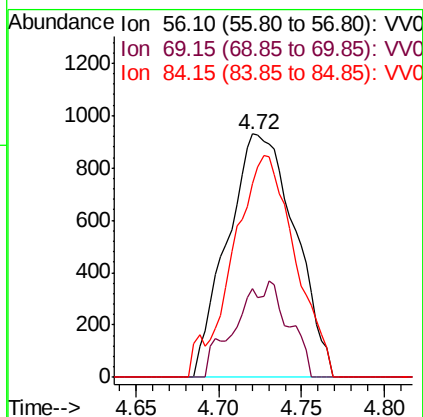
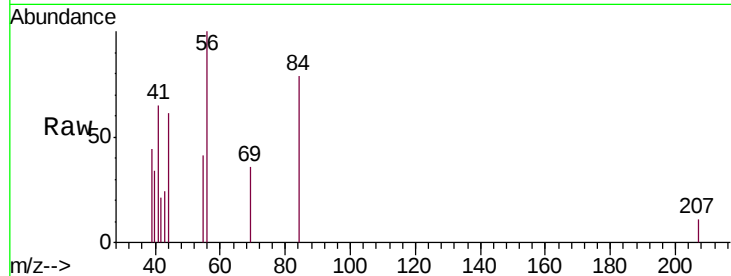




#30
Cyclohexane
Concen: 0.132 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV008607.D
Acq: 17 Nov 2018 02:19

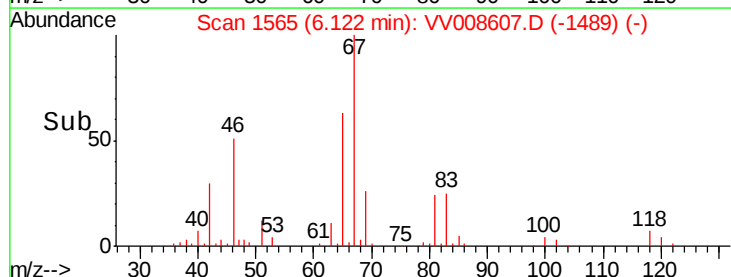
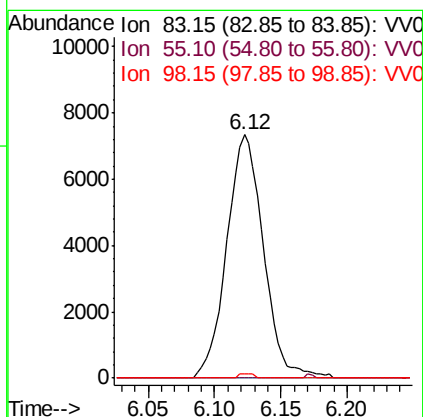
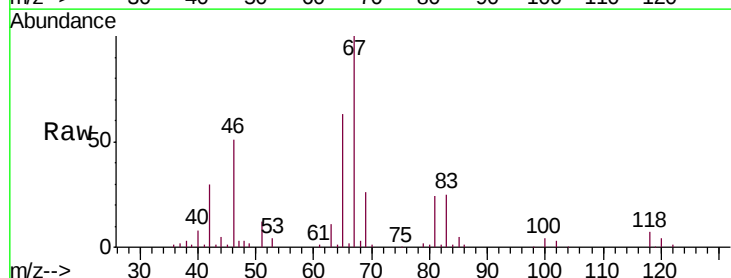
Instrument :
MSVOA_V
ClientSampleId :
F9C21

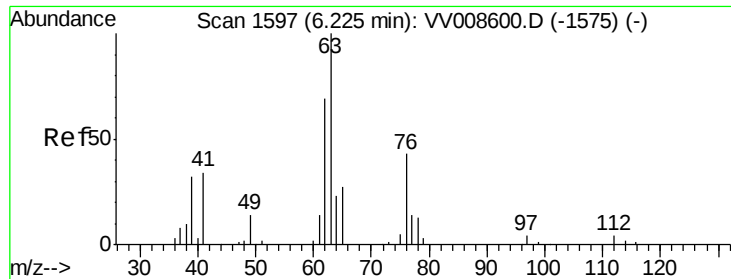
Tgt Ion: 56 Resp: 2644
Ion Ratio Lower Upper
56 100
69 15.3 24.2 36.4#
84 80.5 65.7 98.5



#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008607.D
Acq: 17 Nov 2018 02:19

Tgt Ion: 83 Resp: 14146
Ion Ratio Lower Upper
83 100
55 0.3 65.6 98.4#
98 0.6 36.4 54.6#

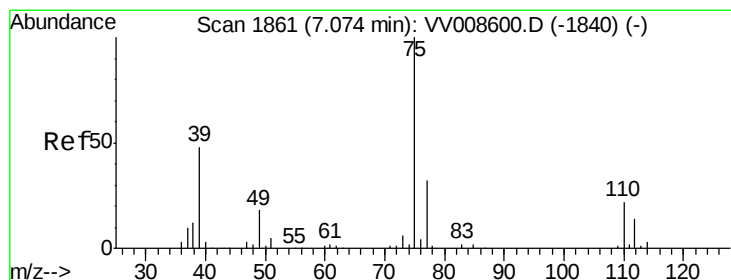
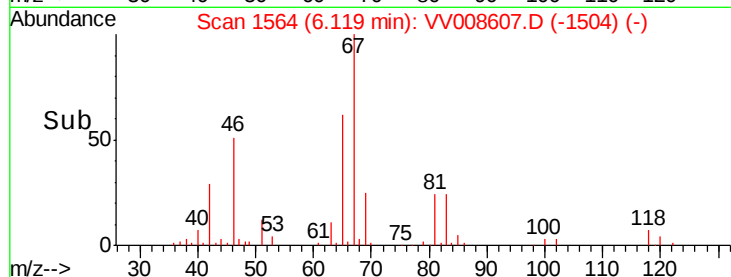
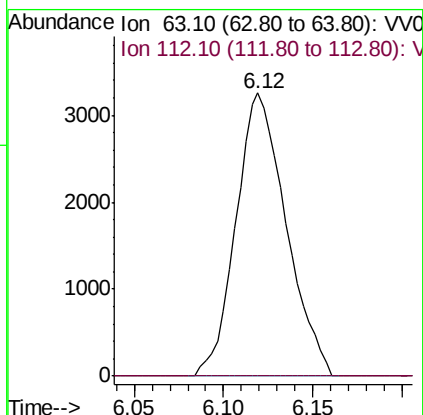
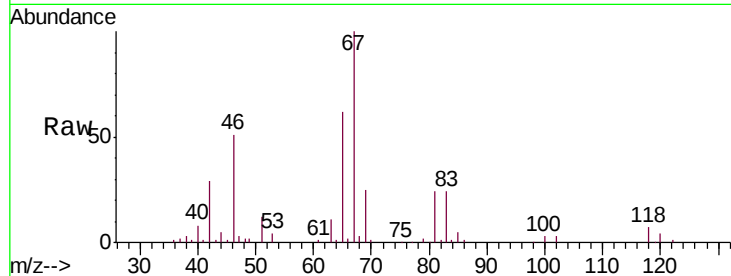




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008607.D
 Acq: 17 Nov 2018 02:19

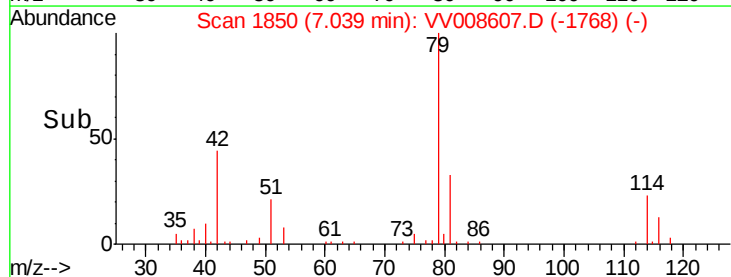
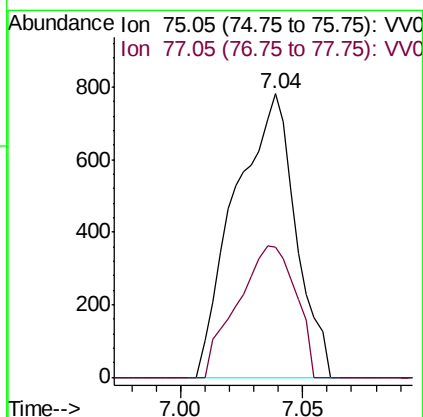
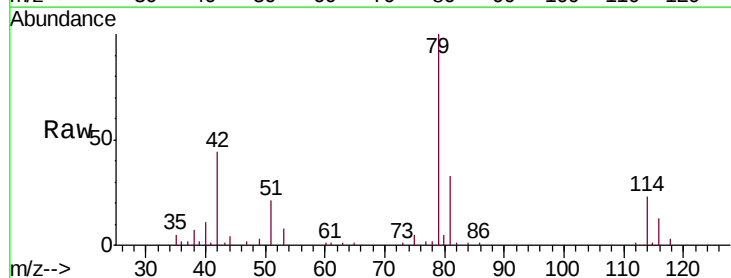
Instrument :
 MSVOA_V
 ClientSampled :
 F9C21

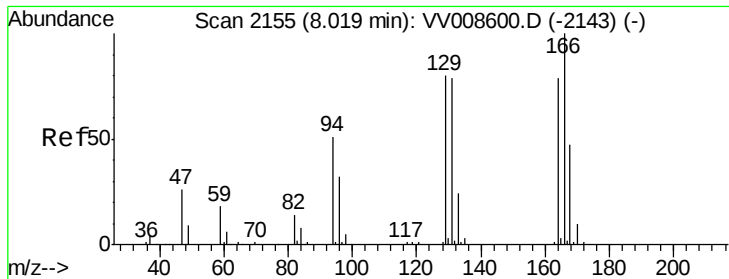
Tgt Ion: 63 Resp: 6378
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008607.D
 Acq: 17 Nov 2018 02:19

Tgt Ion: 75 Resp: 1348
 Ion Ratio Lower Upper
 75 100
 77 46.0 23.0 42.8#





#47

Tetrachloroethene

Concen: 0.124 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008607.D

Acq: 17 Nov 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

F9C21

Tgt Ion:164 Resp: 1077

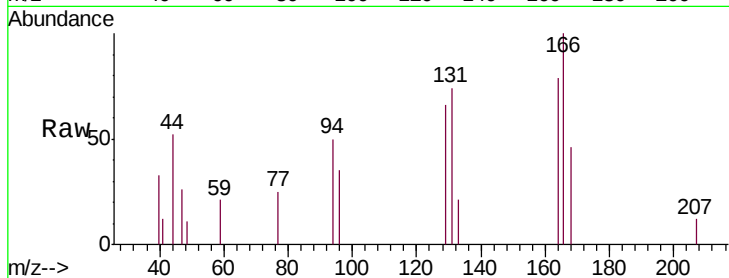
Ion Ratio Lower Upper

164 100

129 83.4 67.5 125.4

131 92.9 66.4 123.4

166 126.2 85.8 159.3



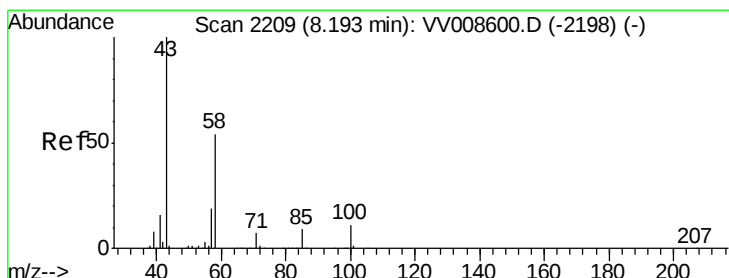
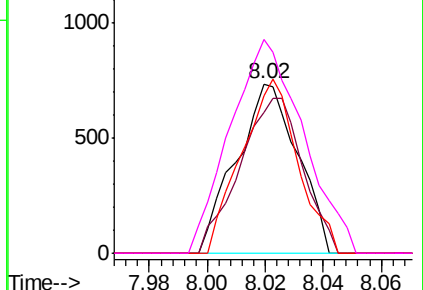
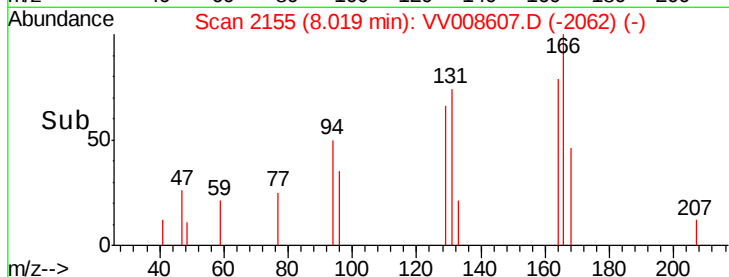
Abundance

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



#48

2-Hexanone

Concen: 2.626 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008607.D

Acq: 17 Nov 2018 02:19

Tgt Ion: 43 Resp: 12339

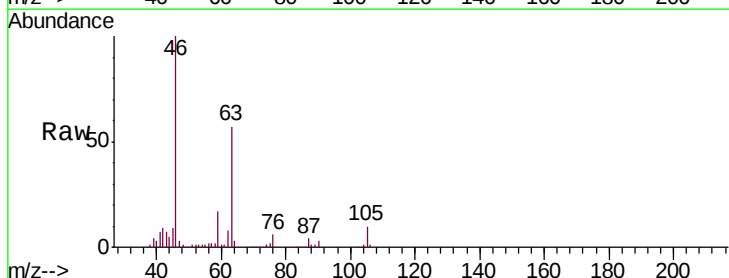
Ion Ratio Lower Upper

43 100

58 37.1 41.8 62.8#

57 26.0 15.4 23.0#

100 0.0 8.7 13.1#



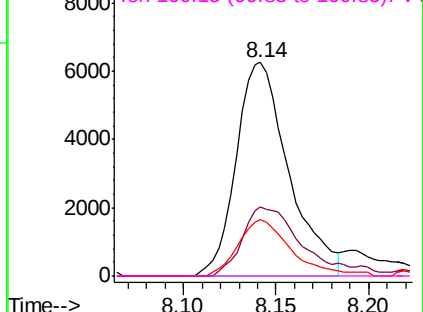
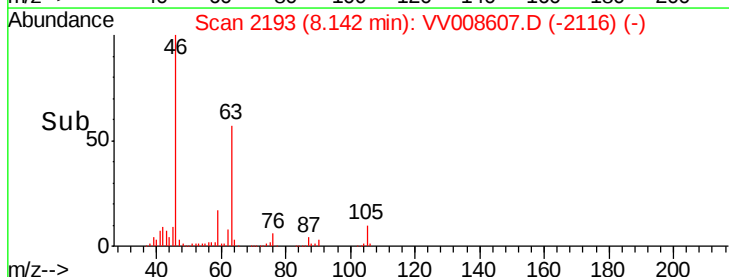
Abundance

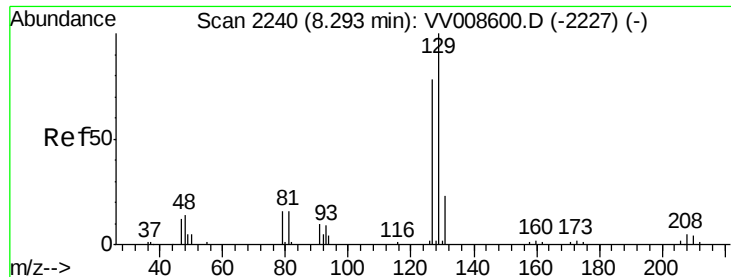
Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.115 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. -0.27 min

Lab File: VV008607.D

Acq: 17 Nov 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

F9C21

Tgt Ion:129 Resp: 994

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

