

Data File : VV008604.D
Acq On : 17 Nov 2018 01:03
Operator : SY/MD
Sample : J5947-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C04

Quant Time: Nov 17 05:46:02 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	166694	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149656	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65149	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34680	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.59	69	27289	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	50356	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	118103	44.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.16%
24) Chloroform-d	4.41	84	87979	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	47485	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	179346	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	58089	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	166617	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	19291	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	93812	43.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38781	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	55156	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

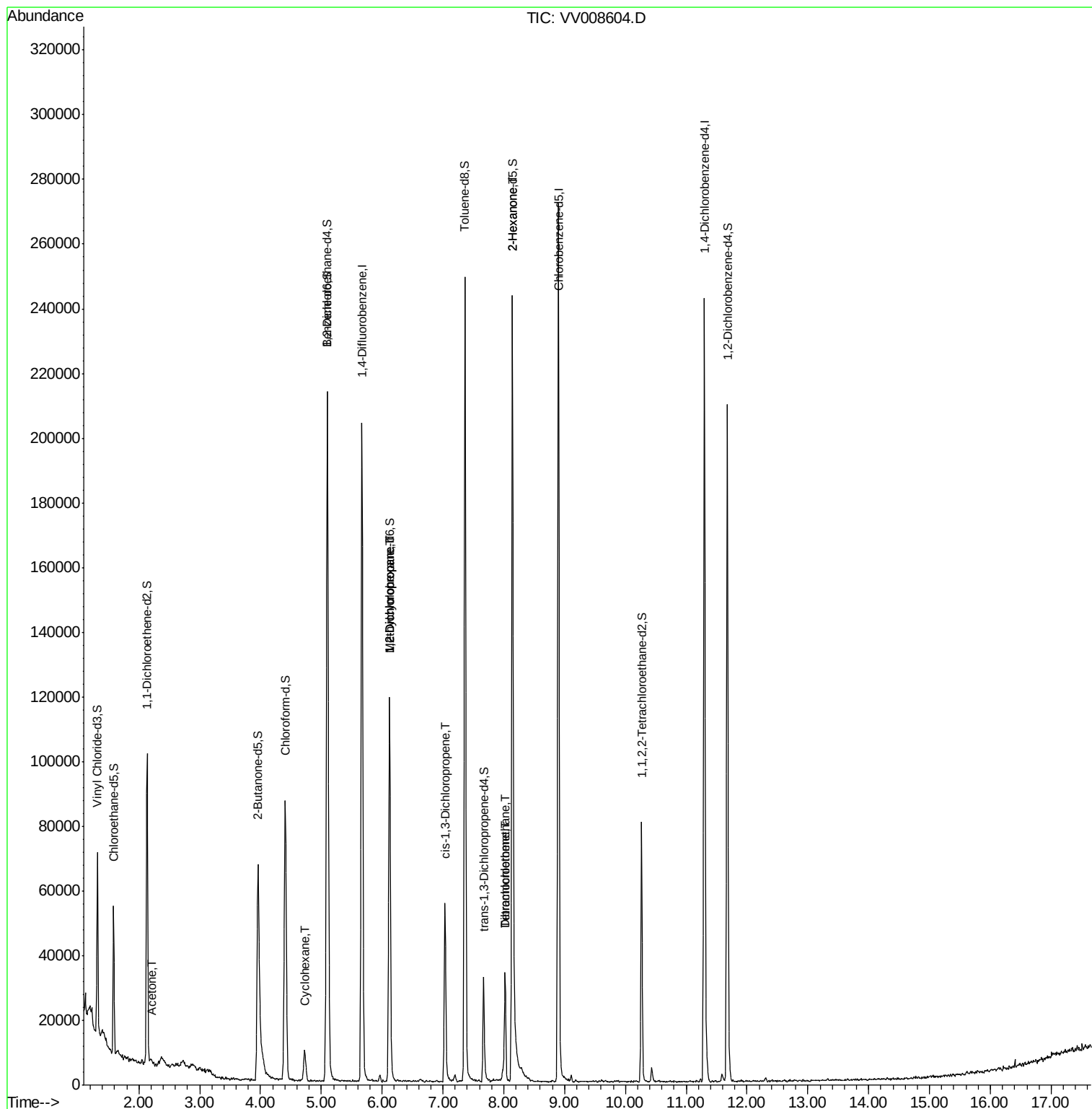
					Qvalue
13) Acetone	2.21	43	2248	1.627 ug/L	84
30) Cyclohexane	4.72	56	5489	0.261 ug/L	96
35) Methylcyclohexane	6.12	83	13090	0.616 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6158	0.494 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1346	0.080 ug/L #	39
47) Tetrachloroethene	8.02	164	6853	0.755 ug/L	86
48) 2-Hexanone	8.14	43	12237	2.484 ug/L #	73
49) Dibromochloromethane	8.03	129	6942	0.769 ug/L #	10

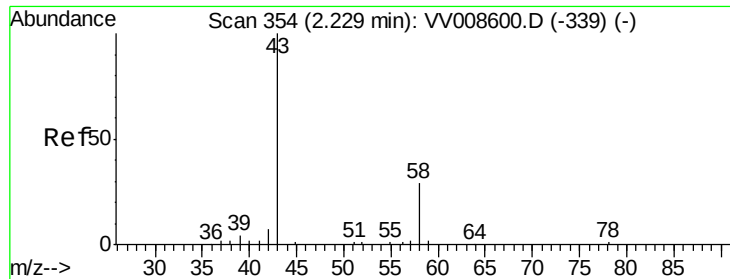
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.627 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV008604.D

Acq: 17 Nov 2018 01:03

Instrument :

MSVOA_V

ClientSampleId :

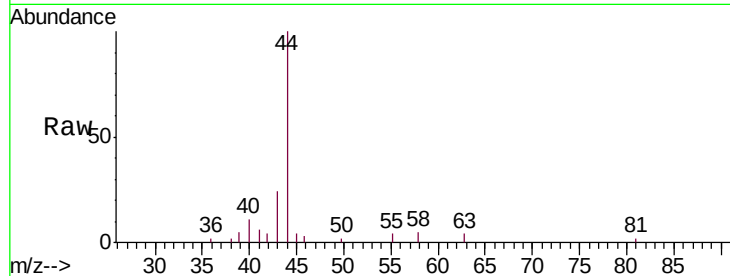
F9C04

Tgt Ion: 43 Resp: 2248

Ion Ratio Lower Upper

43 100

58 19.6 0.0 56.4

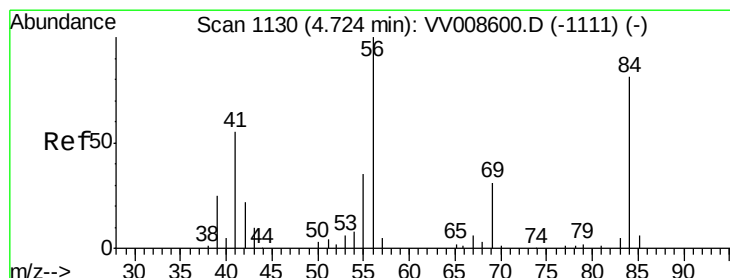
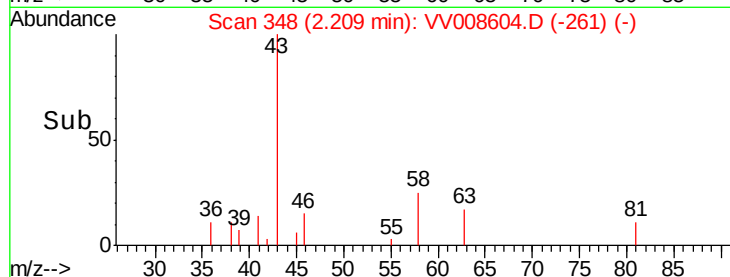


Abundance Ion 43.05 (42.75 to 43.75): VV008600.D (-339) (-)

Ion 58.05 (57.75 to 58.75): VV008600.D (-339) (-)

2.21

Time-->



#30

Cyclohexane

Concen: 0.261 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV008604.D

Acq: 17 Nov 2018 01:03

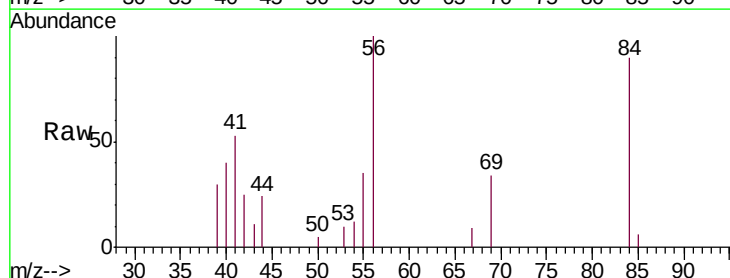
Tgt Ion: 56 Resp: 5489

Ion Ratio Lower Upper

56 100

69 34.3 24.2 36.4

84 84.1 65.7 98.5



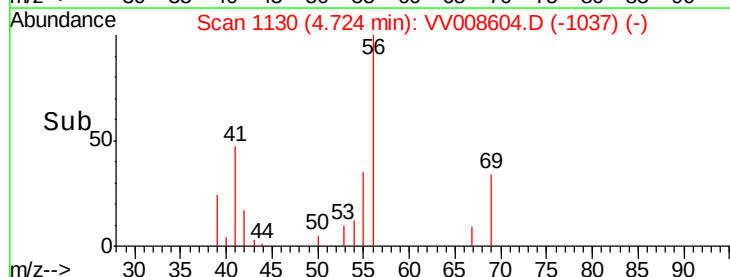
Abundance Ion 56.10 (55.80 to 56.80): VV008600.D (-1111) (-)

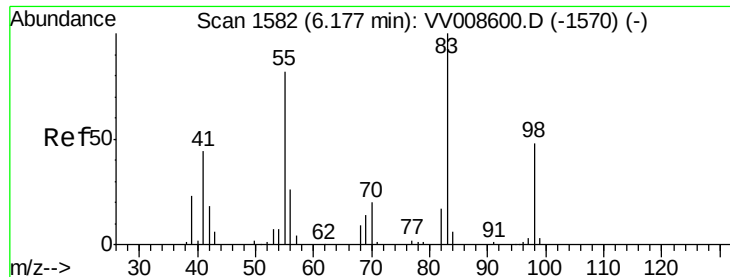
Ion 69.15 (68.85 to 69.85): VV008600.D (-1111) (-)

Ion 84.15 (83.85 to 84.85): VV008600.D (-1111) (-)

4.72

Time-->

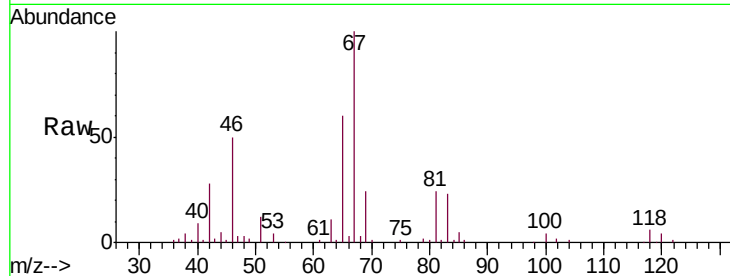




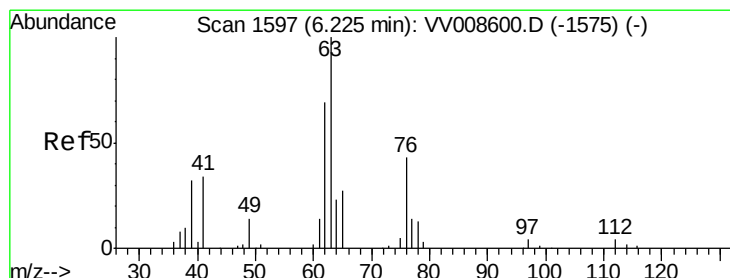
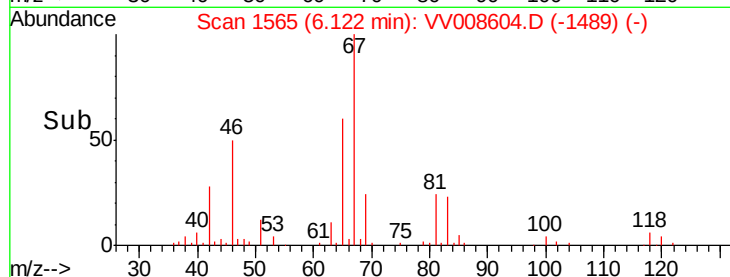
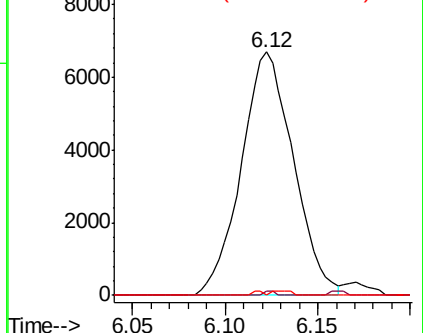
#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008604.D
Acq: 17 Nov 2018 01:03

Instrument :
MSVOA_V
ClientSampled :
F9C04

Tgt Ion: 83 Resp: 13090
Ion Ratio Lower Upper
83 100
55 0.3 65.6 98.4#
98 0.4 36.4 54.6#

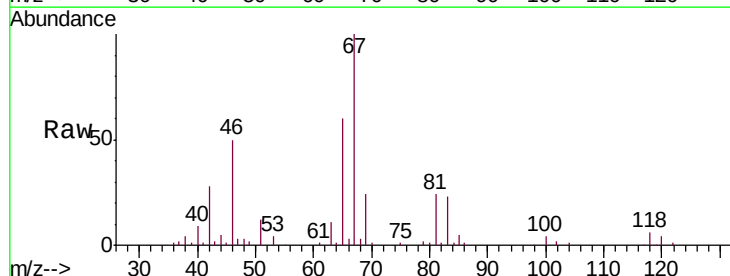


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

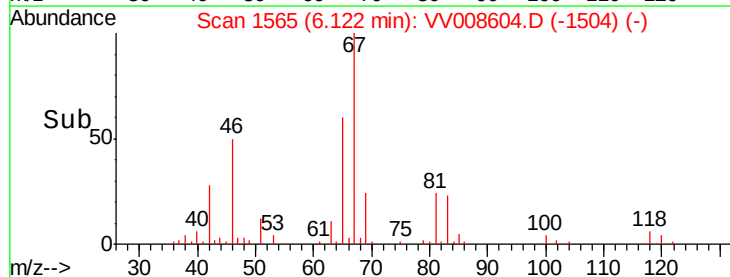
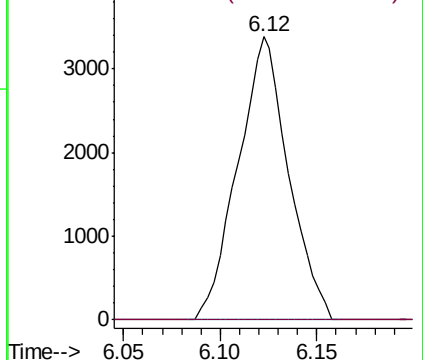


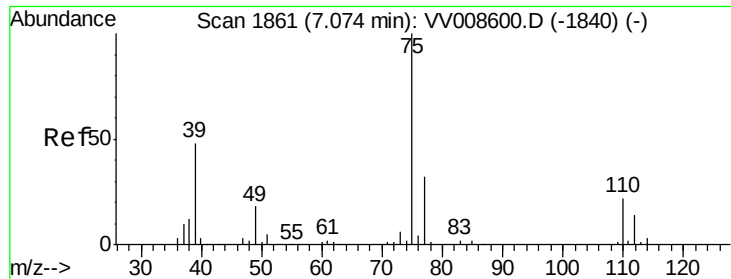
#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008604.D
Acq: 17 Nov 2018 01:03

Tgt Ion: 63 Resp: 6158
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

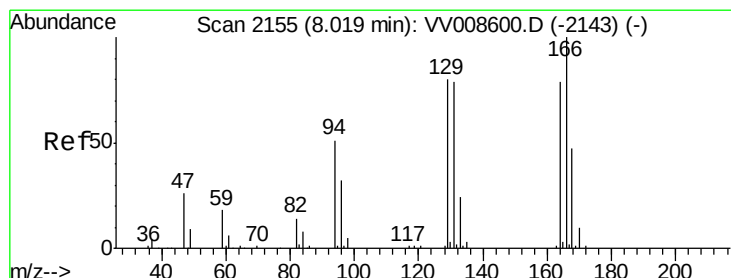
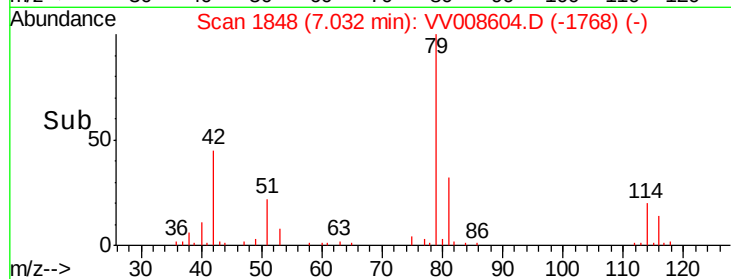
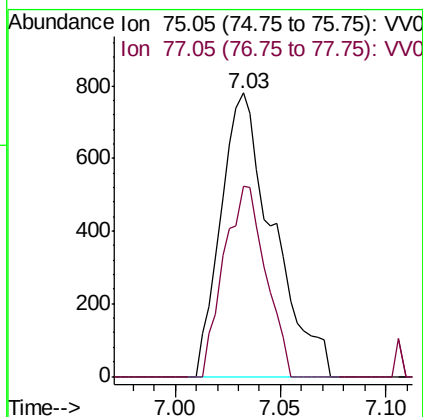
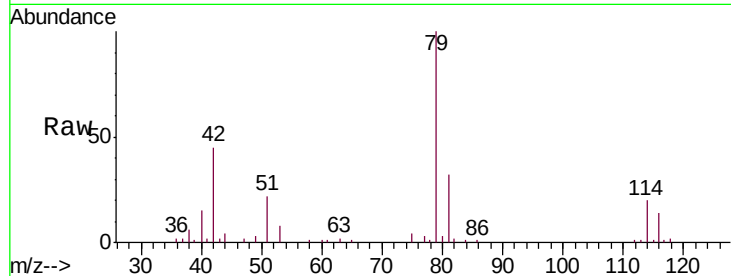




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008604.D
 Acq: 17 Nov 2018 01:03

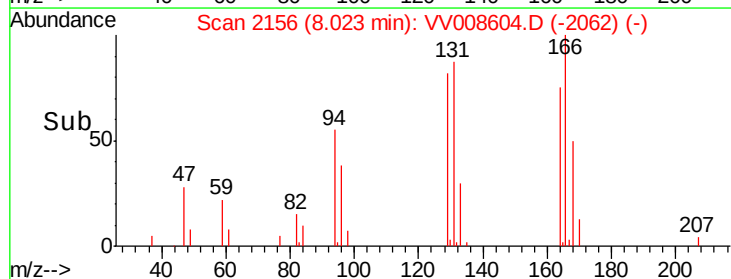
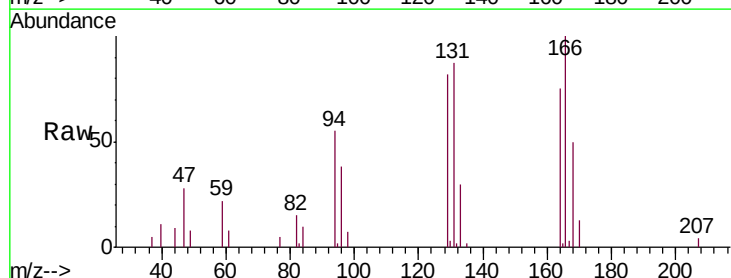
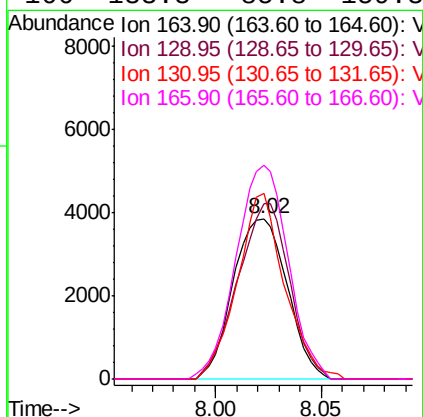
Instrument :
 MSVOA_V
 ClientSampleId :
 F9C04

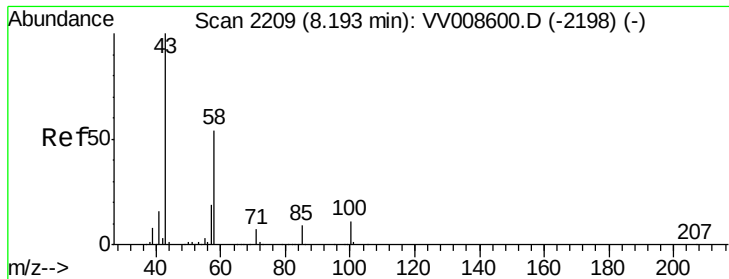
Tgt Ion: 75 Resp: 1346
 Ion Ratio Lower Upper
 75 100
 77 67.3 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 0.755 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008604.D
 Acq: 17 Nov 2018 01:03

Tgt Ion: 164 Resp: 6853
 Ion Ratio Lower Upper
 164 100
 129 109.4 67.5 125.4
 131 116.1 66.4 123.4
 166 133.3 85.8 159.3

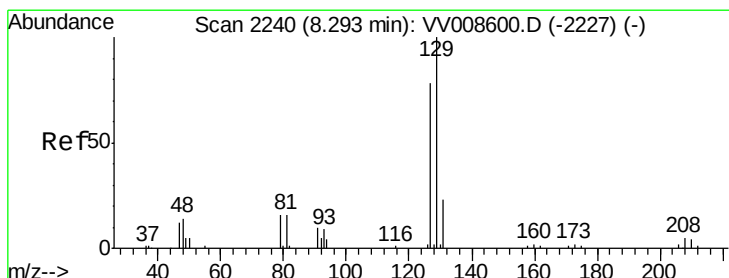
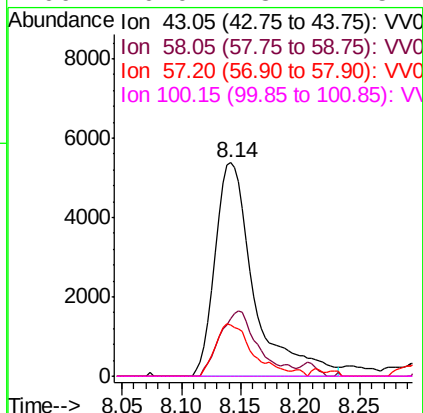
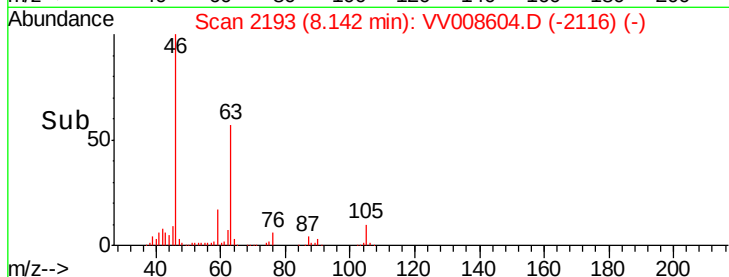
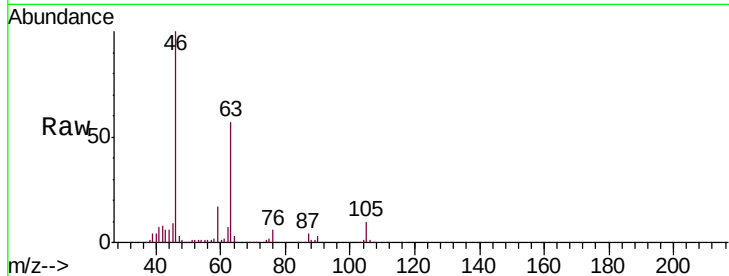




#48
2-Hexanone
Concen: 2.484 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008604.D
Acq: 17 Nov 2018 01:03

Instrument :
MSVOA_V
ClientSampled :
F9C04

Tgt Ion:	43	Resp:	12237
Ion	Ratio	Lower	Upper
43	100		
58	28.6	41.8	62.8#
57	23.4	15.4	23.0#
100	0.0	8.7	13.1#



#49
Dibromochloromethane
Concen: 0.769 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.27 min
Lab File: VV008604.D
Acq: 17 Nov 2018 01:03

Tgt Ion:	129	Resp:	6942
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.6	101.4#

