

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008615.D
 Acq On : 17 Nov 2018 05:41
 Operator : SY/MD
 Sample : J5947-16
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9C40

Quant Time: Nov 17 09:13:38 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	165526	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37134	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.59	69	29978	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.14	63	55223	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	135629	51.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.41	84	97672	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	52415	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	205264	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	64276	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	183272	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	21037	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	103517	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	41746	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61087	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

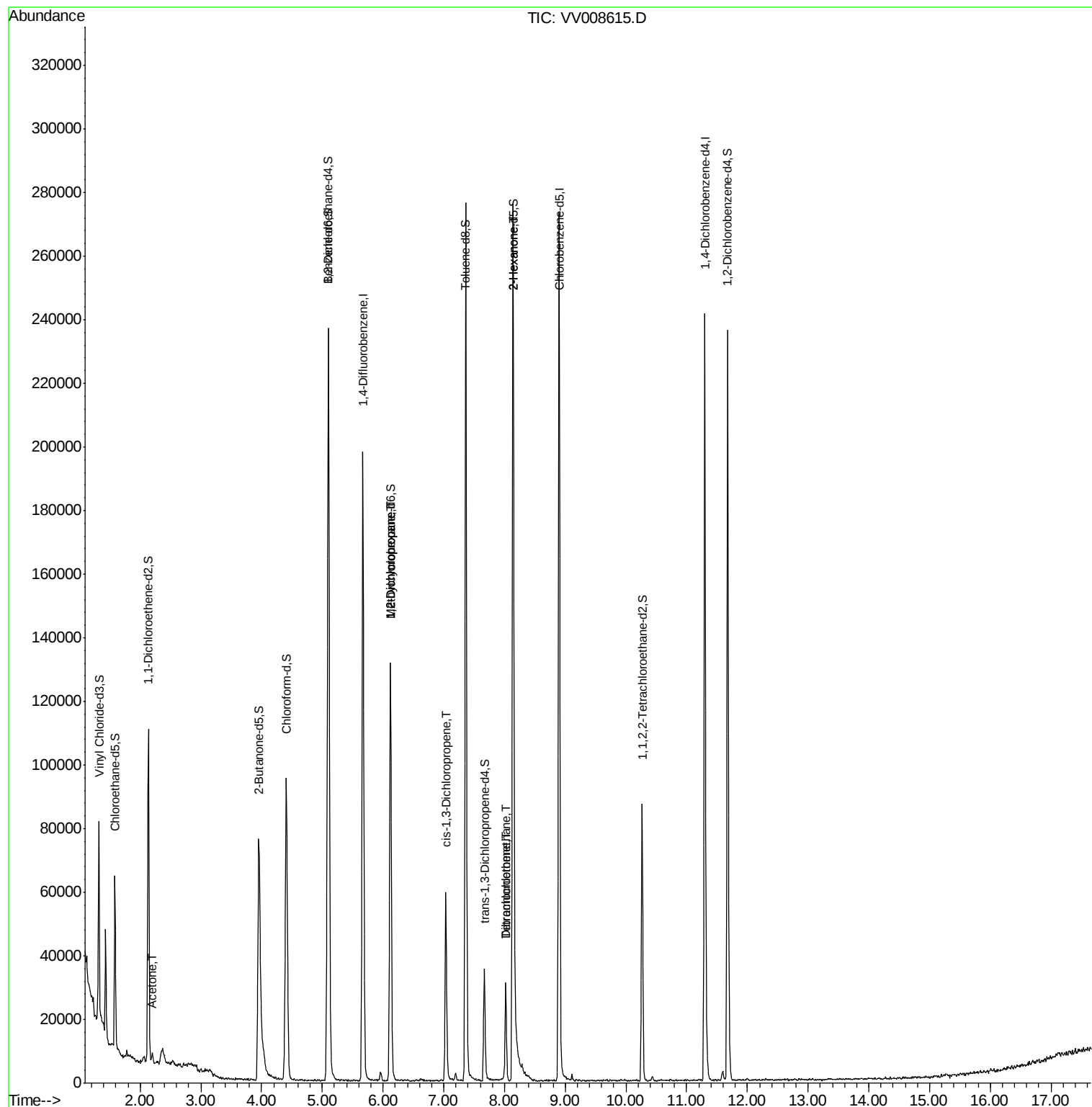
					Qvalue
13) Acetone	2.21	43	2234	1.628 ug/L	84
35) Methylcyclohexane	6.12	83	14706	0.687 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6594	0.525 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1601	0.095 ug/L #	74
47) Tetrachloroethene	8.02	164	6598	0.722 ug/L	93
48) 2-Hexanone	8.14	43	14039	2.829 ug/L #	75
49) Dibromochloromethane	8.02	129	6753	0.743 ug/L #	10

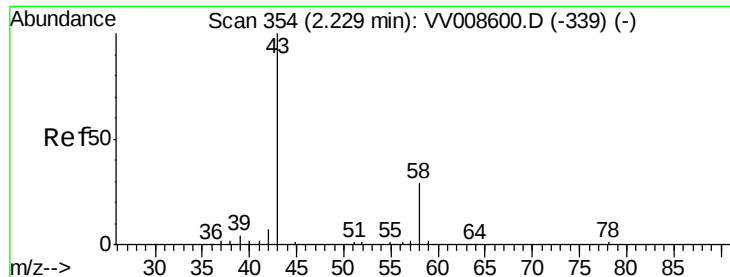
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.628 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008615.D

Acq: 17 Nov 2018 05:41

Instrument :

MSVOA_V

ClientSampleId :

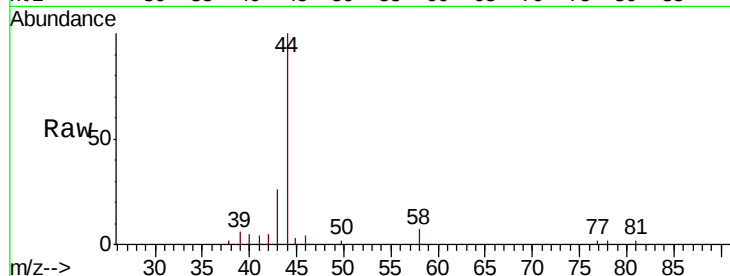
F9C40

Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

43 100

58 36.7 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008615.D (-261) (-)

Ion 58.05 (57.75 to 58.75): VV008615.D (-261) (-)

2.21

1500

1000

500

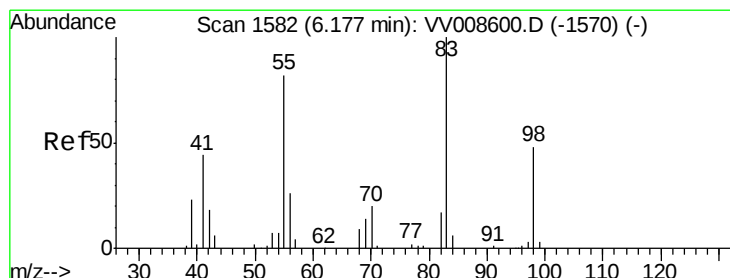
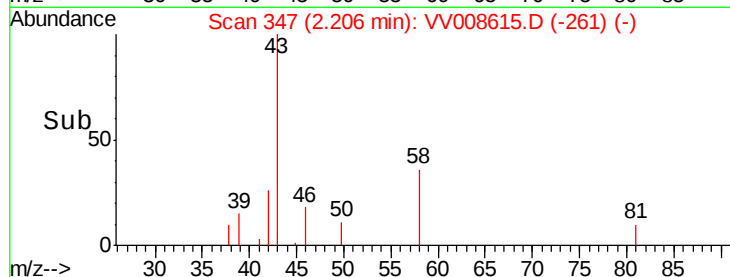
0

Time-->

2.15

2.20

2.25



#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008615.D

Acq: 17 Nov 2018 05:41

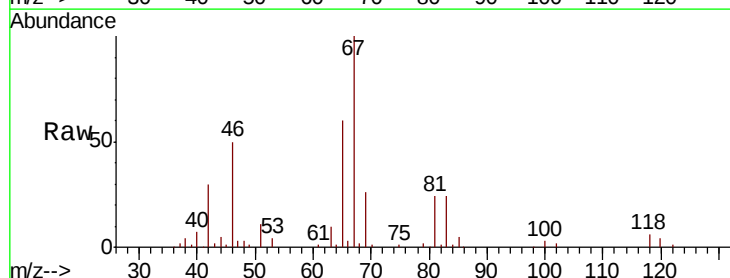
Tgt Ion: 83 Resp: 14706

Ion Ratio Lower Upper

83 100

55 0.3 65.6 98.4#

98 1.1 36.4 54.6#



Abundance Ion 83.15 (82.85 to 83.85): VV008615.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008615.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008615.D (-1489) (-)

6.12

10000

8000

6000

4000

2000

0

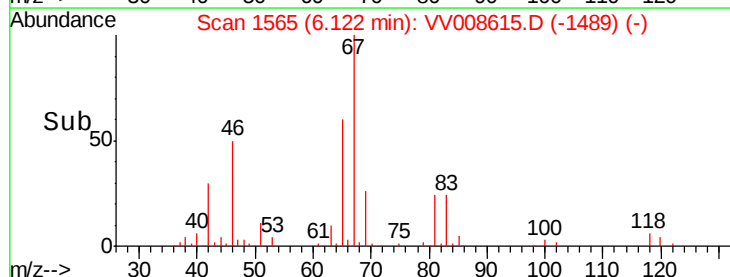
Time-->

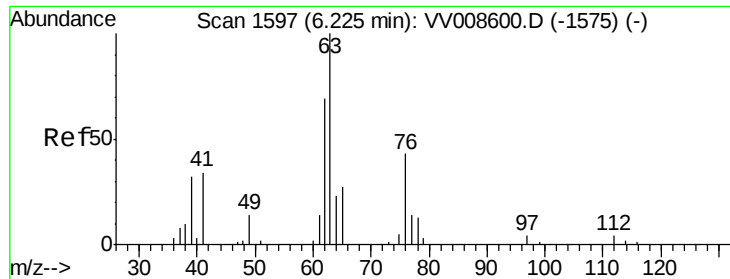
6.05

6.10

6.15

6.20

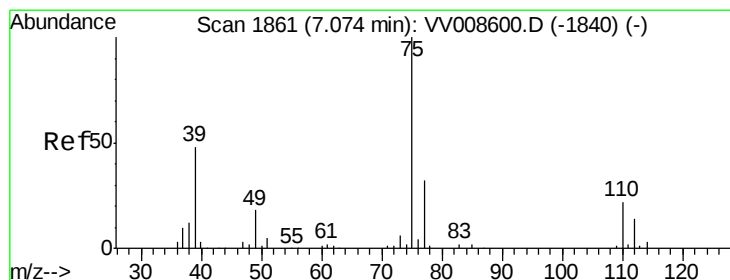
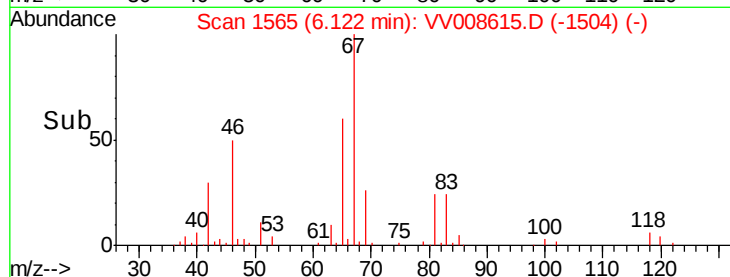
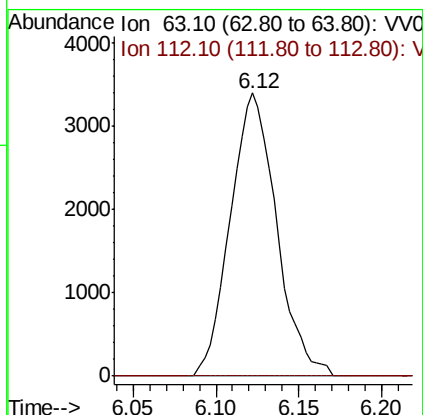
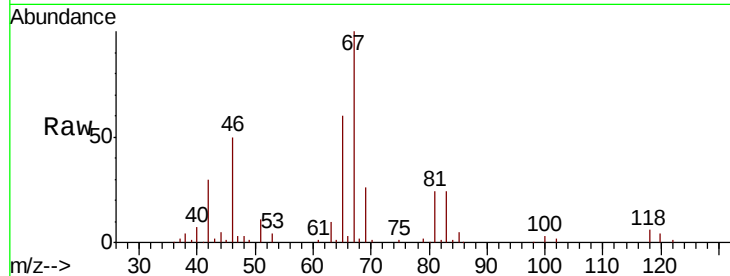




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008615.D
 Acq: 17 Nov 2018 05:41

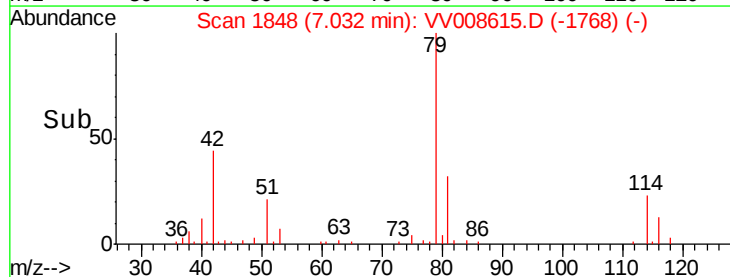
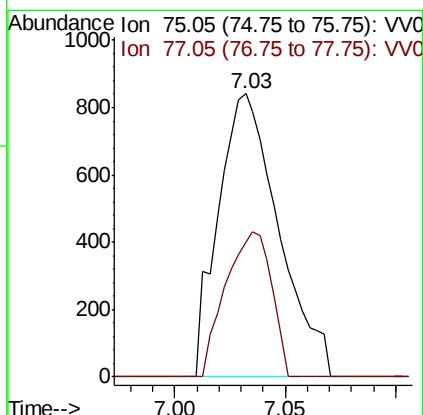
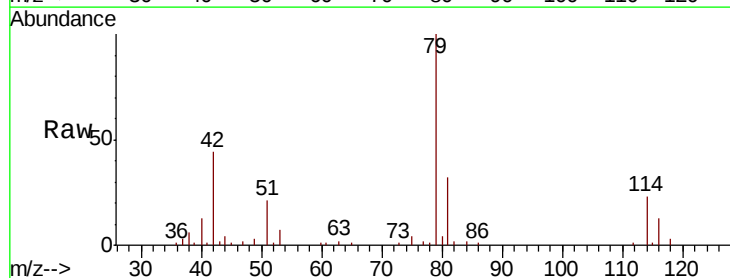
Instrument :
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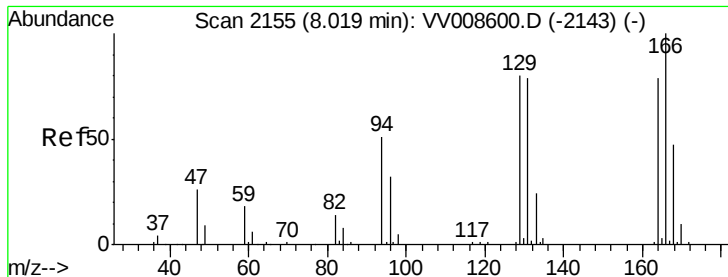
Tgt Ion: 63 Resp: 6594
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008615.D
 Acq: 17 Nov 2018 05:41

Tgt Ion: 75 Resp: 1601
 Ion Ratio Lower Upper
 75 100
 77 47.8 23.0 42.8#

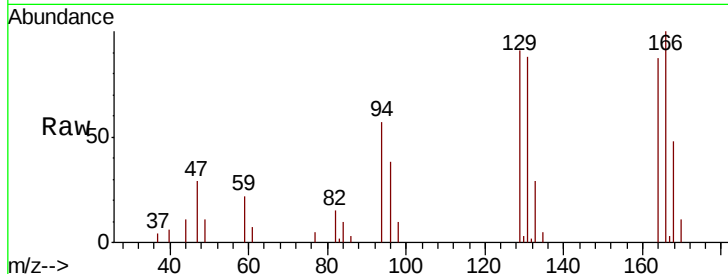




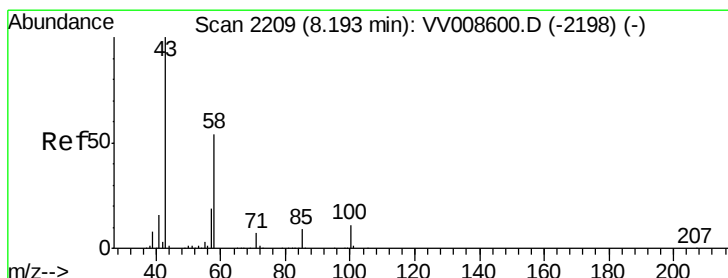
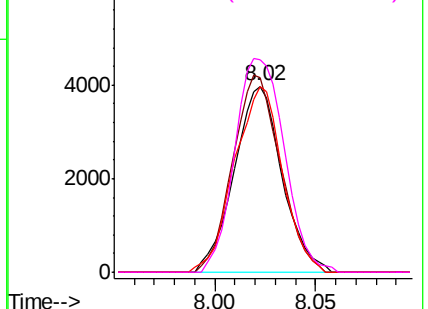
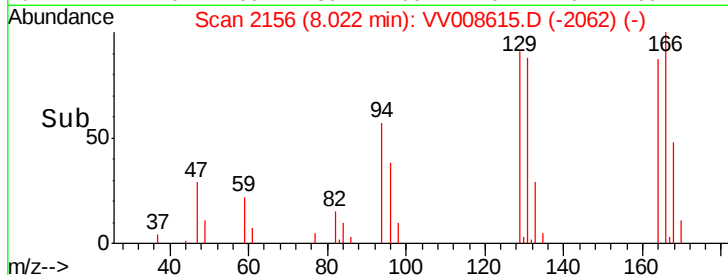
#47
Tetrachloroethene
Concen: 0.722 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008615.D
Acq: 17 Nov 2018 05:41

Instrument :
MSVOA_V
ClientSampleId :
F9C40

Tgt Ion: 164 Resp: 6598
Ion Ratio Lower Upper
164 100
129 104.4 67.5 125.4
131 100.1 66.4 123.4
166 114.3 85.8 159.3

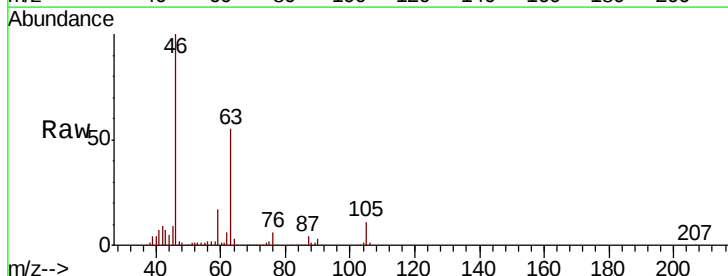


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

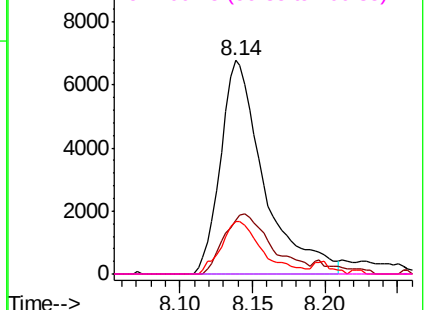
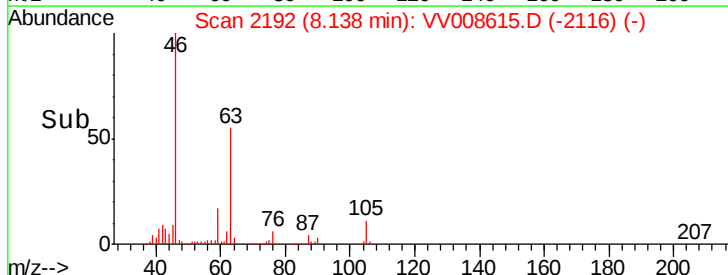


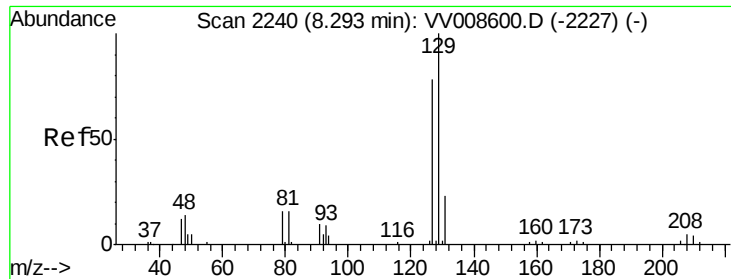
#48
2-Hexanone
Concen: 2.829 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV008615.D
Acq: 17 Nov 2018 05:41

Tgt Ion: 43 Resp: 14039
Ion Ratio Lower Upper
43 100
58 30.6 41.8 62.8#
57 23.1 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: 0.743 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008615.D

Acq: 17 Nov 2018 05:41

Instrument :

MSVOA_V

ClientSampleId :

F9C40

Tgt Ion:129 Resp: 6753

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

