

Data File : VV012607.D
Acq On : 06 Sep 2019 19:34
Operator : SY/MD
Sample : K4703-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD89

Quant Time: Sep 07 01:10:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61512	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	64927	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	97095	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.93	46	124457	49.57	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.40	84	92917	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	59873	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.10	84	187205	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	64429	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	140213	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	17324	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	72779	45.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43719	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46661	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

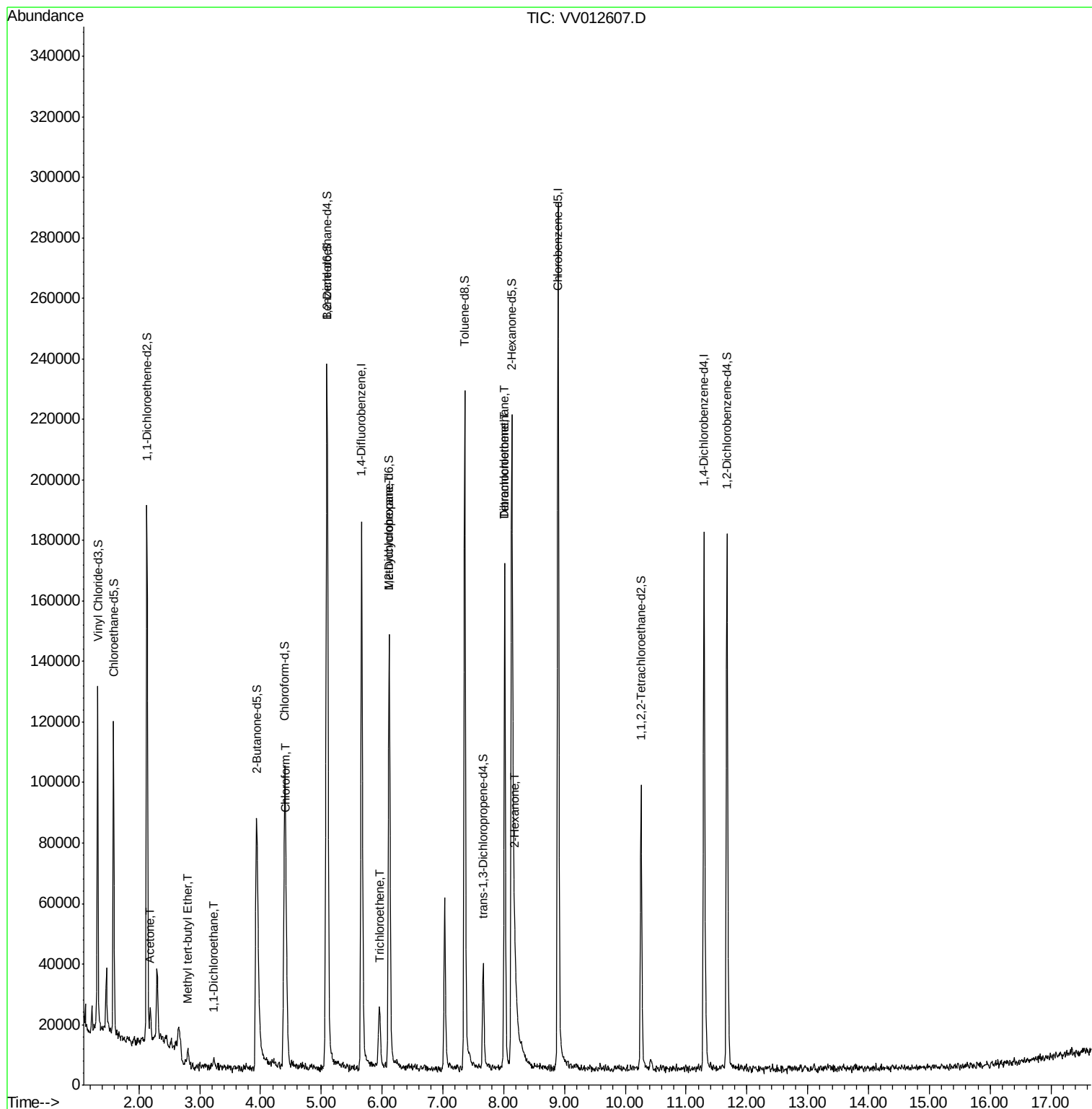
					Qvalue
13) Acetone	2.19	43	8615	2.829 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	4890	0.184 ug/L #	86
19) 1,1-Dichloroethane	3.23	63	2077	0.083 ug/L #	92
25) Chloroform	4.43	83	18871	0.696 ug/L	99
34) Trichloroethene	5.96	95	5193	0.353 ug/L	91
35) Methylcyclohexane	6.12	83	15137	0.690 ug/L #	16
47) Tetrachloroethene	8.02	164	33495	3.128 ug/L	98
48) 2-Hexanone	8.18	43	9186	1.580 ug/L #	43
49) Dibromochloromethane	8.02	129	30542	2.876 ug/L #	12

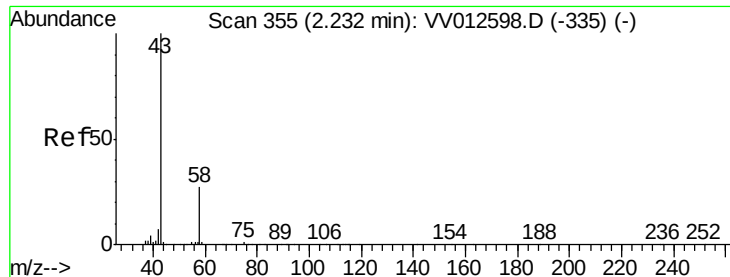
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 2.829 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012607.D

Acq: 06 Sep 2019 19:34

Instrument :

MSVOA_V

ClientSampleId :

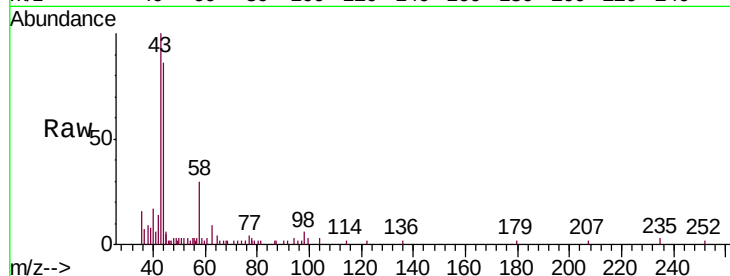
BFD89

Tgt Ion: 43 Resp: 8615

Ion Ratio Lower Upper

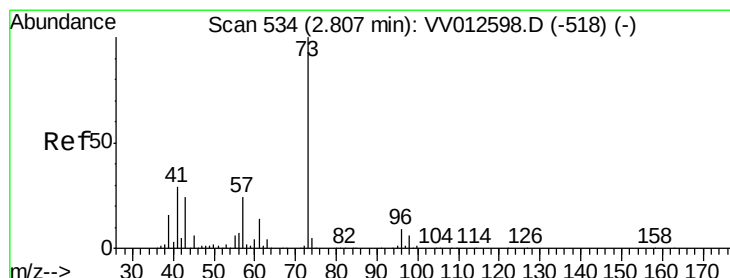
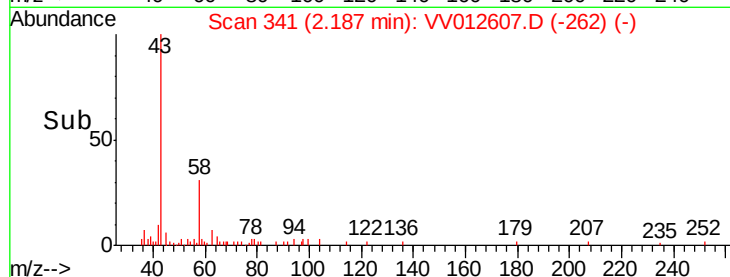
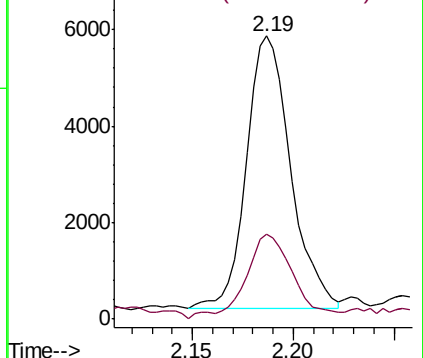
43 100

58 29.8 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV012598.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV012598.D (-335) (-)



#17

Methyl tert-butyl Ether

Concen: 0.184 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012607.D

Acq: 06 Sep 2019 19:34

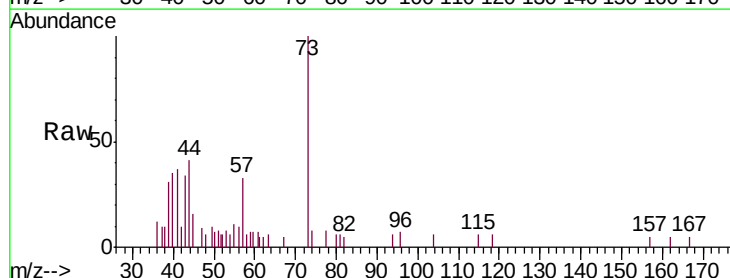
Tgt Ion: 73 Resp: 4890

Ion Ratio Lower Upper

73 100

43 27.3 18.9 28.3

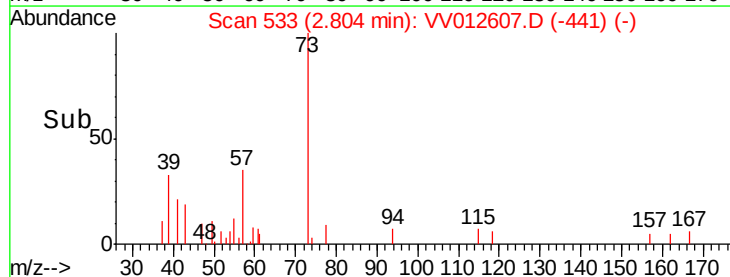
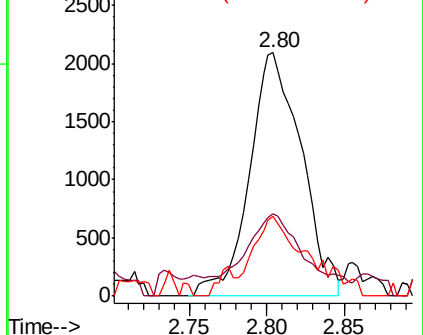
57 33.7 18.9 28.3#

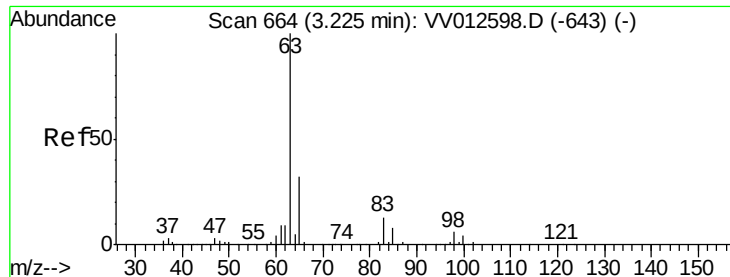


Abundance Ion 73.10 (72.80 to 73.80): VV012598.D (-518) (-)

Ion 43.05 (42.75 to 43.75): VV012598.D (-518) (-)

Ion 57.10 (56.80 to 57.80): VV012598.D (-518) (-)

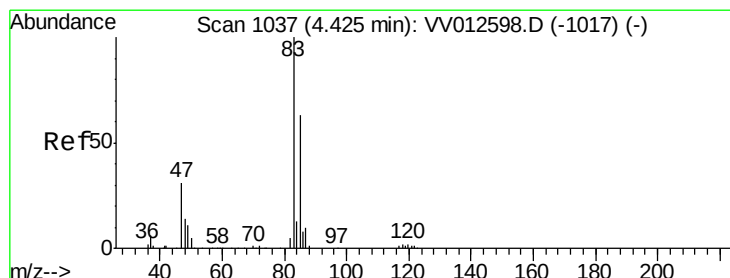
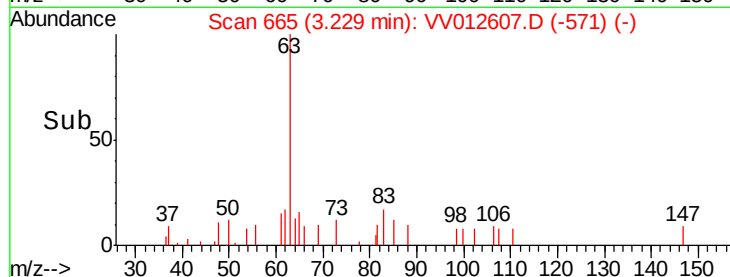
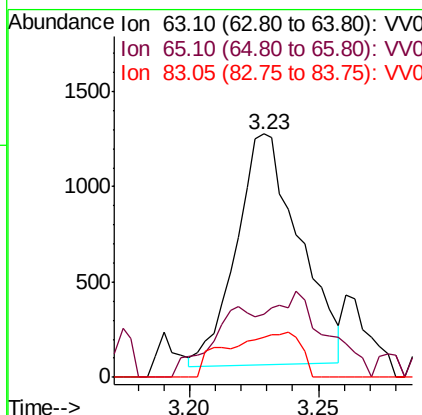
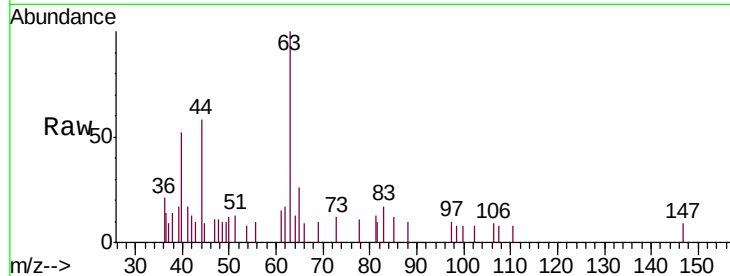




#19
 1,1-Dichloroethane
 Concen: 0.083 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV012607.D
 Acq: 06 Sep 2019 19:34

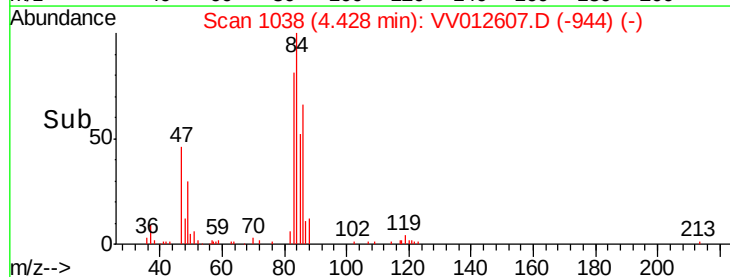
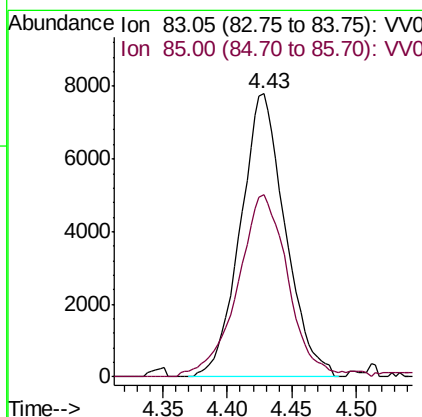
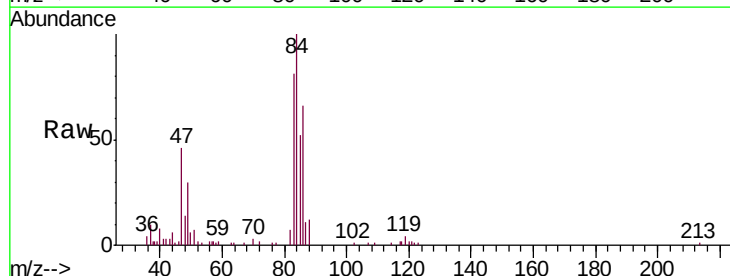
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD89

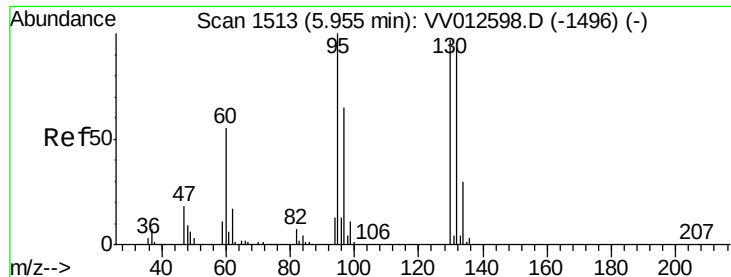
Tgt Ion: 63 Resp: 2077
 Ion Ratio Lower Upper
 63 100
 65 25.9 20.9 38.9
 83 16.7 8.8 16.3#



#25
 Chloroform
 Concen: 0.696 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV012607.D
 Acq: 06 Sep 2019 19:34

Tgt Ion: 83 Resp: 18871
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.4 82.5





#34

Trichloroethene

Concen: 0.353 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012607.D

Acq: 06 Sep 2019 19:34

Instrument :

MSVOA_V

ClientSampleId :

BFD89

Tgt Ion: 95 Resp: 5193

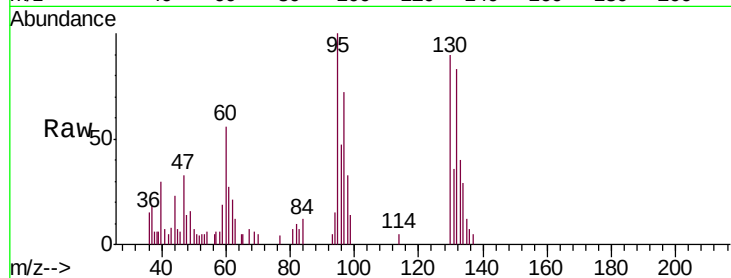
Ion Ratio Lower Upper

95 100

97 72.2 43.9 81.5

132 82.6 64.8 120.4

130 90.0 67.1 124.7

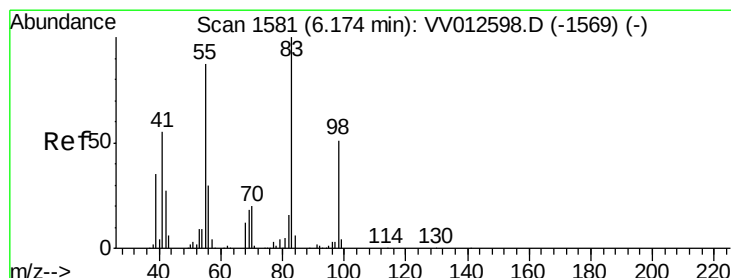
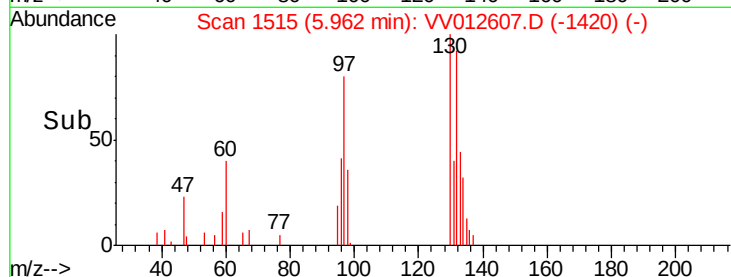
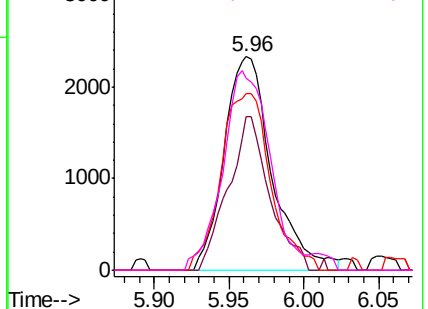


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012607.D

Acq: 06 Sep 2019 19:34

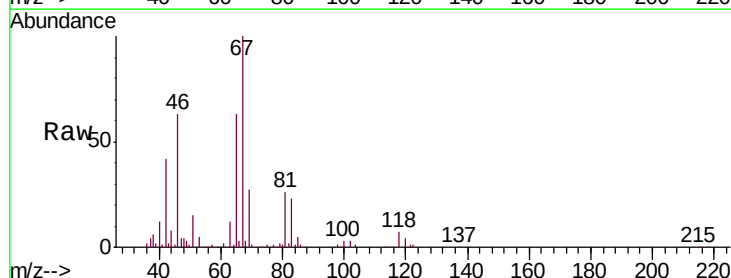
Tgt Ion: 83 Resp: 15137

Ion Ratio Lower Upper

83 100

55 1.9 69.0 103.6#

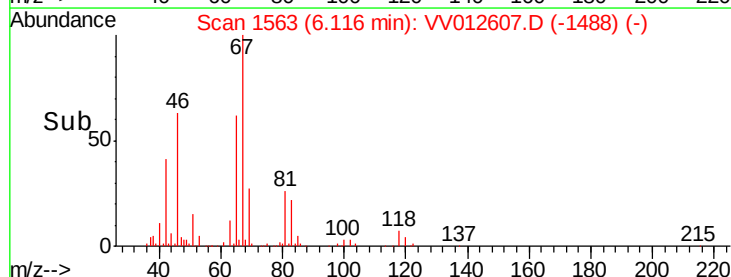
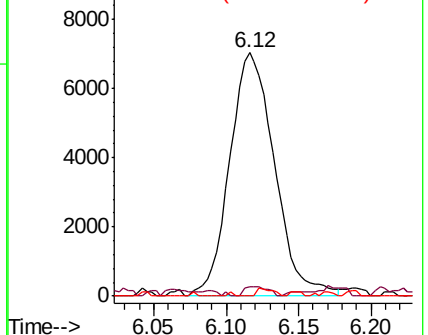
98 1.1 38.0 57.0#

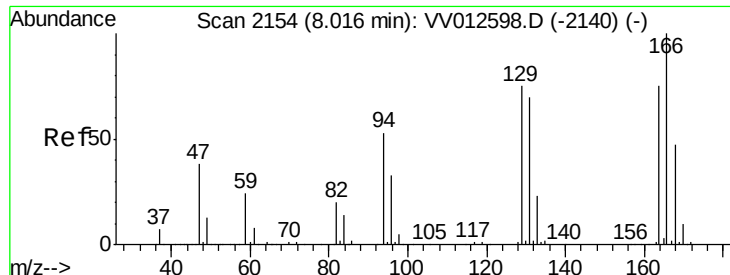


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

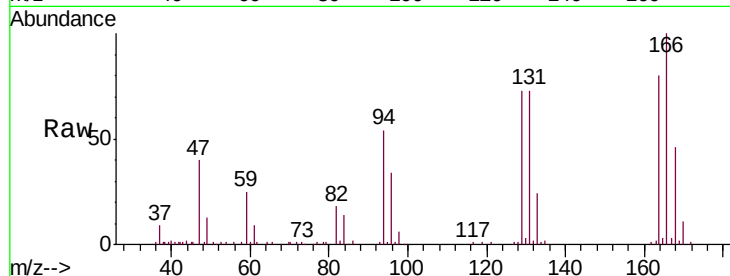




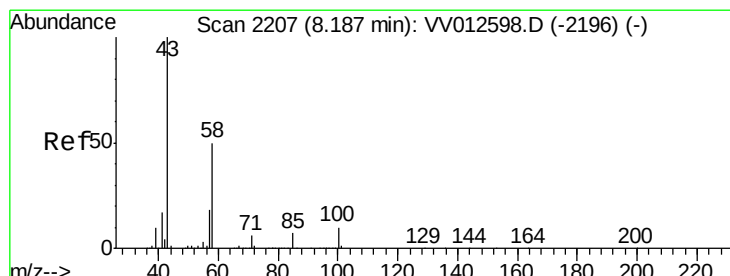
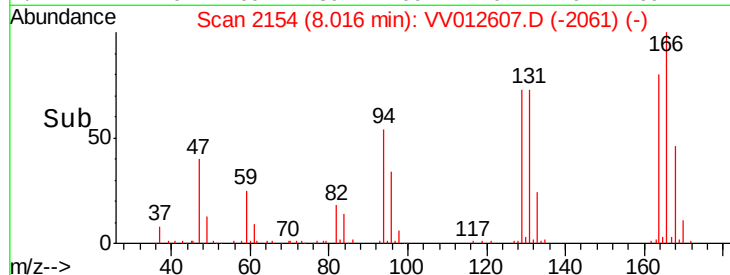
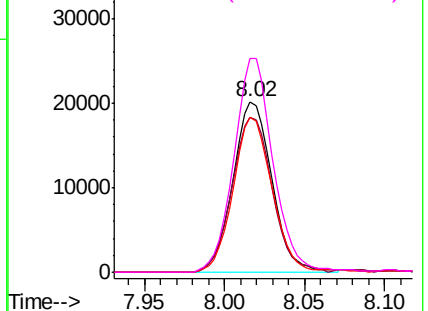
#47
Tetrachloroethene
Concen: 3.128 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Instrument :
MSVOA_V
ClientSampleId :
BFD89

Tgt Ion:164 Resp: 33495
Ion Ratio Lower Upper
164 100
129 90.8 65.0 120.6
131 91.0 62.0 115.2
166 125.1 87.0 161.6

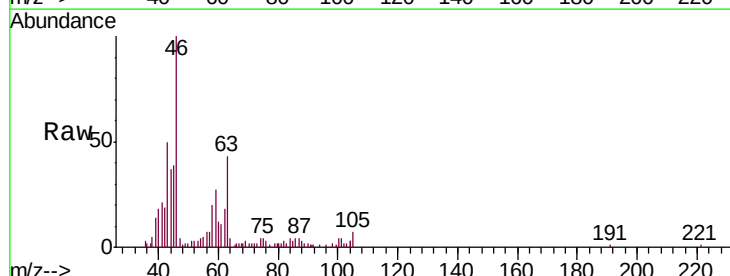


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

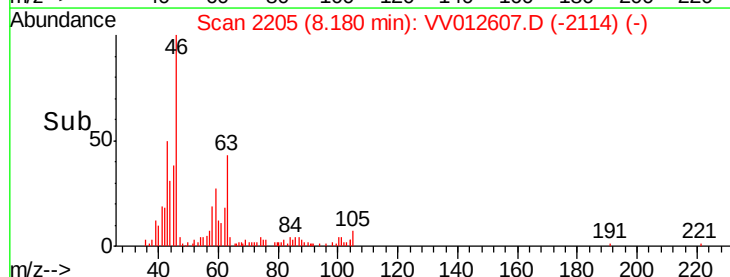
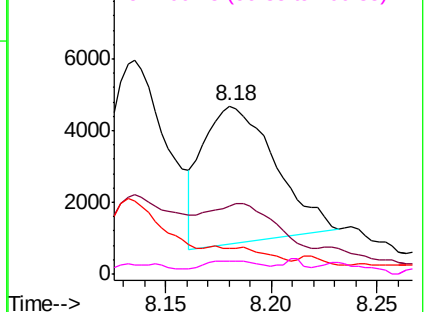


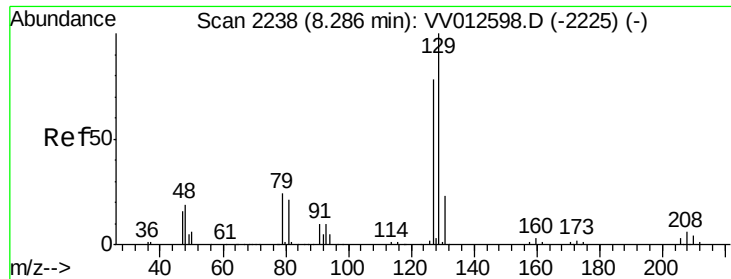
#48
2-Hexanone
Concen: 1.580 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Tgt Ion: 43 Resp: 9186
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
57 0.0 12.9 19.3#
100 4.6 8.0 12.0#



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: 2.876 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012607.D

Acq: 06 Sep 2019 19:34

Instrument :

MSVOA_V

ClientSampleId :

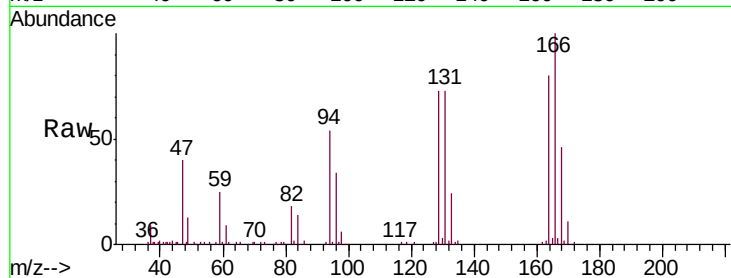
BFD89

Tgt Ion:129 Resp: 30542

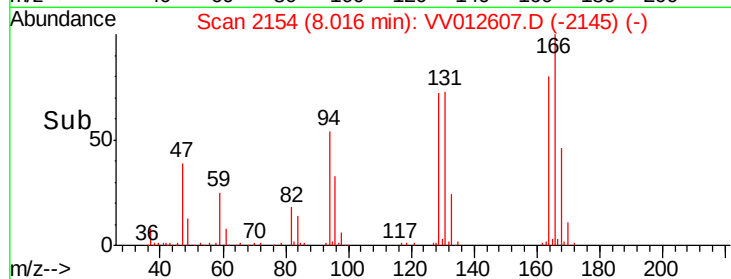
Ion Ratio Lower Upper

129 100

127 0.8 53.0 98.4#



Abundance Ion 128.95 (128.65 to 129.65): V



Ion 126.90 (126.60 to 127.60): V

