

Data File : VV011309.D
Acq On : 08 Jun 2019 02:30
Operator : SY/MD
Sample : K3226-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCQ2

Quant Time: Jun 08 05:31:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164209	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44140	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.55	69	37524	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.12	63	71909	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.94	46	148435	52.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.98%
24) Chloroform-d	4.40	84	91865	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	52362	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.09	84	177985	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.11	67	57269	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.36	98	154801	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	16360	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.13	63	113119	50.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43663	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	52863	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

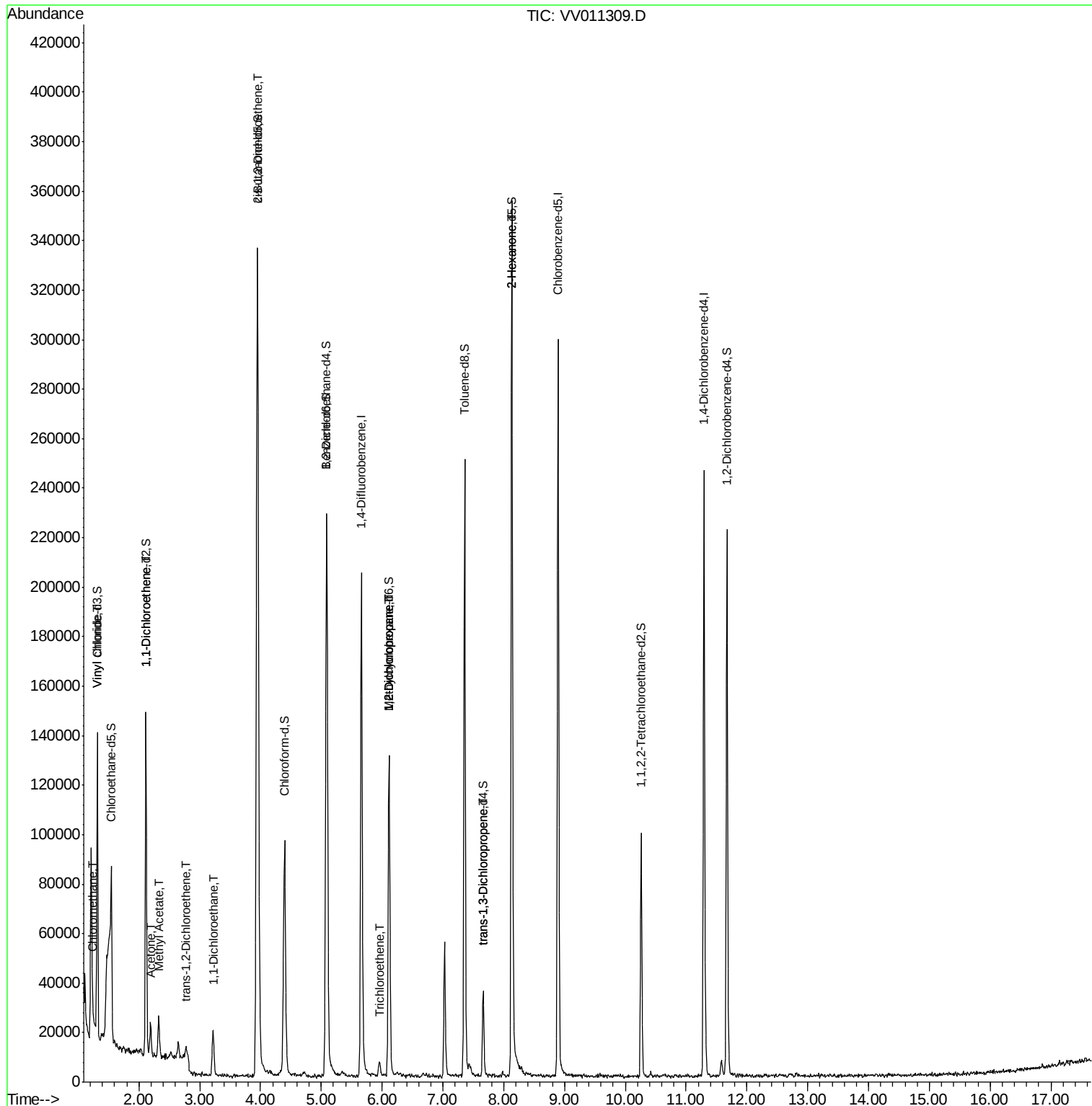
						Qvalue
3) Chloromethane	1.25	50	1413	0.090	ug/L	100
5) Vinyl chloride	1.32	62	24335	1.611	ug/L #	65
12) 1,1-Dichloroethene	2.13	96	3275	0.317	ug/L #	1
13) Acetone	2.19	43	4140	2.204	ug/L	91
15) Methyl Acetate	2.33	43	4238	0.850	ug/L #	53
18) trans-1,2-Dichloroethene	2.78	96	1495	0.129	ug/L	85
19) 1,1-Dichloroethane	3.22	63	17477	0.765	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	133851	10.434	ug/L	97
34) Trichloroethene	5.96	95	1914	0.155	ug/L	87
35) Methylcyclohexane	6.11	83	13738	0.673	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7178	0.604	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1069	0.081	ug/L	99
48) 2-Hexanone	8.13	43	16660	3.155	ug/L #	70

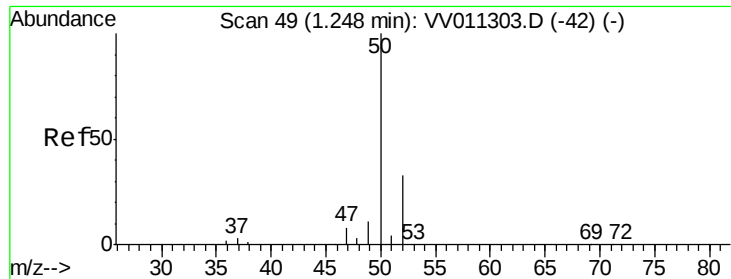
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

Instrument :

MSVOA_V

ClientSampled :

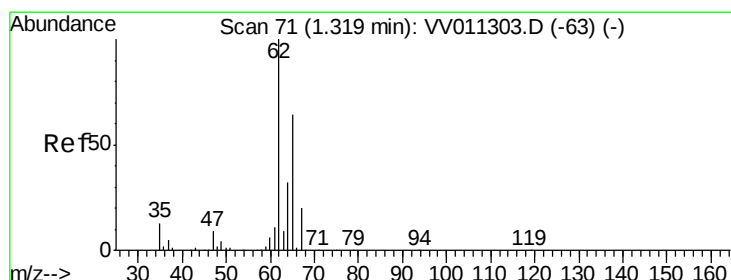
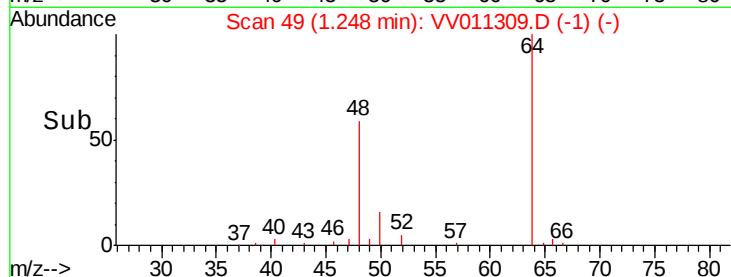
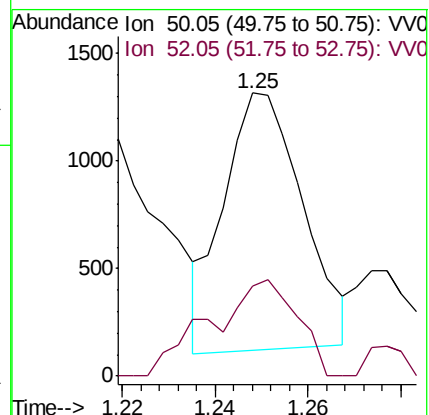
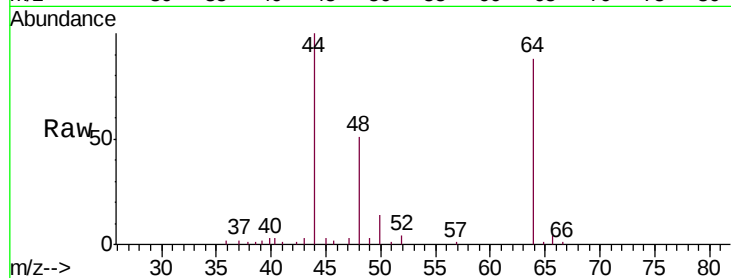
BFCQ2

Tgt Ion: 50 Resp: 1413

Ion Ratio Lower Upper

50 100

52 31.8 22.3 41.5



#5

Vinyl chloride

Concen: 1.611 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011309.D

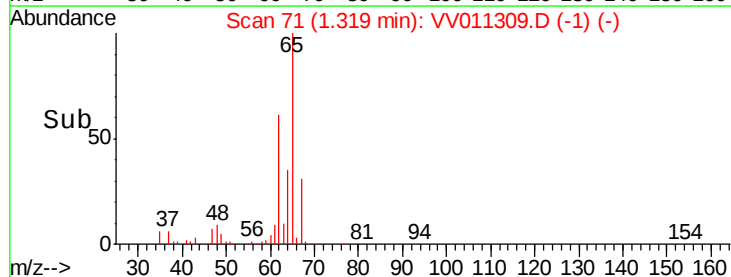
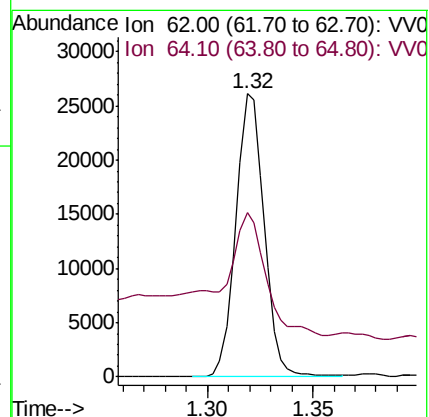
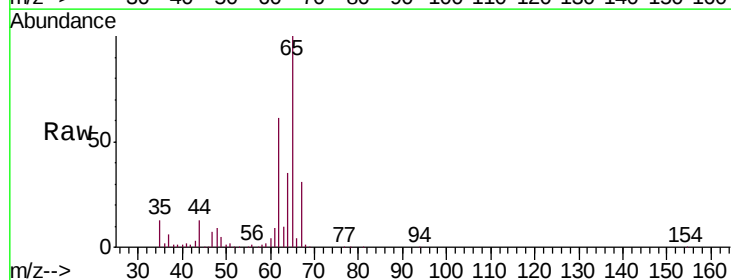
Acq: 08 Jun 2019 02:30

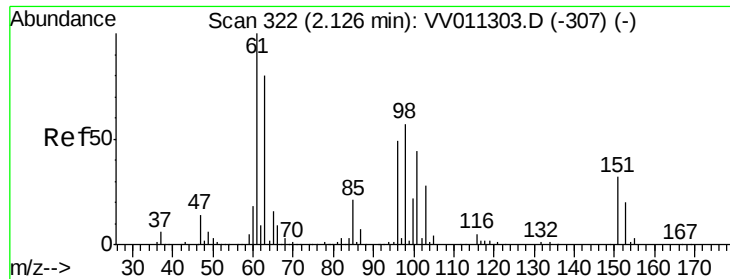
Tgt Ion: 62 Resp: 24335

Ion Ratio Lower Upper

62 100

64 58.0 25.9 48.1#

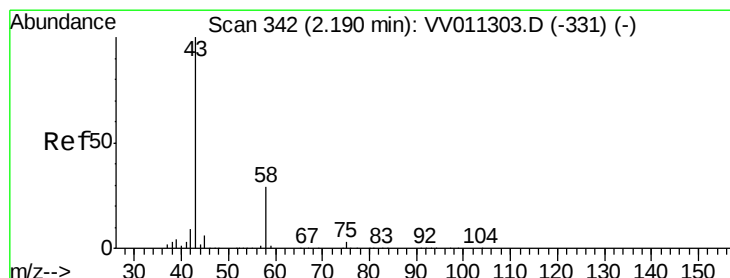
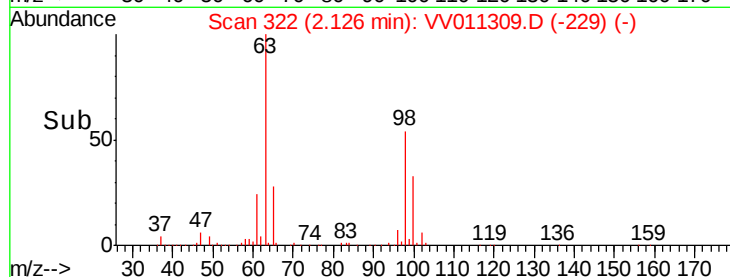
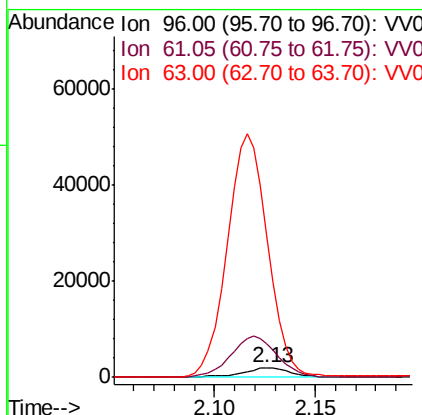
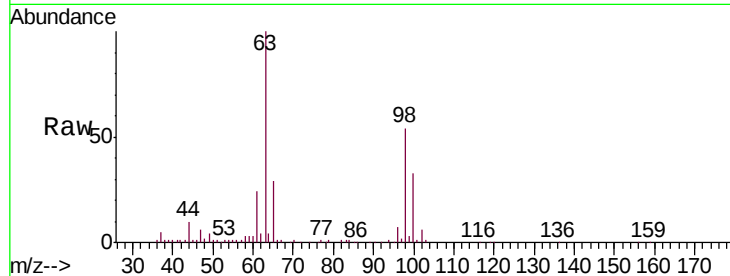




#12
 1,1-Dichloroethene
 Concen: 0.317 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

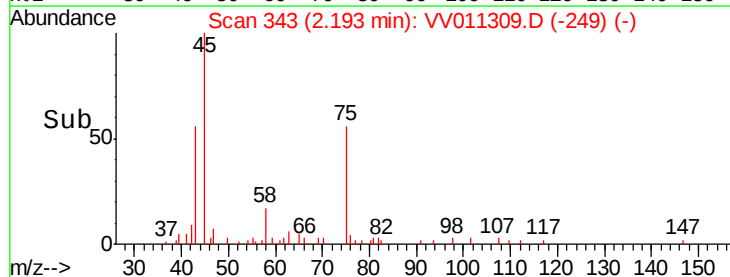
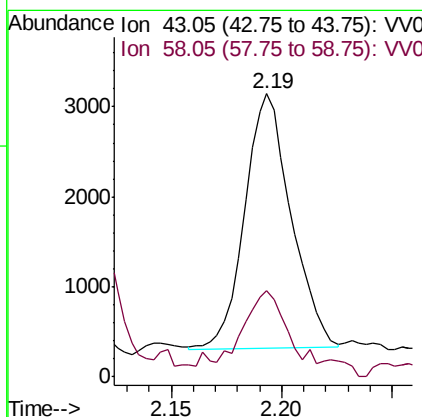
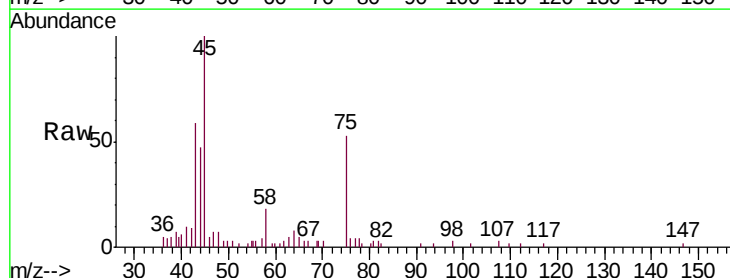
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ2

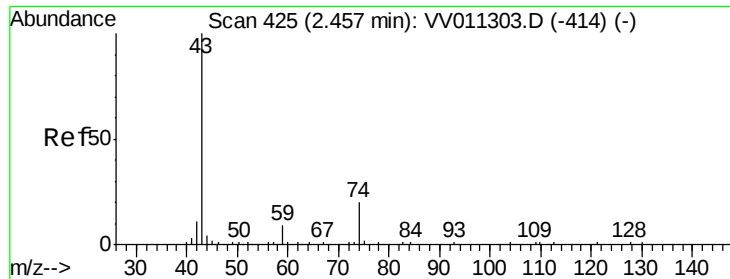
Tgt Ion: 96 Resp: 3275
 Ion Ratio Lower Upper
 96 100
 61 349.7 139.8 259.6#
 63 1462.7 94.3 175.1#



#13
 Acetone
 Concen: 2.204 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

Tgt Ion: 43 Resp: 4140
 Ion Ratio Lower Upper
 43 100
 58 23.1 0.0 55.2

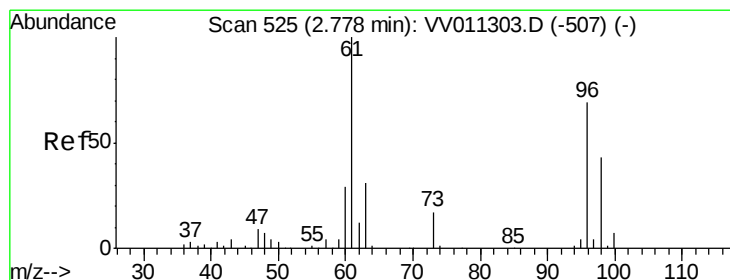
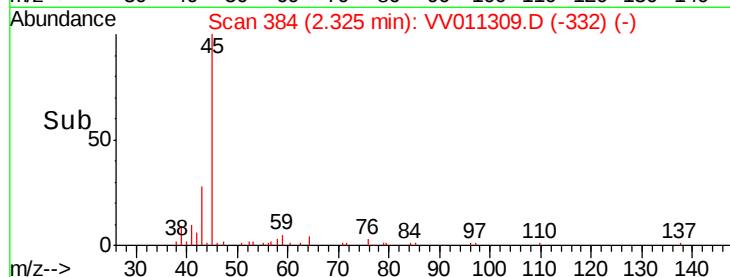
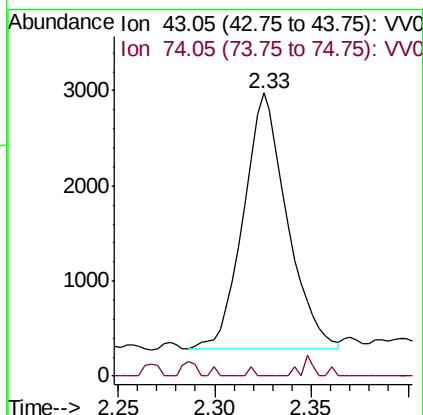
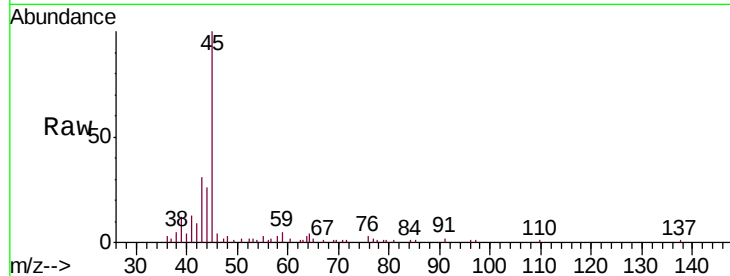




#15
Methyl Acetate
Concen: 0.850 ug/L
RT: 2.33 min Scan# 384
Delta R.T. -0.13 min
Lab File: VV011309.D
Acq: 08 Jun 2019 02:30

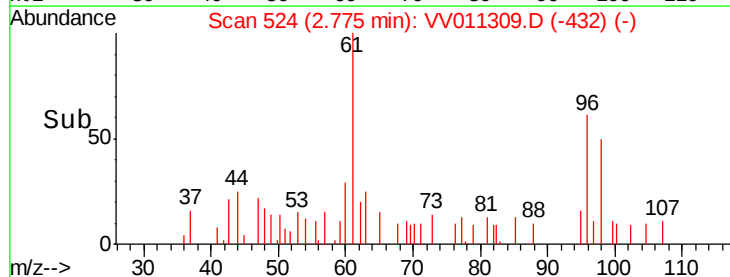
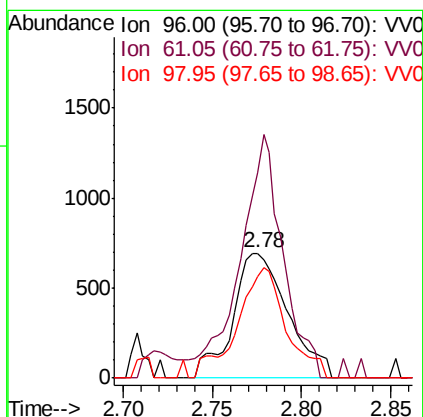
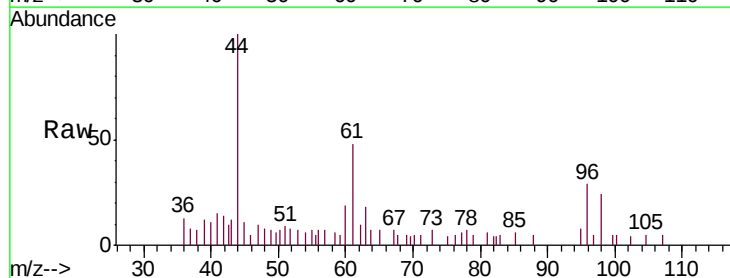
Instrument :
MSVOA_V
ClientSampleId :
BFCQ2

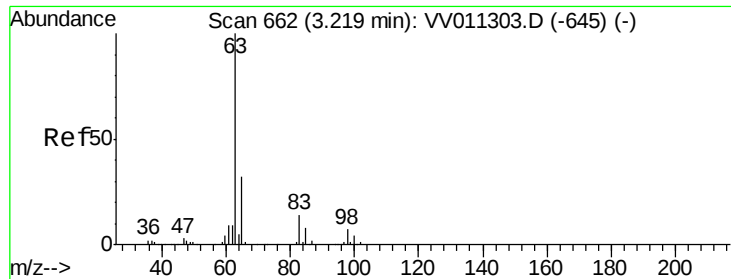
Tgt Ion: 43 Resp: 4238
Ion Ratio Lower Upper
43 100
74 0.4 18.5 27.7#



#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV011309.D
Acq: 08 Jun 2019 02:30

Tgt Ion: 96 Resp: 1495
Ion Ratio Lower Upper
96 100
61 164.5 104.0 193.2
98 81.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.765 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

Instrument :

MSVOA_V

ClientSampled :

BFCQ2

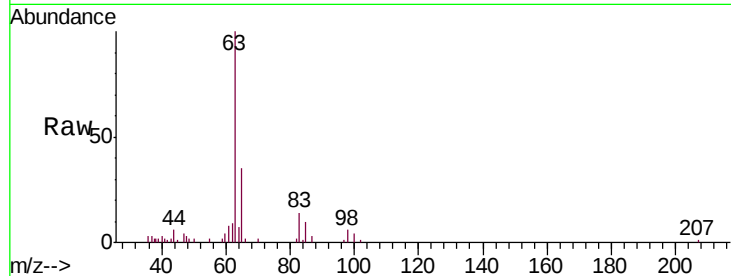
Tgt Ion: 63 Resp: 17477

Ion Ratio Lower Upper

63 100

65 34.9 22.1 41.1

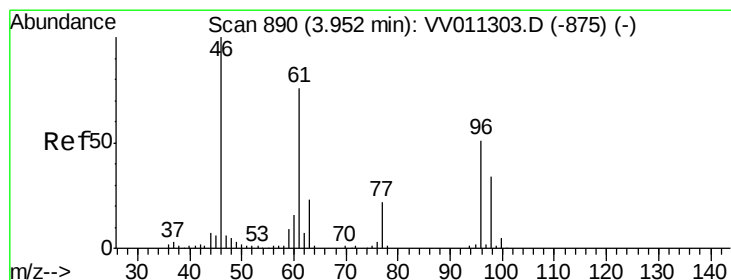
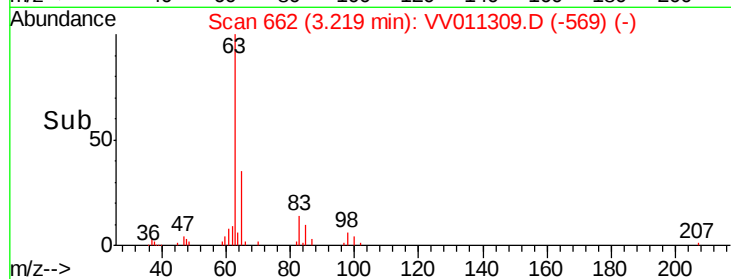
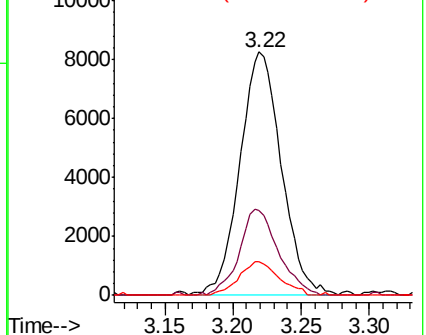
83 13.9 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 10.434 ug/L

RT: 3.95 min Scan# 890

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

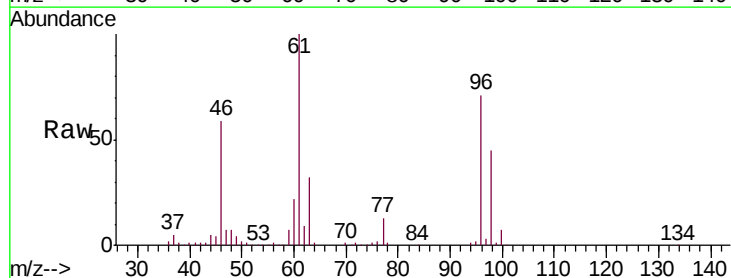
Tgt Ion: 96 Resp: 133851

Ion Ratio Lower Upper

96 100

61 140.3 100.8 187.2

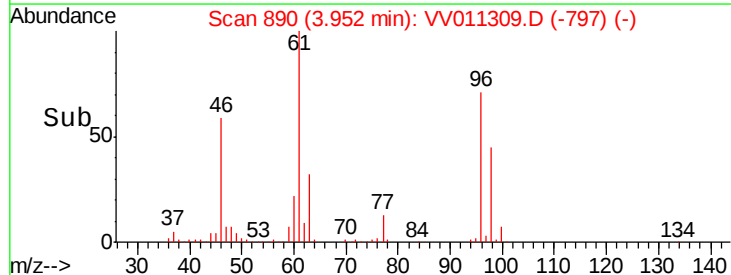
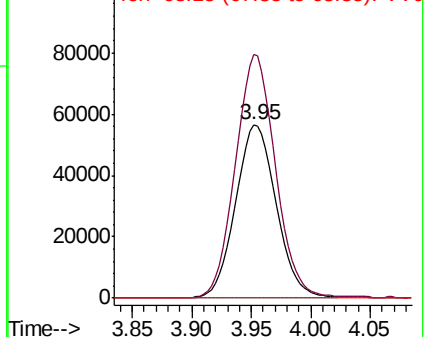
68 0.0 0.0 0.0

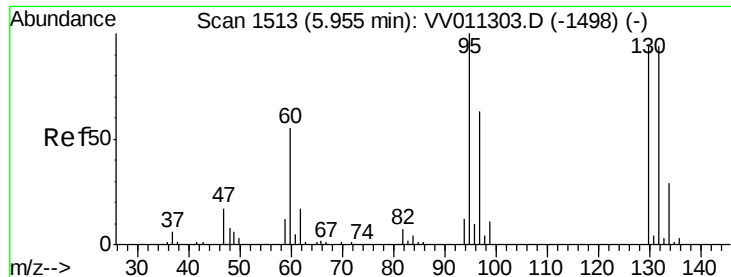


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

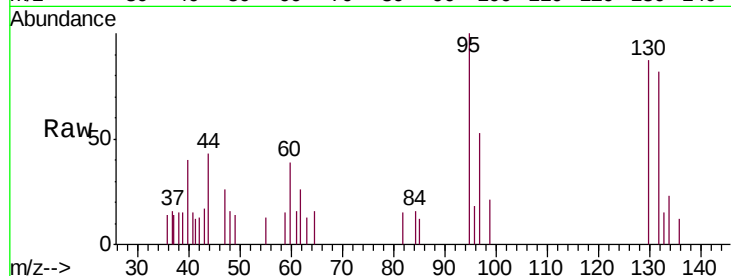




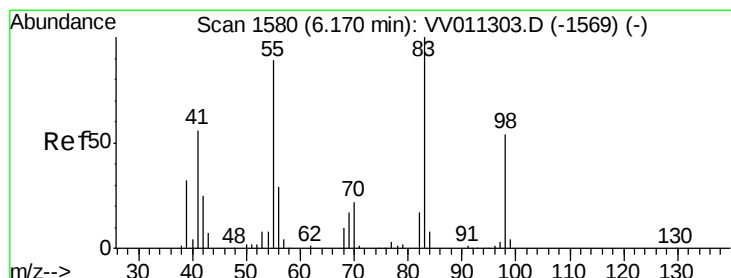
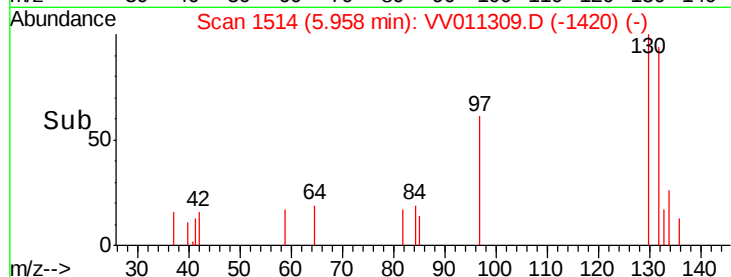
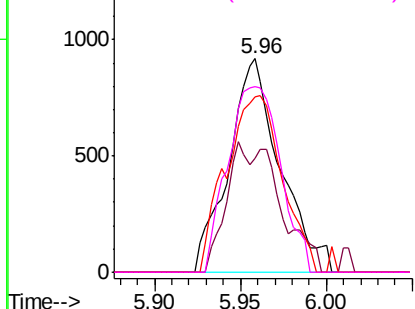
#34
 Trichloroethene
 Concen: 0.155 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

Instrument :
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 ClientSampleId :
 BFCQ2

Tgt Ion: 95 Resp: 1914
 Ion Ratio Lower Upper
 95 100
 97 53.2 45.8 85.2
 132 82.2 66.4 123.2
 130 87.1 68.3 126.8

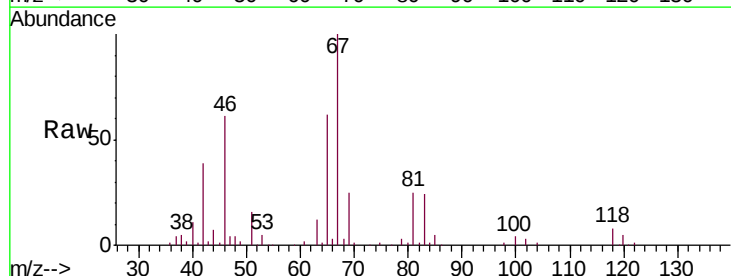


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

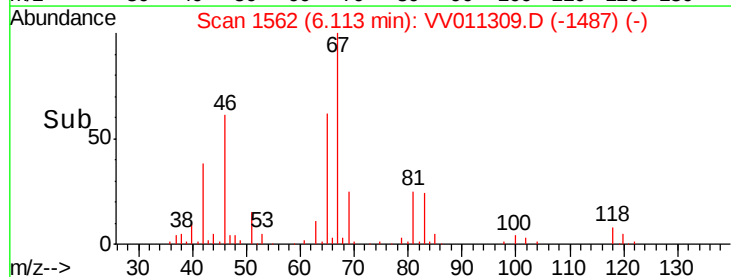
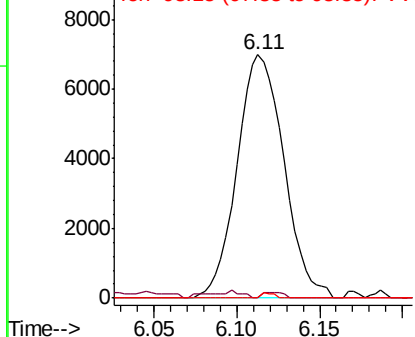


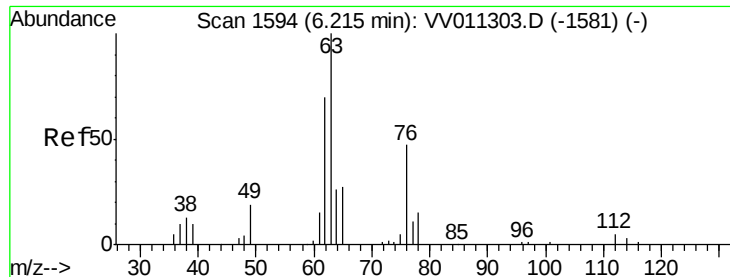
#35
 Methylcyclohexane
 Concen: 0.673 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

Tgt Ion: 83 Resp: 13738
 Ion Ratio Lower Upper
 83 100
 55 1.1 67.0 100.6#
 98 0.6 40.0 60.0#



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

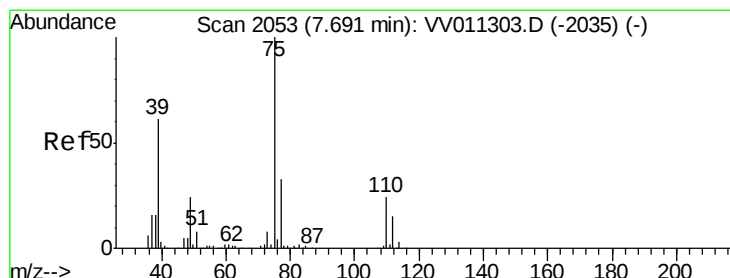
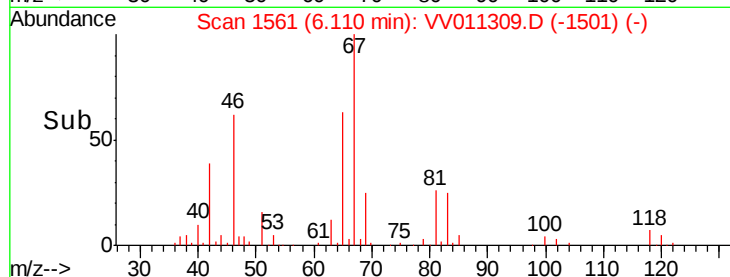
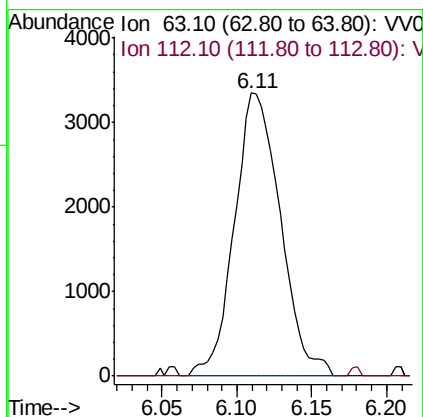
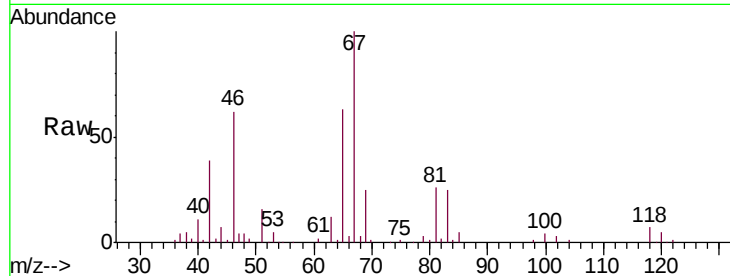




#37
 1,2-Dichloropropane
 Concen: 0.604 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

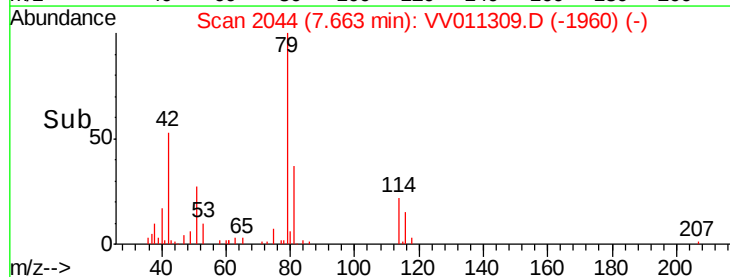
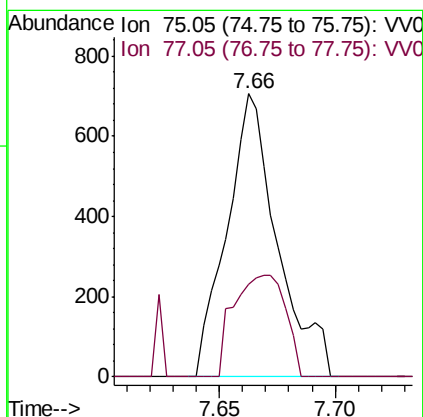
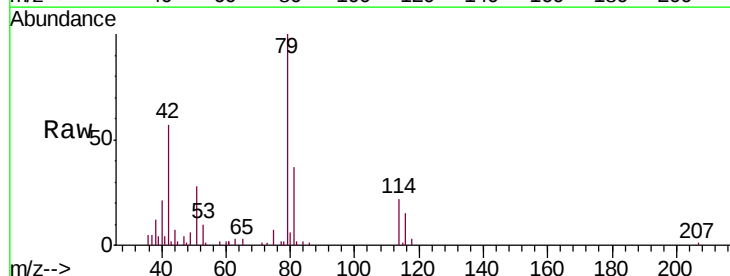
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 BFCQ2

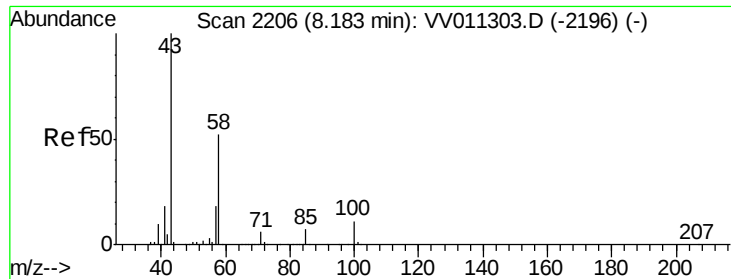
Tgt Ion: 63 Resp: 7178
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011309.D
 Acq: 08 Jun 2019 02:30

Tgt Ion: 75 Resp: 1069
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.1 42.9





#48

2-Hexanone

Concen: 3.155 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011309.D

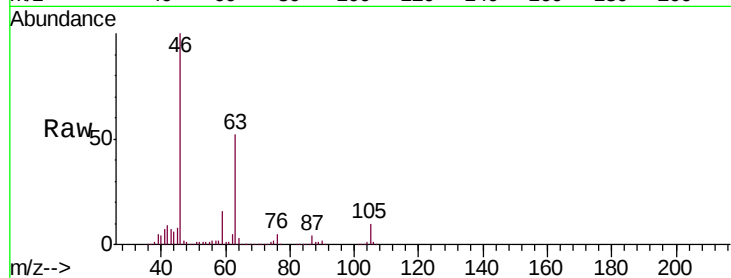
Acq: 08 Jun 2019 02:30

Instrument :

MSVOA_V

ClientSampleId :

BFCQ2



Tgt Ion:	43	Resp:	16660
Ion	Ratio	Lower	Upper
43	100		
58	24.7	41.4	62.0#
57	21.9	15.0	22.4
100	0.1	9.0	13.4#

