

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
 Data File : VV006438.D
 Acq On : 25 Jun 2018 19:22
 Operator : SY/MD
 Sample : J3673-07 40X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA2

Quant Time: Jun 26 06:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	322012	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	290956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127879	5.00	ug/L	0.00

System Monitoring Compounds

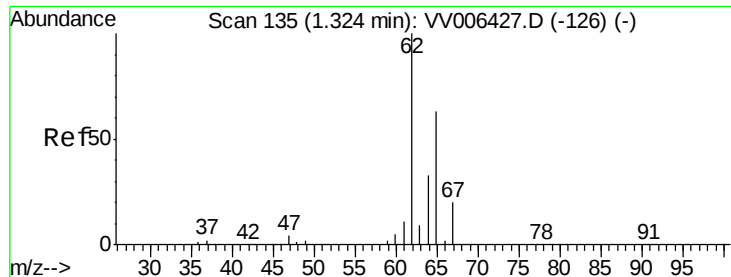
4) Vinyl Chloride-d3	1.32	65	94162	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	74665	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	138880	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.98	46	194136	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	4.41	84	158269	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	79091	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.11	84	350444	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	104807	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.37	98	319453	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	34358	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.14	63	148512	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62552	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	111663	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	24861	0.946 ug/L	94
12) 1,1-Dichloroethene	2.14	96	27122	1.393 ug/L #	28
22) cis-1,2-Dichloroethene	3.97	96	509352	21.726 ug/L	99
34) Trichloroethene	5.97	95	10410516	423.521 ug/L	97
35) Methylcyclohexane	6.12	83	25639	0.717 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10917	0.520 ug/L #	85
47) Tetrachloroethene	8.02	164	22005	1.185 ug/L	98
48) 2-Hexanone	8.19	43	21528	2.929 ug/L #	78
49) Dibromochloromethane	8.02	129	18306	1.184 ug/L #	11

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

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Acq On : 25 Jun 2018 19:22
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Sample : J3673-07 40X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1



#5

Vinyl chloride

Concen: 0.946 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006438.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_V

ClientSampled :

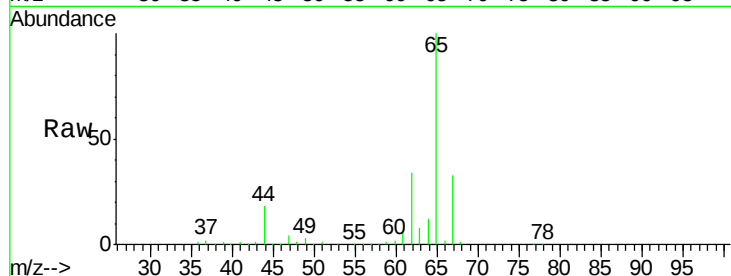
DAZA2

Tgt Ion: 62 Resp: 24861

Ion Ratio Lower Upper

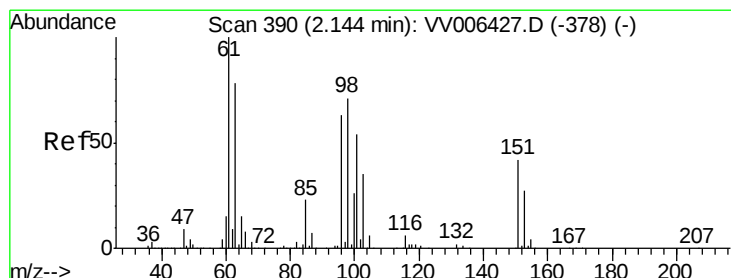
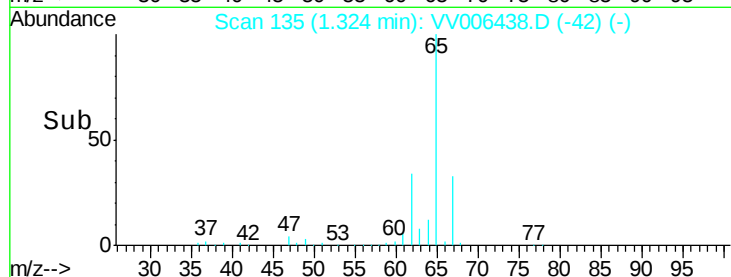
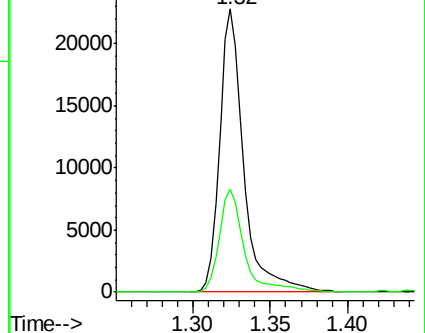
62 100

64 36.5 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 1.393 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006438.D

Acq: 25 Jun 2018 19:22

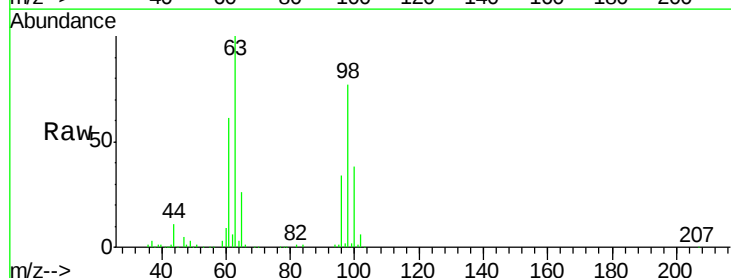
Tgt Ion: 96 Resp: 27122

Ion Ratio Lower Upper

96 100

61 178.3 111.4 207.0

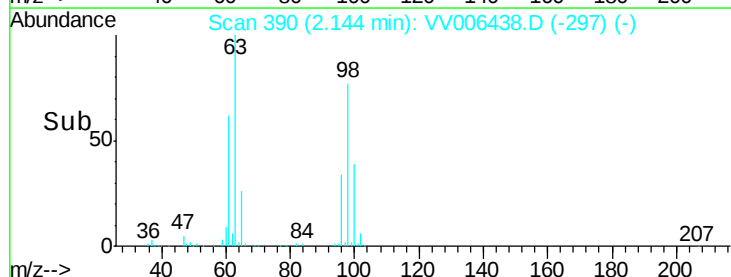
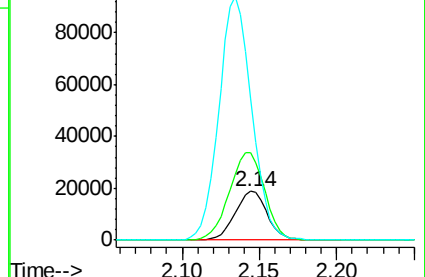
63 290.0 87.4 162.2#

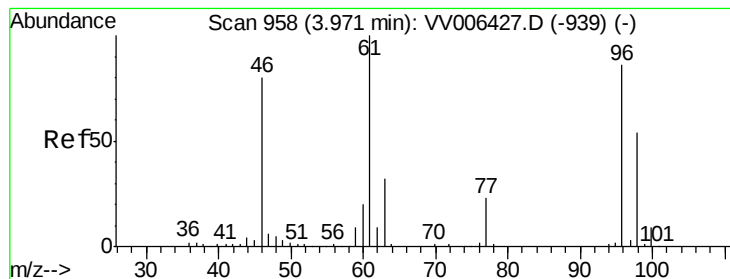


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



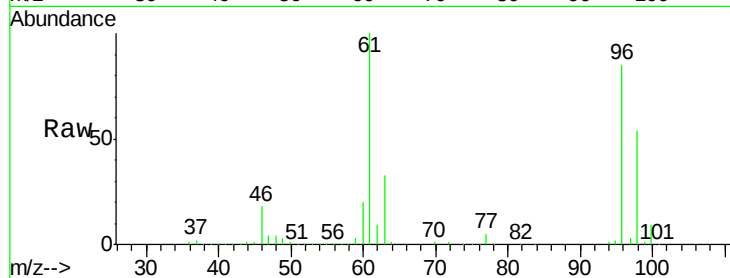


#22

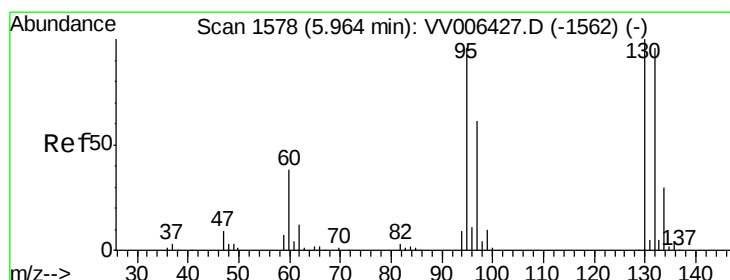
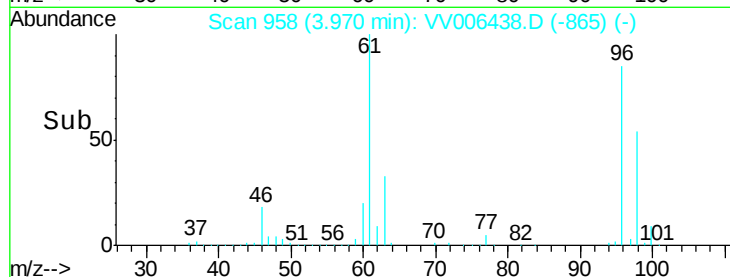
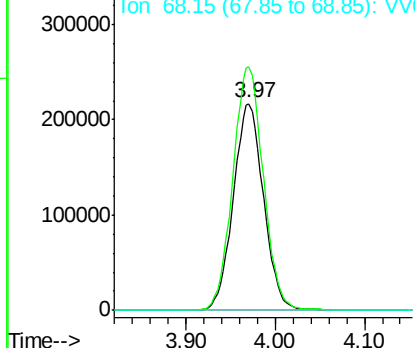
cis-1,2-Dichloroethene
Concen: 21.726 ug/L
RT: 3.97 min Scan# 958
Delta R.T. -0.00 min
Lab File: VV006438.D
Acq: 25 Jun 2018 19:22

Instrument :
MSVOA_V
ClientSampleId :
DAZA2

Tgt Ion: 96 Resp: 509352
Ion Ratio Lower Upper
96 100
61 117.6 81.8 151.8
68 0.0 0.0 0.0



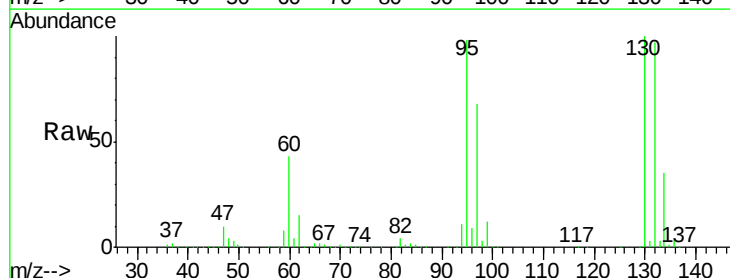
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



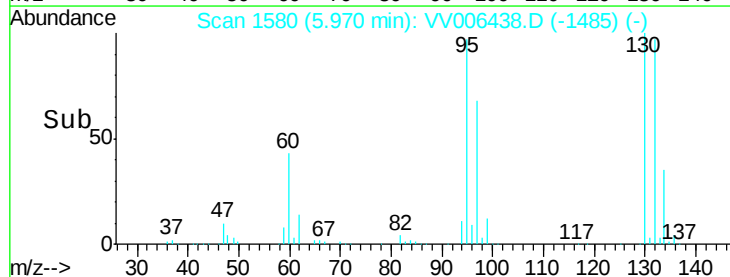
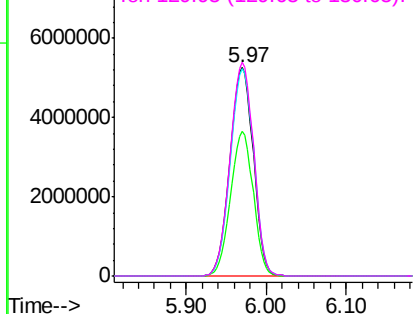
#34

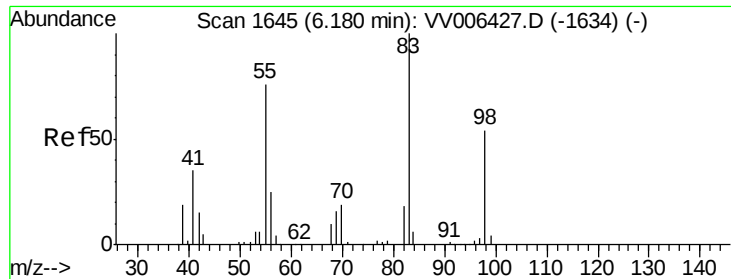
Trichloroethene
Concen: 423.521 ug/L
RT: 5.97 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VV006438.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 95 Resp:10410516
Ion Ratio Lower Upper
95 100
97 69.5 44.6 82.8
132 99.5 70.1 130.1
130 102.5 73.3 136.1



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

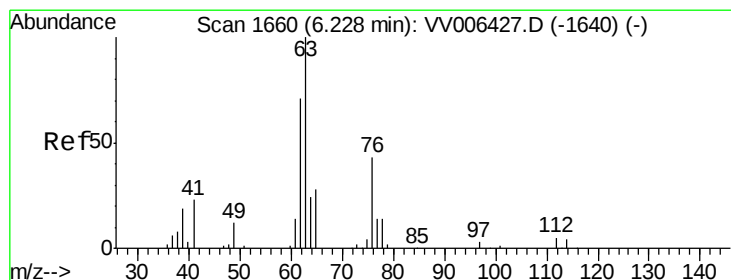
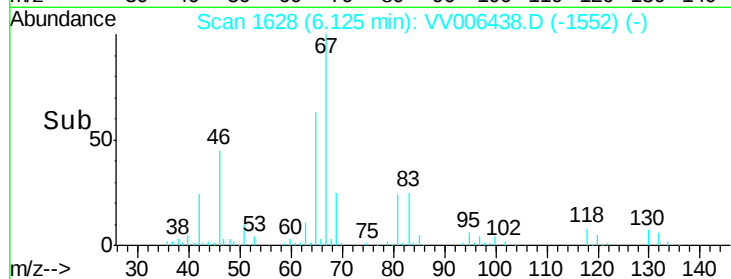
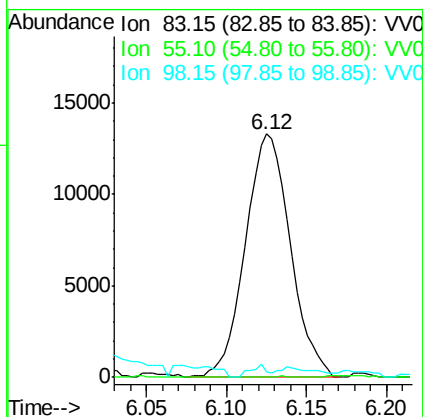
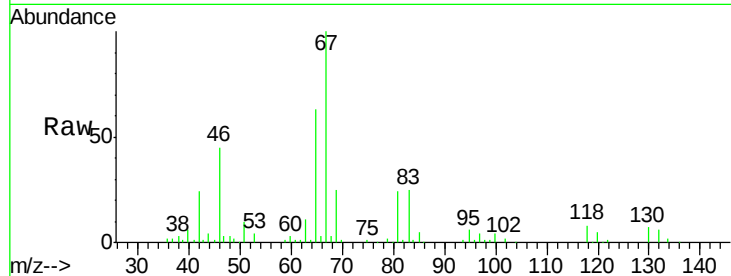




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006438.D
Acq: 25 Jun 2018 19:22

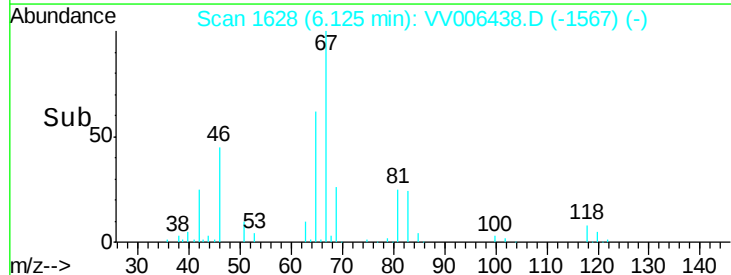
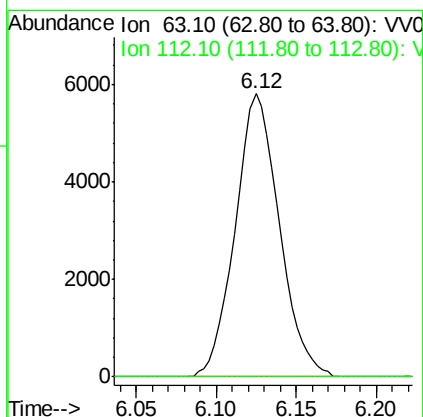
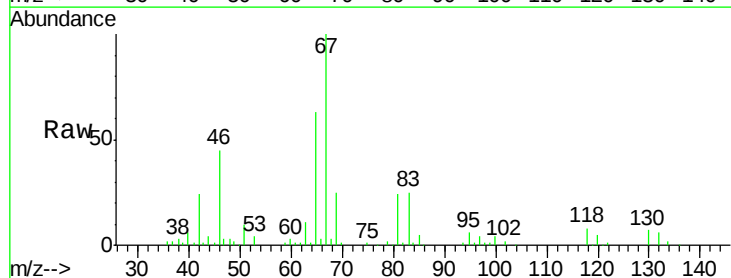
Instrument :
MSVOA_V
ClientSampleId :
DAZA2

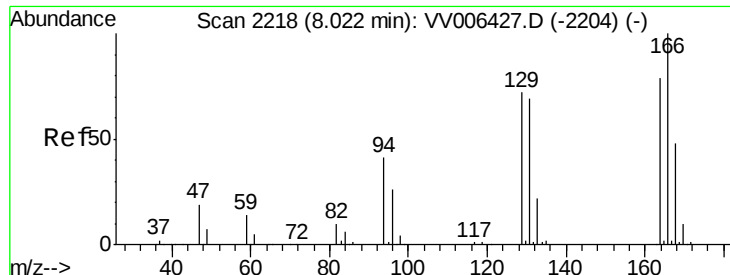
Tgt Ion: 83 Resp: 25639
Ion Ratio Lower Upper
83 100
55 0.1 57.5 86.3#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006438.D
Acq: 25 Jun 2018 19:22

Tgt Ion: 63 Resp: 10917
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#47

Tetrachloroethene

Concen: 1.185 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006438.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_V

ClientSampleId :

DAZA2

Tgt Ion:164 Resp: 22005

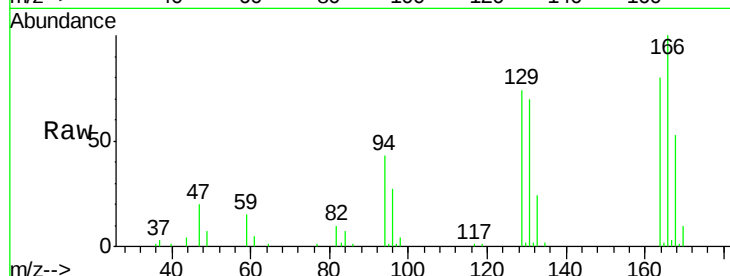
Ion Ratio Lower Upper

164 100

129 92.2 64.0 118.8

131 87.1 61.7 114.5

166 124.4 89.0 165.2

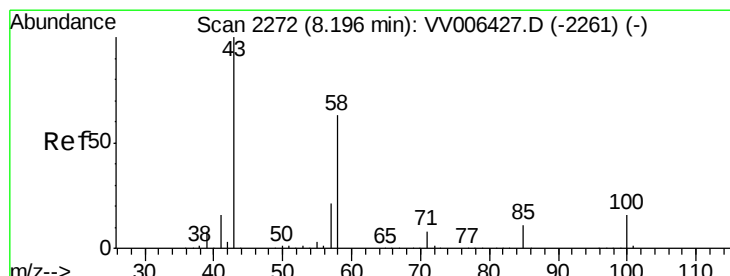
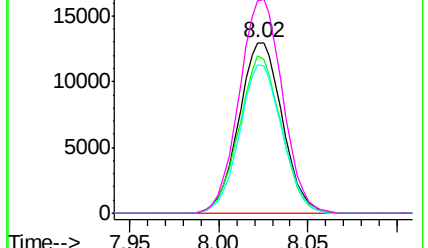
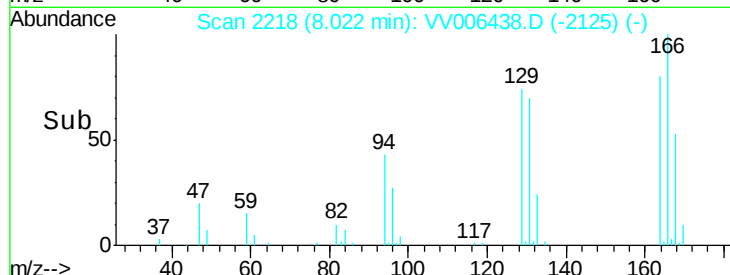


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.929 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006438.D

Acq: 25 Jun 2018 19:22

Tgt Ion: 43 Resp: 21528

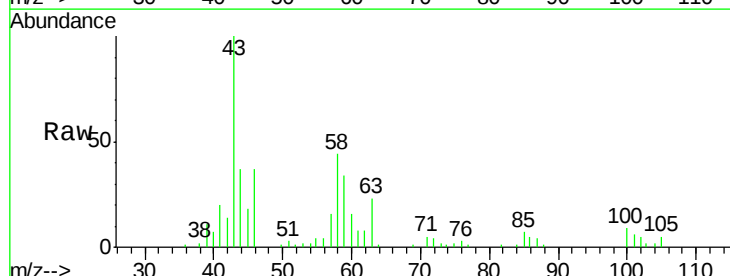
Ion Ratio Lower Upper

43 100

58 42.6 49.9 74.9#

57 14.9 17.3 25.9#

100 8.5 12.5 18.7#

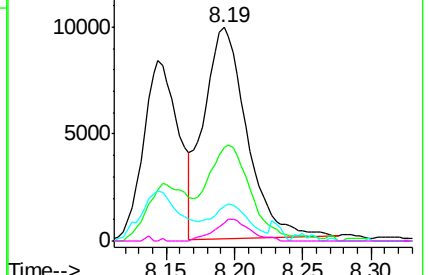
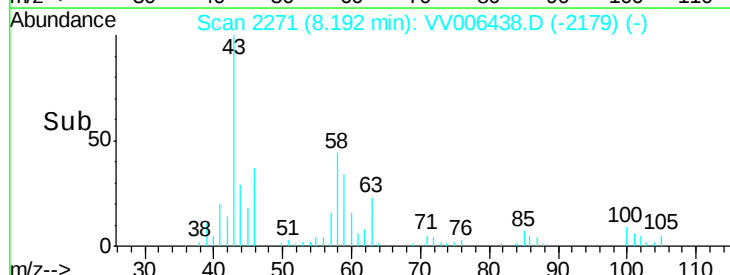


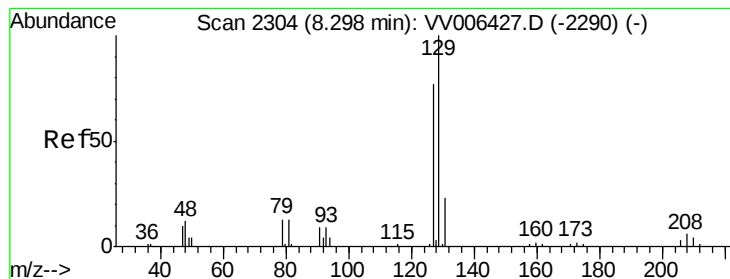
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 1.184 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006438.D

Acq: 25 Jun 2018 19:22

Instrument :

MSVOA_V

ClientSampleId :

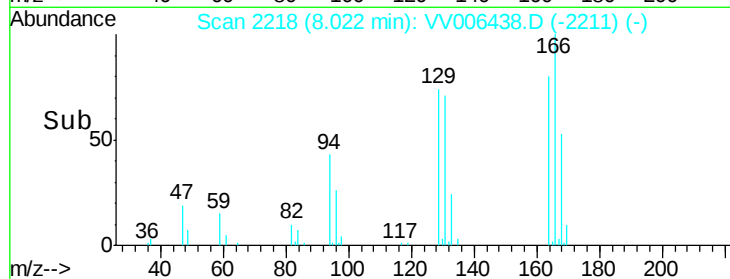
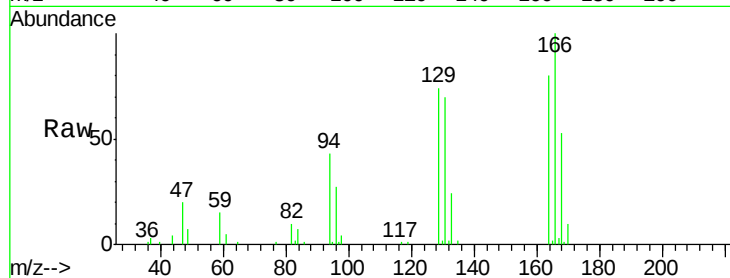
DAZA2

Tgt Ion:129 Resp: 18306

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

