

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015728.D
 Acq On : 27 Apr 2020 14:49
 Operator : SY/MD
 Sample : L2370-15DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130486	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26402	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.58	69	28655	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	44837	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.91	46	113300	51.75	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.50%
24) Chloroform-d	4.38	84	75114	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	45207	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	141476	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	47083	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.34	98	127861	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.64	79	14707	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.11	63	82177	44.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34147	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51140	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	51179	4.956	ug/L 98
8) Chloroethane	1.69	64	758	0.112	ug/L # 54
12) 1,1-Dichloroethene	2.13	96	578	0.076	ug/L # 1
16) Methylene chloride	2.52	84	2243	0.239	ug/L 92
18) trans-1,2-Dichloroethene	2.78	96	957	0.113	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	95730	10.182	ug/L 95
25) Chloroform	4.40	83	4174	0.235	ug/L 91
34) Trichloroethene	5.94	95	1486	0.148	ug/L 87
35) Methylcyclohexane	6.10	83	11312	0.735	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	6136	0.664	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1310	0.102	ug/L # 69
44) trans-1,3-Dichloropropene	7.64	75	787	0.073	ug/L # 77
47) Tetrachloroethene	8.00	164	943	0.131	ug/L 83
48) 2-Hexanone	8.17	43	5855	1.370	ug/L # 90
49) Dibromochloromethane	8.00	129	1190	0.183	ug/L # 12

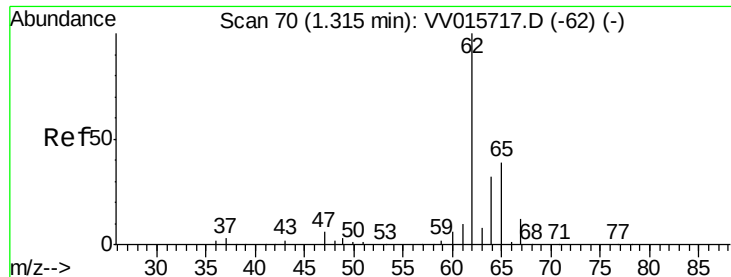
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
Data File : VV015728.D
Acq On : 27 Apr 2020 14:49
Operator : SY/MD
Sample : L2370-15DL 10X
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Instrument :
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Quant Time: Apr 28 02:20:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#5

Vinyl chloride

Concen: 4.956 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

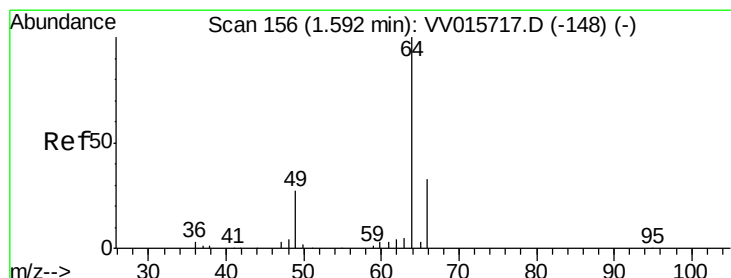
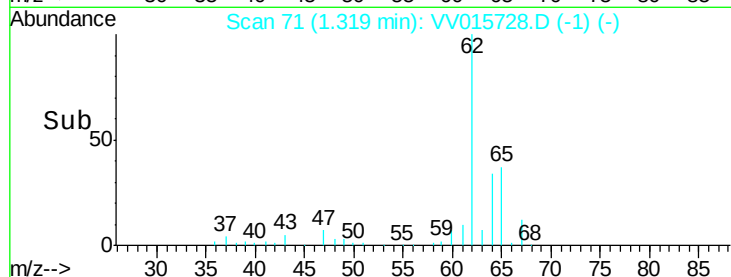
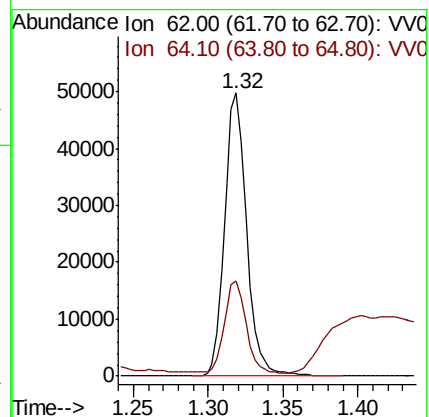
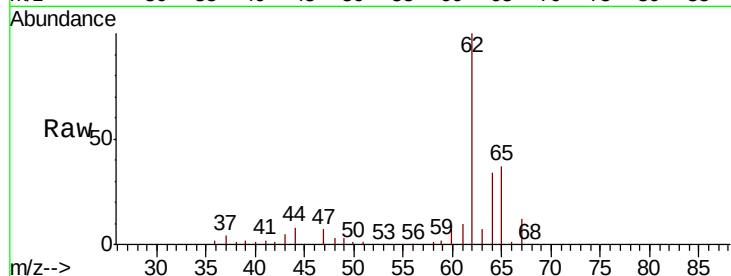
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 51179

Ion Ratio Lower Upper

62 100

64 33.8 22.7 42.1



#8

Chloroethane

Concen: 0.112 ug/L

RT: 1.69 min Scan# 188

Delta R.T. 0.10 min

Lab File: VV015728.D

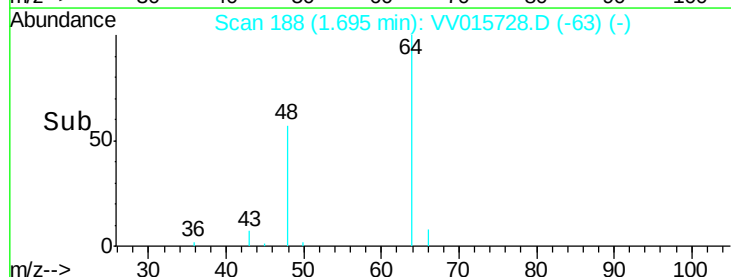
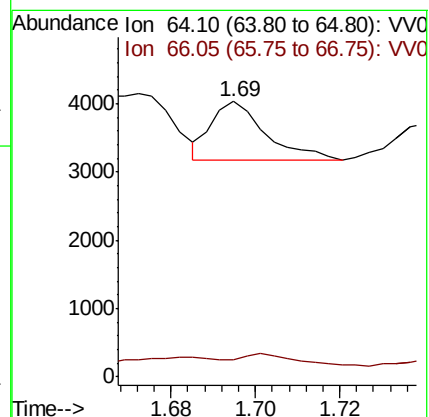
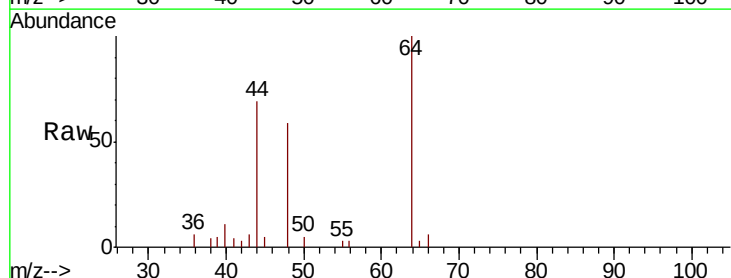
Acq: 27 Apr 2020 14:49

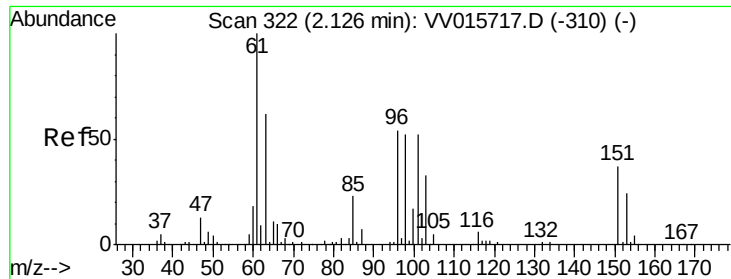
Tgt Ion: 64 Resp: 758

Ion Ratio Lower Upper

64 100

66 6.4 22.3 41.5#

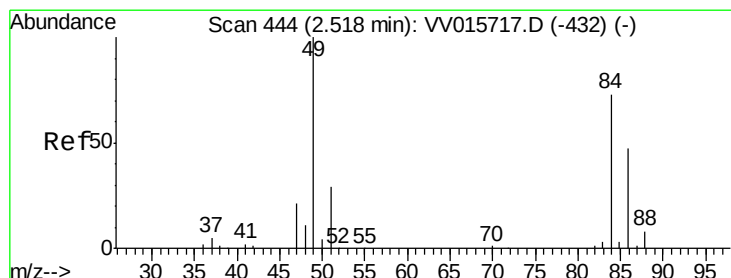
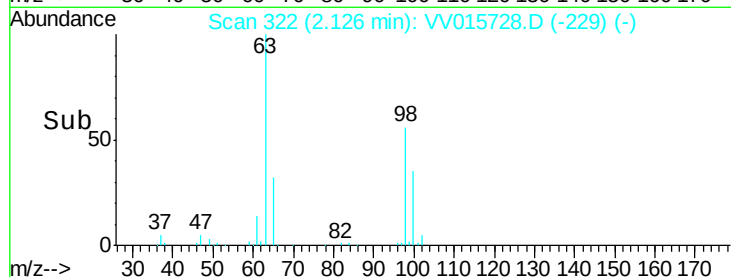
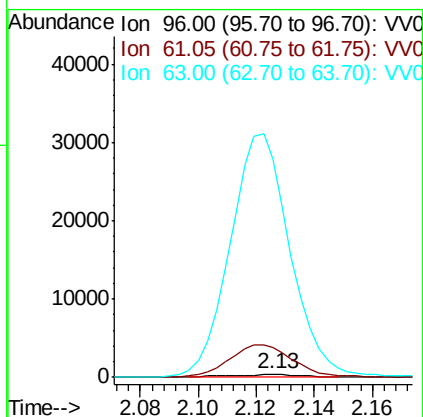
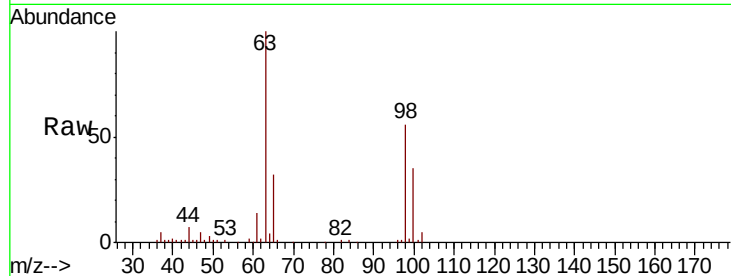




#12
 1,1-Dichloroethene
 Concen: 0.076 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015728.D
 Acq: 27 Apr 2020 14:49

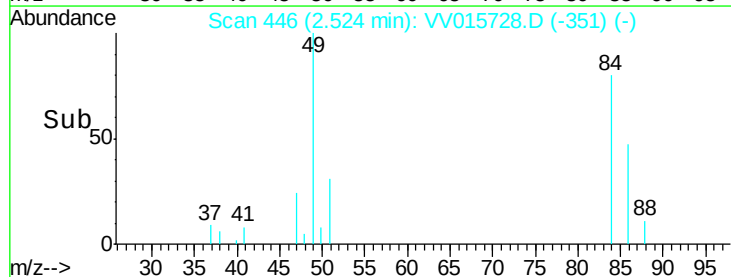
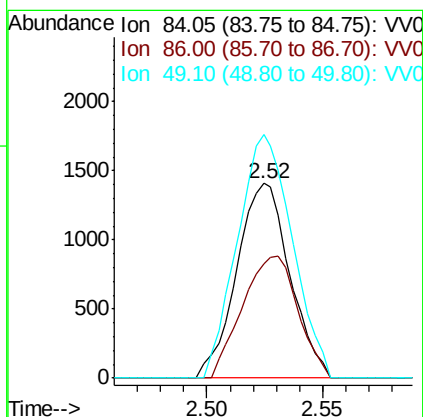
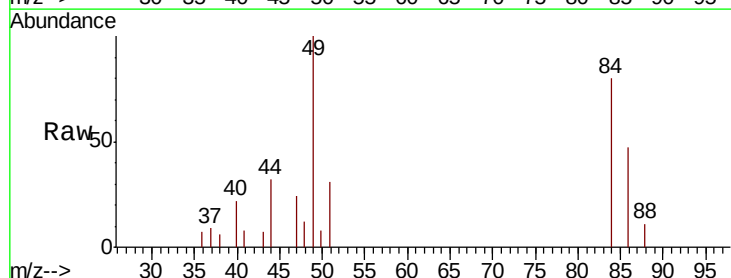
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 ClientSampleId :

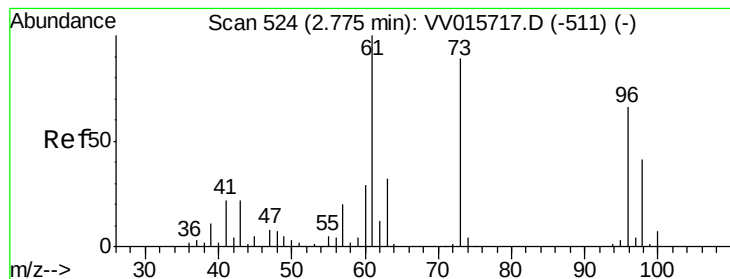
Tot Ion: 96 Resp: 578
 Ion Ratio Lower Upper
 96 100
 61 1000.0 130.1 241.7#
 63 7273.1 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.239 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VV015728.D
 Acq: 27 Apr 2020 14:49

Tgt Ion: 84 Resp: 2243
 Ion Ratio Lower Upper
 84 100
 86 58.6 45.1 83.7
 49 125.1 94.4 175.4





#18

trans-1,2-Dichloroethene

Concen: 0.113 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

Instrument :

MSVOA_V

ClientSampled :

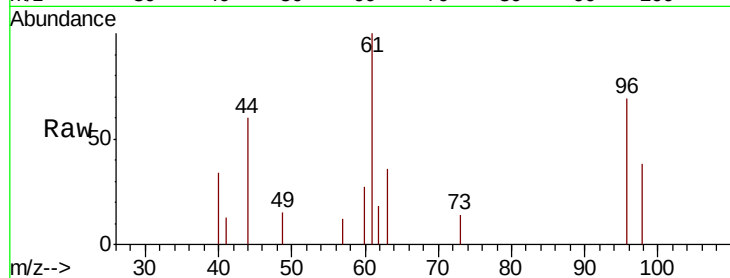
Tot Ion: 96 Resp: 957

Ion Ratio Lower Upper

96 100

61 144.3 105.5 195.9

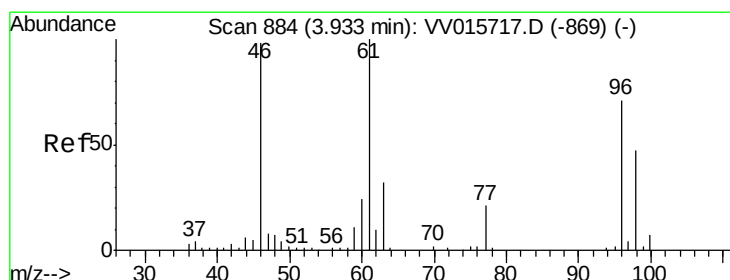
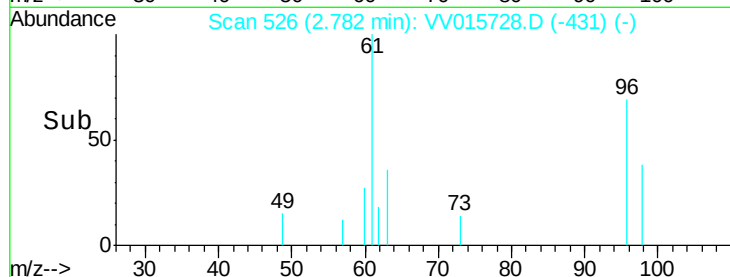
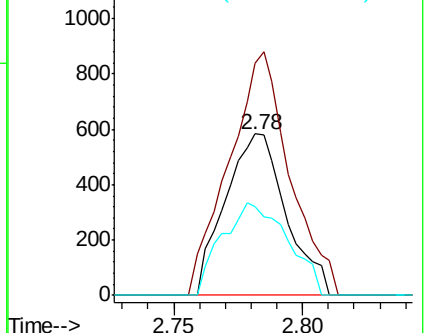
98 55.5 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 10.182 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

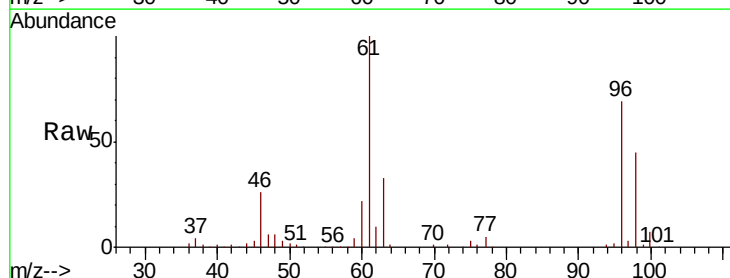
Tgt Ion: 96 Resp: 95730

Ion Ratio Lower Upper

96 100

61 144.3 96.4 179.0

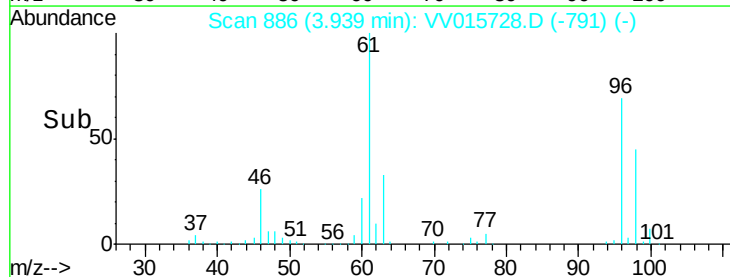
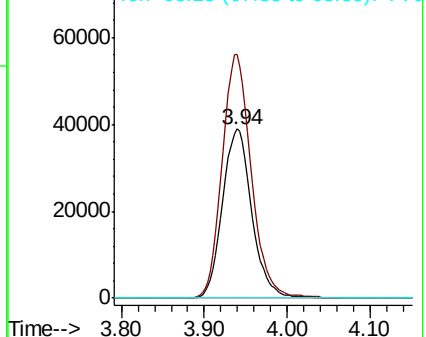
68 0.0 0.0 0.0

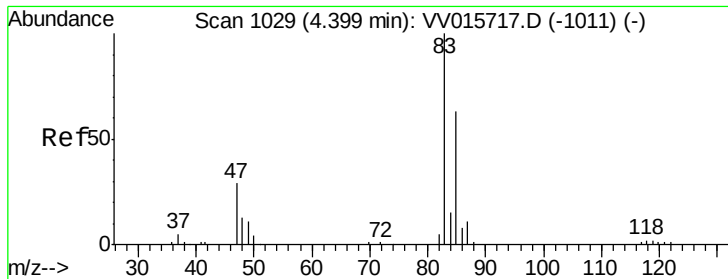


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

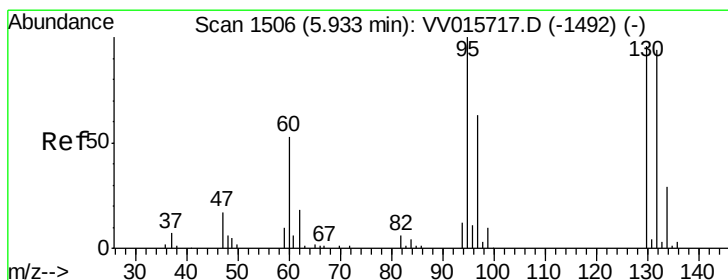
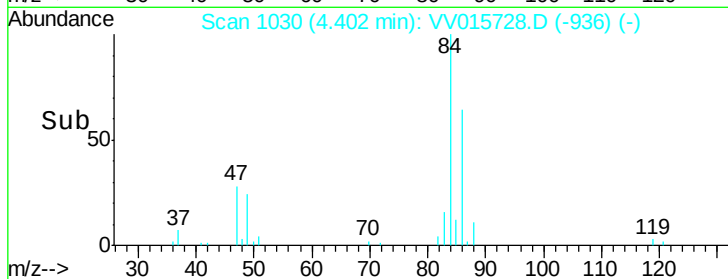
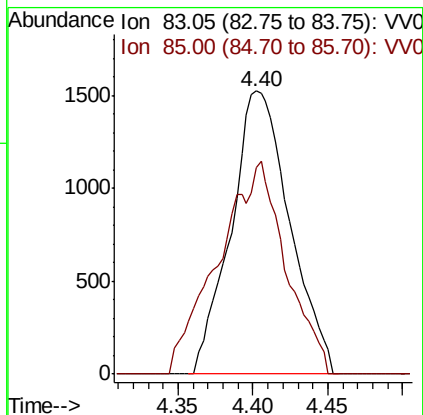
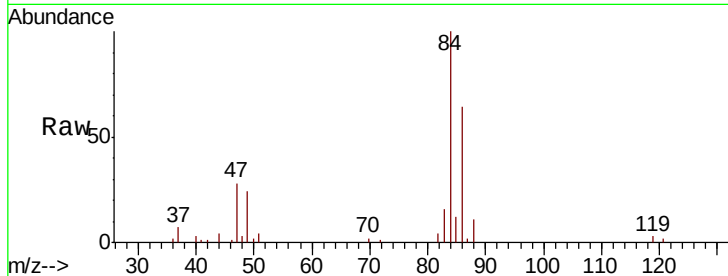




#25
Chloroform
Concen: 0.235 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015728.D
Acq: 27 Apr 2020 14:49

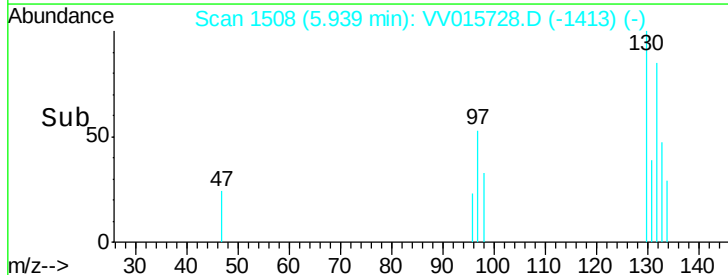
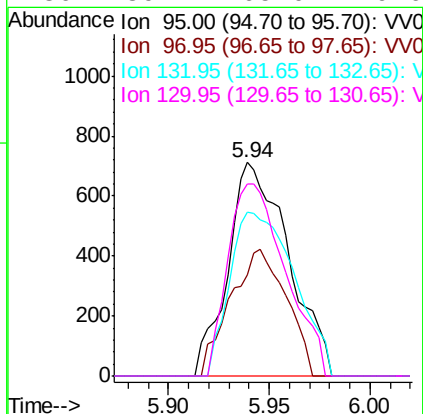
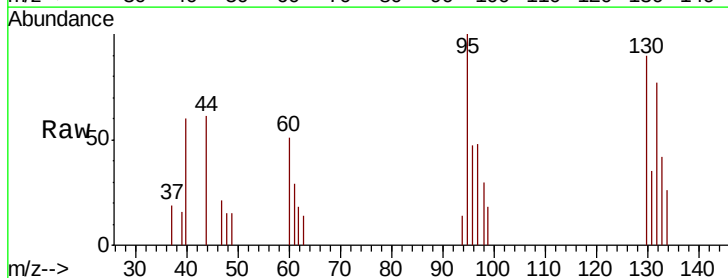
Instrument :
MSVOA_V
ClientSampleId :

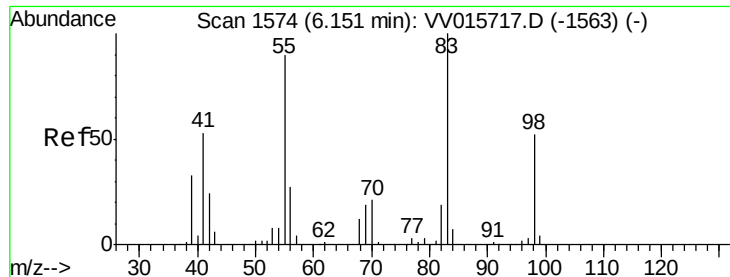
Tot Ion: 83 Resp: 4174
Ion Ratio Lower Upper
83 100
85 72.8 46.1 85.5



#34
Trichloroethene
Concen: 0.148 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015728.D
Acq: 27 Apr 2020 14:49

Tgt Ion: 95 Resp: 1486
Ion Ratio Lower Upper
95 100
97 47.6 44.7 82.9
132 76.7 65.2 121.0
130 89.7 65.0 120.6

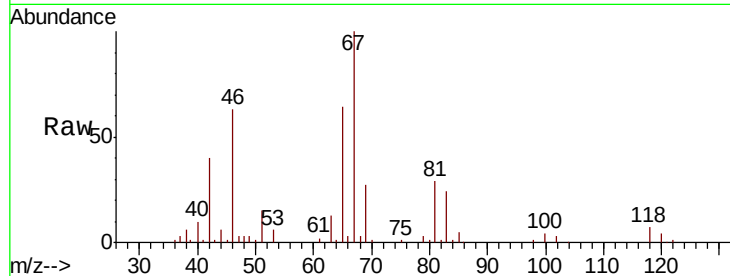




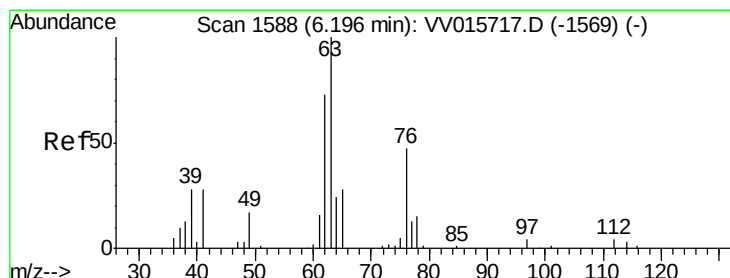
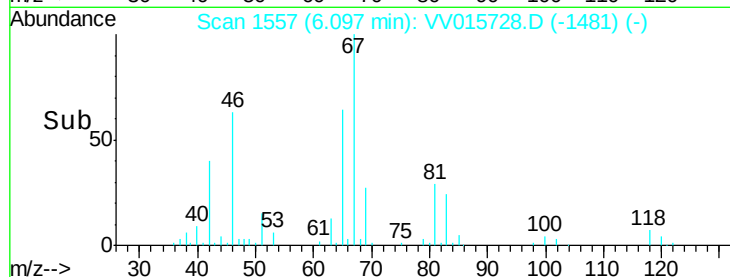
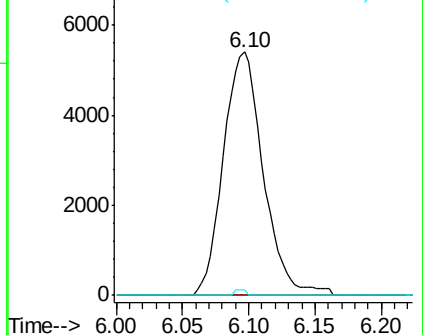
#35
Methylvlcyclohexane
Concen: 0.735 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015728.D
Acq: 27 Apr 2020 14:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11312
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.7 39.5 59.3#

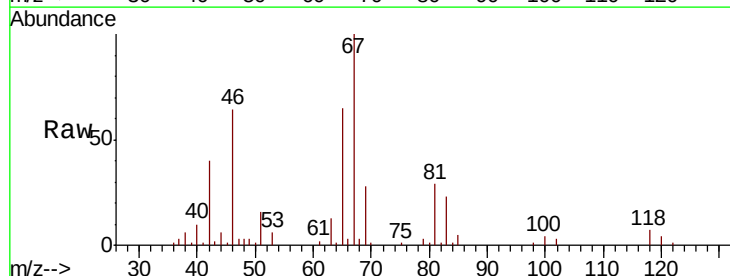


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

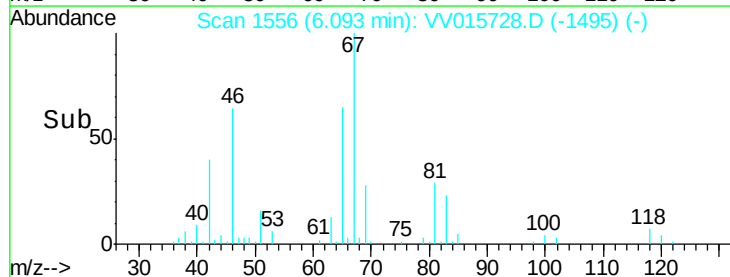
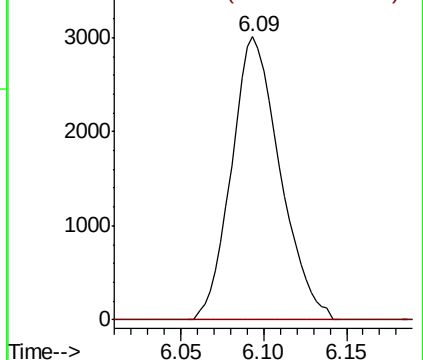


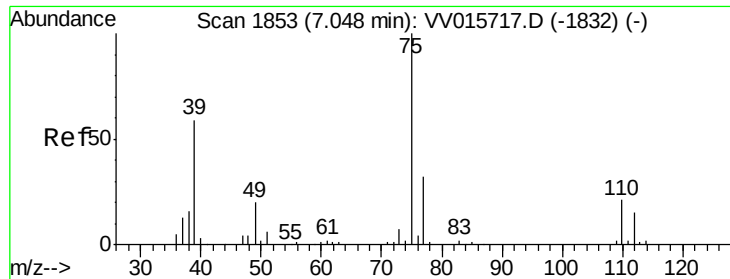
#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015728.D
Acq: 27 Apr 2020 14:49

Tgt Ion: 63 Resp: 6136
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

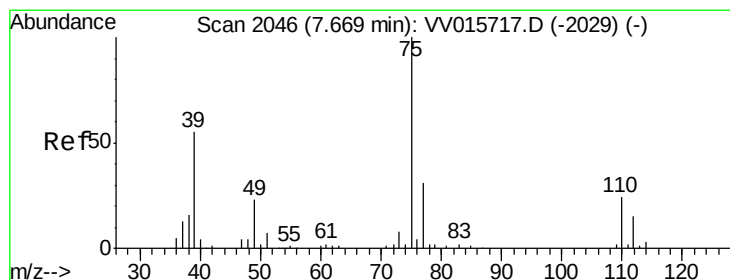
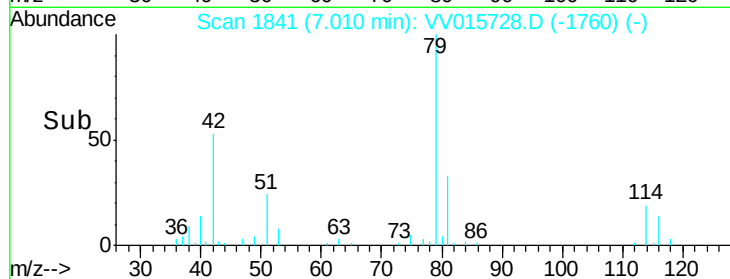
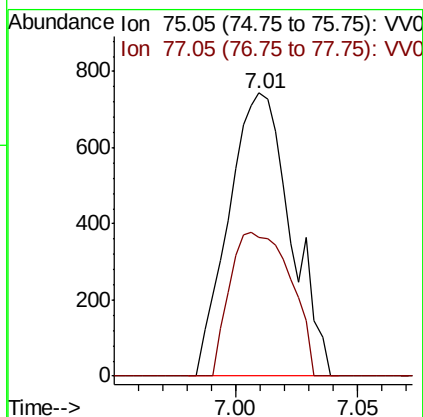
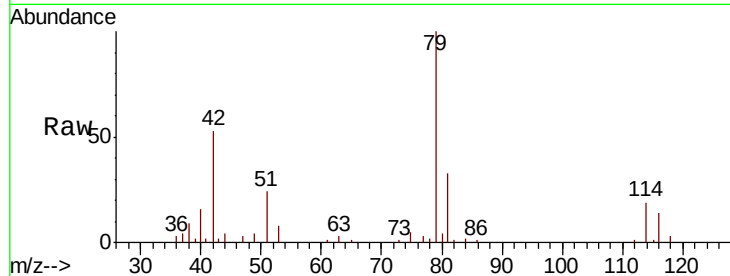




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015728.D
 Acq: 27 Apr 2020 14:49

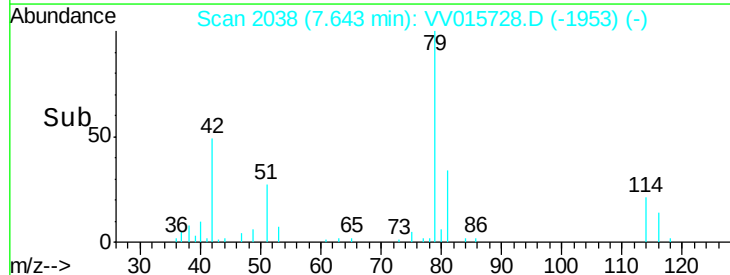
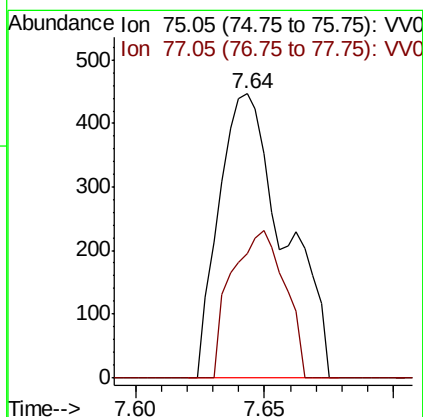
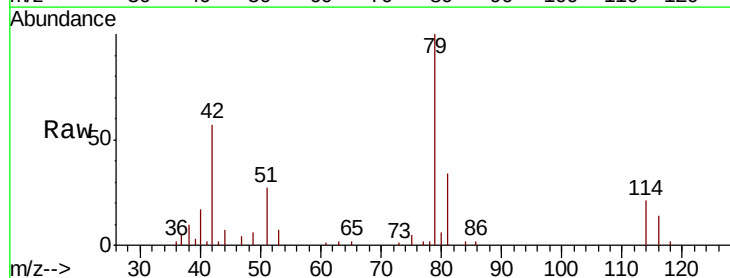
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 MSVOA_V
 ClientSampleId :

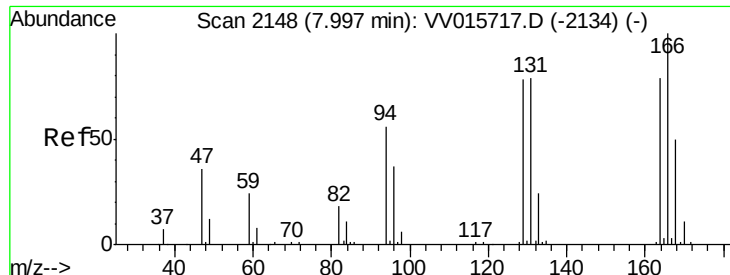
Tot Ion: 75 Resp: 1310
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015728.D
 Acq: 27 Apr 2020 14:49

Tgt Ion: 75 Resp: 787
 Ion Ratio Lower Upper
 75 100
 77 43.6 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.131 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 943

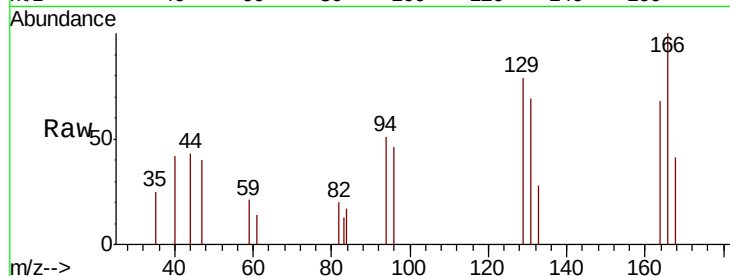
Ion Ratio Lower Upper

164 100

129 115.1 66.7 123.9

131 101.6 66.6 123.6

166 146.6 85.3 158.5

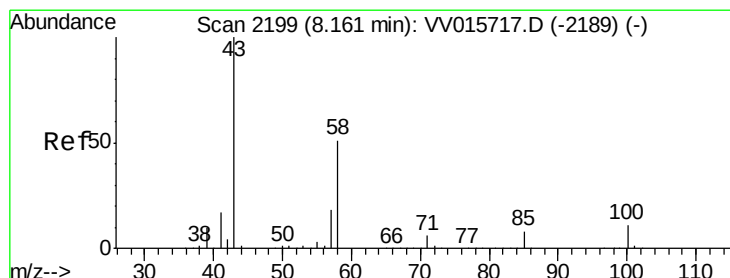
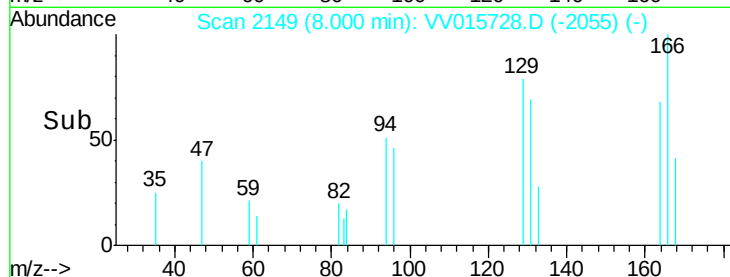
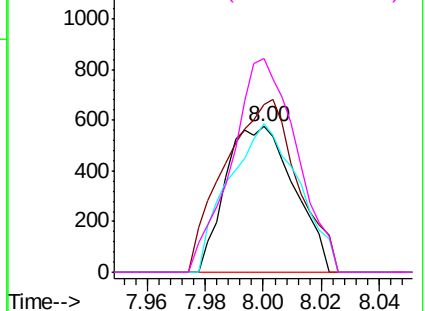


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.370 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

Tgt Ion: 43 Resp: 5855

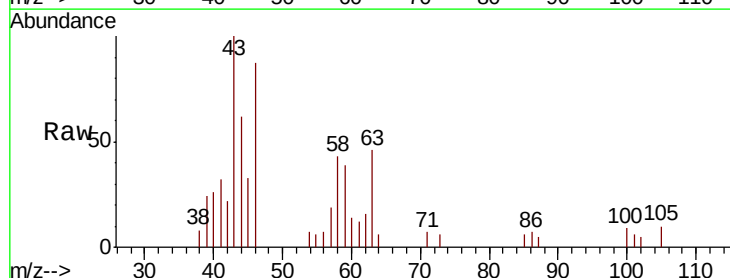
Ion Ratio Lower Upper

43 100

58 47.1 41.1 61.7

57 11.1 15.0 22.4#

100 4.9 9.0 13.4#

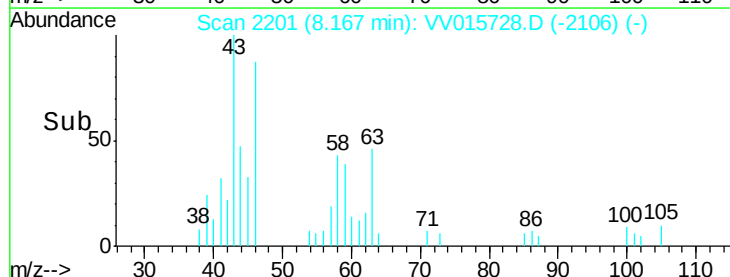
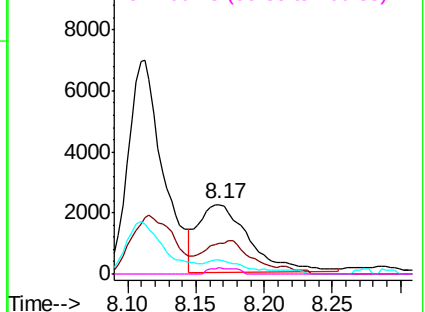


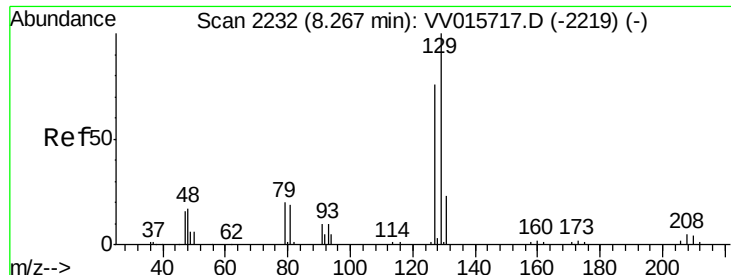
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.183 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV015728.D

Acq: 27 Apr 2020 14:49

Instrument :

MSVOA_V

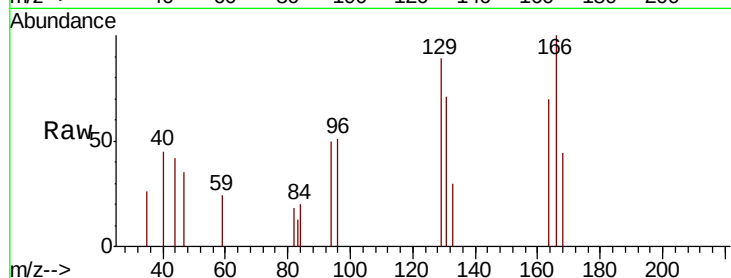
ClientSampleId :

Tot Ion:129 Resp: 1190

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

