

Data File : VV011987.D
Acq On : 24 Jul 2019 01:33
Operator : SY/MD
Sample : K3958-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A09

Quant Time: Jul 24 07:51:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144606	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35337	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.59	69	28656	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	57080	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.94	46	109055	49.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	4.40	84	93861	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	53350	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	190234	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	52820	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	167256	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	19774	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.13	63	86662	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37327	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68213	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

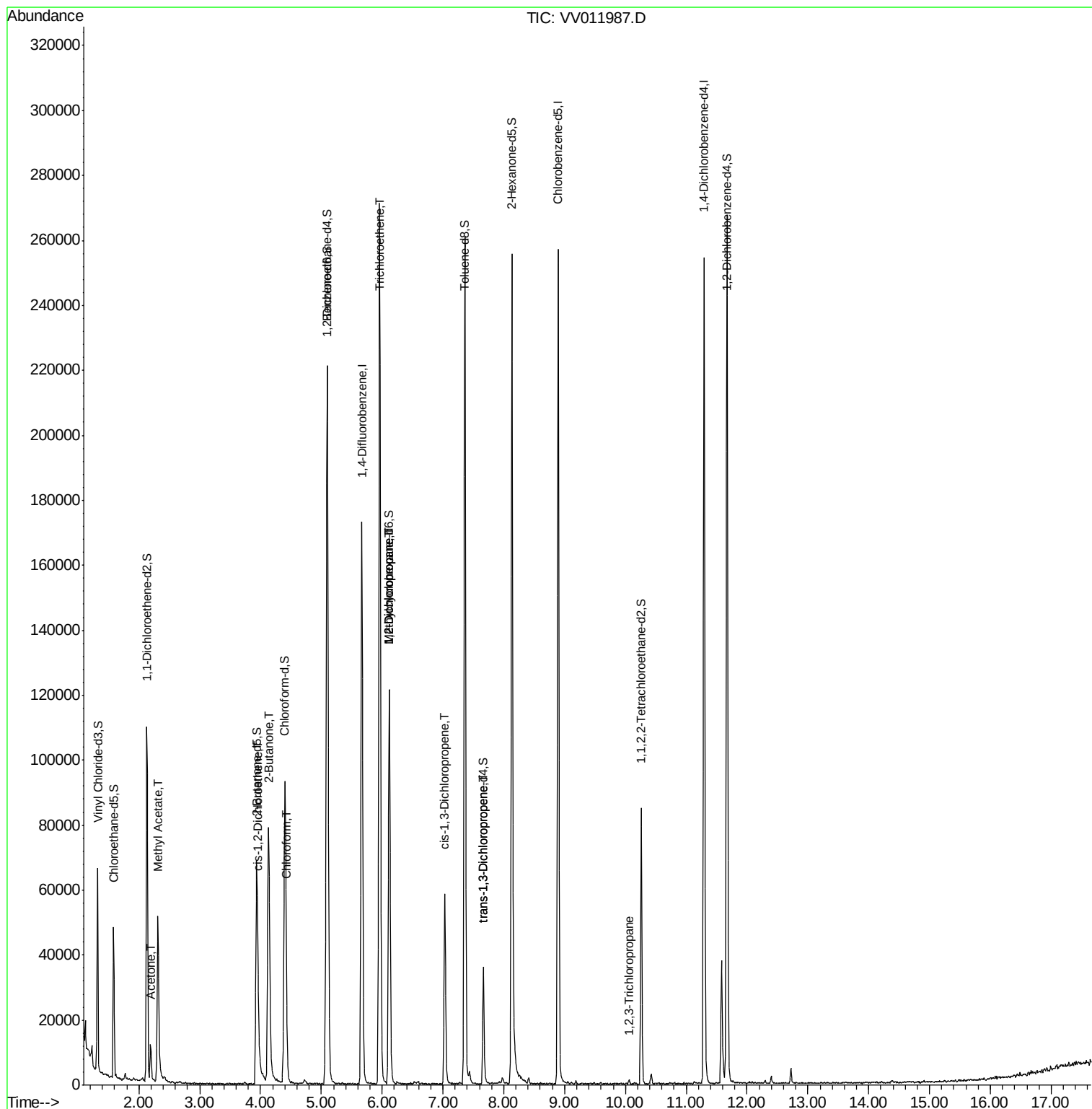
						Qvalue
13) Acetone	2.19	43	11376	9.606	ug/L	95
15) Methyl Acetate	2.31	43	15276	5.909	ug/L #	45
21) 2-Butanone	4.13	43	119793	52.732	ug/L #	48
22) cis-1,2-Dichloroethene	3.96	96	809	0.073	ug/L	76
25) Chloroform	4.43	83	5833	0.267	ug/L	94
34) Trichloroethene	5.96	95	92518	8.303	ug/L	96
35) Methylcyclohexane	6.12	83	14128	0.815	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6894	0.715	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1578	0.110	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1101	0.097	ug/L	93
59) 1,2,3-Trichloropropane	10.06	75	823	0.146	ug/L #	47

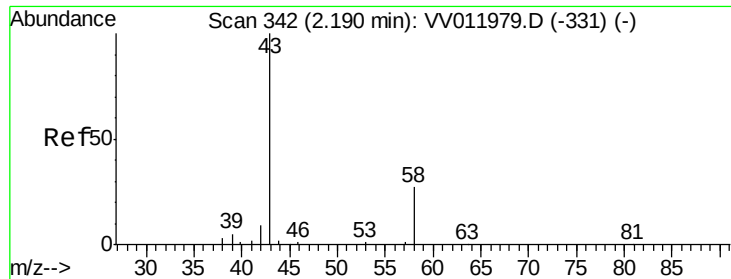
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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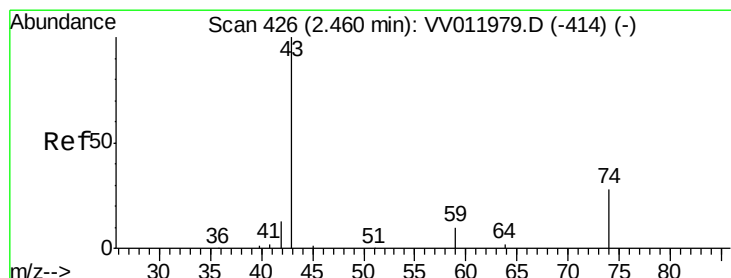
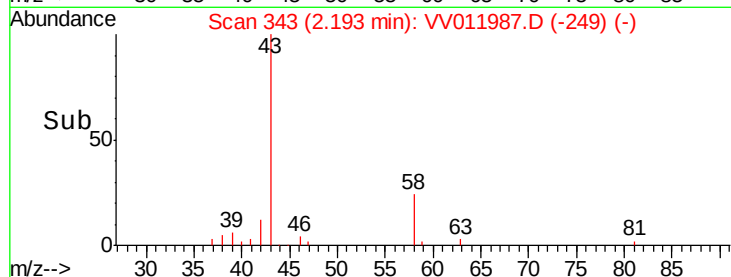
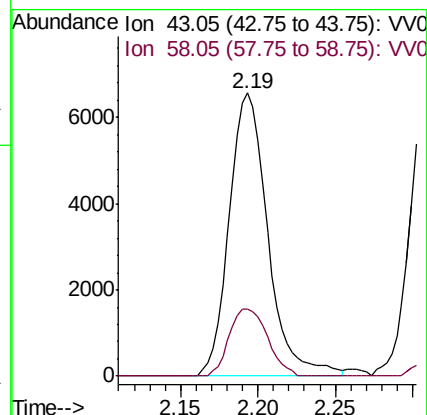
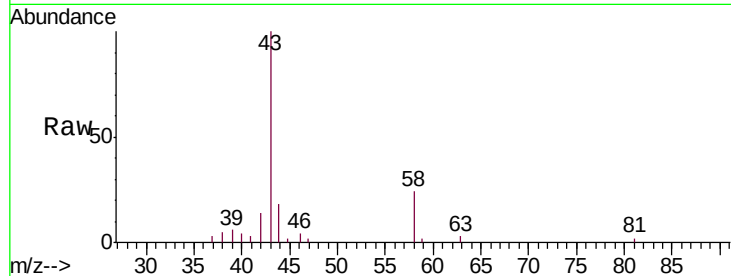




#13
Acetone
Concen: 9.606 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

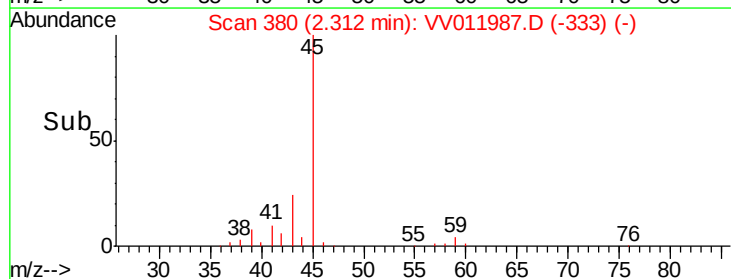
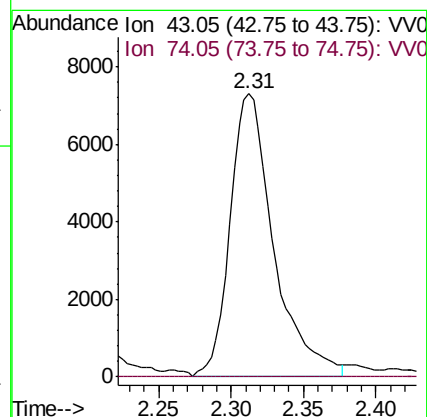
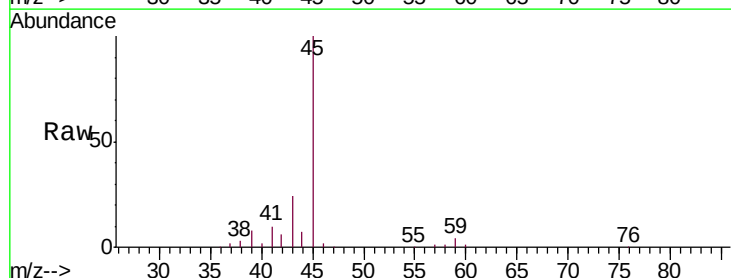
Instrument :
MSVOA_V
ClientSampled :
F2A09

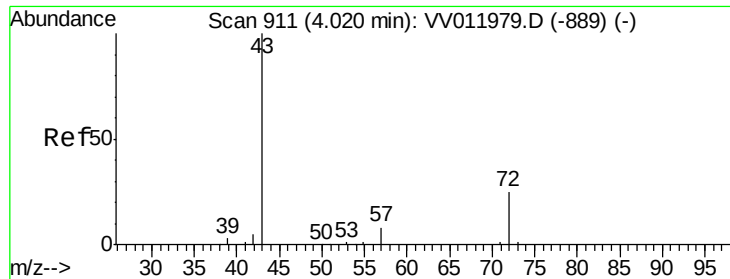
Tgt Ion: 43 Resp: 11376
Ion Ratio Lower Upper
43 100
58 23.6 0.0 51.8



#15
Methyl Acetate
Concen: 5.909 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.15 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

Tgt Ion: 43 Resp: 15276
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.2#





#21

2-Butanone

Concen: 52.732 ug/L

RT: 4.13 min Scan# 945

Delta R.T. 0.11 min

Lab File: VV011987.D

Acq: 24 Jul 2019 01:33

Instrument :

MSVOA_V

ClientSampled :

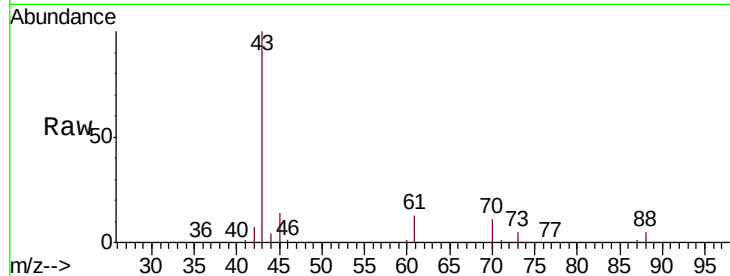
F2A09

Tgt Ion: 43 Resp: 119793

Ion Ratio Lower Upper

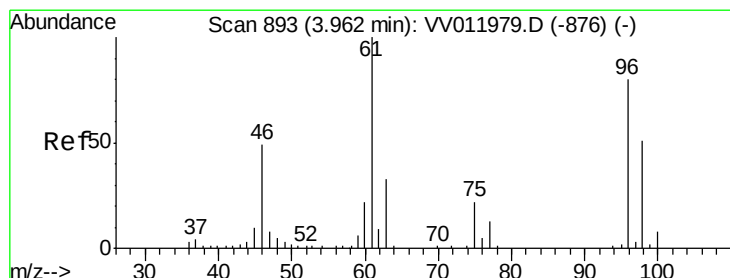
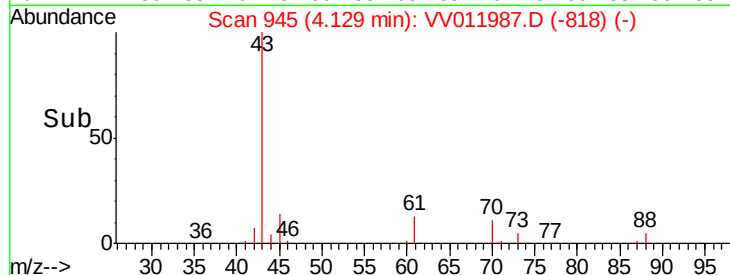
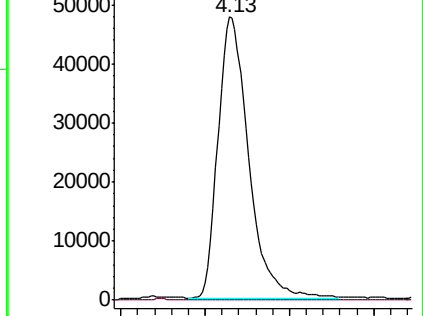
43 100

72 0.1 13.6 40.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.073 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV011987.D

Acq: 24 Jul 2019 01:33

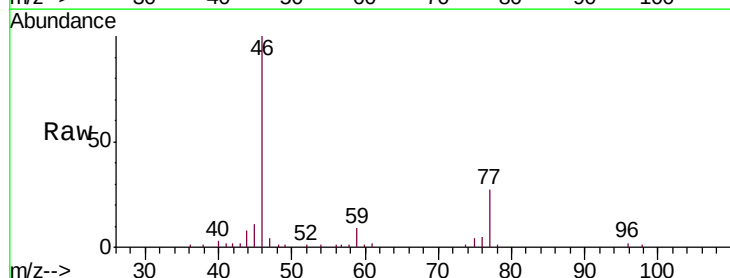
Tgt Ion: 96 Resp: 809

Ion Ratio Lower Upper

96 100

61 99.2 89.0 165.2

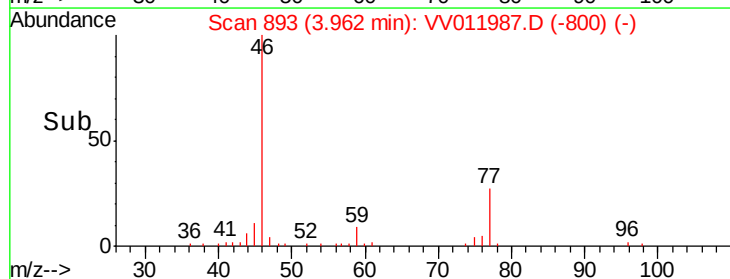
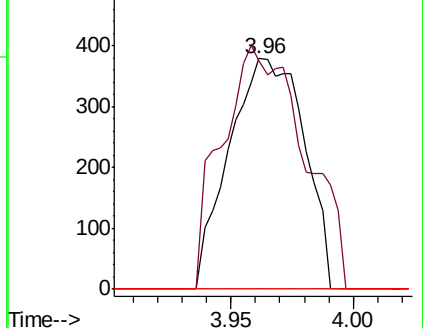
68 0.0 0.0 0.0

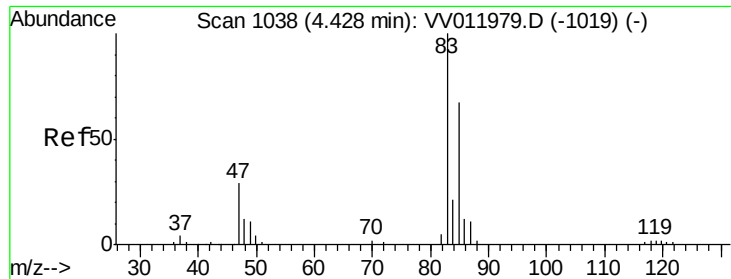


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

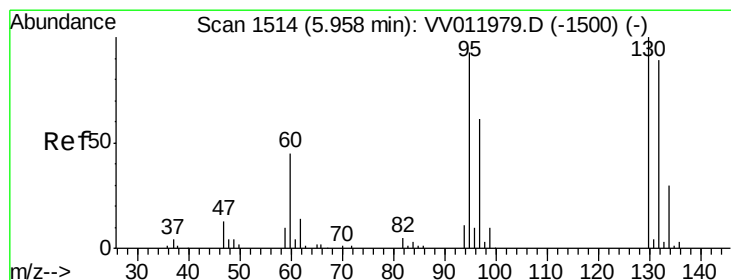
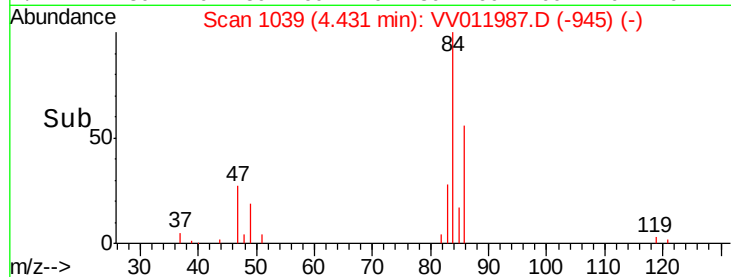
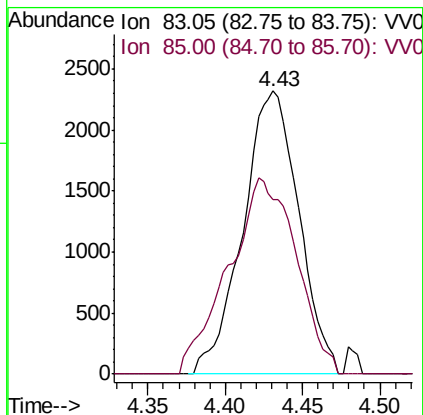
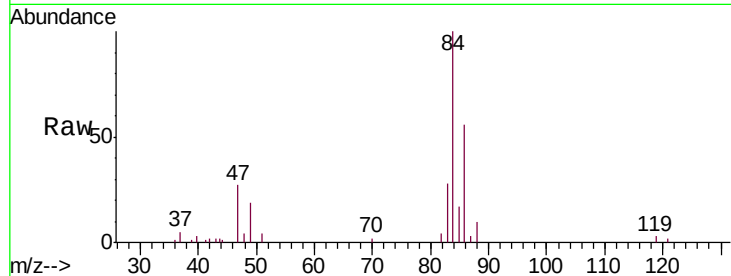




#25
Chloroform
Concen: 0.267 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

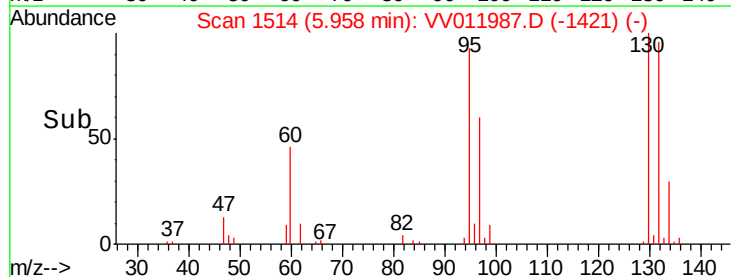
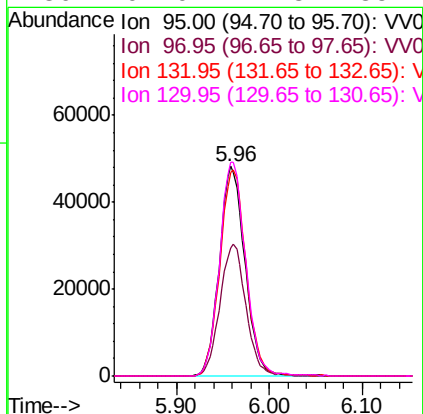
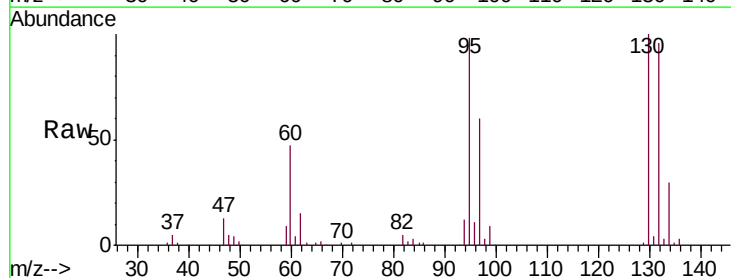
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ClientSampled :
F2A09

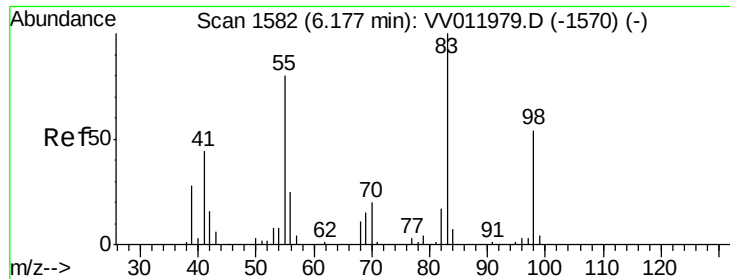
Tgt Ion: 83 Resp: 5833
Ion Ratio Lower Upper
83 100
85 61.7 46.5 86.3



#34
Trichloroethene
Concen: 8.303 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

Tgt Ion: 95 Resp: 92518
Ion Ratio Lower Upper
95 100
97 61.4 45.6 84.6
132 97.4 71.3 132.3
130 102.0 72.8 135.2

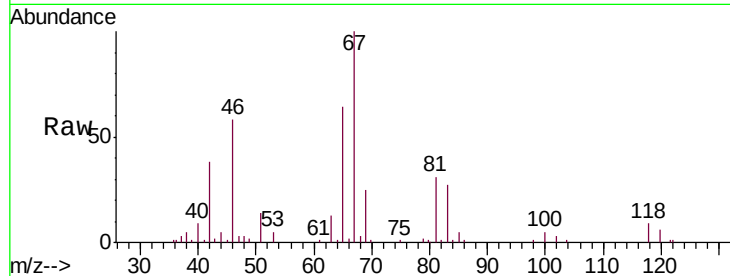




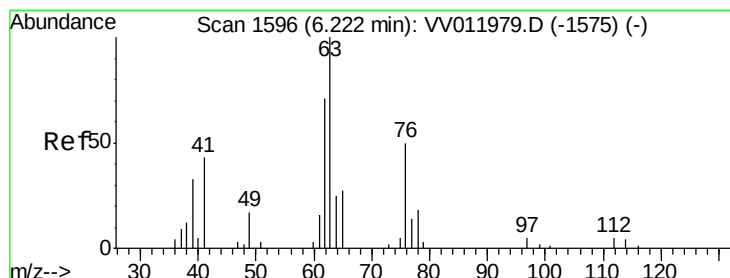
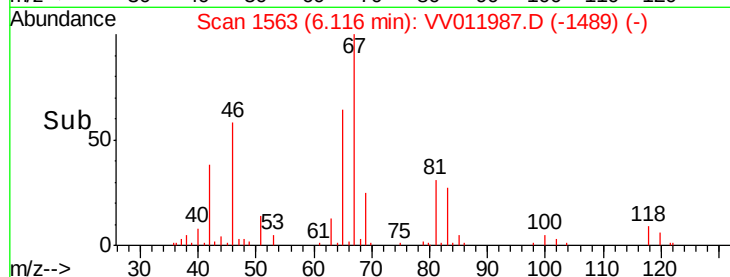
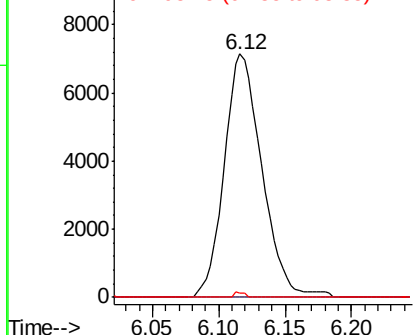
#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

Instrument :
MSVOA_V
ClientSampleId :
F2A09

Tgt Ion: 83 Resp: 14128
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 8.8 41.4 62.0#

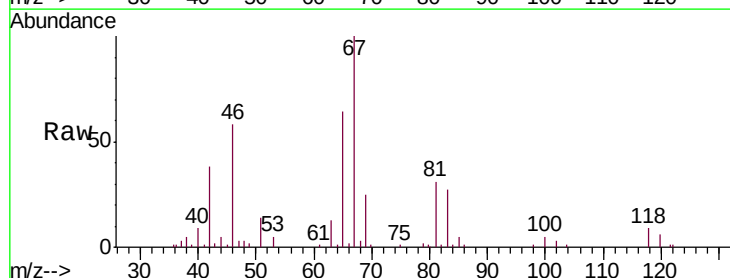


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

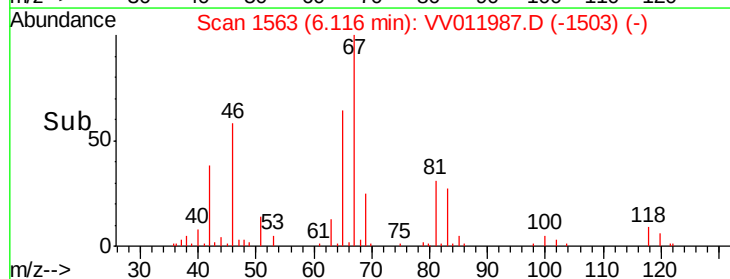
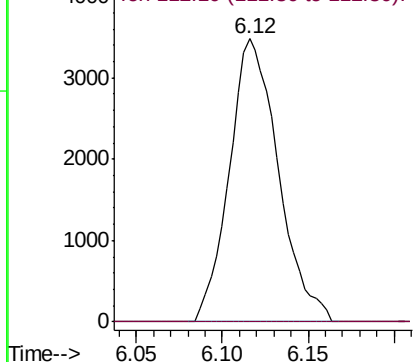


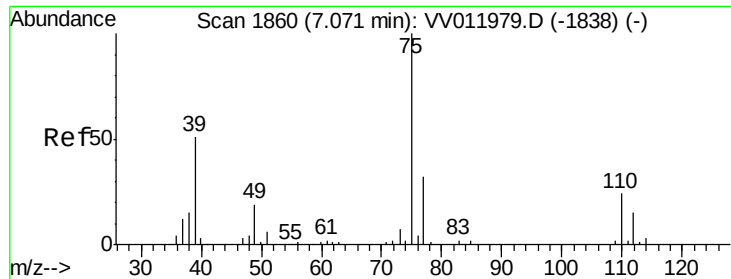
#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011987.D
Acq: 24 Jul 2019 01:33

Tgt Ion: 63 Resp: 6894
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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

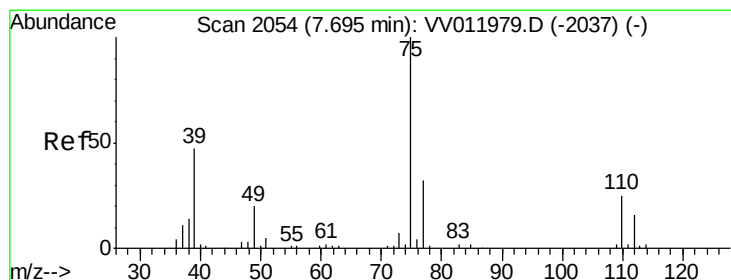
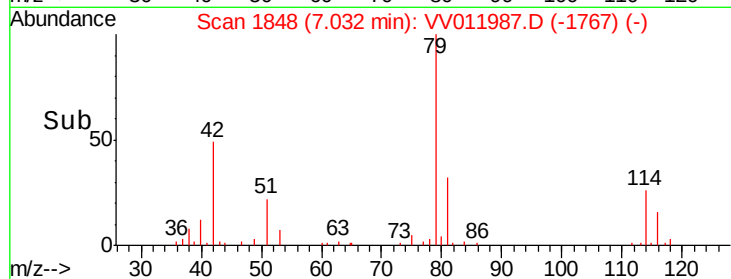
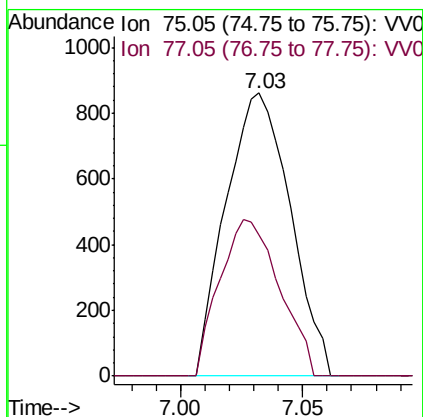
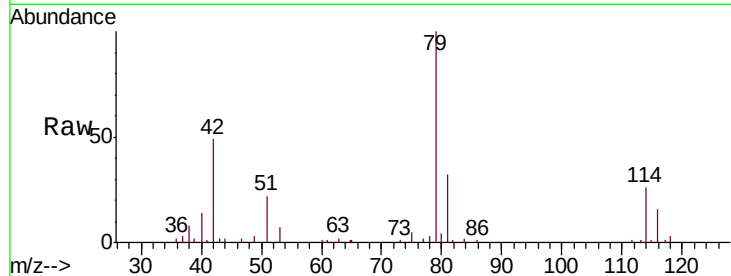




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011987.D
 Acq: 24 Jul 2019 01:33

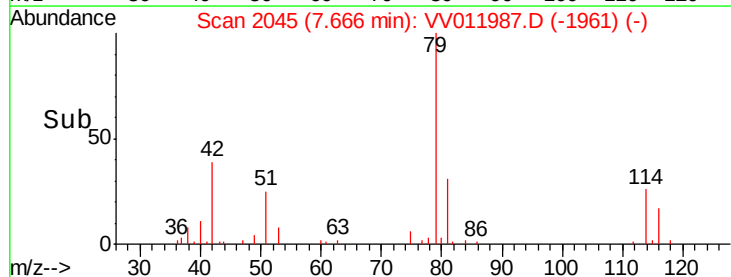
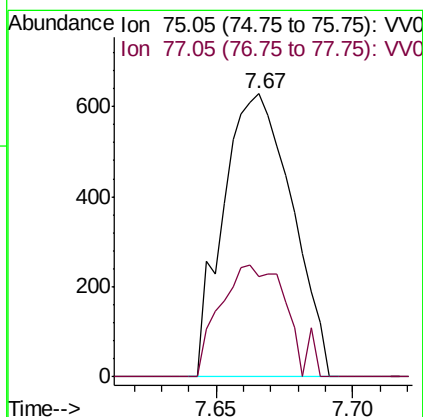
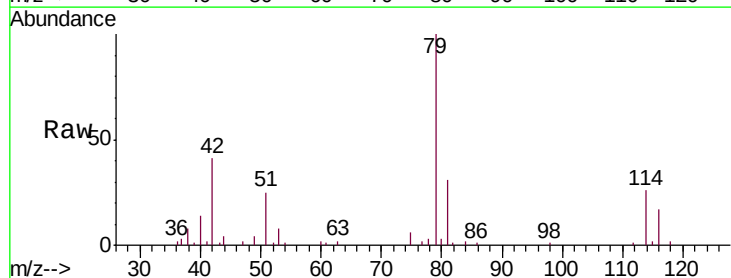
Instrument :
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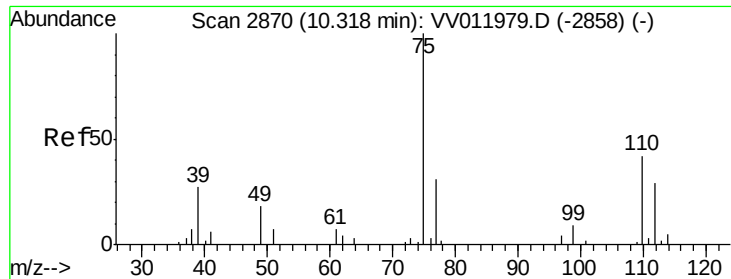
Tgt Ion: 75 Resp: 1578
 Ion Ratio Lower Upper
 75 100
 77 50.1 21.3 39.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011987.D
 Acq: 24 Jul 2019 01:33

Tgt Ion: 75 Resp: 1101
 Ion Ratio Lower Upper
 75 100
 77 35.5 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 0.146 ug/L

RT: 10.06 min Scan# 2789

Delta R.T. -0.26 min

Lab File: VV011987.D

Acq: 24 Jul 2019 01:33

Instrument :

MSVOA_V

ClientSampleId :

F2A09

Tgt Ion: 75 Resp: 823

Ion Ratio Lower Upper

75 100

77 2.8 26.2 39.2#

