

Data File : VV011985.D
Acq On : 24 Jul 2019 00:42
Operator : SY/MD
Sample : K3958-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A06

Quant Time: Jul 24 07:51:41 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	149336	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35983	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.59	69	28591	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	57788	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.94	46	108194	47.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.40	84	94617	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	52657	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	193838	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	54231	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	172400	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	19979	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	87429	47.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37481	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	70322	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

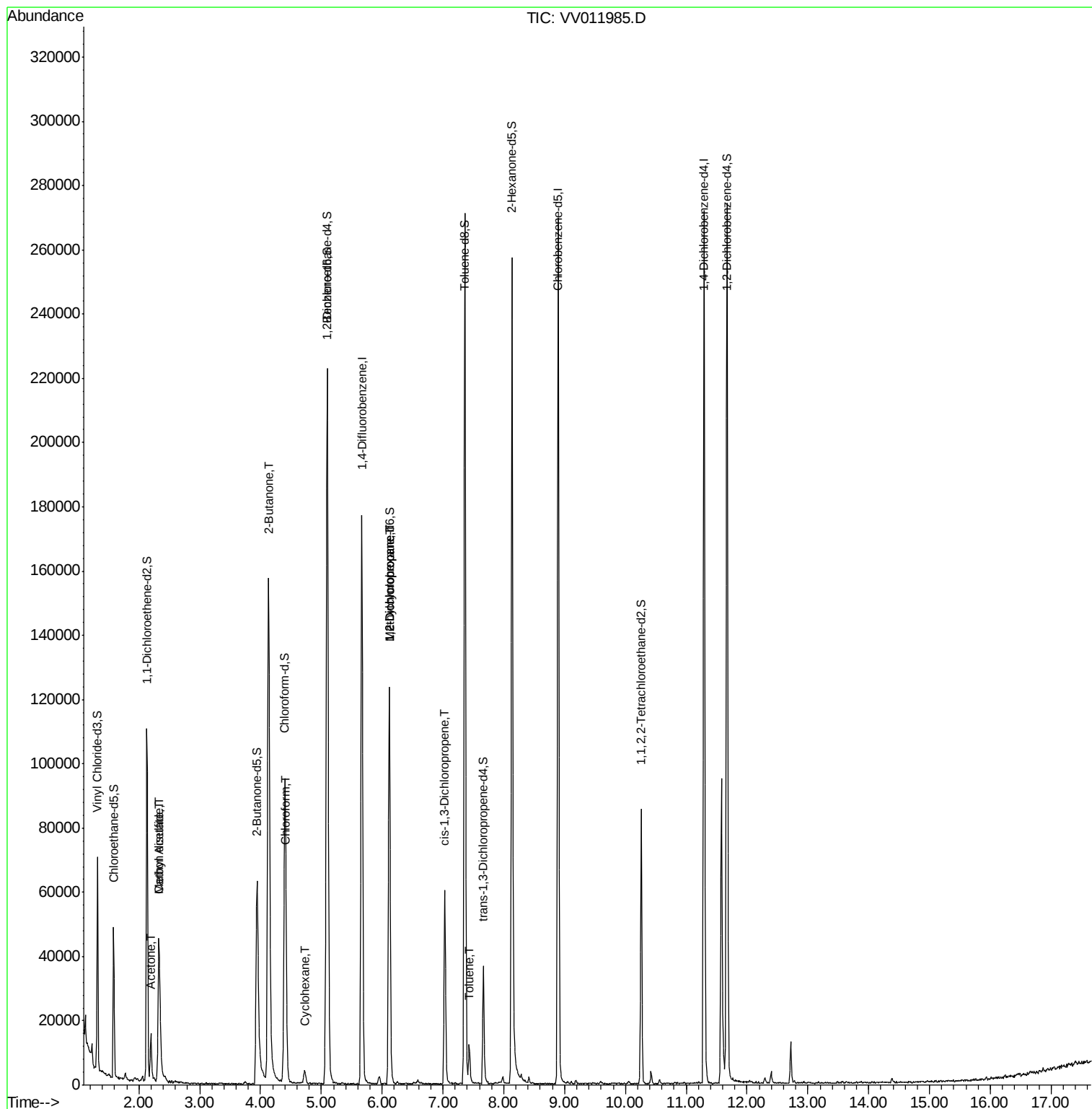
					Qvalue
13) Acetone	2.20	43	15483	12.660 ug/L	98
14) Carbon disulfide	2.32	76	2380	0.123 ug/L #	84
15) Methyl Acetate	2.33	43	15753	5.900 ug/L #	45
21) 2-Butanone	4.13	43	244165	104.074 ug/L #	48
25) Chloroform	4.43	83	4064	0.180 ug/L	77
30) Cyclohexane	4.73	56	1898	0.110 ug/L #	25
35) Methylcyclohexane	6.12	83	14228	0.786 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6771	0.672 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1466	0.098 ug/L #	28
42) Toluene	7.43	91	8106	0.180 ug/L	94

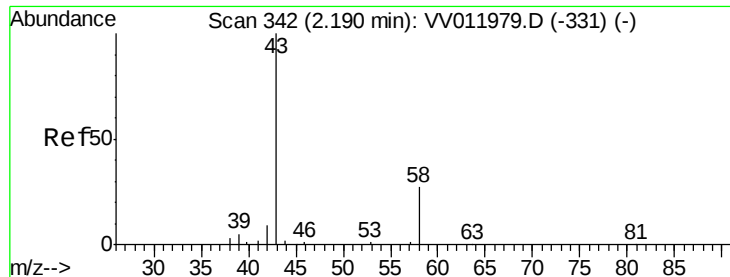
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.660 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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Acq: 24 Jul 2019 00:42

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MSVOA_V

ClientSampleId :

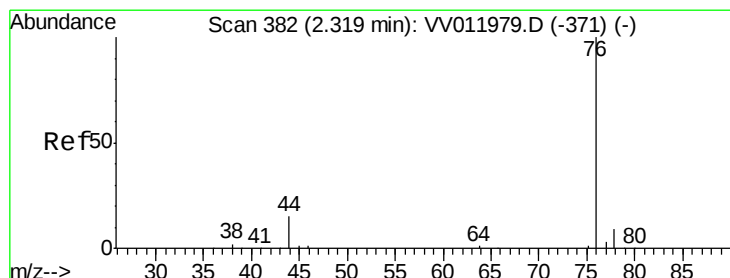
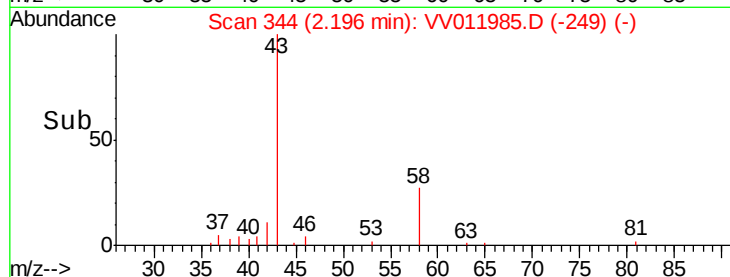
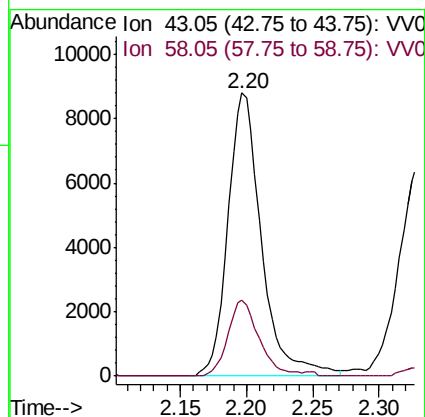
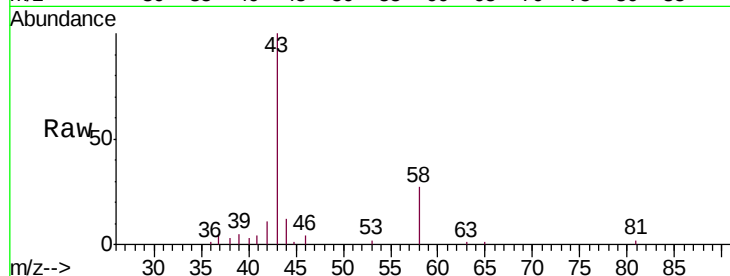
F2A06

Tgt Ion: 43 Resp: 15483

Ion Ratio Lower Upper

43 100

58 25.0 0.0 51.8



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV011985.D

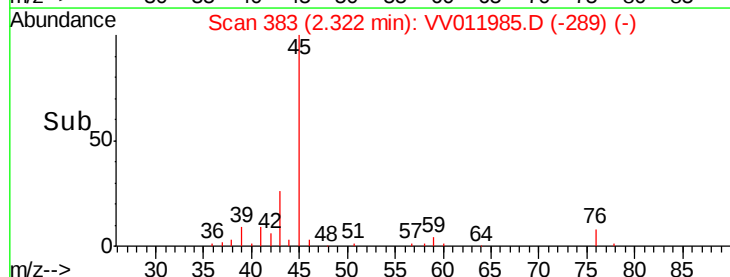
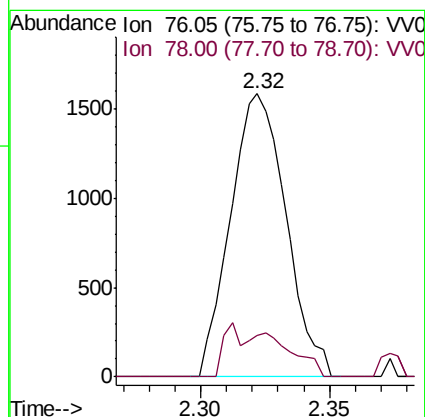
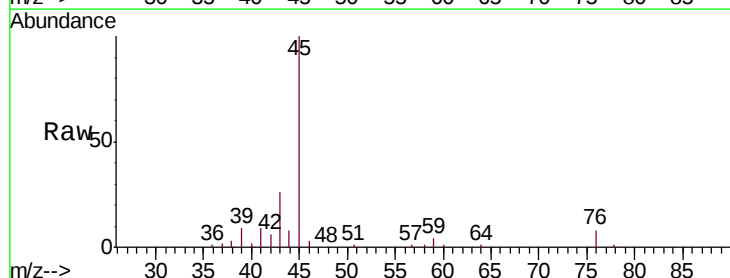
Acq: 24 Jul 2019 00:42

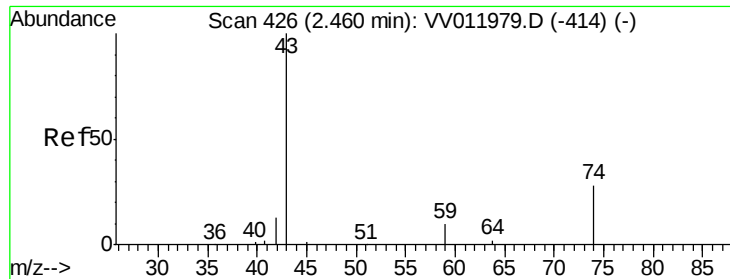
Tgt Ion: 76 Resp: 2380

Ion Ratio Lower Upper

76 100

78 14.8 7.3 10.9#





#15

Methyl Acetate

Concen: 5.900 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.13 min

Lab File: VV011985.D

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Instrument :

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ClientSampleId :

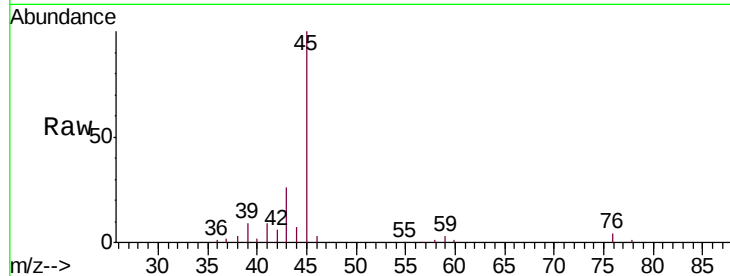
F2A06

Tgt Ion: 43 Resp: 15753

Ion Ratio Lower Upper

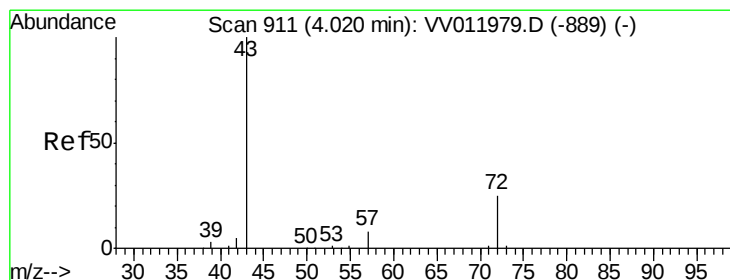
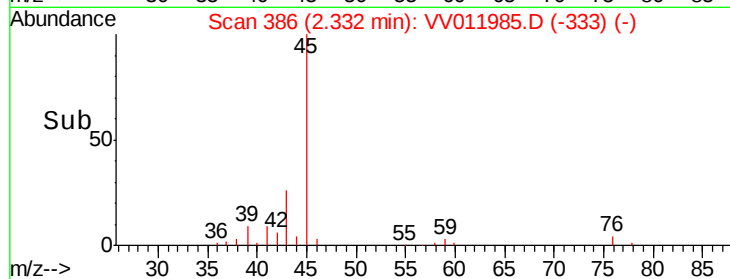
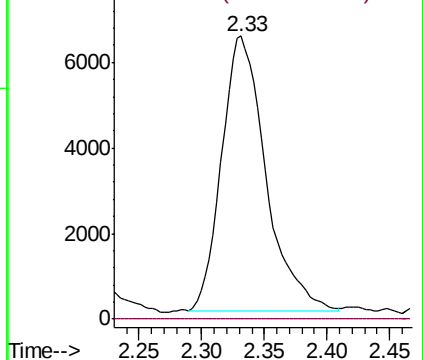
43 100

74 0.0 23.4 35.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#21

2-Butanone

Concen: 104.074 ug/L

RT: 4.13 min Scan# 946

Delta R.T. 0.11 min

Lab File: VV011985.D

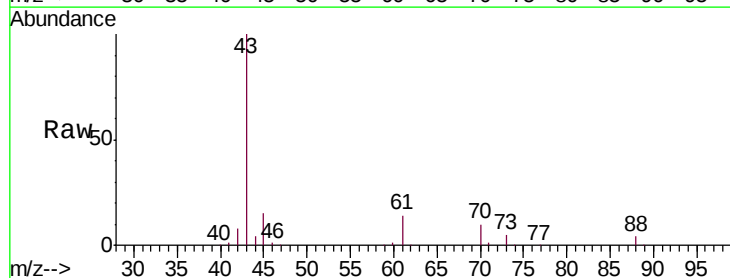
Acq: 24 Jul 2019 00:42

Tgt Ion: 43 Resp: 244165

Ion Ratio Lower Upper

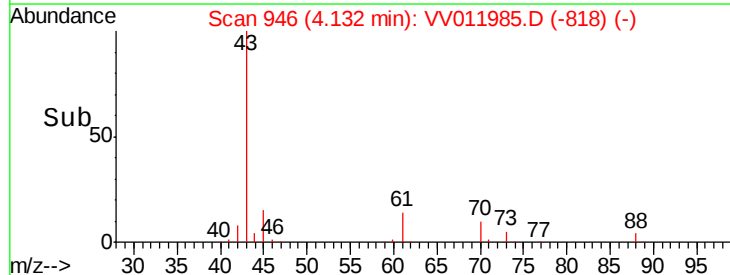
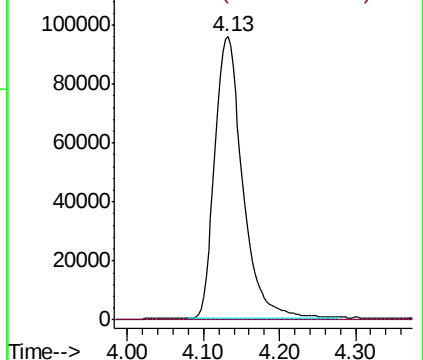
43 100

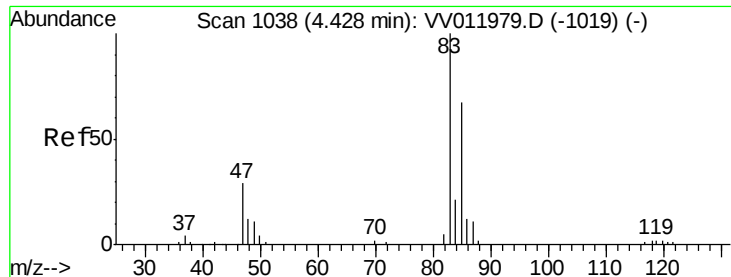
72 0.2 13.6 40.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

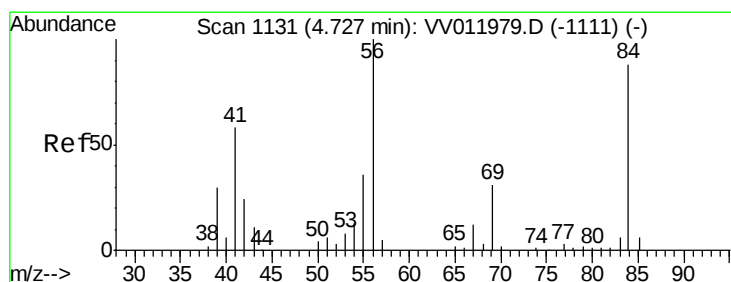
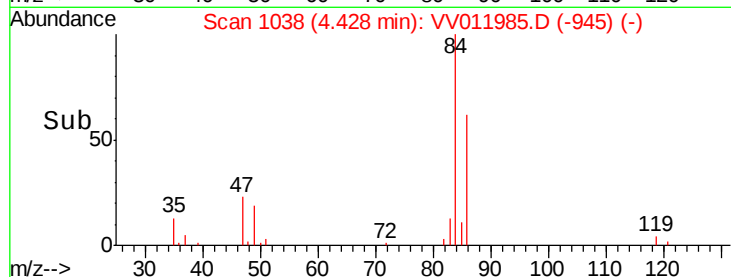
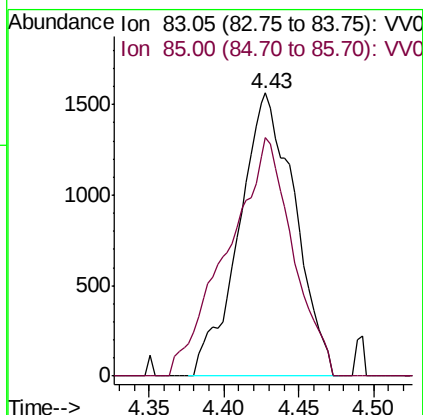
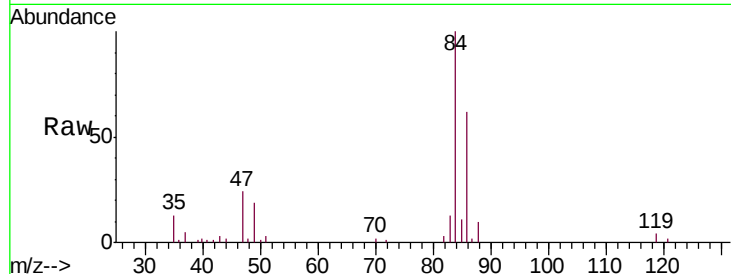




#25
Chloroform
Concen: 0.180 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011985.D
Acq: 24 Jul 2019 00:42

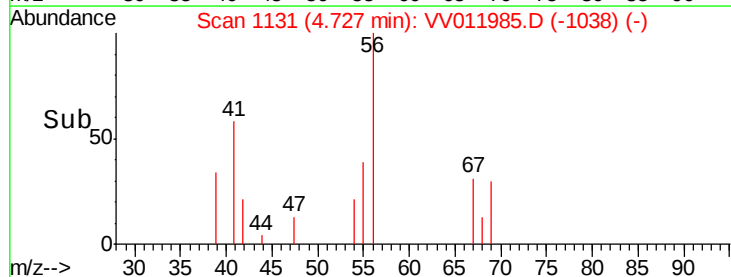
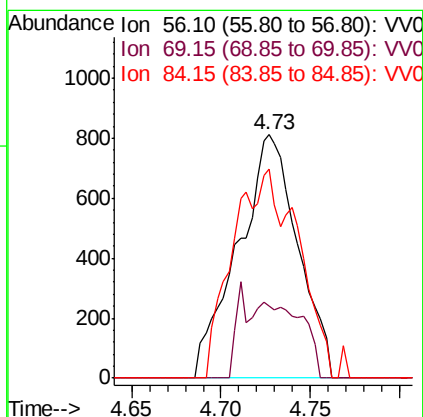
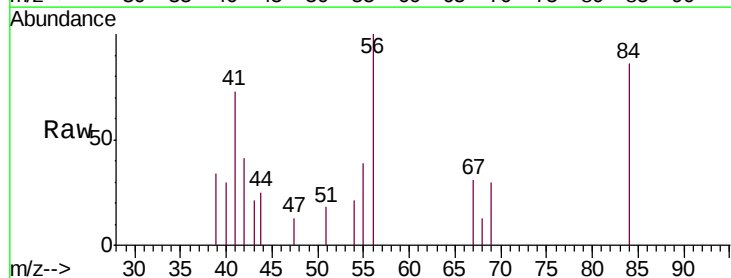
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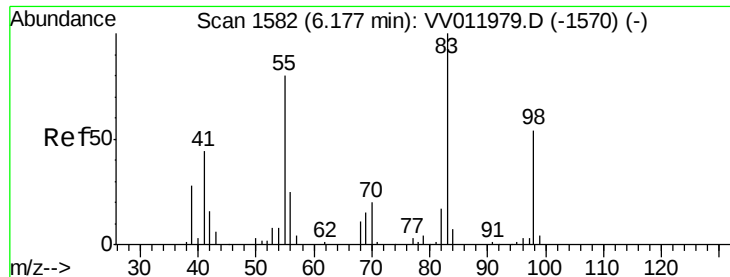
Tgt Ion: 83 Resp: 4064
Ion Ratio Lower Upper
83 100
85 84.4 46.5 86.3



#30
Cyclohexane
Concen: 0.110 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV011985.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 23.7 25.4 38.2#
84 0.0 73.4 110.0#

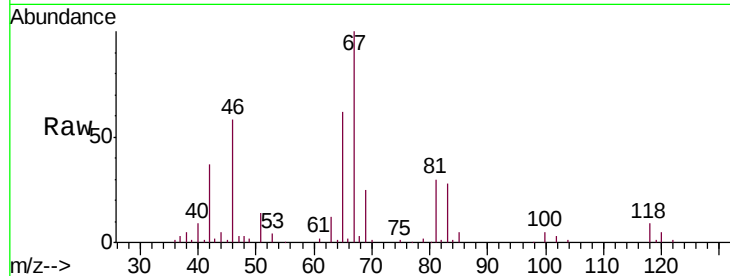




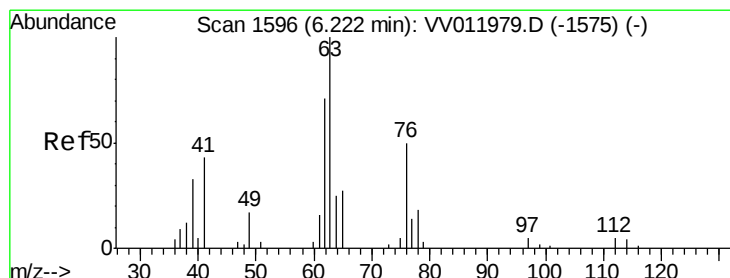
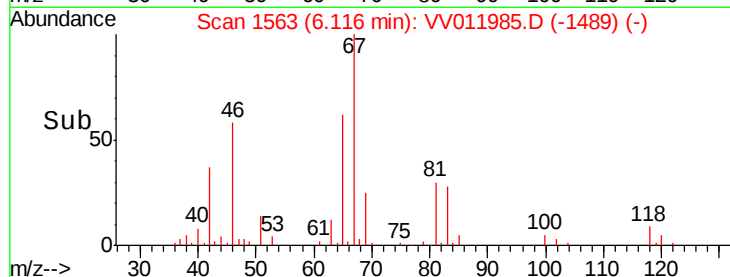
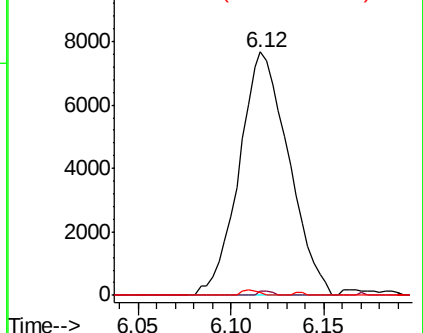
#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011985.D
Acq: 24 Jul 2019 00:42

Instrument :
MSVOA_V
ClientSampleId :
F2A06

Tgt Ion: 83 Resp: 14228
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.4#
98 0.7 41.4 62.0#

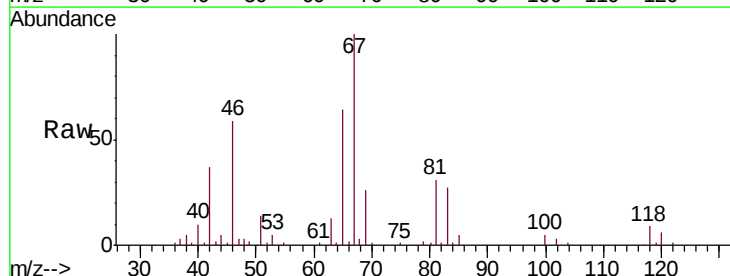


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

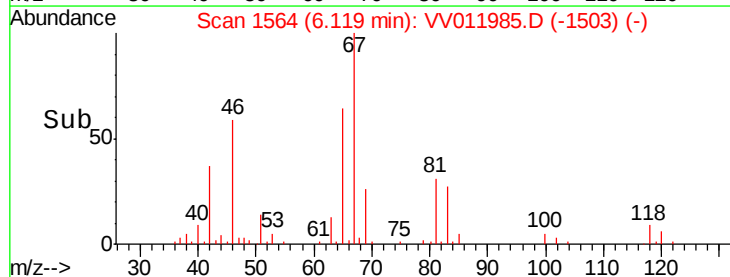
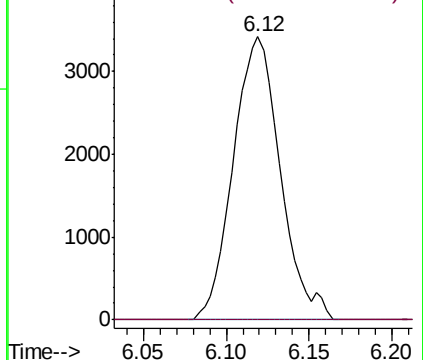


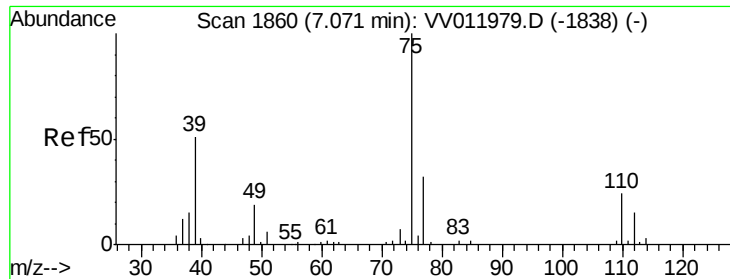
#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011985.D
Acq: 24 Jul 2019 00:42

Tgt Ion: 63 Resp: 6771
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

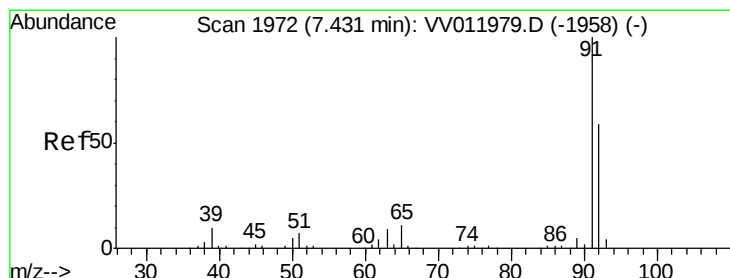
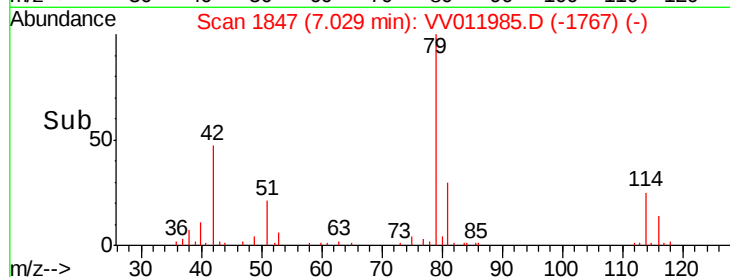
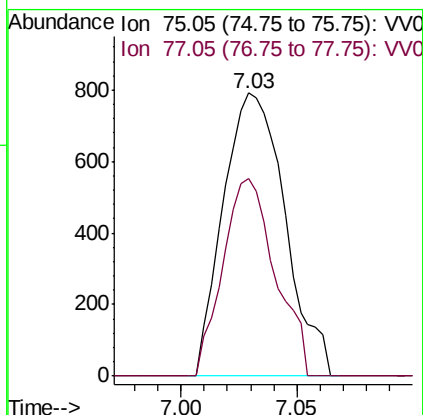
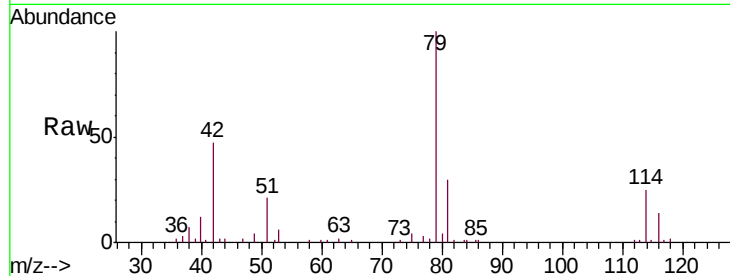




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011985.D
 Acq: 24 Jul 2019 00:42

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A06

Tgt Ion: 75 Resp: 1466
 Ion Ratio Lower Upper
 75 100
 77 69.7 21.3 39.6#



#42
 Toluene
 Concen: 0.180 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV011985.D
 Acq: 24 Jul 2019 00:42

Tgt Ion: 91 Resp: 8106
 Ion Ratio Lower Upper
 91 100
 92 64.8 41.9 77.9

