

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072718\
 Data File : VV006726.D
 Acq On : 27 Jul 2018 14:38
 Operator : SY/MD
 Sample : J4190-05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE745

Quant Time: Jul 28 02:54:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 28 02:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117807	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40355	6.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.60%#
7) Chloroethane-d5	1.58	69	32478	6.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	135.00%#
11) 1,1-Dichloroethene-d2	2.13	63	55539	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	3.95	46	109886	57.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.72%
24) Chloroform-d	4.41	84	68922	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.80%
26) 1,2-Dichloroethane-d4	5.09	65	37015	6.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.00%#
32) Benzene-d6	5.10	84	143411	6.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	130.00%#
36) 1,2-Dichloropropane-d6	6.12	67	46426	6.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.60%
41) Toluene-d8	7.37	98	115778	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
43) trans-1,3-Dichloropropene-	7.67	79	14069	5.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.60%
46) 2-Hexanone-d5	8.14	63	72073	46.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34961	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	39433	6.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.20%#

Target Compounds

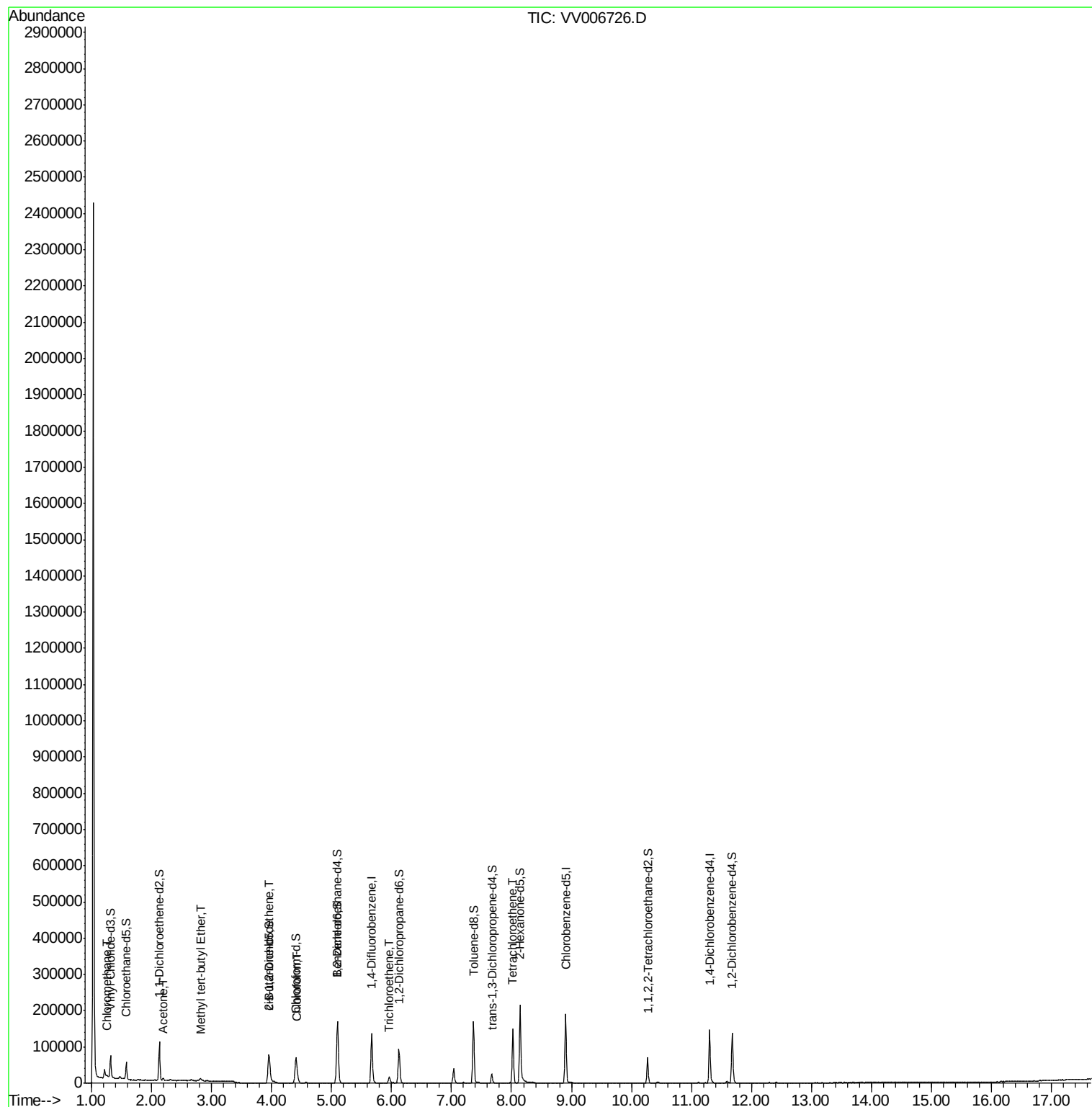
					Ovalue
3) Chloromethane	1.25	50	3323	0.369 ug/L	97
13) Acetone	2.19	43	5685	4.664 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	6495	0.343 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	3697	0.423 ug/L	96
25) Chloroform	4.43	83	9690	0.670 ug/L	93
34) Trichloroethene	5.96	95	5292	0.650 ug/L	89
47) Tetrachloroethene	8.02	164	35002	5.410 ug/L	98

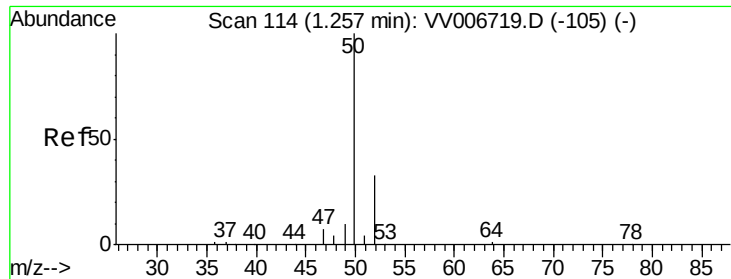
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.369 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006726.D

Acq: 27 Jul 2018 14:38

Instrument :

MSVOA_V

ClientSampleId :

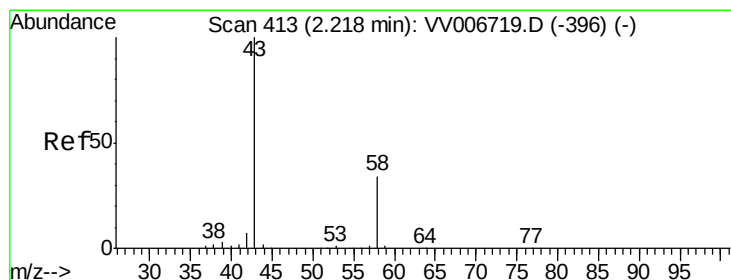
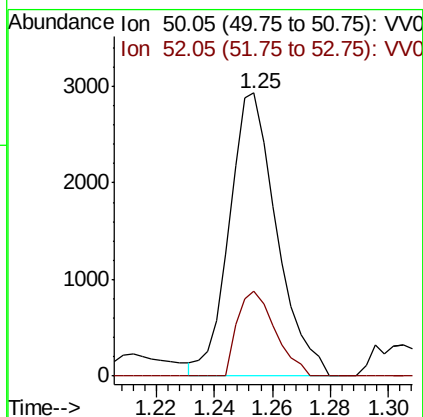
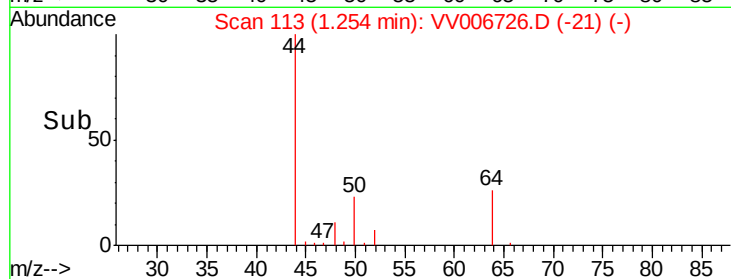
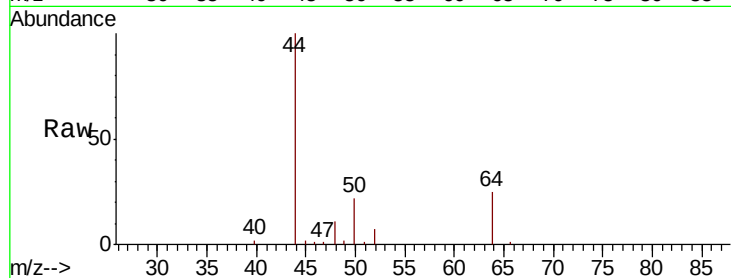
BE745

Tot Ion: 50 Resp: 3323

Ion Ratio Lower Upper

50 100

52 30.1 22.1 41.1



#13

Acetone

Concen: 4.664 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.03 min

Lab File: VV006726.D

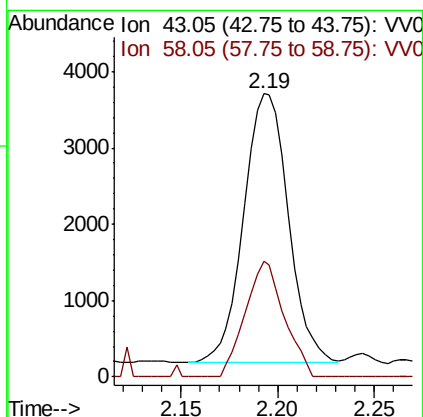
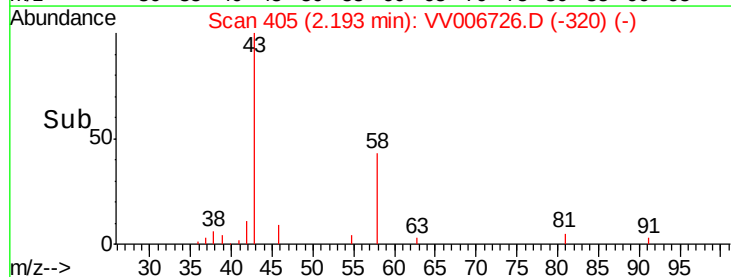
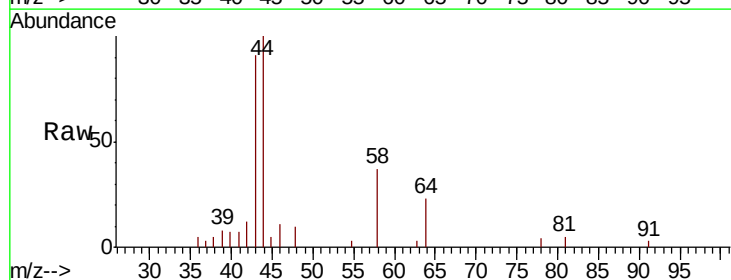
Acq: 27 Jul 2018 14:38

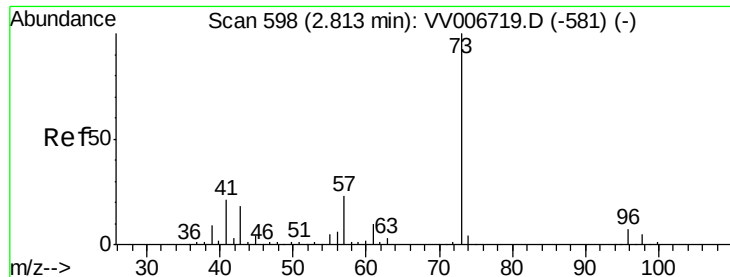
Tgt Ion: 43 Resp: 5685

Ion Ratio Lower Upper

43 100

58 37.3 0.0 71.4



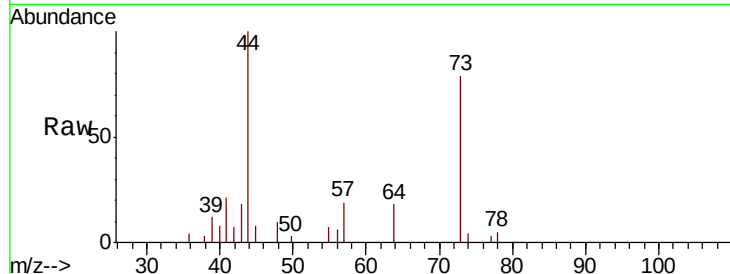


#17

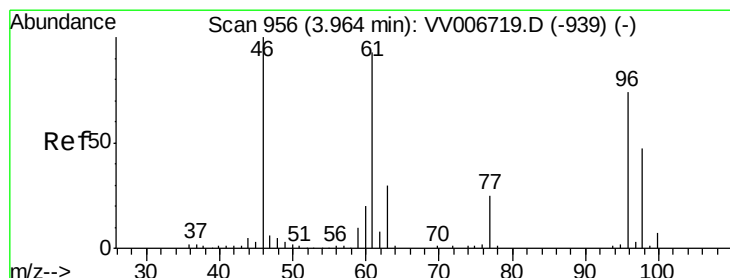
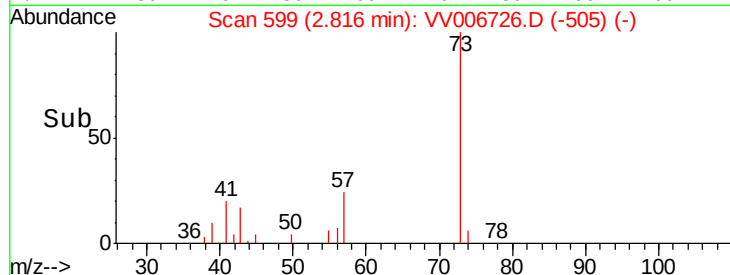
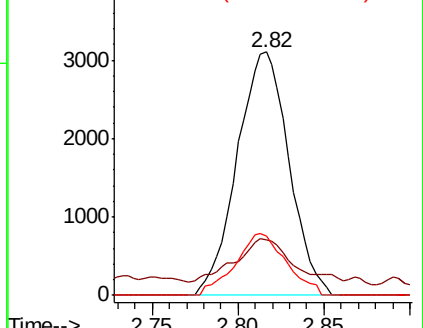
Methyl tert-butyl Ether
 Concen: 0.343 ug/L
 RT: 2.82 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VV006726.D
 Acq: 27 Jul 2018 14:38

Instrument :
 MSVOA_V
 ClientSampleID :
 BE745

Tot Ion: 73 Resp: 6495
 Ion Ratio Lower Upper
 73 100
 43 19.2 14.2 21.4
 57 24.9 18.2 27.2



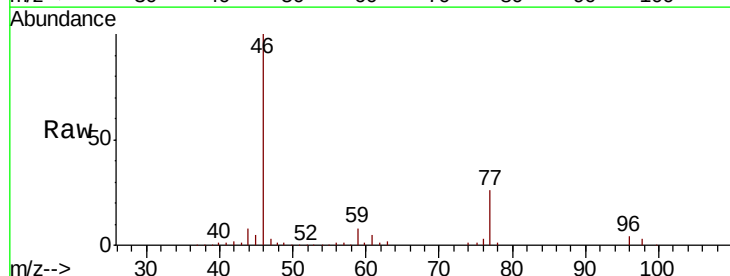
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



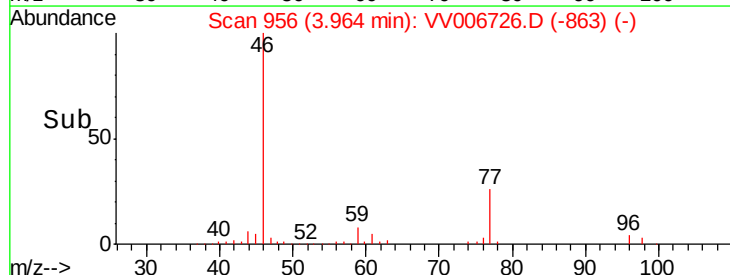
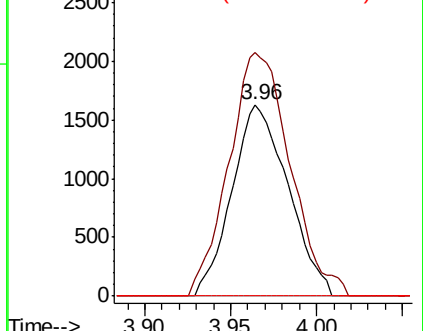
#22

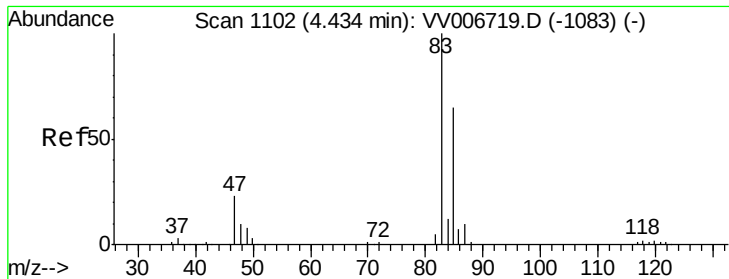
cis-1,2-Dichloroethene
 Concen: 0.423 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV006726.D
 Acq: 27 Jul 2018 14:38

Tgt Ion: 96 Resp: 3697
 Ion Ratio Lower Upper
 96 100
 61 127.1 85.5 158.9
 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

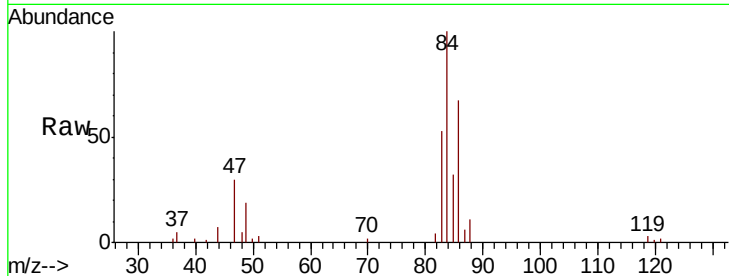




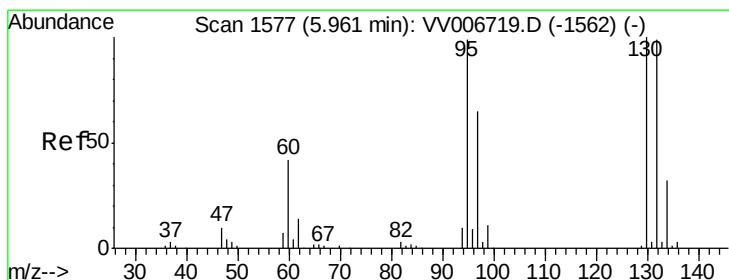
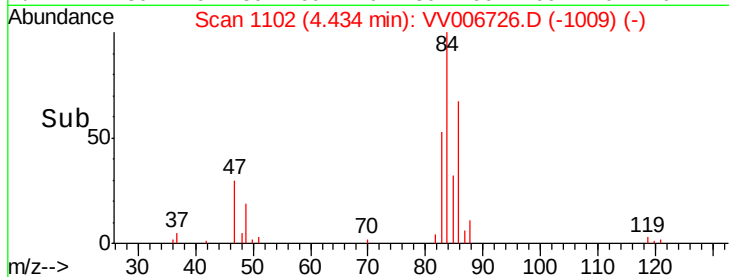
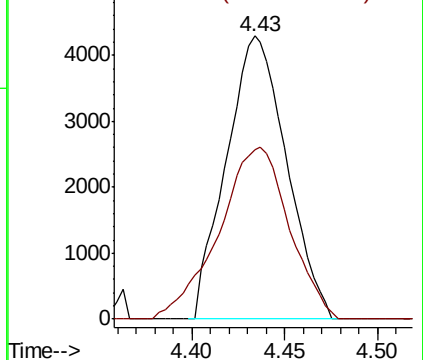
#25
Chloroform
Concen: 0.670 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
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Tot Ion: 83 Resp: 9690
Ion Ratio Lower Upper
83 100
85 60.0 46.1 85.5

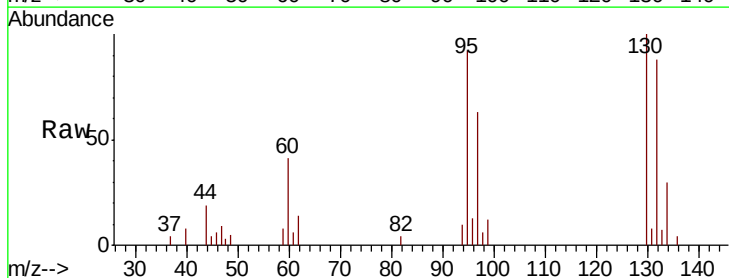


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

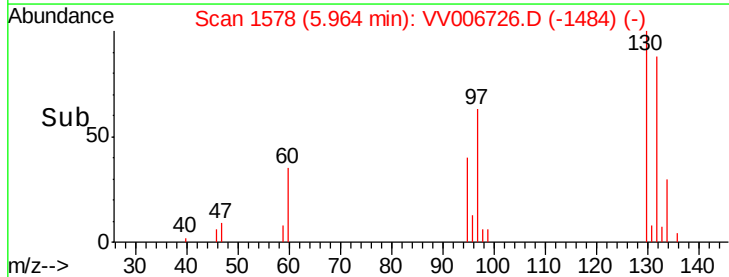
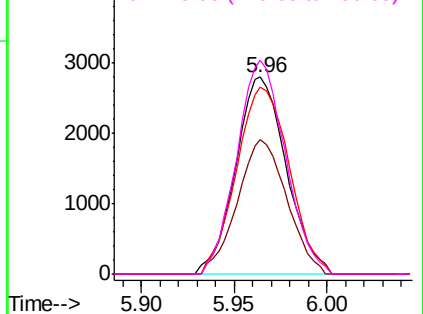


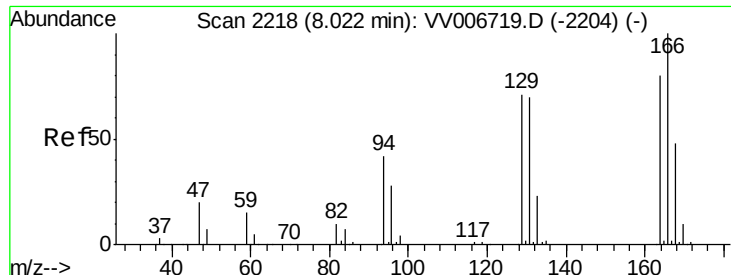
#34
Trichloroethene
Concen: 0.650 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 95 Resp: 5292
Ion Ratio Lower Upper
95 100
97 59.7 44.9 83.3
132 83.5 68.9 127.9
130 95.1 73.4 136.4



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





#47

Tetrachloroethene

Concen: 5.410 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006726.D

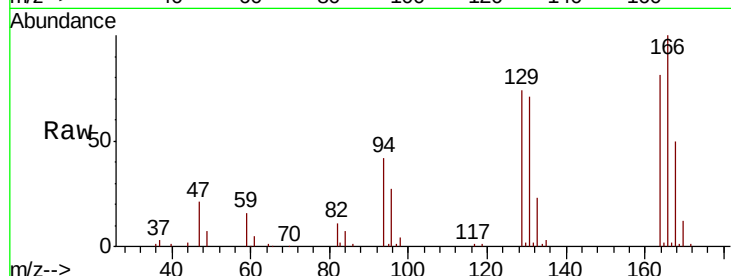
Acq: 27 Jul 2018 14:38

Instrument :

MSVOA_V

ClientSampleId :

BE745



Tot Ion:164 Resp: 35002

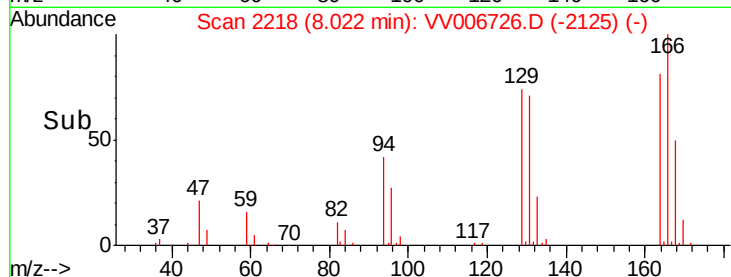
Ion Ratio Lower Upper

164 100

129 91.3 65.0 120.8

131 87.9 61.9 115.1

166 123.2 89.3 165.9



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

