

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006670.D
 Acq On : 20 Jul 2018 16:27
 Operator : SY/MD
 Sample : J4078-02
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Jul 26 03:07:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82851	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	58042	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	109769	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	156364	43.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	4.41	84	137373	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	65750	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	294849	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	92421	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	268598	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	29236	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	153582	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65247	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	92388	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

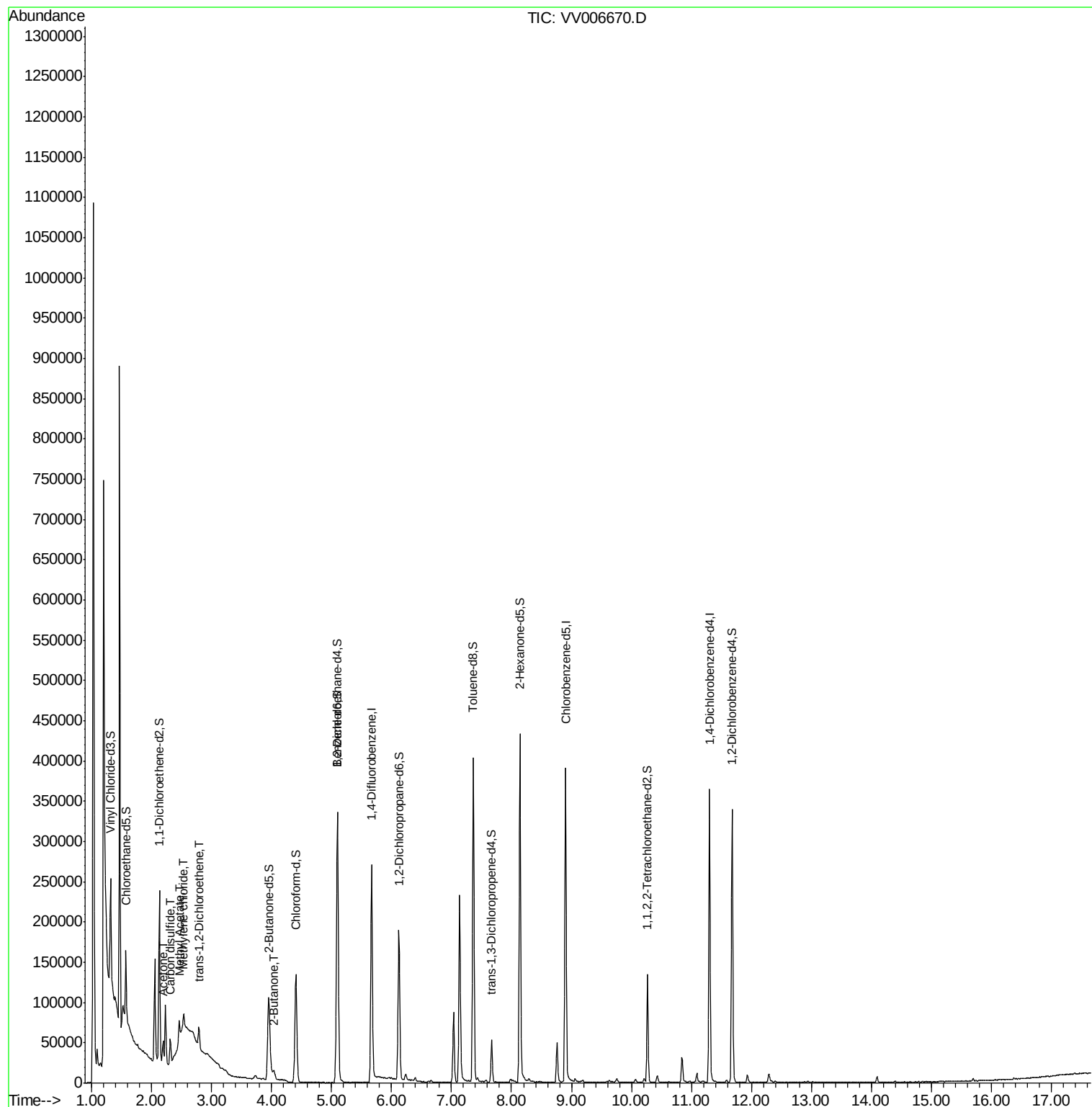
					Ovalue
13) Acetone	2.19	43	23365	8.53	ug/L 99
14) Carbon disulfide	2.32	76	14496	0.26	ug/L 96
15) Methyl Acetate	2.46	43	26574	3.31	ug/L 100
16) Methylene chloride	2.54	84	6823	0.31	ug/L 90
18) trans-1,2-Dichloroethene	2.79	96	9249	0.48	ug/L 93
21) 2-Butanone	4.04	43	15393	3.36	ug/L 95

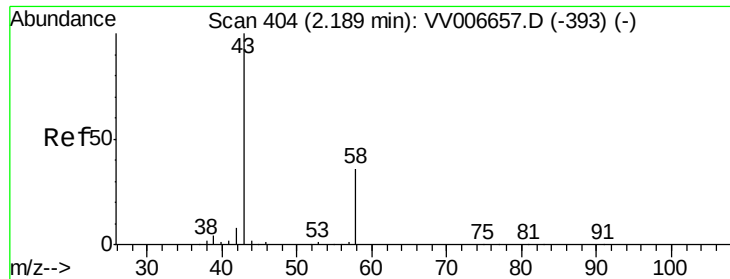
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.53 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006670.D

Acq: 20 Jul 2018 16:27

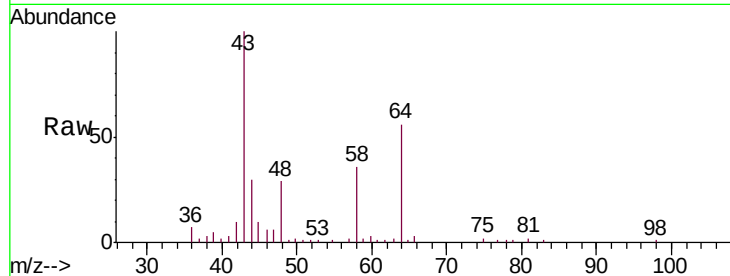
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tot Ion: 43 Resp: 23365

Ion Ratio Lower Upper

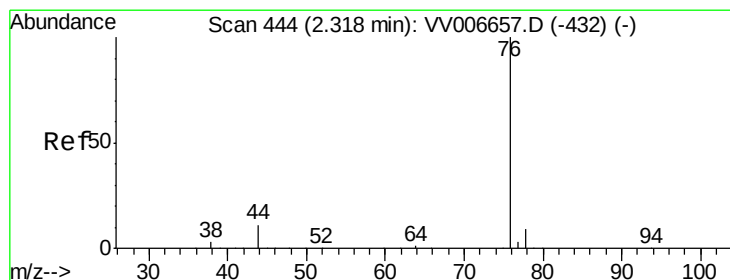
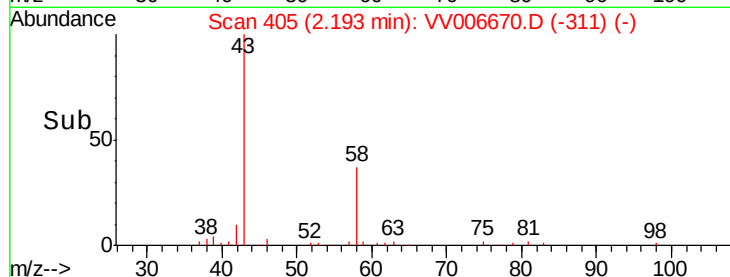
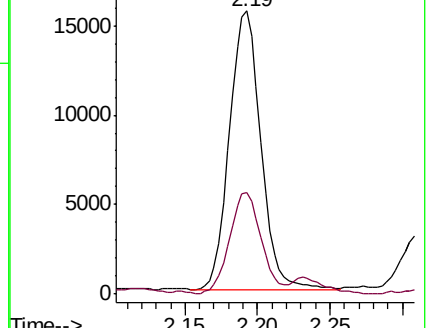
43 100

58 36.8 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006670.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VV006670.D (-393) (-)



#14

Carbon disulfide

Concen: 0.26 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006670.D

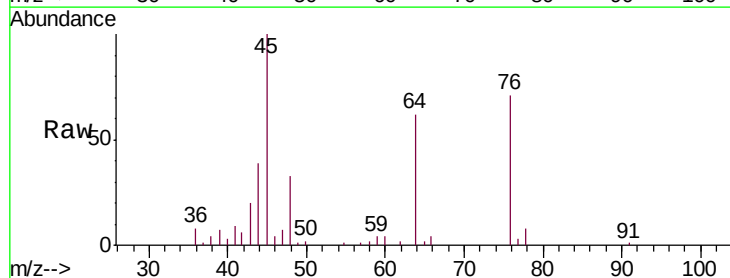
Acq: 20 Jul 2018 16:27

Tgt Ion: 76 Resp: 14496

Ion Ratio Lower Upper

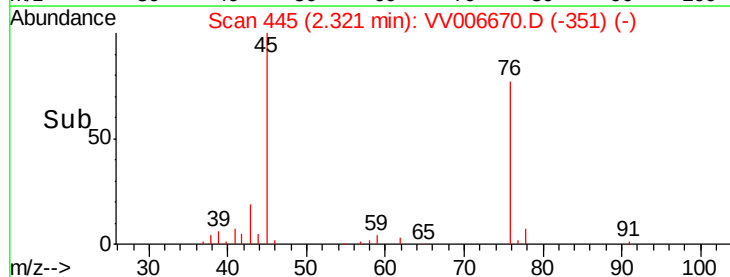
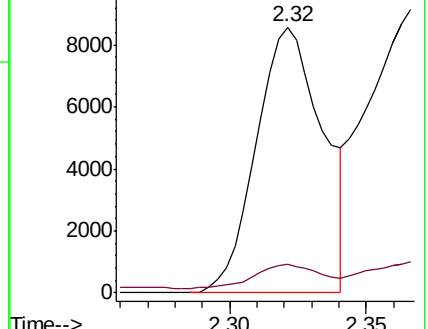
76 100

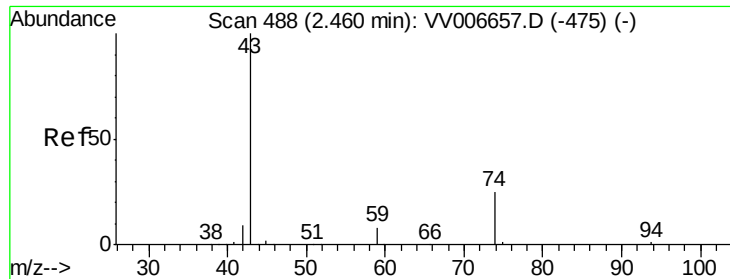
78 10.6 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006670.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006670.D (-432) (-)

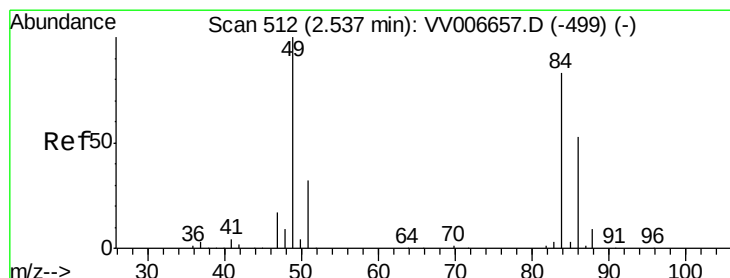
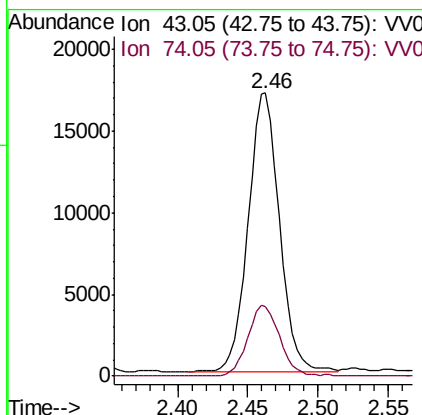
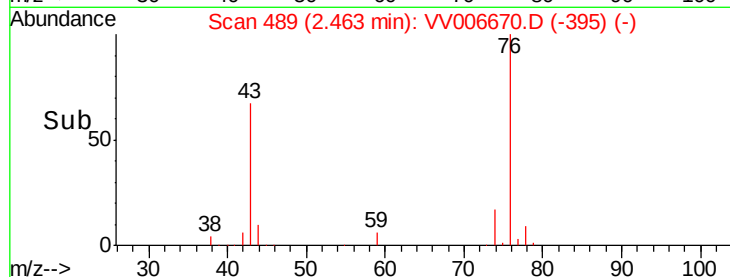
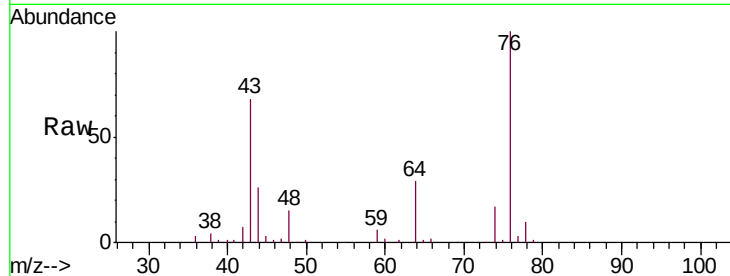




#15
Methvl Acetate
Concen: 3.31 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

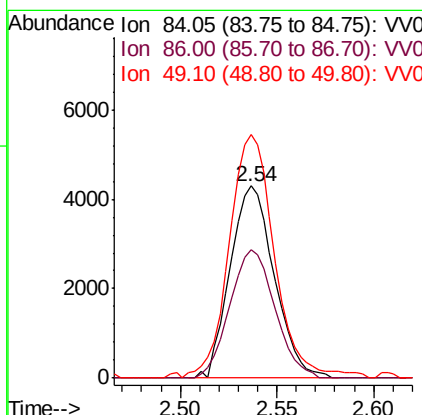
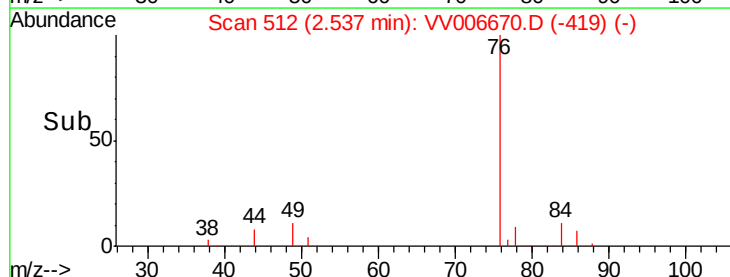
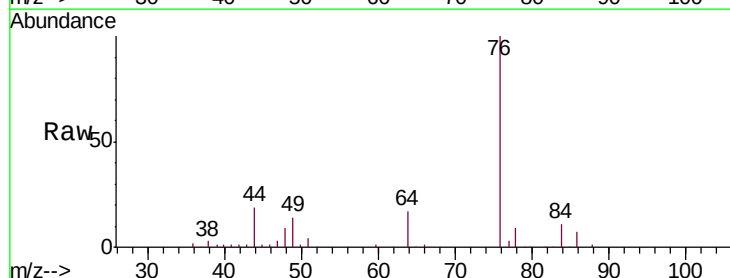
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

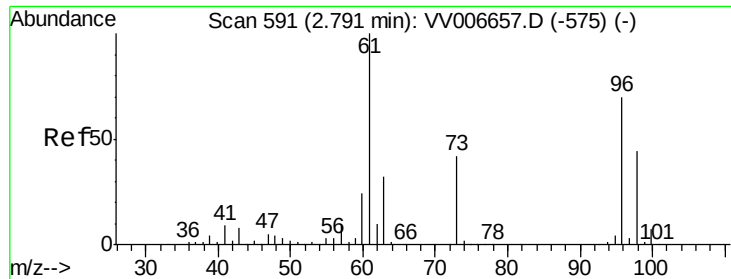
Tot Ion: 43 Resp: 26574
Ion Ratio Lower Upper
43 100
74 25.6 20.3 30.5



#16
Methylene chloride
Concen: 0.31 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Tgt Ion: 84 Resp: 6823
Ion Ratio Lower Upper
84 100
86 66.7 45.4 84.2
49 136.6 85.1 158.1

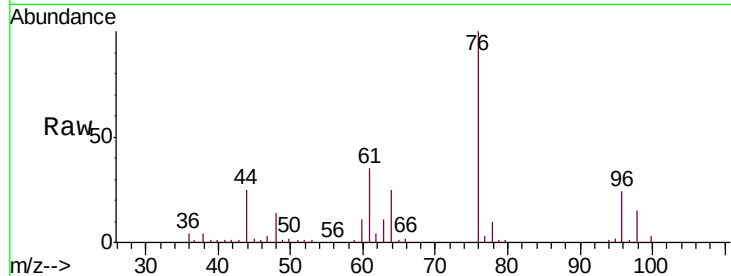




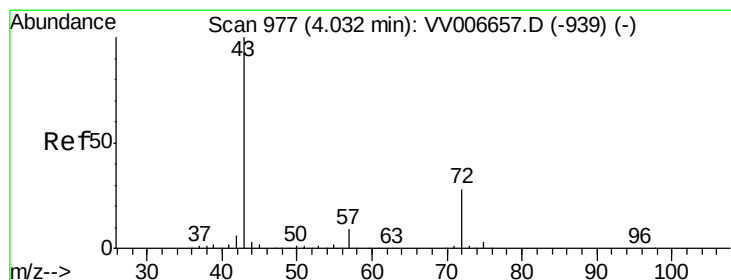
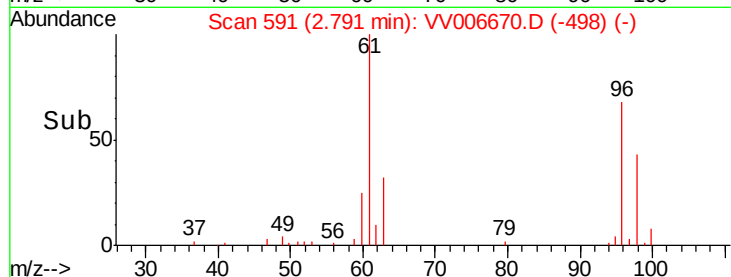
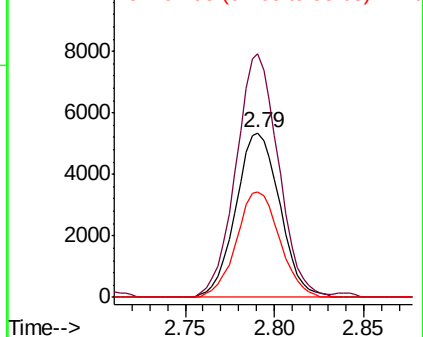
#18
trans-1,2-Dichloroethene
Concen: 0.48 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tot Ion: 96 Resp: 9249
Ion Ratio Lower Upper
96 100
61 147.8 96.0 178.4
98 63.8 43.5 80.9

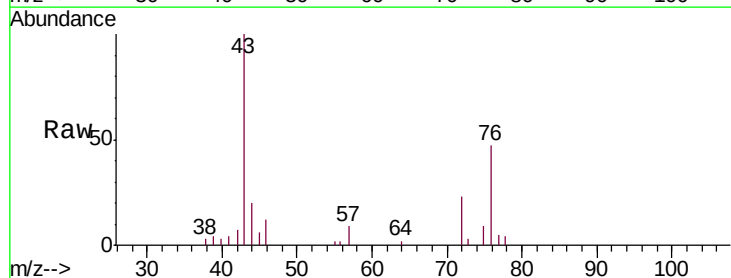


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



#21
2-Butanone
Concen: 3.36 ug/L
RT: 4.04 min Scan# 979
Delta R.T. 0.01 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Tgt Ion: 43 Resp: 15393
Ion Ratio Lower Upper
43 100
72 25.1 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

