

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006625.D
 Acq On : 17 Jul 2018 19:05
 Operator : SY/MD
 Sample : J3983-22
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB1A3

Quant Time: Jul 18 17:43:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252104	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104970	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.57	69	76760	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	136674	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	242271	71.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.56%#
24) Chloroform-d	4.41	84	170037	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	83521	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.10	84	355995	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	111608	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.36	98	312540	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	32652	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.14	63	220011	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87184	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	116927	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

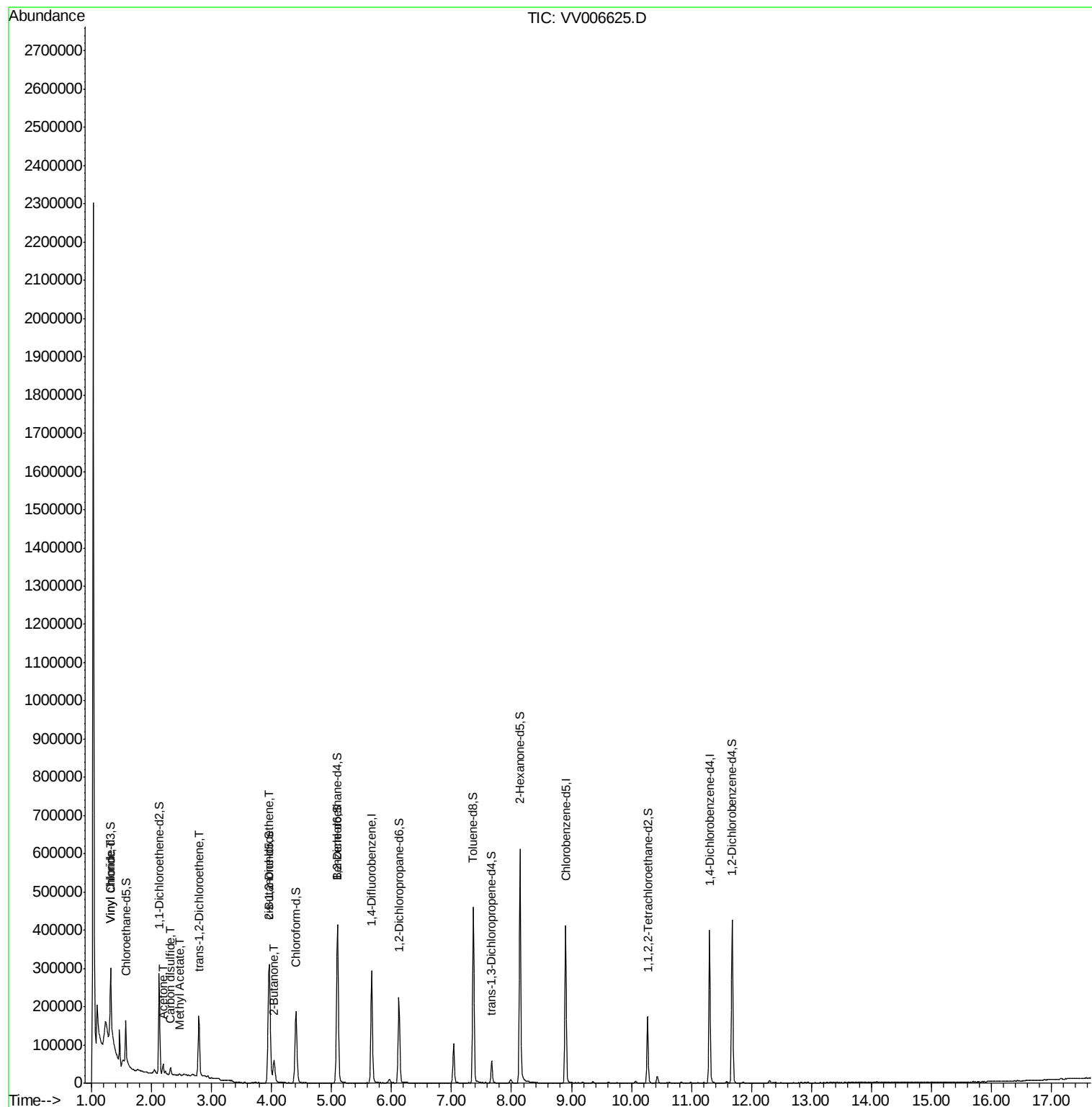
					Ovalue
5) Vinyl chloride	1.32	62	27181	0.90 ug/L	# 1
13) Acetone	2.19	43	23748	7.05 ug/L	99
14) Carbon disulfide	2.32	76	16862	0.27 ug/L	100
15) Methyl Acetate	2.46	43	3579	0.34 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	57807	2.60 ug/L	99
21) 2-Butanone	4.04	43	84430	14.31 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	95632	4.11 ug/L	99

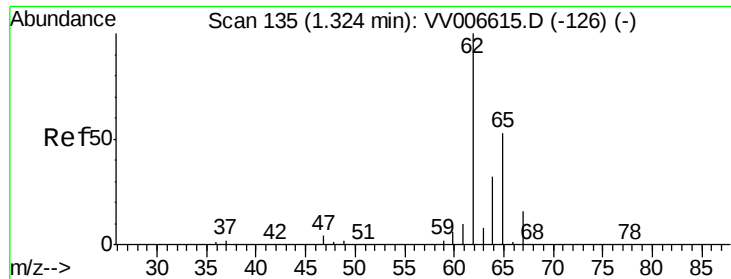
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.90 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006625.D

Acq: 17 Jul 2018 19:05

Instrument :

MSVOA_V

ClientSampled :

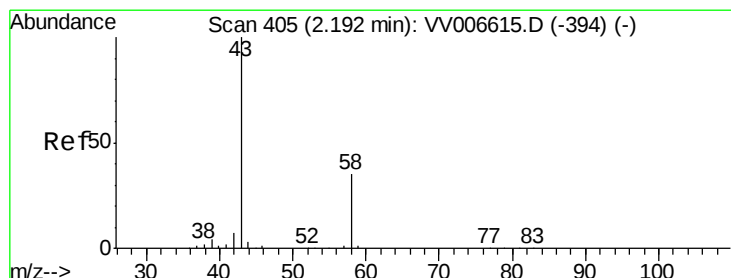
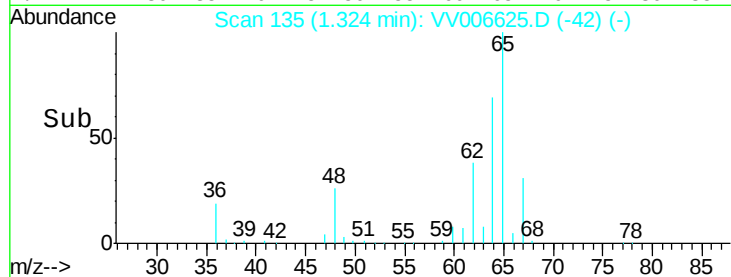
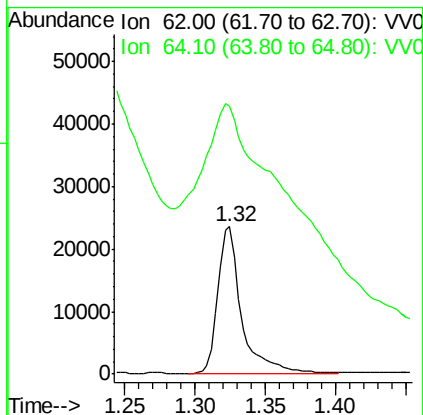
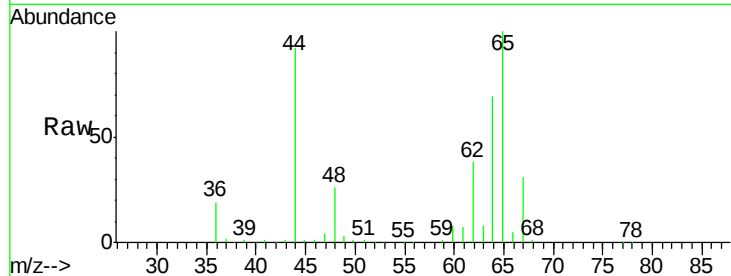
DB1A3

Tot Ion: 62 Resp: 27181

Ion Ratio Lower Upper

62 100

64 182.0 22.6 42.0#



#13

Acetone

Concen: 7.05 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006625.D

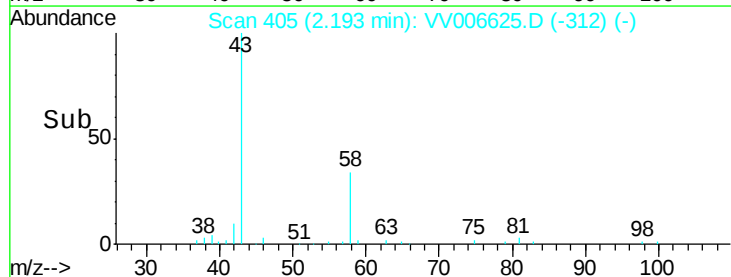
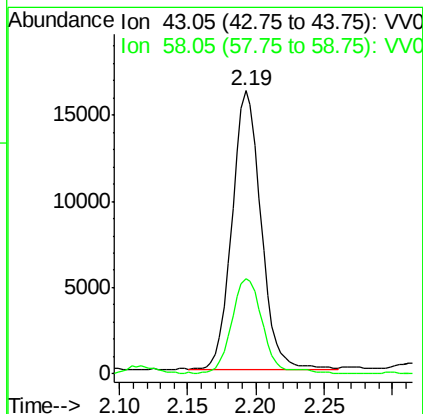
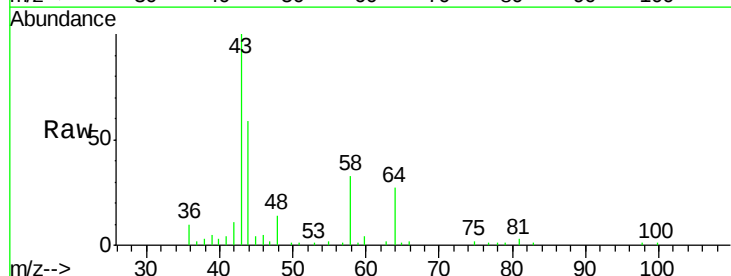
Acq: 17 Jul 2018 19:05

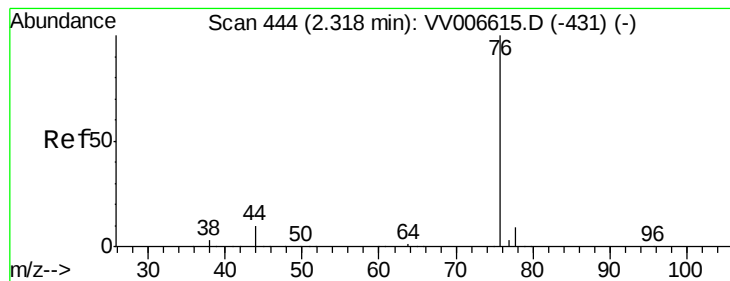
Tgt Ion: 43 Resp: 23748

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.8





#14

Carbon disulfide

Concen: 0.27 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV006625.D

Acq: 17 Jul 2018 19:05

Instrument :

MSVOA_V

ClientSampleId :

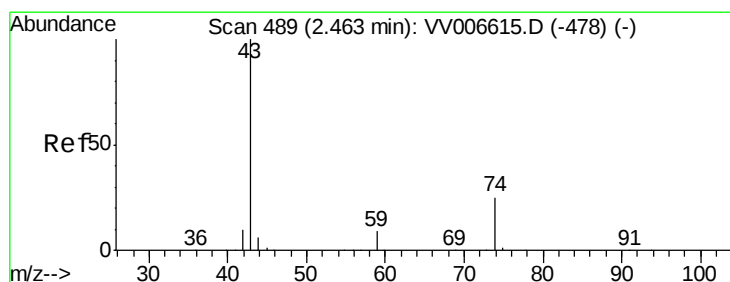
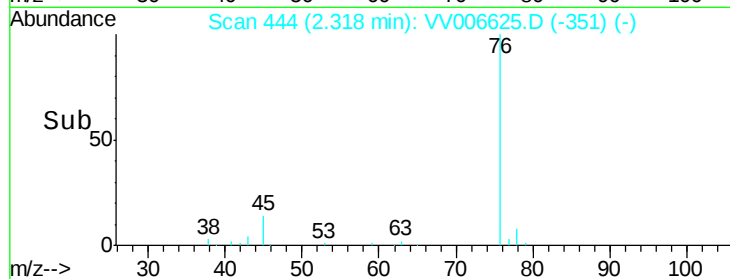
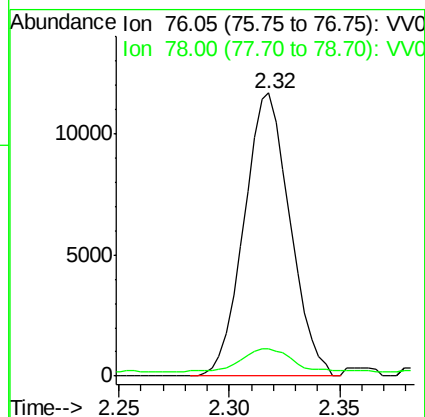
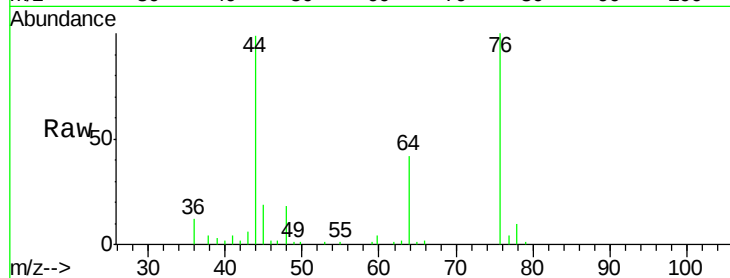
DB1A3

Tot Ion: 76 Resp: 16862

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



#15

Methyl Acetate

Concen: 0.34 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006625.D

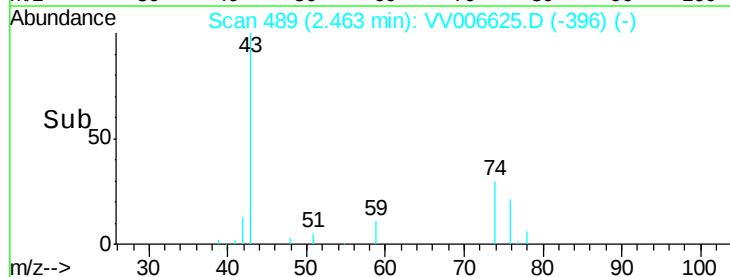
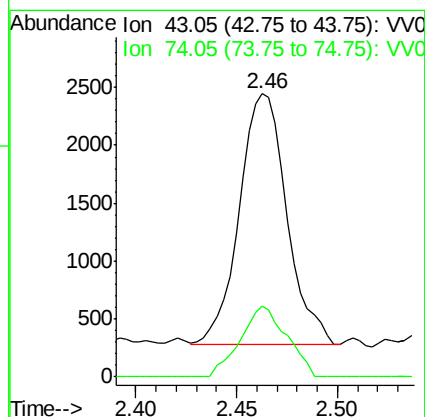
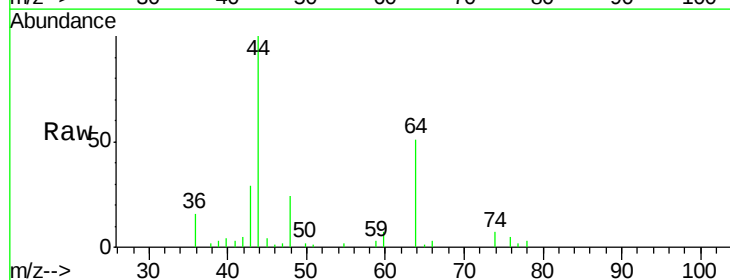
Acq: 17 Jul 2018 19:05

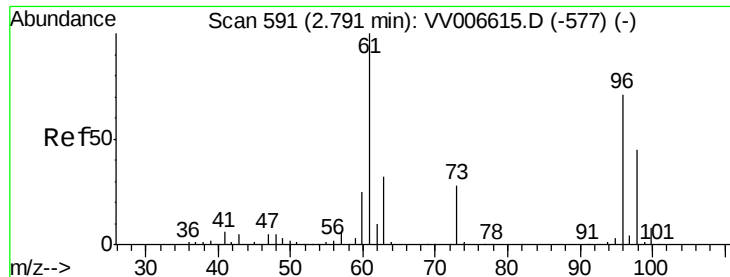
Tgt Ion: 43 Resp: 3579

Ion Ratio Lower Upper

43 100

74 27.4 20.2 30.4

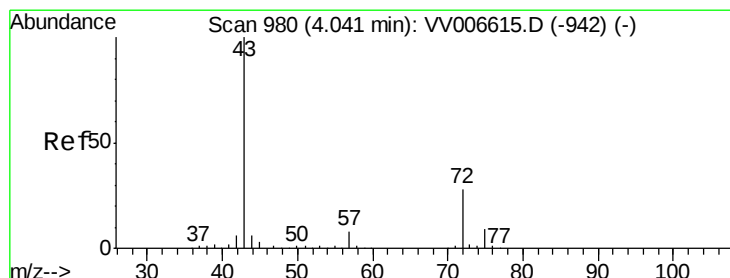
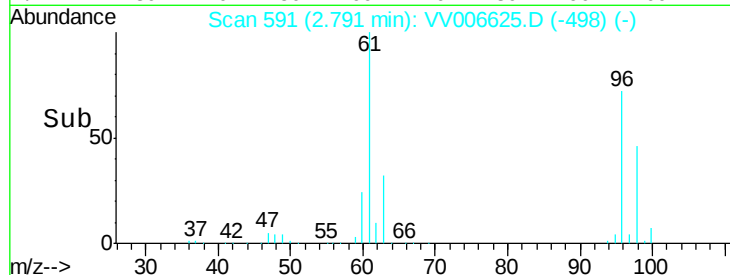
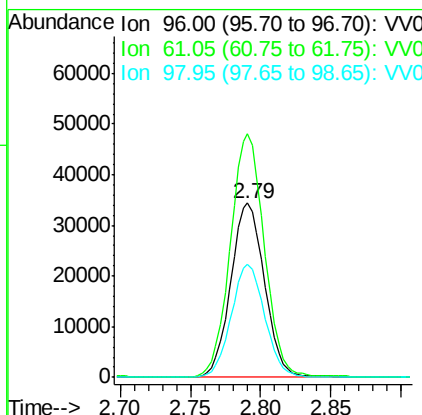
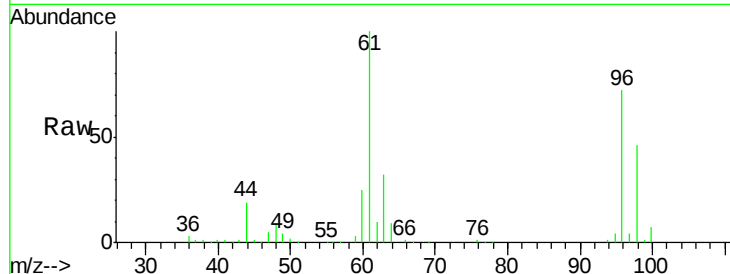




#18
 trans-1,2-Dichloroethene
 Concen: 2.60 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VV006625.D
 Acq: 17 Jul 2018 19:05

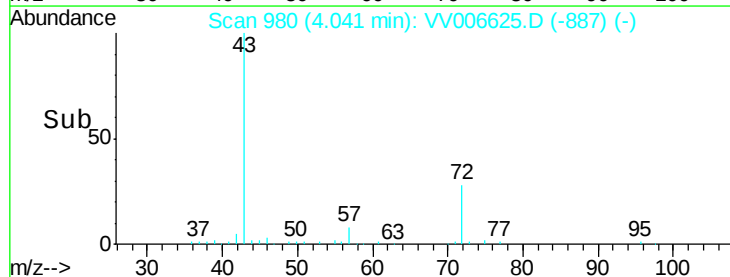
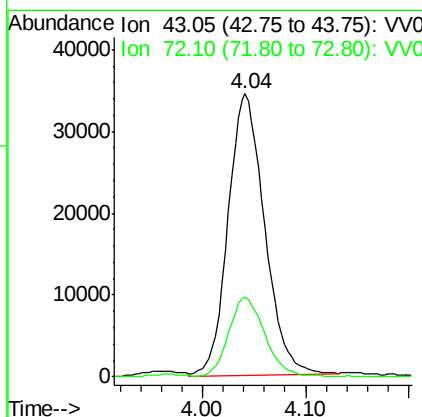
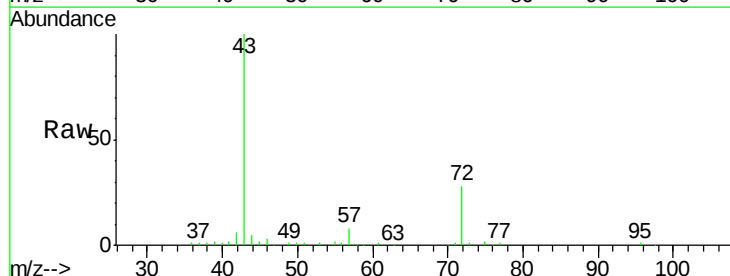
Instrument :
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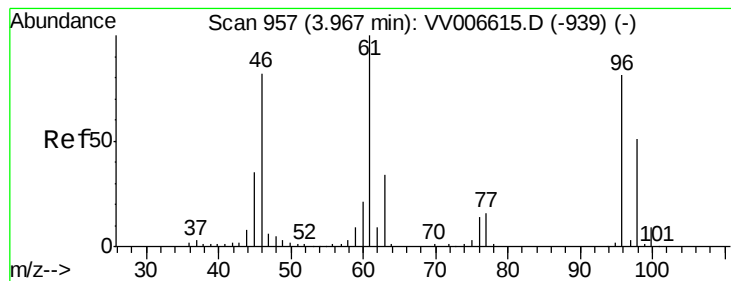
Tot Ion: 96 Resp: 57807
 Ion Ratio Lower Upper
 96 100
 61 139.8 98.1 182.1
 98 65.0 44.4 82.4



#21
 2-Butanone
 Concen: 14.31 ug/L
 RT: 4.04 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VV006625.D
 Acq: 17 Jul 2018 19:05

Tgt Ion: 43 Resp: 84430
 Ion Ratio Lower Upper
 43 100
 72 28.4 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 4.11 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006625.D

Acq: 17 Jul 2018 19:05

Instrument :
MSVOA_V
ClientSampleId :
DB1A3

Tot Ion: 96 Resp: 95632

Ion Ratio Lower Upper

96 100

61 124.2 86.2 160.2

68 0.0 0.0 0.0

