

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007160.D
 Acq On : 23 Aug 2018 23:52
 Operator : SY/MD
 Sample : J4622-18
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBL0

Manual Integrations
 APPROVED

sam
 8/24/2018 3:00:31 PM

Quant Time: Aug 24 03:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	599876	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	550432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	208171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	658767	174.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	349.48%#
7) Chloroethane-d5	1.57	69	126969	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.13	63	257061	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	3.97	46	419576	130.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.77%#
24) Chloroform-d	4.41	84	353691	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
26) 1,2-Dichloroethane-d4	5.09	65	230174	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.10	84	714131	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.12	67	247583	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.36	98	565427	42.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.02%
43) trans-1,3-Dichloropropene-	7.67	79	100861	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.14	63	217641	120.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.95%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	359326	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	189018	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.31	62	22903325m	4020.23	ug/L	
12) 1,1-Dichloroethene	2.14	96	90869	22.76	ug/L	90
13) Acetone	2.20	43	32068	12.74	ug/L	56
14) Carbon disulfide	2.32	76	28179	2.31	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	265004	61.20	ug/L	97
20) cis-1,2-Dichloroethene	3.95	96	30418401m	6044.11	ug/L	
22) 2-Butanone	4.04	43	57913	14.56	ug/L	85
34) Trichloroethene	5.96	95	21367	4.78	ug/L	97

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

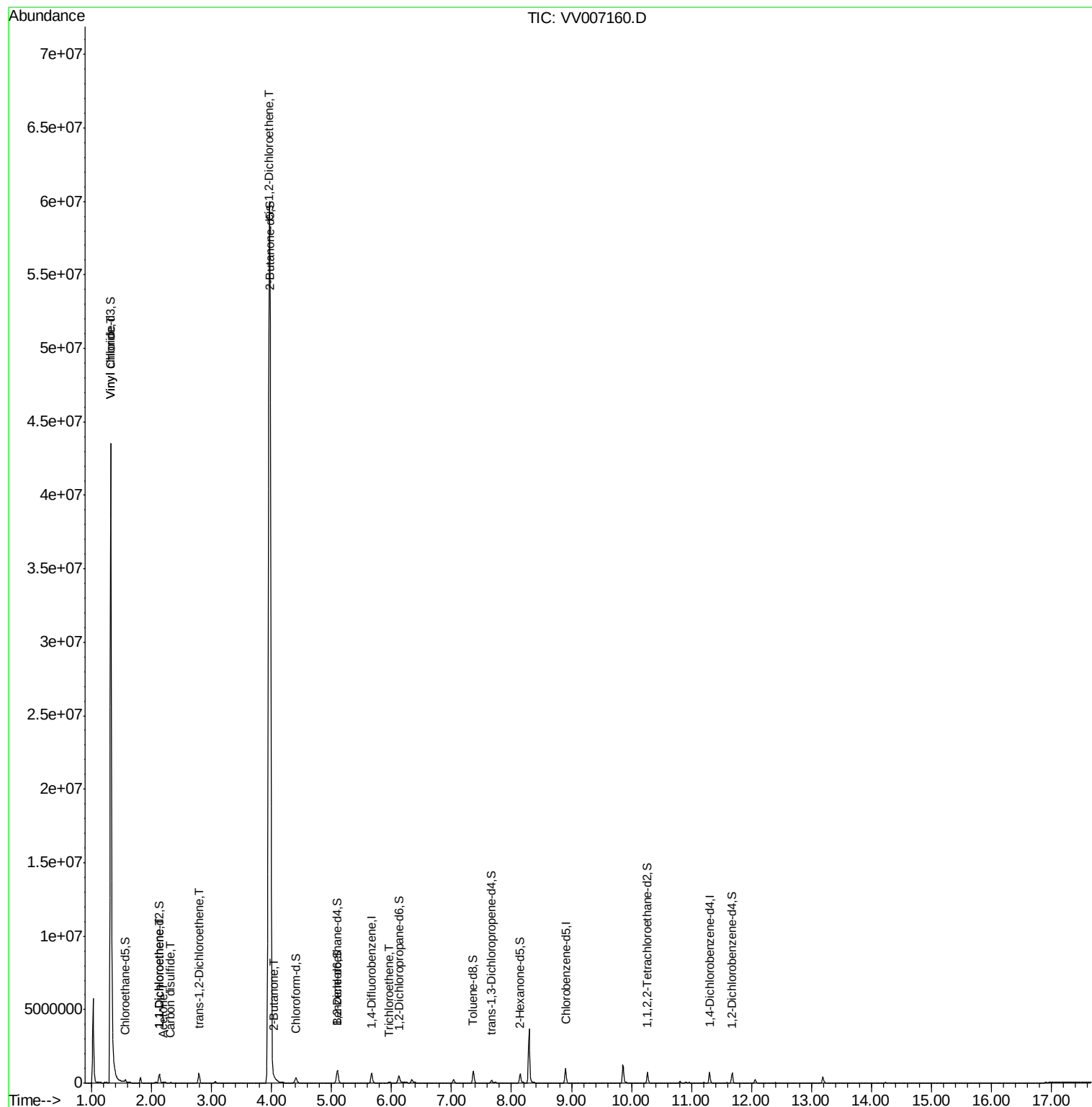
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082318\
Data File : VV007160.D
Acq On : 23 Aug 2018 23:52
Operator : SY/MD
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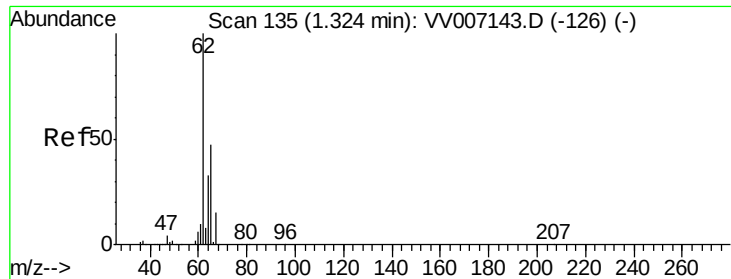
Instrument :
MSVOA_V
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:07:07 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4020.23 ug/L m

RT: 1.31 min Scan# 131

Delta R.T. -0.01 min

Lab File: VV007160.D

Acq: 23 Aug 2018 23:52

Instrument :

MSVOA_V

ClientSampleId :

ETBL0

Tot Ion: 62 Resp: 22903325

Ion Ratio Lower Upper

62 100

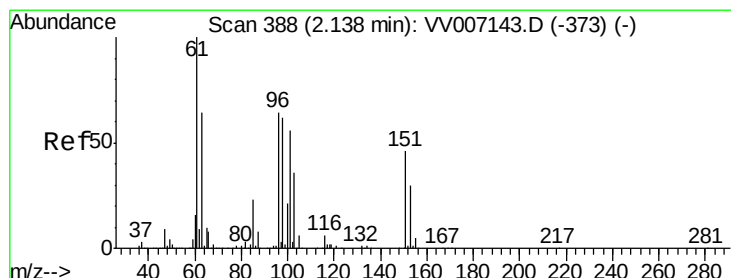
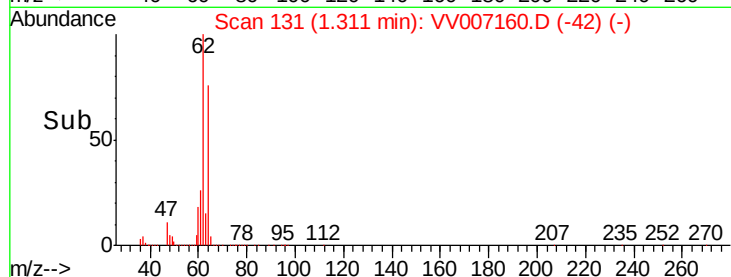
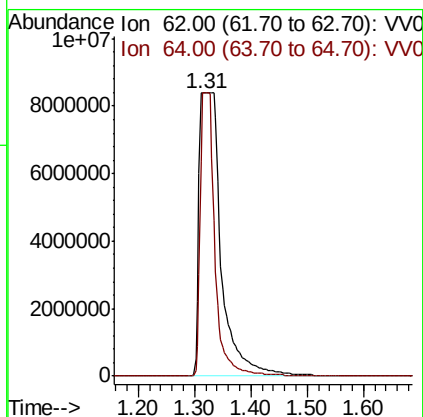
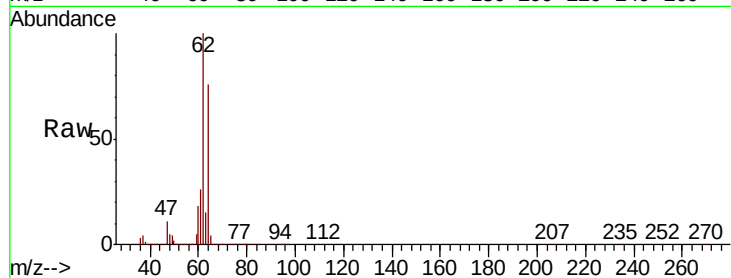
64 75.7 23.4 43.4#

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#12

1,1-Dichloroethene

Concen: 22.76 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007160.D

Acq: 23 Aug 2018 23:52

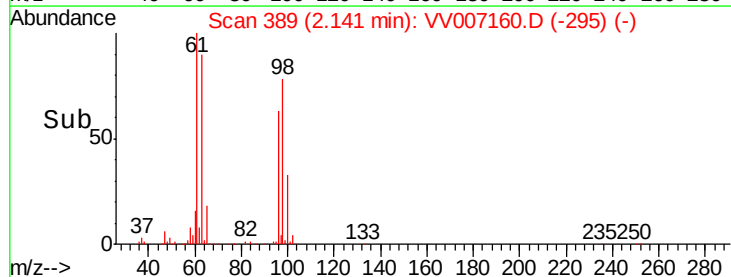
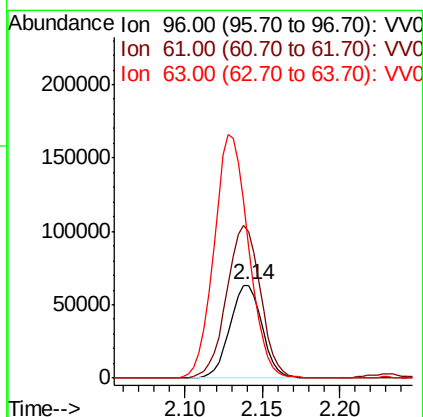
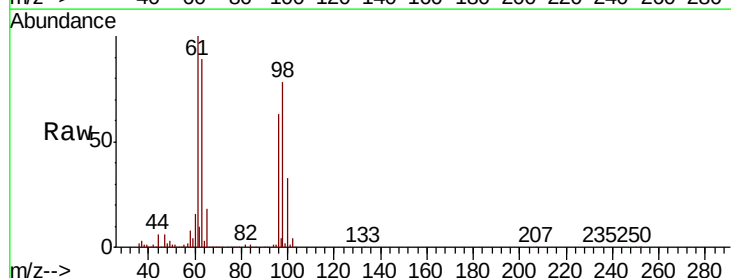
Tgt Ion: 96 Resp: 90869

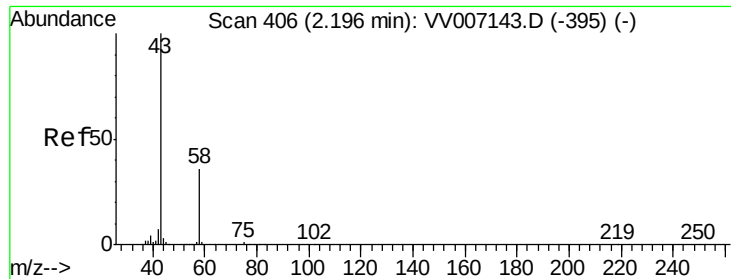
Ion Ratio Lower Upper

96 100

61 158.4 110.0 204.2

63 141.7 81.8 152.0





#13

Acetone

Concen: 12.74 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV007160.D

Acq: 23 Aug 2018 23:52

Instrument :

MSVOA_V

ClientSampleId :

ETBL0

Tot Ion: 43 Resp: 32068

Ion Ratio Lower Upper

43 100

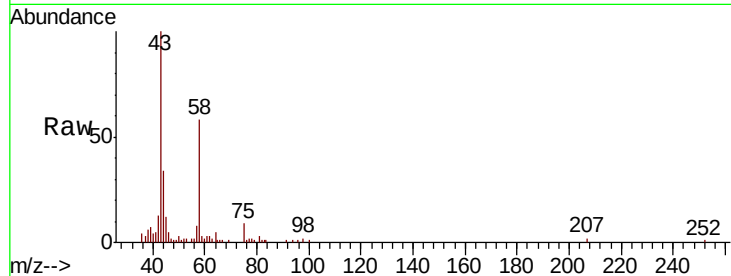
58 62.4 0.0 73.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

80000

60000

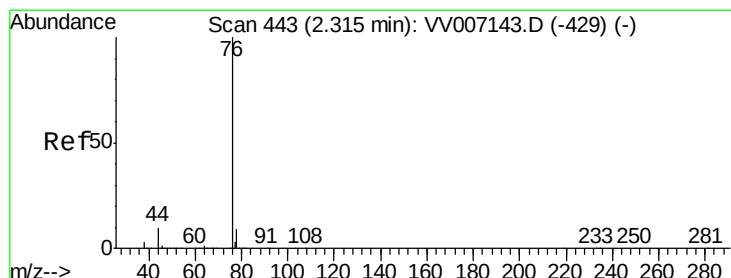
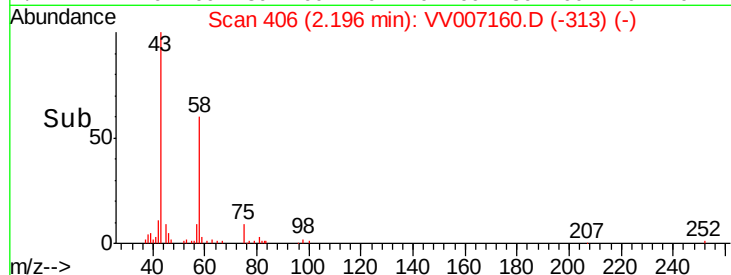
40000

20000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 2.31 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV007160.D

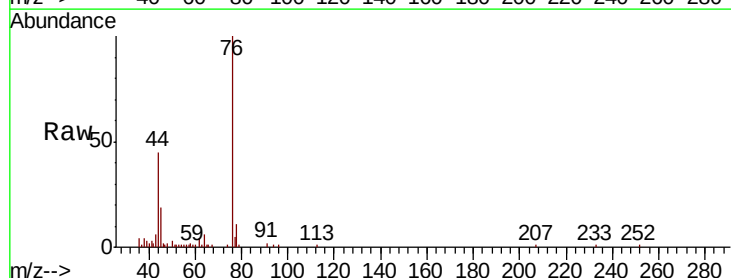
Acq: 23 Aug 2018 23:52

Tgt Ion: 76 Resp: 28179

Ion Ratio Lower Upper

76 100

78 10.7 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

15000

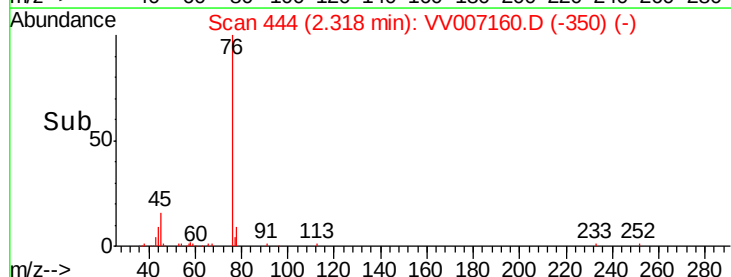
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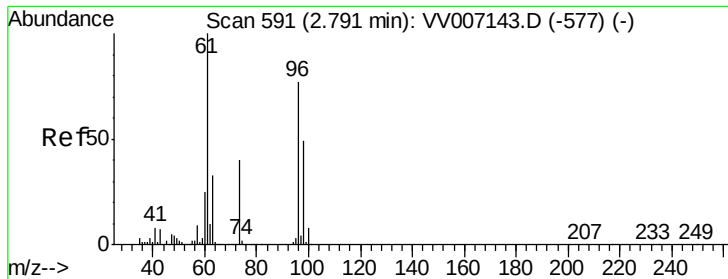
5000

0

2.25 2.30 2.35 2.40

Time-->





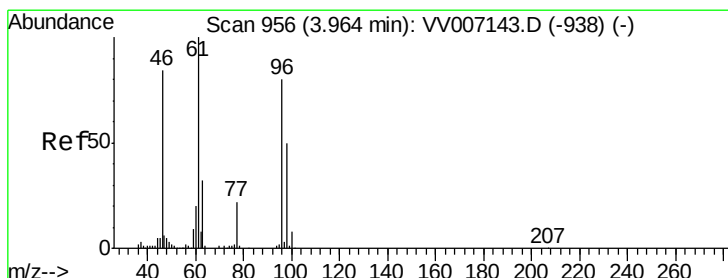
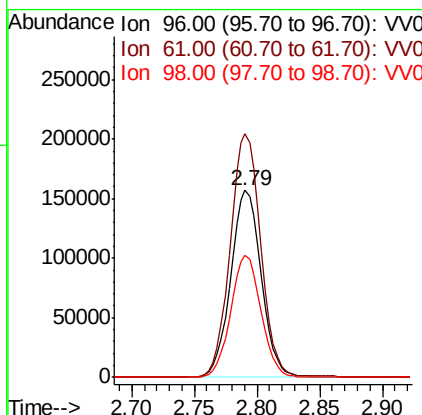
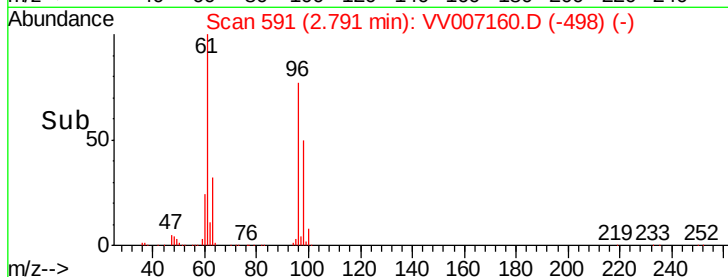
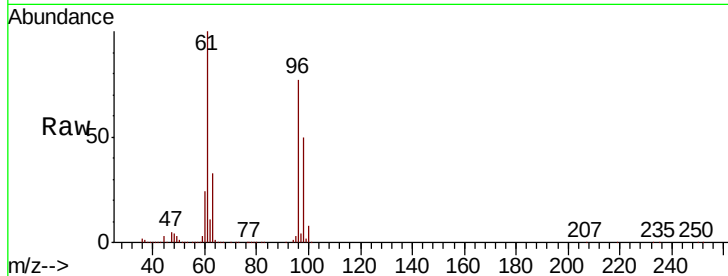
#17
trans-1,2-Dichloroethene
Concen: 61.20 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV007160.D
Acq: 23 Aug 2018 23:52

Instrument :
MSVOA_V
ClientSampled :
ETBL0

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	89.1	165.5
98	65.1	43.6	81.0

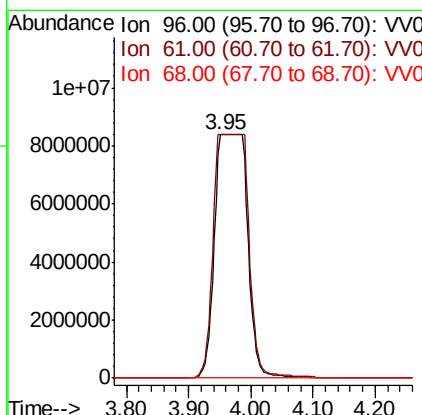
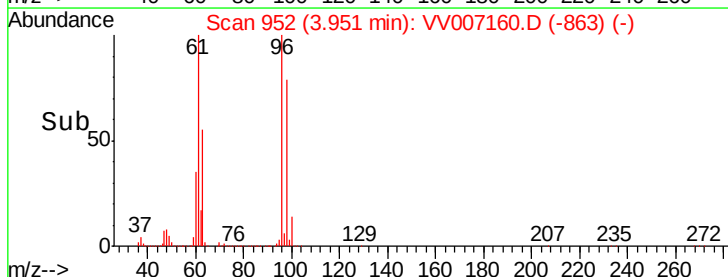
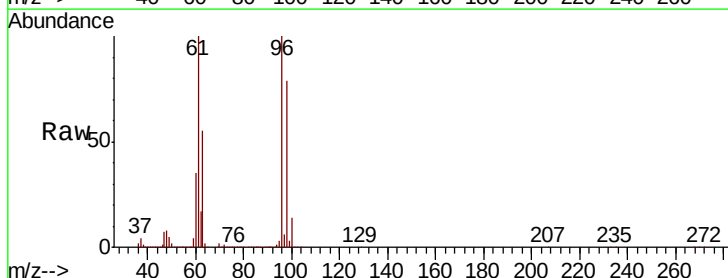
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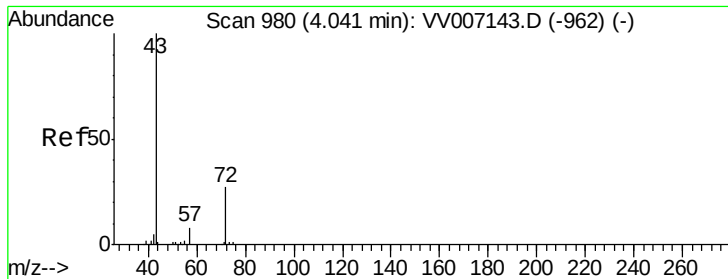
sam
8/24/2018 3:00:31 PM



#20
cis-1,2-Dichloroethene
Concen: 6044.11 ug/L m
RT: 3.95 min Scan# 952
Delta R.T. -0.01 min
Lab File: VV007160.D
Acq: 23 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.0	89.0	165.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 14.56 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.00 min

Lab File: VV007160.D

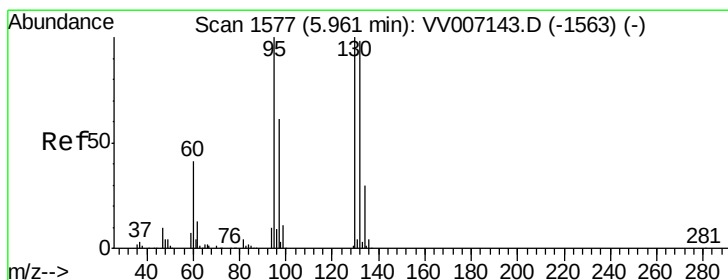
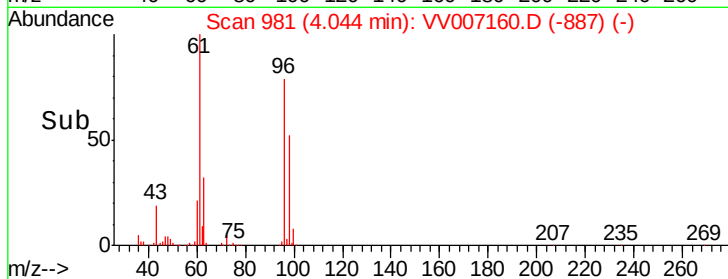
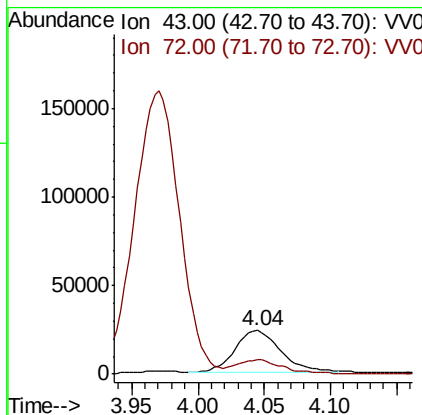
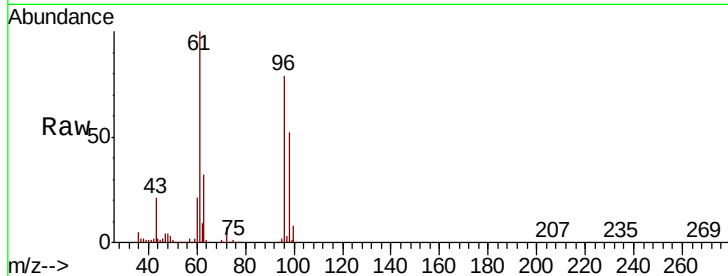
Acq: 23 Aug 2018 23:52

Instrument :
MSVOA_V
ClientSampleId :
ETBL0

Tot Ion	Ratio	Lower	Upper
43	100		
72	34.8	13.6	40.8

Manual Integrations
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#34

Trichloroethene

Concen: 4.78 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007160.D

Acq: 23 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.1	83.9
132	103.0	69.7	129.4
130	108.3	73.6	136.6

