

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017814.D
 Acq On : 06 Aug 2020 15:13
 Operator : SY/MD
 Sample : L3590-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L53

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:53:05 PM

Quant Time: Aug 07 06:27:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184601	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	183173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	102656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37334	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.94%
7) Chloroethane-d5	1.57	69	36679	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.44%
11) 1,1-Dichloroethene-d2	2.12	63	73613	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.91	46	67114	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.37	84	120073	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.05	65	95990	53.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.84%
32) Benzene-d6	5.07	84	200086	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.09	67	53141	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.80%
41) Toluene-d8	7.34	98	201637	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.64	79	24745	31.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.56%
47) 2-Hexanone-d5	8.11	63	48064	93.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	83602	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	104920	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.31	62	13218	10.093	ug/L #	1
13) Acetone	2.19	43	4015m	4.671	ug/L	
14) Carbon disulfide	2.31	76	3336	0.974	ug/L #	90
17) trans-1,2-Dichloroethene	2.78	96	3913	3.123	ug/L #	80
20) cis-1,2-Dichloroethene	3.93	96	8418m	6.291	ug/L	
34) Trichloroethene	5.94	95	2312m	1.637	ug/L	

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

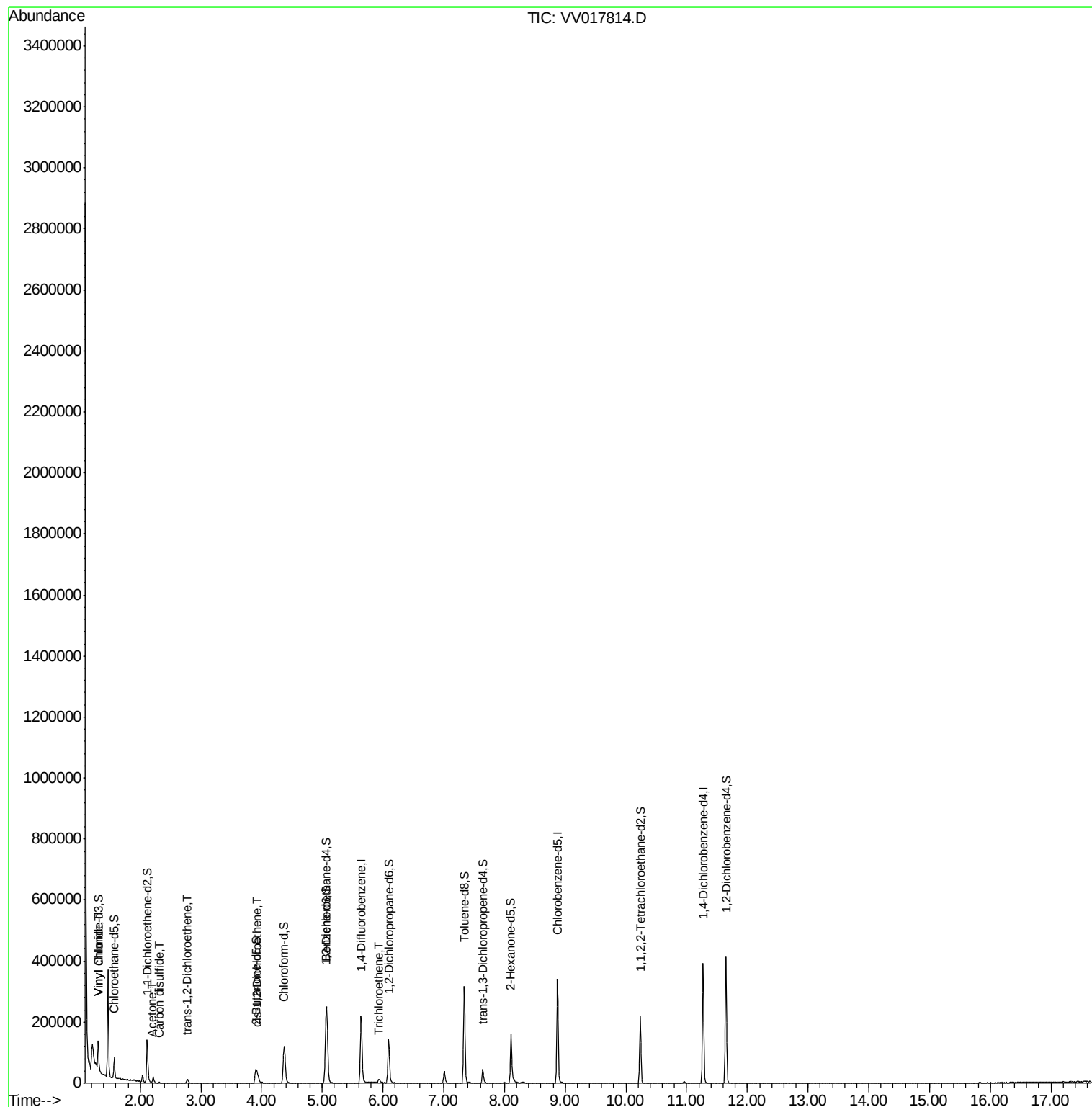
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080620\
Data File : VV017814.D
Acq On : 06 Aug 2020 15:13
Operator : SY/MD
Sample : L3590-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

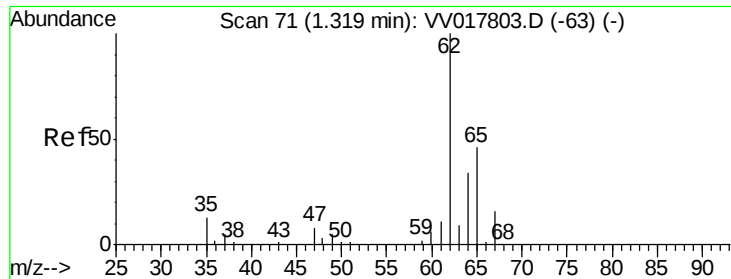
Instrument :
MSVOA_V
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Quant Time: Aug 07 06:27:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.093 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

F2L53

Tot Ion: 62 Resp: 13218

Ion Ratio Lower Upper

62 100

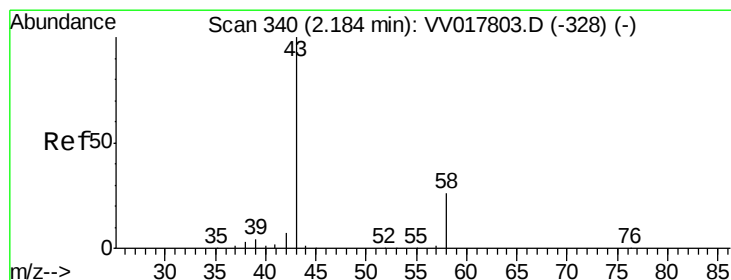
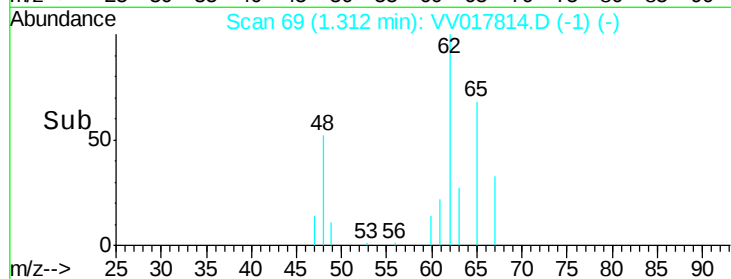
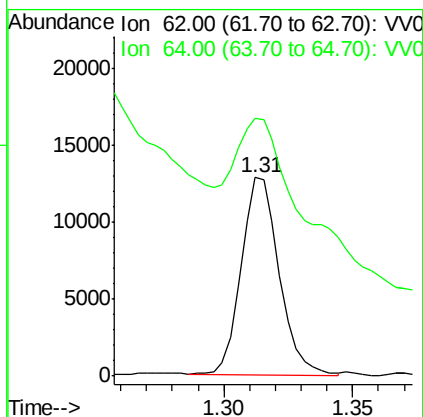
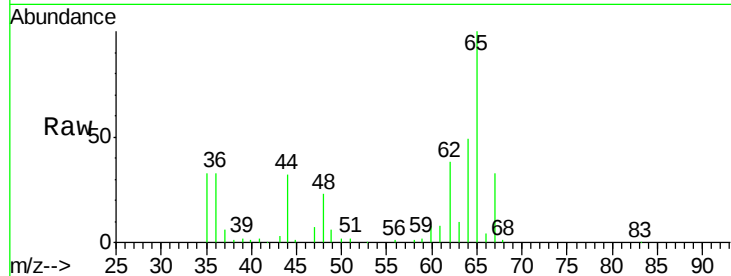
64 130.0 22.9 42.5#

Manual Integrations

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#13

Acetone

Concen: 4.671 ug/L m

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV017814.D

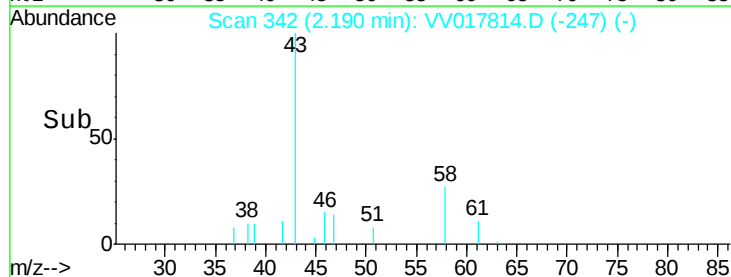
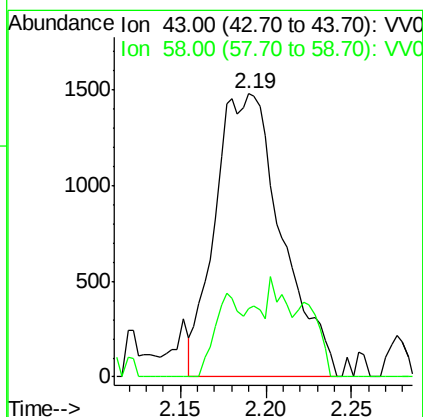
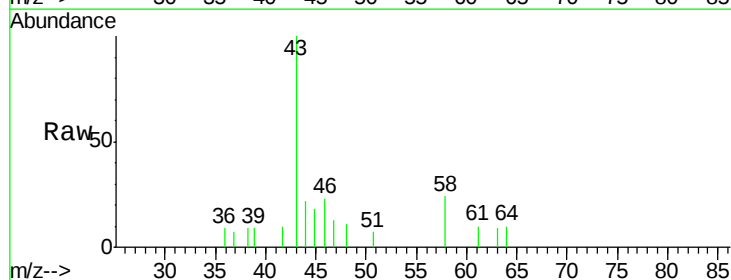
Acq: 06 Aug 2020 15:13

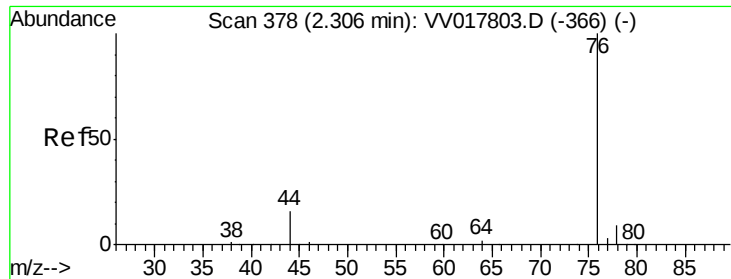
Tgt Ion: 43 Resp: 4015

Ion Ratio Lower Upper

43 100

58 11.6 0.0 52.6





#14

Carbon disulfide

Concen: 0.974 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampleId :

F2L53

Tot Ion: 76 Resp: 3336

Ion Ratio Lower Upper

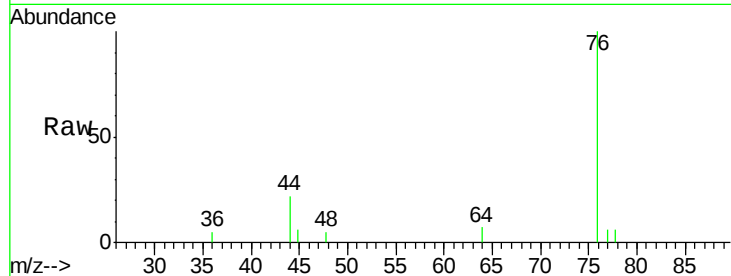
76 100

78 5.6 7.3 10.9#

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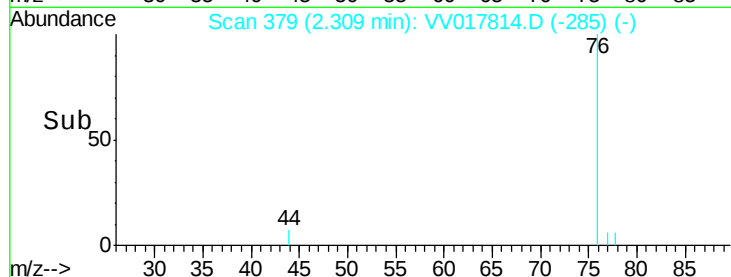


Abundance Ion 76.00 (75.70 to 76.70): VV017803.D (-366) (-)

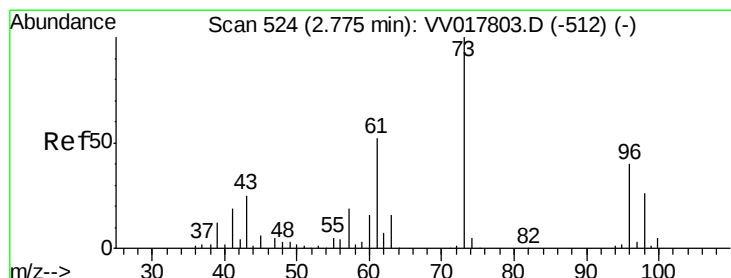
Ion 78.00 (77.70 to 78.70): VV017803.D (-366) (-)

2.31

2.35



Time-->



#17

trans-1,2-Dichloroethene

Concen: 3.123 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017814.D

Acq: 06 Aug 2020 15:13

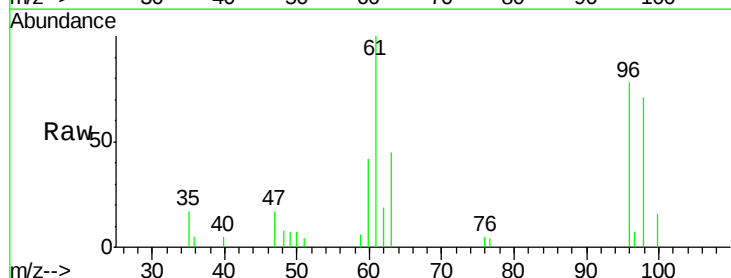
Tgt Ion: 96 Resp: 3913

Ion Ratio Lower Upper

96 100

61 118.5 96.2 178.8

98 84.4 43.2 80.2#



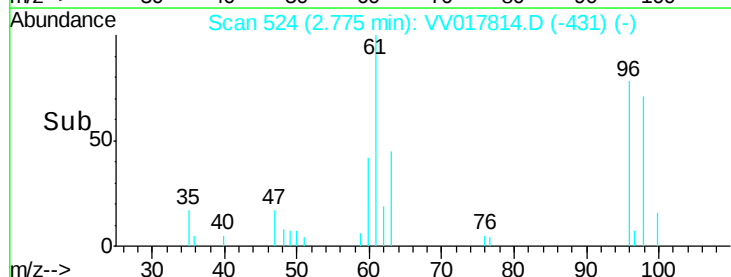
Abundance Ion 96.00 (95.70 to 96.70): VV017803.D (-512) (-)

Ion 61.00 (60.70 to 61.70): VV017803.D (-512) (-)

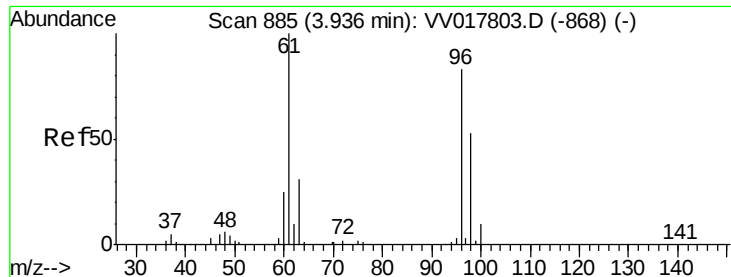
Ion 98.00 (97.70 to 98.70): VV017803.D (-512) (-)

2.78

2.80



Time-->



#20

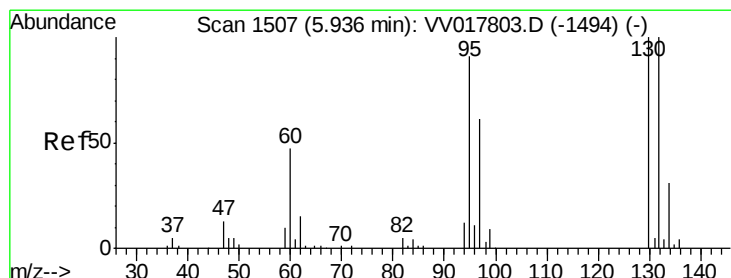
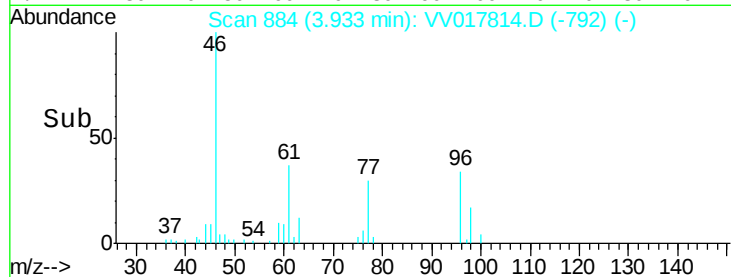
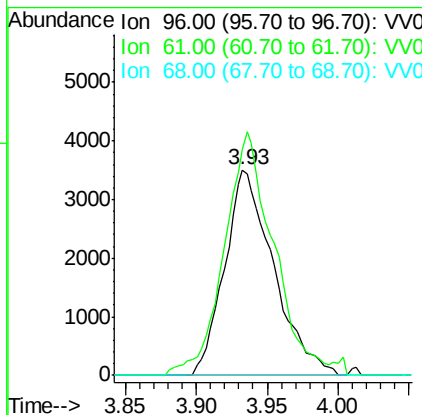
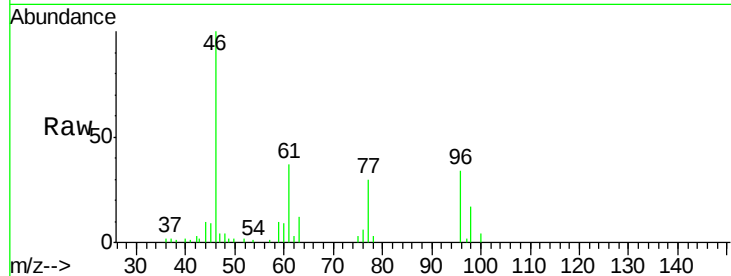
cis-1,2-Dichloroethene
Concen: 6.291 ug/L m
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017814.D
Acq: 06 Aug 2020 15:13

Instrument :
MSVOA_V
ClientSampled :
F2L53

Tot Ion	Ratio	Lower	Upper
96	100		
61	109.7	87.3	162.1
68	0.0	0.0	0.0

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8/7/2020 12:53:05 PM



#34

Trichloroethene
Concen: 1.637 ug/L m
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017814.D
Acq: 06 Aug 2020 15:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.3	84.1
132	77.4	71.4	132.6
130	82.4	75.3	139.9

