

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016727.D
 Acq On : 09 Jun 2020 19:12
 Operator : SY/MD
 Sample : L2901-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS3

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 3:51:59 PM

Quant Time: Jun 10 04:26:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170349	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	82479	33.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.10%
7) Chloroethane-d5	1.56	69	58906	39.93	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.86%
11) 1,1-Dichloroethene-d2	2.12	63	110224	26.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.40%#
21) 2-Butanone-d5	3.89	46	199689	109.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.73%
24) Chloroform-d	4.37	84	210021	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.05	65	151009	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
32) Benzene-d6	5.07	84	390232	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.54%
36) 1,2-Dichloropropane-d6	6.09	67	127633	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.52%
41) Toluene-d8	7.34	98	347156	39.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.08%#
43) trans-1,3-Dichloropropene-	7.64	79	61916	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.72%
47) 2-Hexanone-d5	8.11	63	141539	107.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190888	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	164456	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	841359	338.659	ug/L	100
13) Acetone	2.17	43	48539	40.482	ug/L	98
14) Carbon disulfide	2.31	76	4208m	0.672	ug/L	
15) Methyl Acetate	2.44	43	35105	13.136	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	3377	1.432	ug/L	88
20) cis-1,2-Dichloroethene	3.93	96	812228	315.955	ug/L	99
22) 2-Butanone	3.98	43	158524	85.736	ug/L	97

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

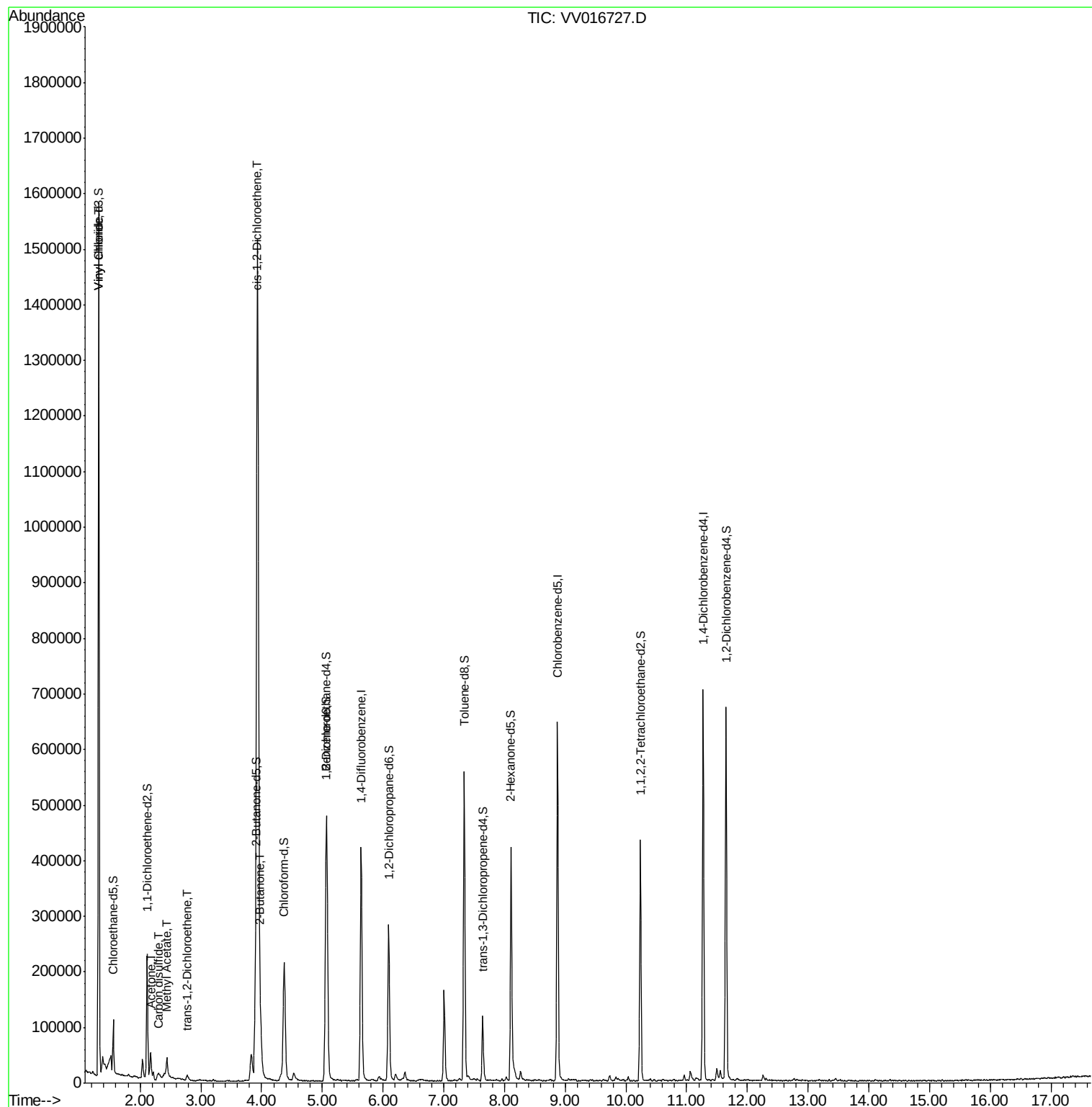
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060920\
Data File : VV016727.D
Acq On : 09 Jun 2020 19:12
Operator : SY/MD
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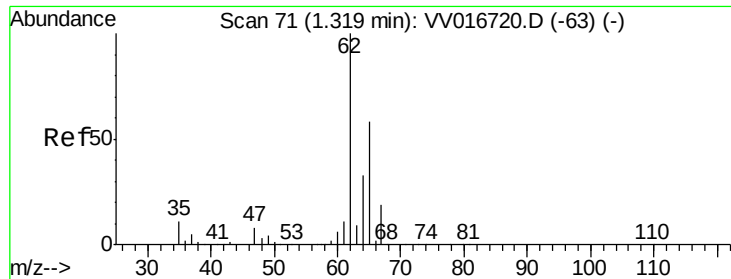
Instrument :
MSVOA_V
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ETTS3

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Quant Time: Jun 10 04:26:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 338.659 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016727.D

Acq: 09 Jun 2020 19:12

Instrument :

MSVOA_V

ClientSampleID :

ETTS3

Tot Ion: 62 Resp: 841359

Ion Ratio Lower Upper

62 100

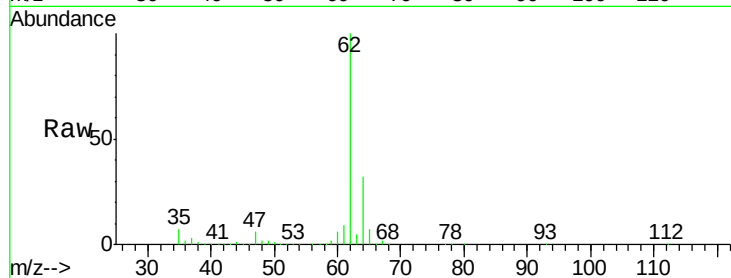
64 32.1 22.3 41.5

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

800000

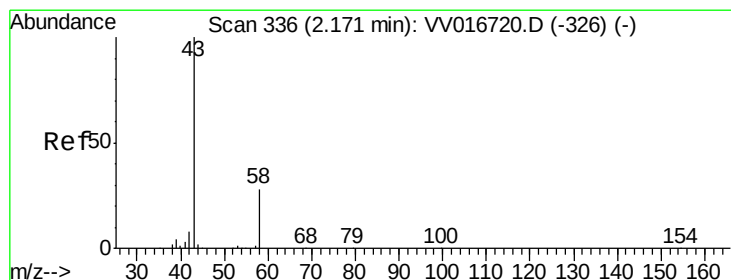
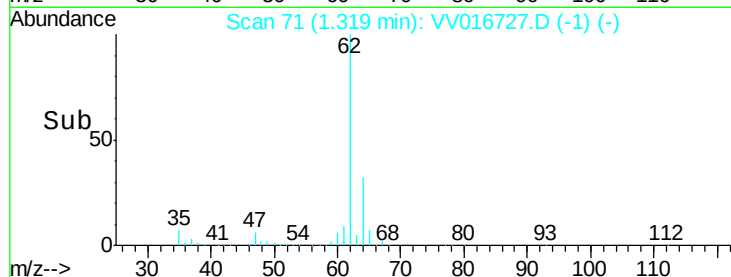
600000

400000

200000

0

Time-->



#13

Acetone

Concen: 40.482 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016727.D

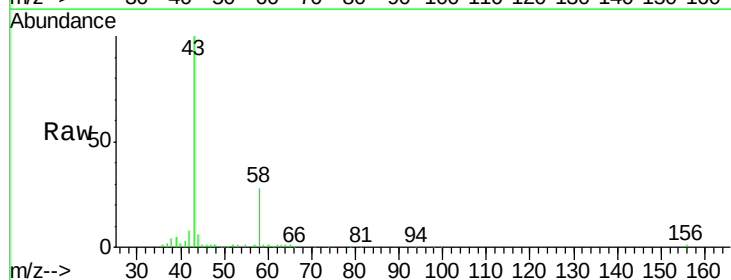
Acq: 09 Jun 2020 19:12

Tgt Ion: 43 Resp: 48539

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.17

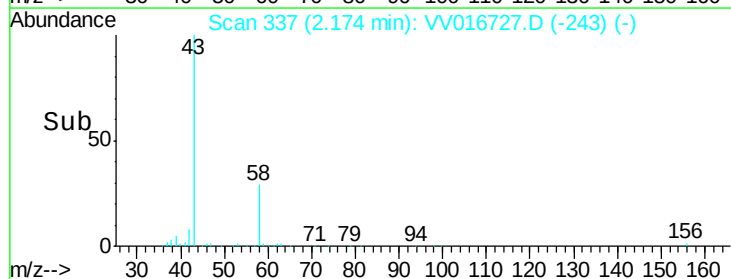
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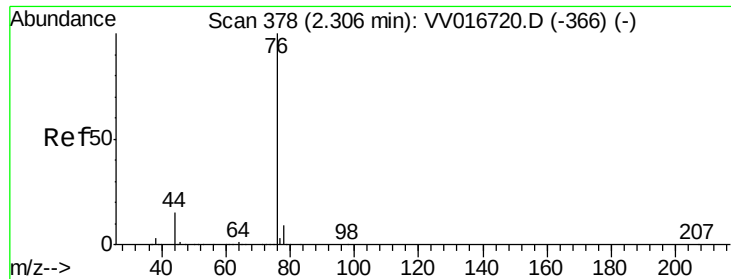
20000

10000

0

Time-->





#14

Carbon disulfide

Concen: 0.672 ug/L m

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV016727.D

Acq: 09 Jun 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

ETTS3

Tot Ion: 76 Resp: 4208

Ion Ratio Lower Upper

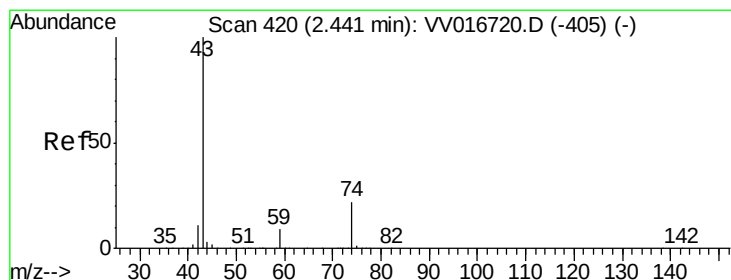
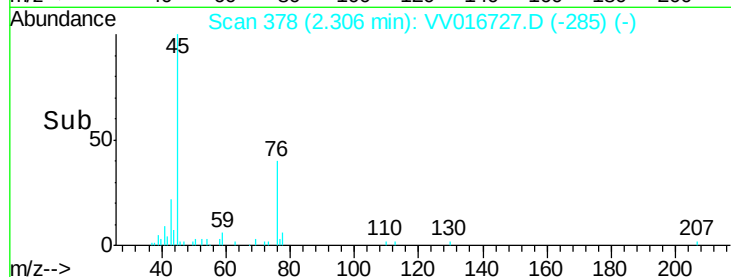
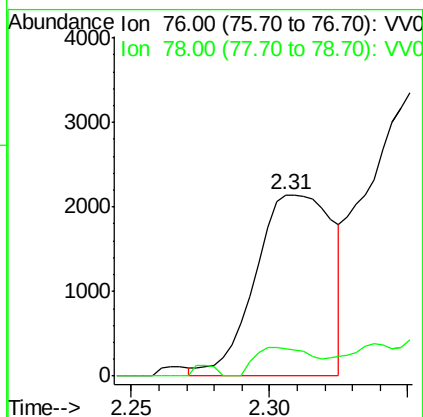
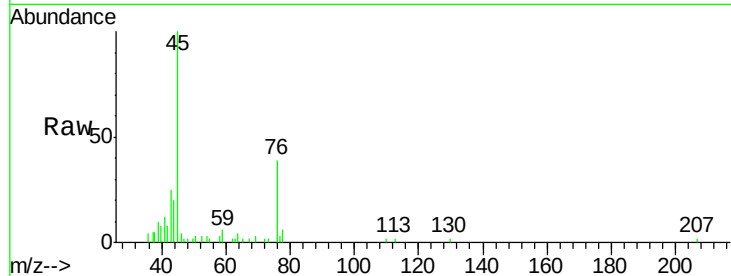
76 100

78 14.8 7.4 11.0#

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#15

Methyl Acetate

Concen: 13.136 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.00 min

Lab File: VV016727.D

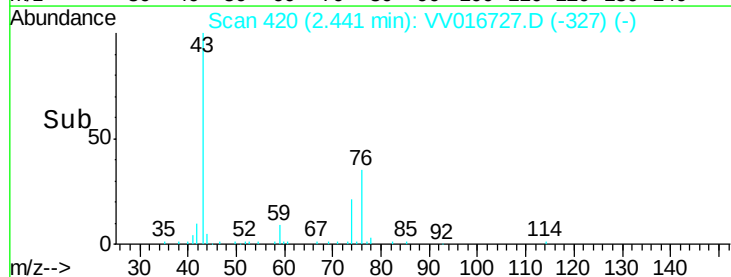
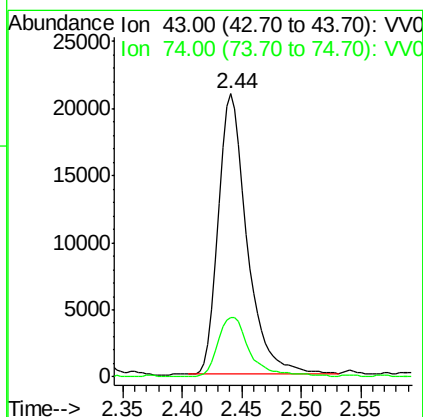
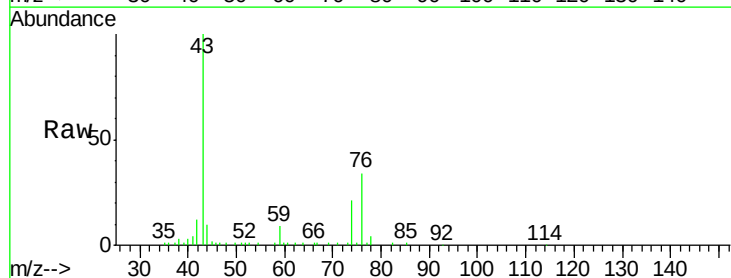
Acq: 09 Jun 2020 19:12

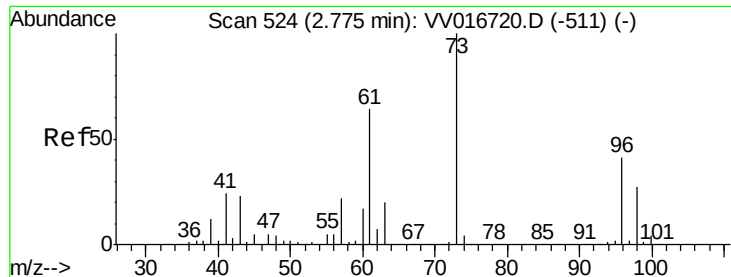
Tgt Ion: 43 Resp: 35105

Ion Ratio Lower Upper

43 100

74 23.9 17.9 26.9





#17

trans-1,2-Dichloroethene

Concen: 1.432 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016727.D

Acq: 09 Jun 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

ETTS3

Tot Ion: 96 Resp: 3377

Ion Ratio Lower Upper

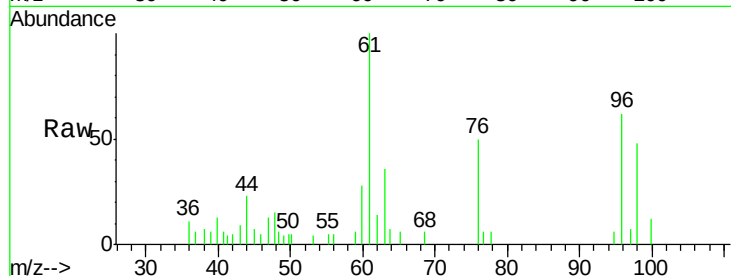
96 100

61 160.8 102.9 191.1

98 77.2 45.5 84.5

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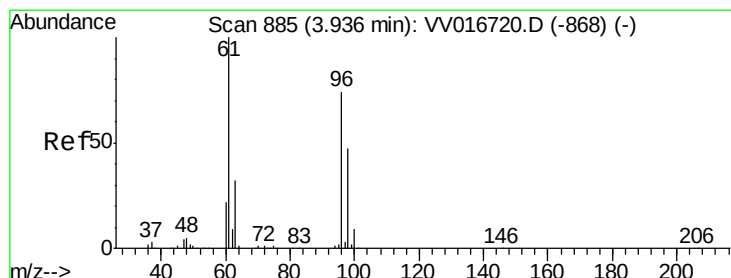
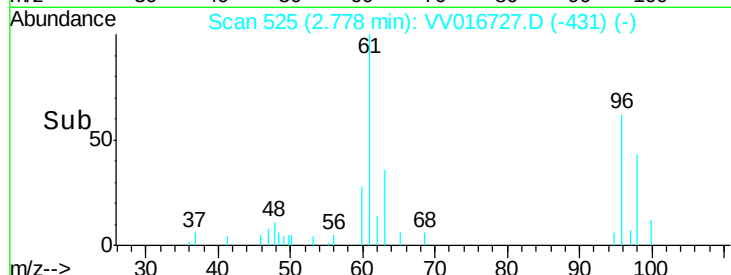
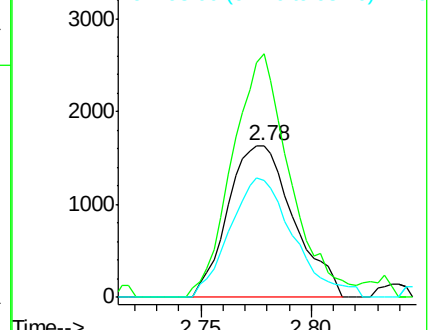
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Abundance Ion 96.00 (95.70 to 96.70): VV016727.D (-511) (-)

Ion 61.00 (60.70 to 61.70): VV016727.D (-511) (-)

Ion 98.00 (97.70 to 98.70): VV016727.D (-511) (-)



#20

cis-1,2-Dichloroethene

Concen: 315.955 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016727.D

Acq: 09 Jun 2020 19:12

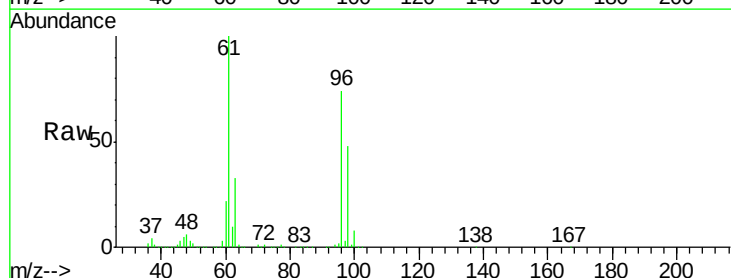
Tgt Ion: 96 Resp: 812228

Ion Ratio Lower Upper

96 100

61 134.8 93.4 173.4

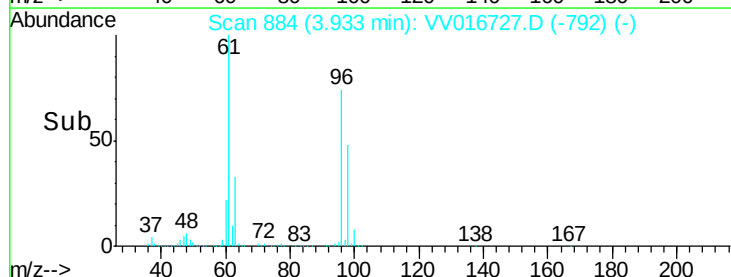
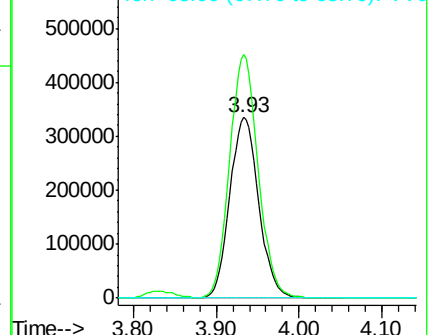
68 0.0 0.0 0.0

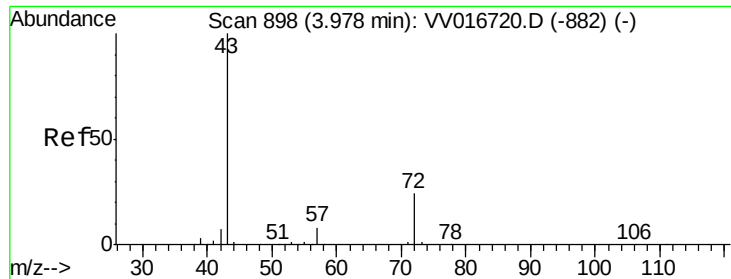


Abundance Ion 96.00 (95.70 to 96.70): VV016727.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV016727.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV016727.D (-868) (-)





#22
 2-Butanone
 Concen: 85.736 ug/L
 RT: 3.98 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VV016727.D
 Acq: 09 Jun 2020 19:12

Instrument :
 MSVOA_V
 ClientSampleId :
 ETT53

Tot Ion	Ratio	Lower	Upper
43	100		
72	23.4	12.4	37.4

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