

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016518.D
 Acq On : 04 Jun 2020 18:53
 Operator : SY/MD
 Sample : L2849-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT6

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 1:07:48 PM

Quant Time: Jun 05 05:33:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160888	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91644	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.62%
7) Chloroethane-d5	1.56	69	74795	42.18	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.36%
11) 1,1-Dichloroethene-d2	2.12	63	124571	28.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.22%#
21) 2-Butanone-d5	3.89	46	203278	129.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.44%
24) Chloroform-d	4.37	84	214673	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
26) 1,2-Dichloroethane-d4	5.05	65	150271	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.07	84	422696	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
36) 1,2-Dichloropropane-d6	6.09	67	137070	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	386440	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.64	79	60471	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.11	63	155125	132.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.46%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197153	53.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	164073	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	454663	170.698	ug/L	100
8) Chloroethane	1.57	64	1357	0.909	ug/L #	79
13) Acetone	2.17	43	20384	13.887	ug/L	99
15) Methyl Acetate	2.44	43	143985	53.371	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	11776	4.848	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	225095	85.863	ug/L	99
22) 2-Butanone	4.01	43	9107m	5.000	ug/L	
34) Trichloroethene	5.94	95	20630	8.160	ug/L	93

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

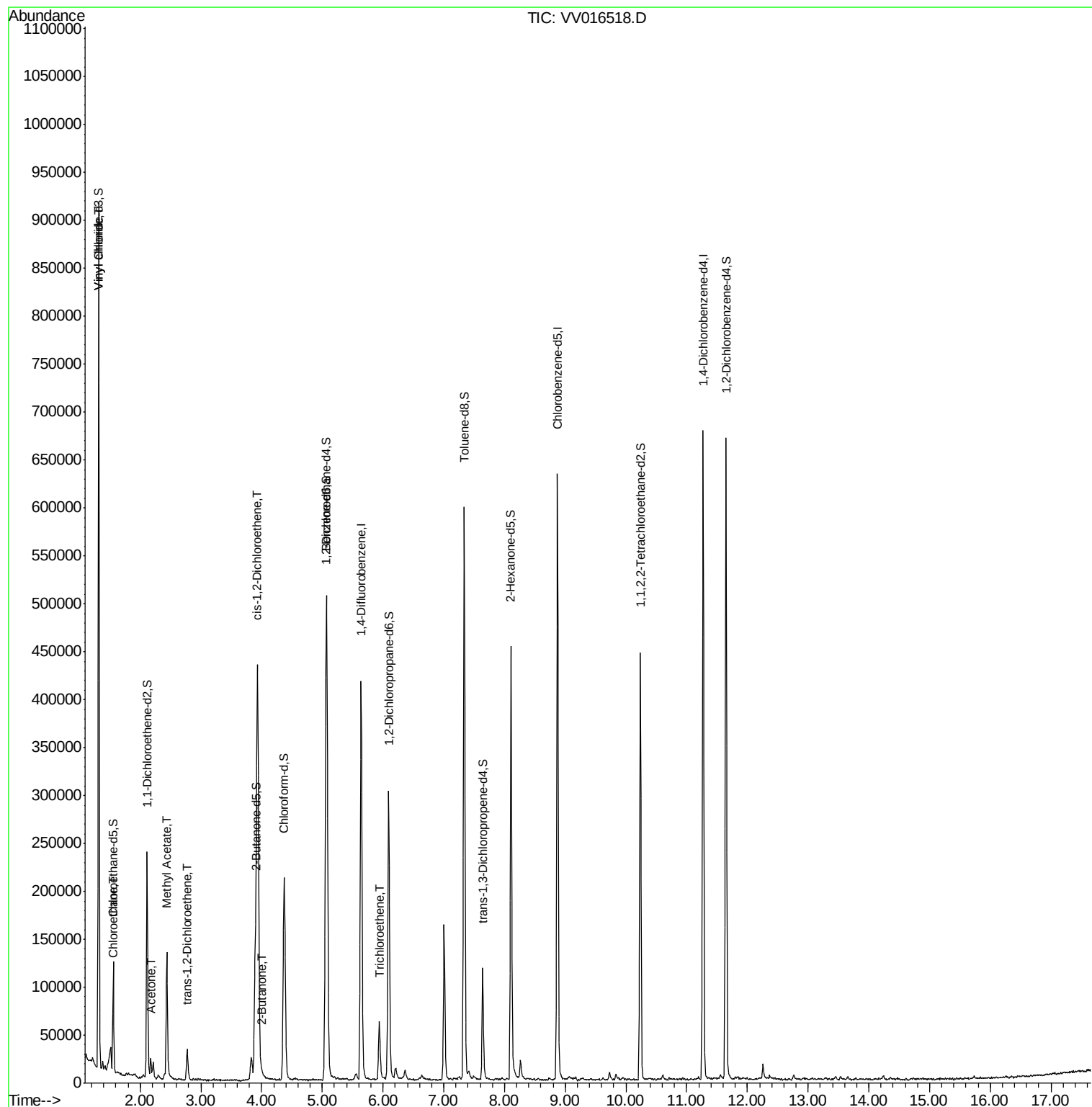
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060420\
Data File : VV016518.D
Acq On : 04 Jun 2020 18:53
Operator : SY/MD
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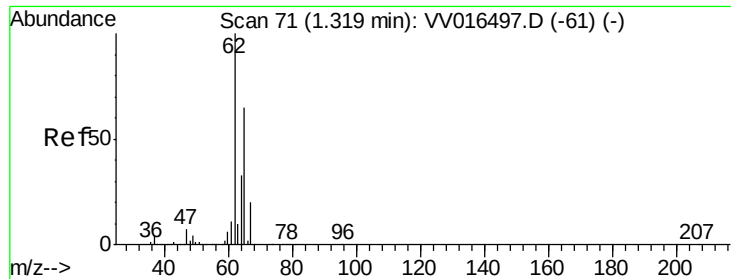
Instrument :
MSVOA_V
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Quant Time: Jun 05 05:33:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 170.698 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

Instrument :

MSVOA_V

ClientSampleID :

ETTT6

Tot Ion: 62 Resp: 454663

Ion Ratio Lower Upper

62 100

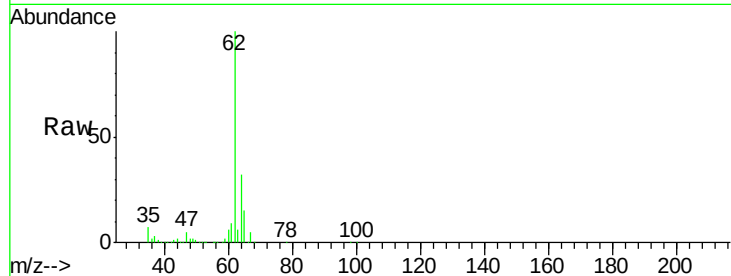
64 32.5 22.7 42.1

Manual Integrations

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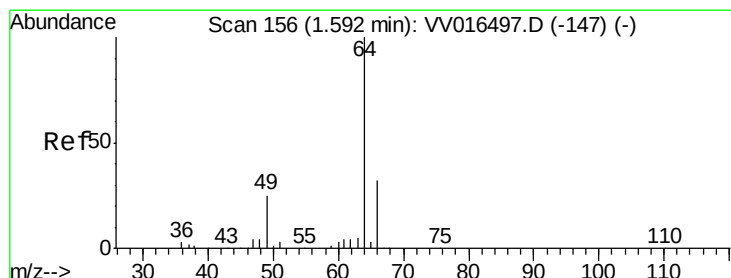
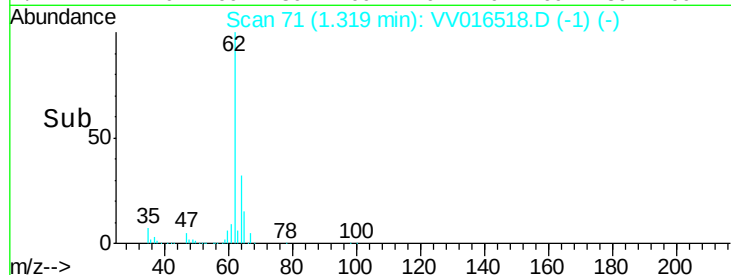
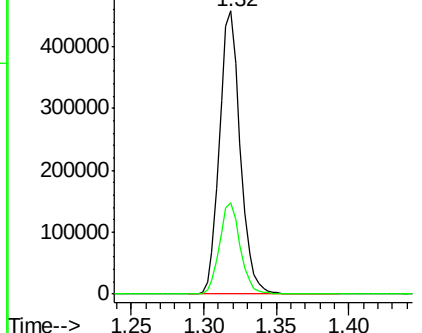
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 0.909 ug/L

RT: 1.57 min Scan# 150

Delta R.T. -0.02 min

Lab File: VV016518.D

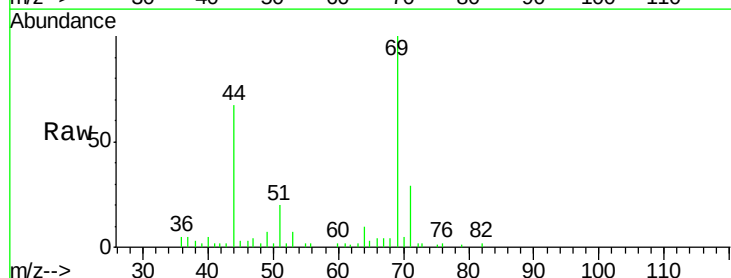
Acq: 04 Jun 2020 18:53

Tgt Ion: 64 Resp: 1357

Ion Ratio Lower Upper

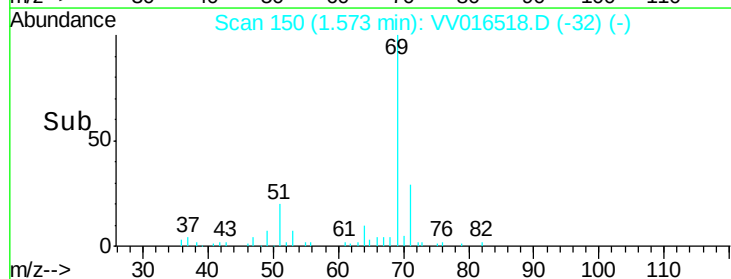
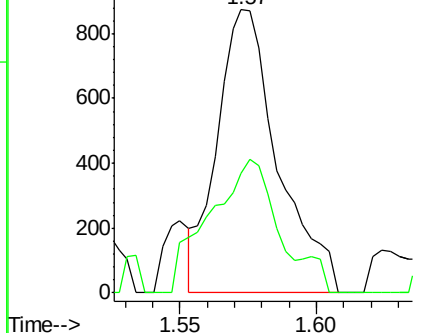
64 100

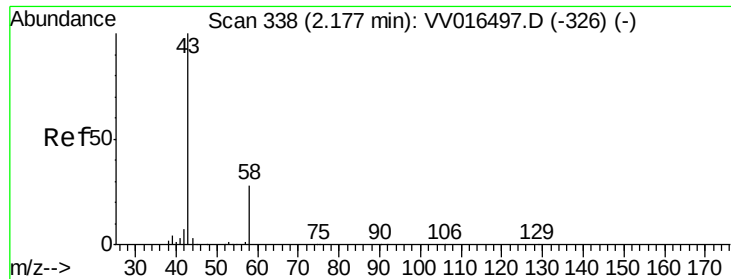
66 42.3 21.4 39.8#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 13.887 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

Instrument :

MSVOA_V

ClientSampleId :

ETTT6

Tot Ion: 43 Resp: 20384

Ion Ratio Lower Upper

43 100

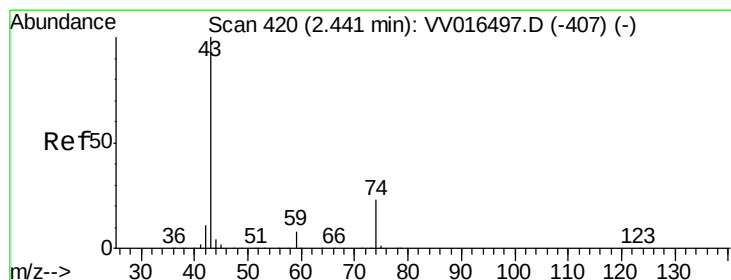
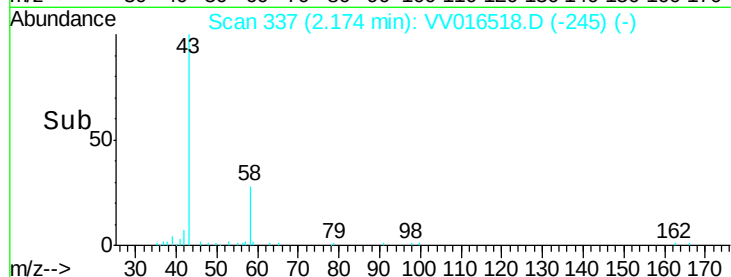
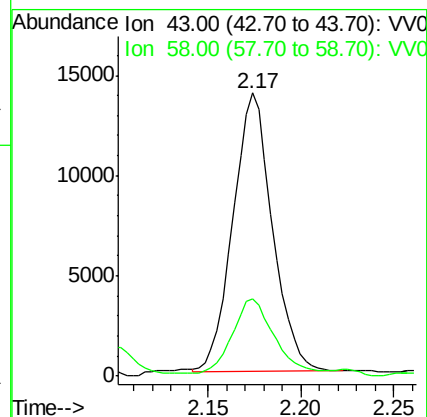
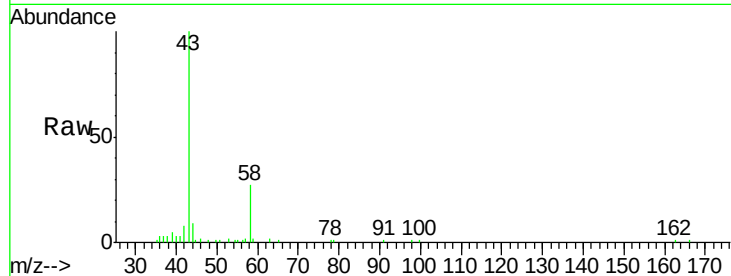
58 27.9 0.0 57.2

Manual Integrations

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#15

Methyl Acetate

Concen: 53.371 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.00 min

Lab File: VV016518.D

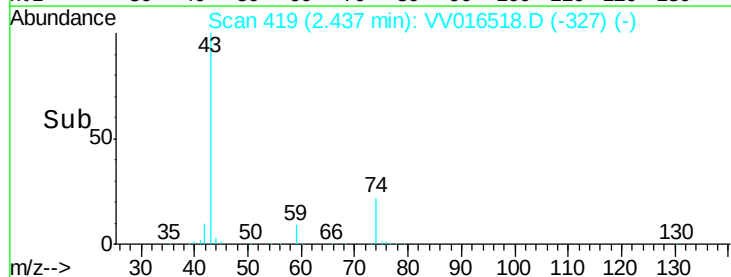
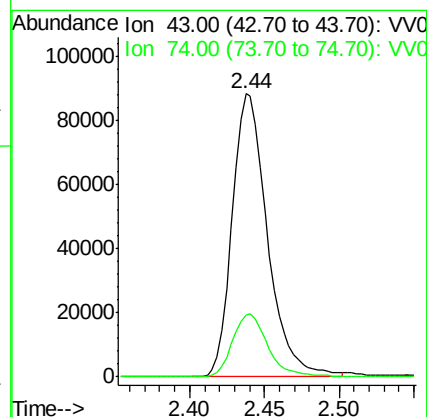
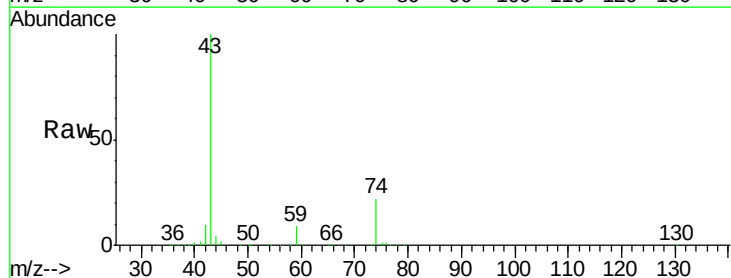
Acq: 04 Jun 2020 18:53

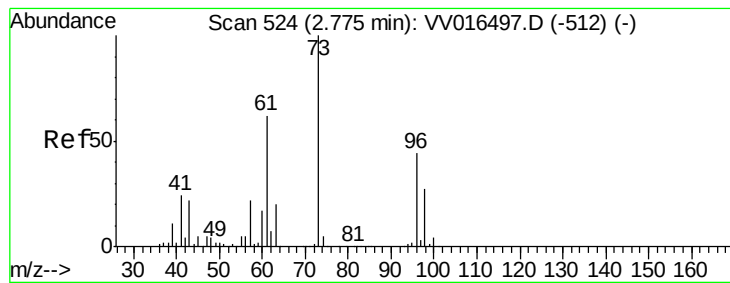
Tgt Ion: 43 Resp: 143985

Ion Ratio Lower Upper

43 100

74 22.4 18.1 27.1





#17

trans-1,2-Dichloroethene

Concen: 4.848 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

Instrument :

MSVOA_V

ClientSampled :

ETTT6

Tot Ion: 96 Resp: 11776

Ion Ratio Lower Upper

96 100

61 143.7 101.0 187.6

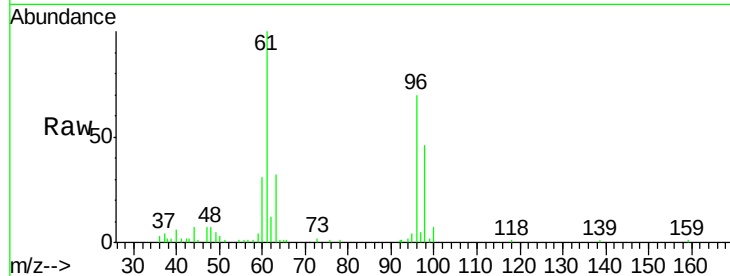
98 66.0 44.7 83.1

Manual Integrations

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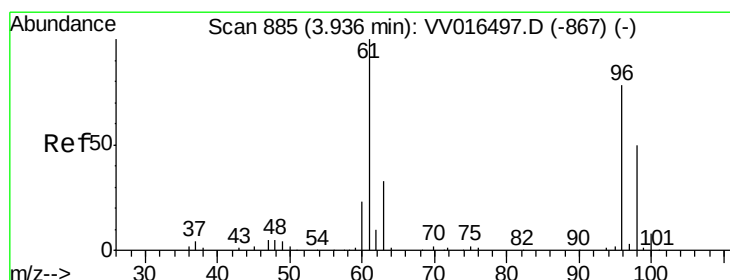
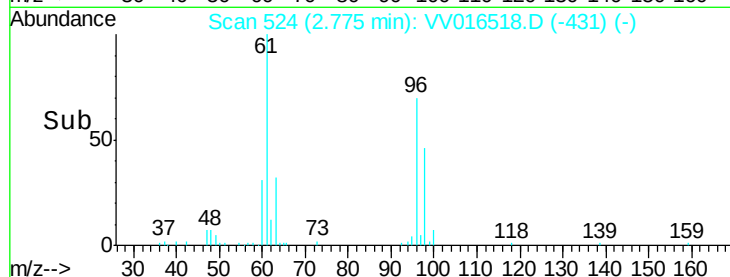
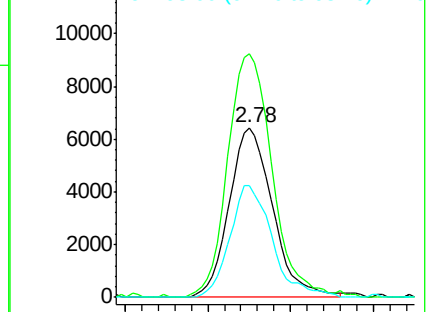


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 85.863 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

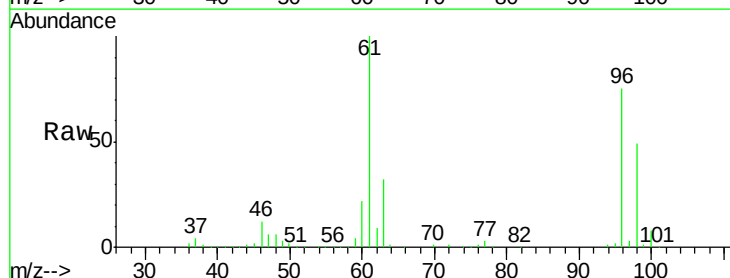
Tgt Ion: 96 Resp: 225095

Ion Ratio Lower Upper

96 100

61 132.6 93.4 173.4

68 0.0 0.0 0.0

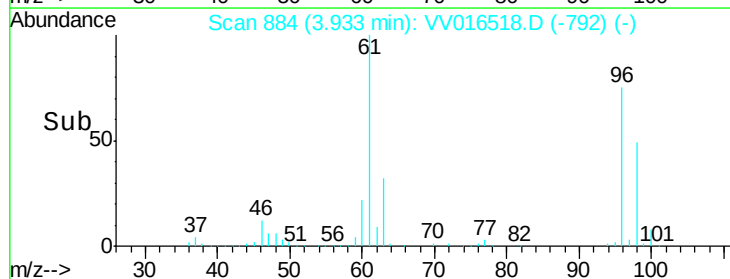
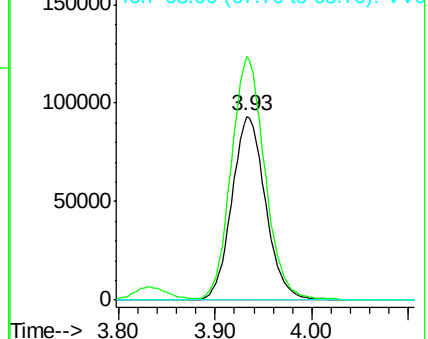


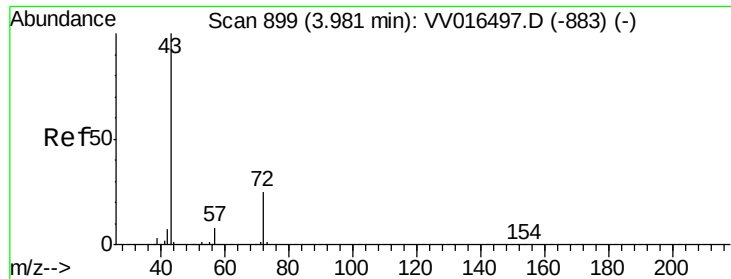
Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 5.000 ug/L m

RT: 4.01 min Scan# 908

Delta R.T. 0.03 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

Instrument :

MSVOA_V

ClientSampleId :

ETTT6

Tot Ion: 43 Resp: 9107

Ion Ratio Lower Upper

43 100

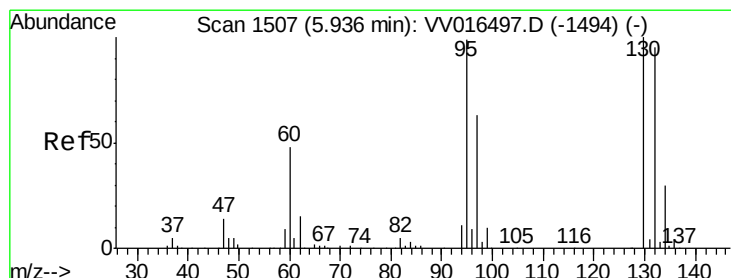
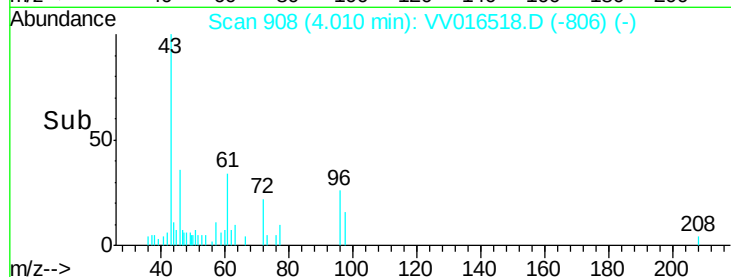
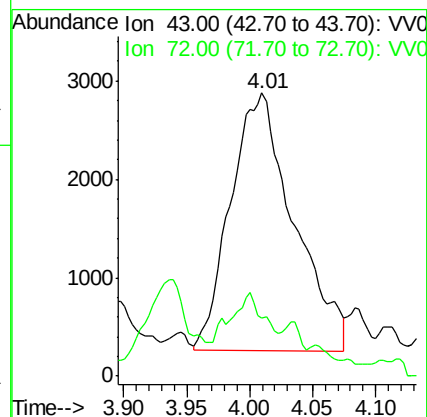
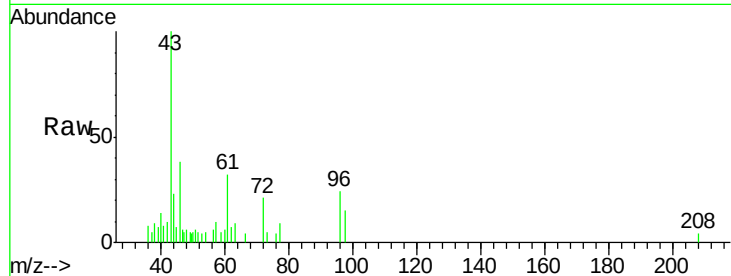
72 0.7 12.8 38.3#

Manual Integrations

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#34

Trichloroethene

Concen: 8.160 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016518.D

Acq: 04 Jun 2020 18:53

Tgt Ion: 95 Resp: 20630

Ion Ratio Lower Upper

95 100

97 73.5 42.8 79.6

132 97.6 65.6 121.8

130 102.7 69.0 128.1

