

Data File : VV016543.D
Acq On : 05 Jun 2020 18:04
Operator : SY/MD
Sample : L2861-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Manual Integrations
APPROVED

sam
6/6/2020 11:34:03 AM

Quant Time: Jun 06 08:22:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	403451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	125637	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.56	69	91717	43.02	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.04%
11) 1,1-Dichloroethene-d2	2.11	63	164626	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	3.90	46	188155	99.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.65%
24) Chloroform-d	4.37	84	248466	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.08	65	177935	47.95	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.09	84	494503	45.76	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.09	67	151613	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.04%
41) Toluene-d8	7.34	98	458182	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.64	79	70741	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
47) 2-Hexanone-d5	8.11	63	146118	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196711	43.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	186493	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

						Qvalue
13) Acetone	2.17	43	34775	19.706	ug/L	100
14) Carbon disulfide	2.30	76	7283	0.909	ug/L	95
22) 2-Butanone	3.99	43	64553	29.479	ug/L	97
29) Cyclohexane	4.70	56	269944	56.374	ug/L	100
33) Benzene	5.12	78	40996967m	3455.161	ug/L	
35) Methylcyclohexane	6.15	83	43793	9.799	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	133573	31.388	ug/L	99
42) Toluene	7.41	91	3362467	267.433	ug/L	99
48) 2-Hexanone	8.16	43	26878	8.124	ug/L #	96
52) Ethylbenzene	9.04	91	6323499	462.096	ug/L	99
53) m,p-Xylene	9.16	106	1572262	304.704	ug/L	99
54) o-xylene	9.57	106	1163309	232.785	ug/L	98
56) Isopropylbenzene	9.95	105	169262	13.040	ug/L	99

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

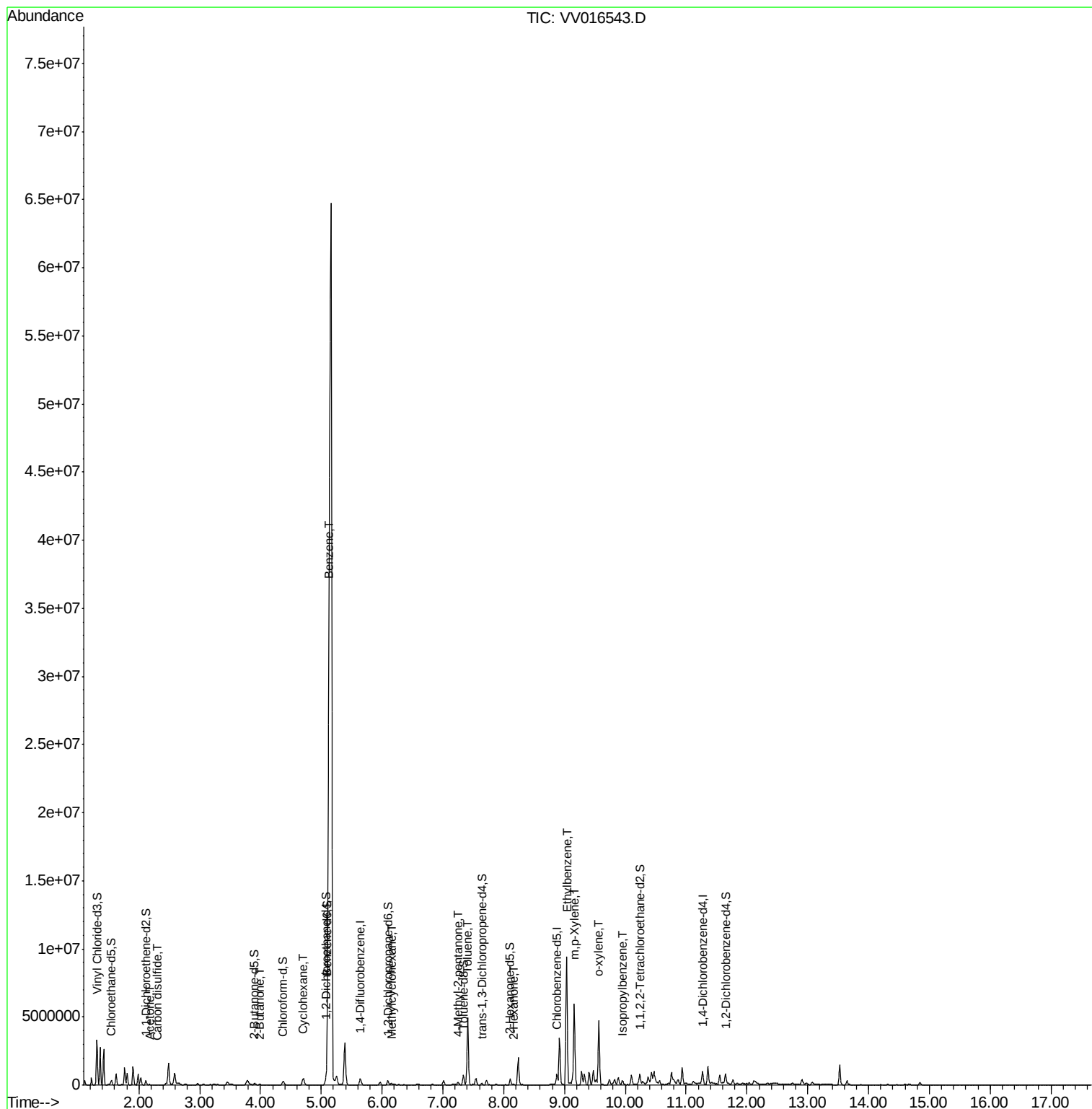
Data File : VV016543.D
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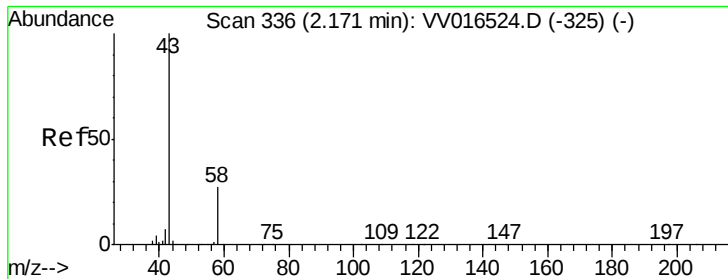
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jun 06 08:22:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 19.706 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016543.D

Acq: 05 Jun 2020 18:04

Instrument :

MSVOA_V

ClientSampled :

F9E48

Tgt Ion: 43 Resp: 34775

Ion Ratio Lower Upper

43 100

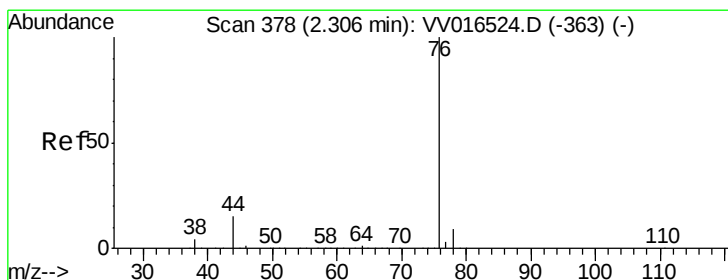
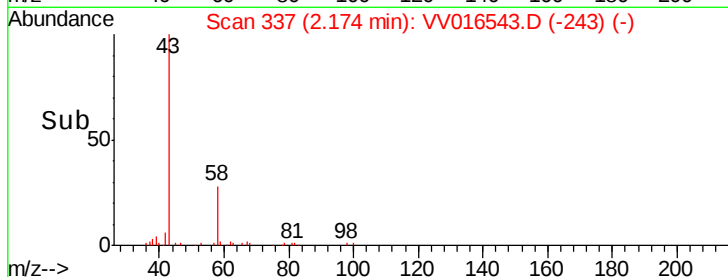
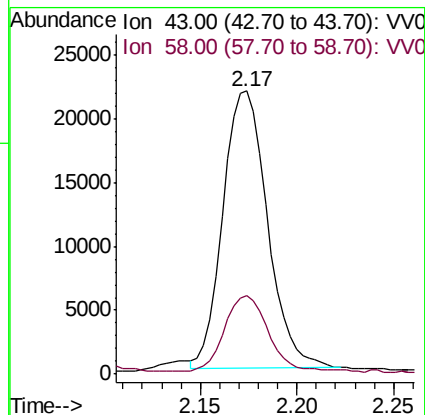
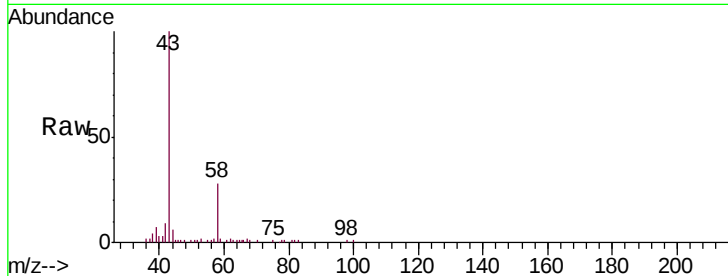
58 28.7 0.0 57.2

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#14

Carbon disulfide

Concen: 0.909 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VV016543.D

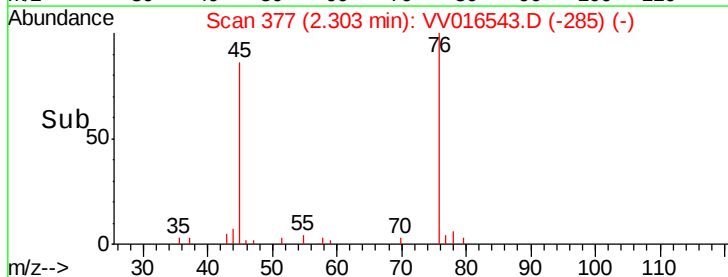
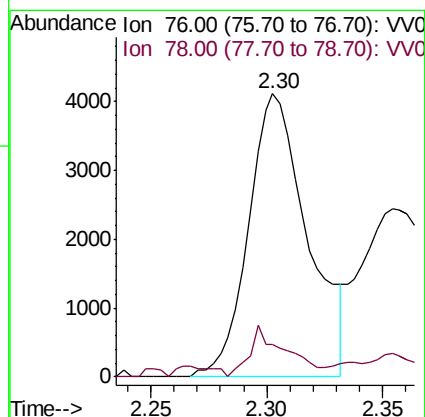
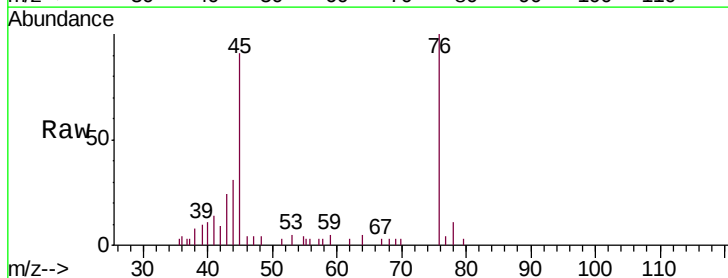
Acq: 05 Jun 2020 18:04

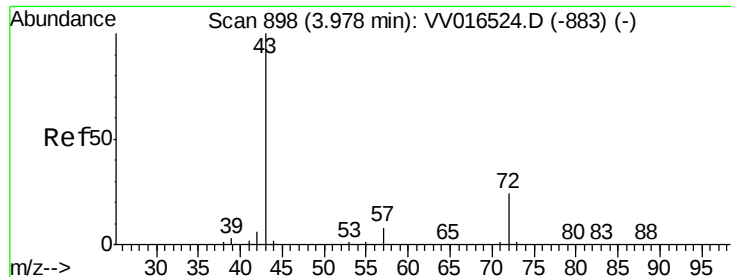
Tgt Ion: 76 Resp: 7283

Ion Ratio Lower Upper

76 100

78 11.3 7.6 11.4





#22

2-Butanone

Concen: 29.479 ug/L

RT: 3.99 min Scan# 901

Delta R.T. 0.01 min

Lab File: VV016543.D

Acq: 05 Jun 2020 18:04

Instrument :

MSVOA_V

ClientSampled :

F9E48

Tgt Ion: 43 Resp: 64553

Ion Ratio Lower Upper

43 100

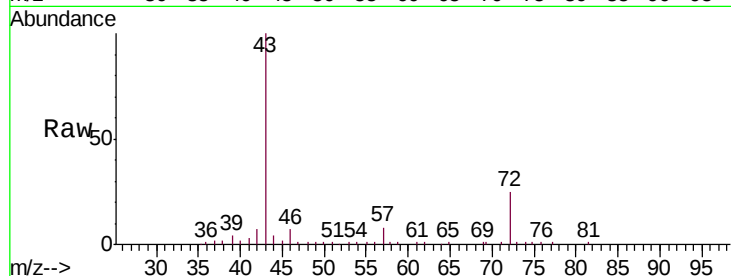
72 27.0 12.8 38.3

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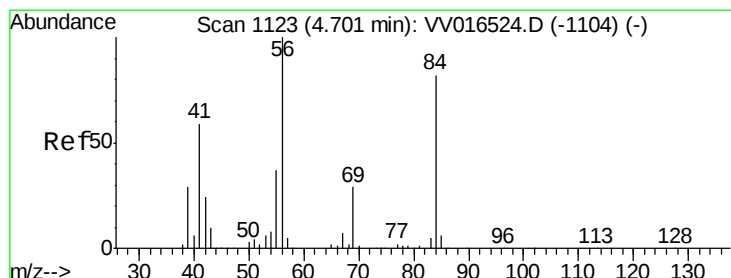
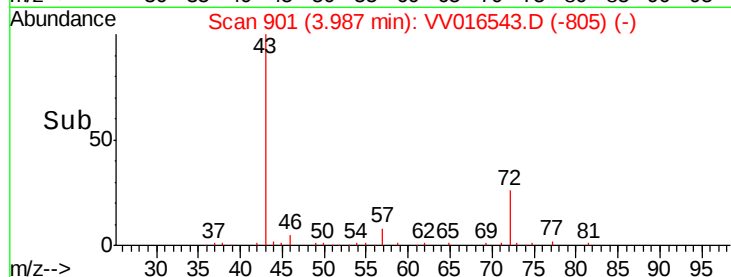
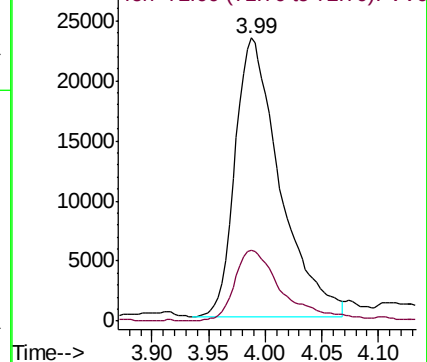
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#29

Cyclohexane

Concen: 56.374 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016543.D

Acq: 05 Jun 2020 18:04

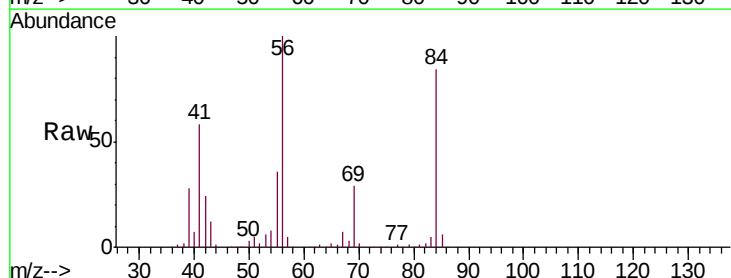
Tgt Ion: 56 Resp: 269944

Ion Ratio Lower Upper

56 100

69 30.0 23.9 35.9

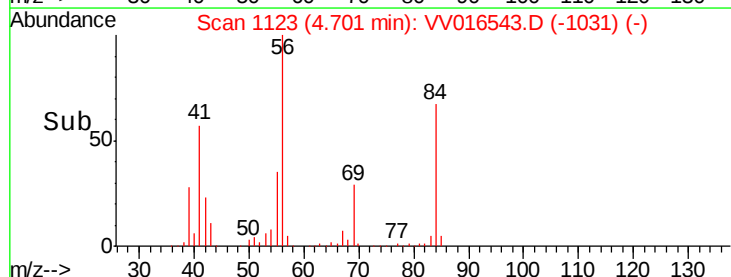
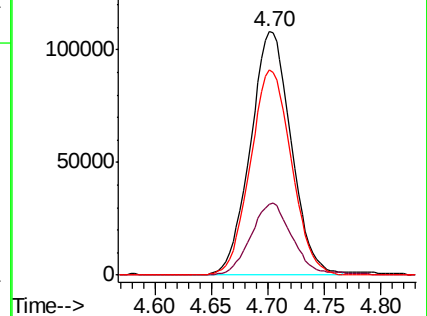
84 85.2 68.2 102.2

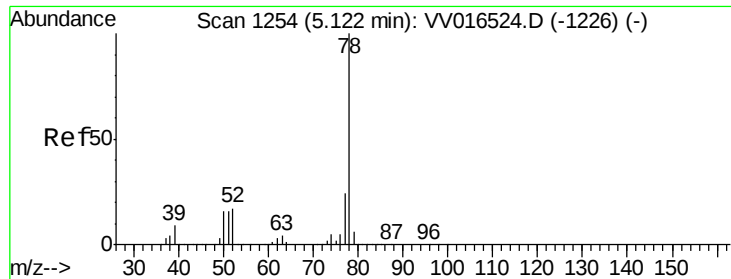


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0





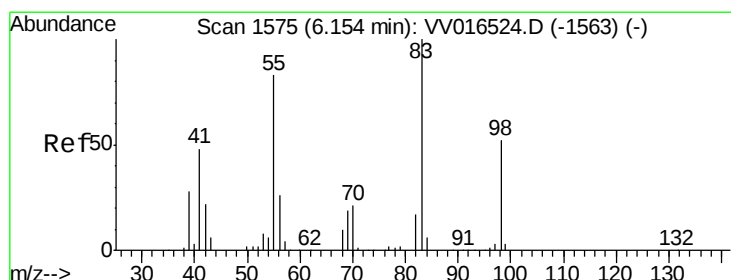
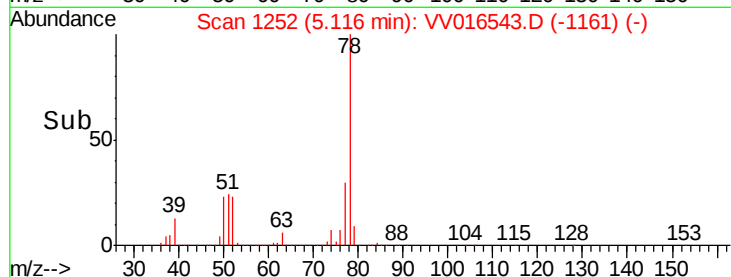
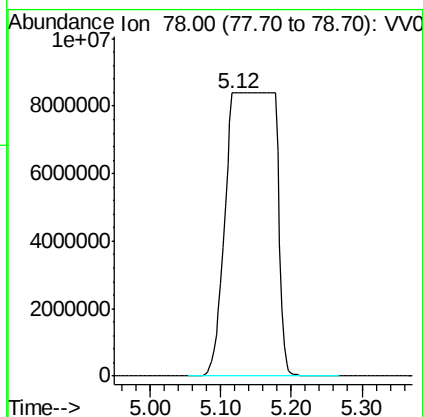
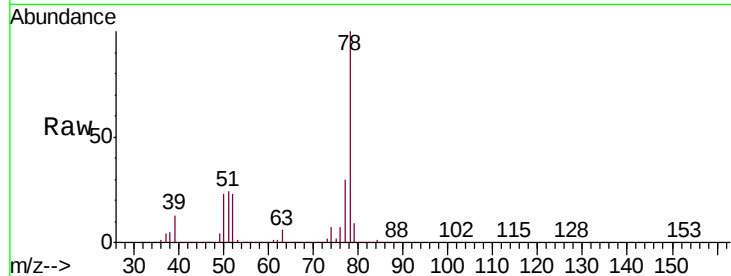
#33
Benzene
Concen: 3455.161 ug/L m
RT: 5.12 min Scan# 1252
Delta R.T. -0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Tgt Ion: 78 Resp:40996967

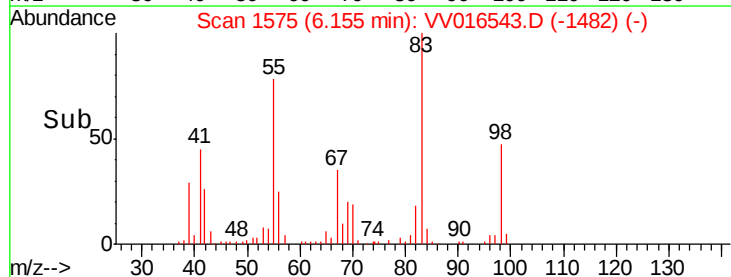
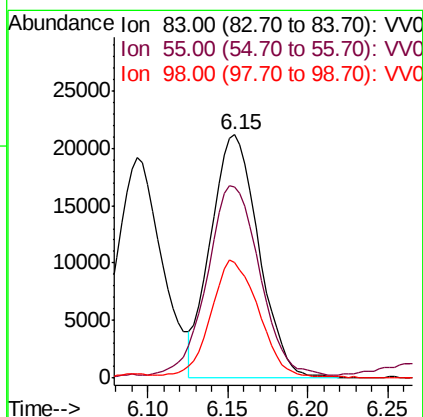
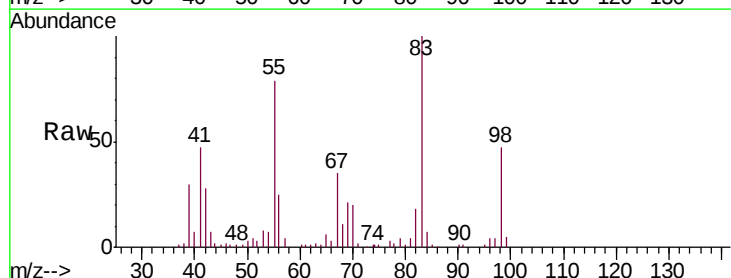
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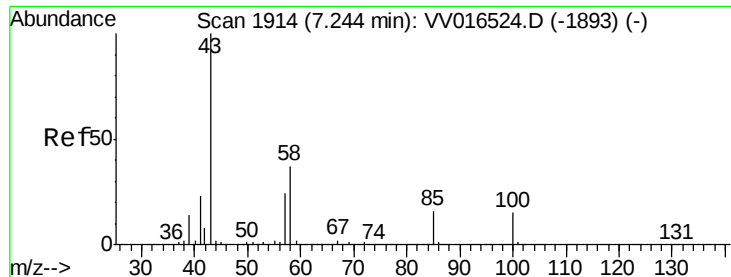
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#35
Methylcyclohexane
Concen: 9.799 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 83 Resp: 43793
Ion Ratio Lower Upper
83 100
55 85.4 63.4 95.0
98 48.3 39.4 59.0





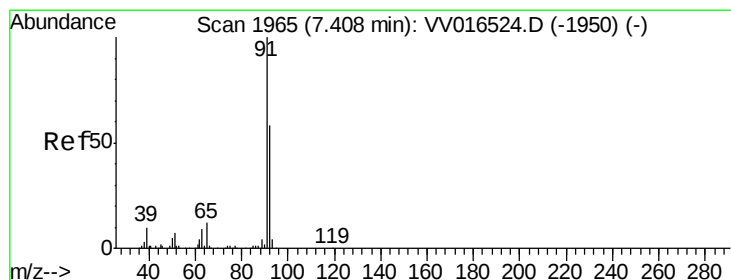
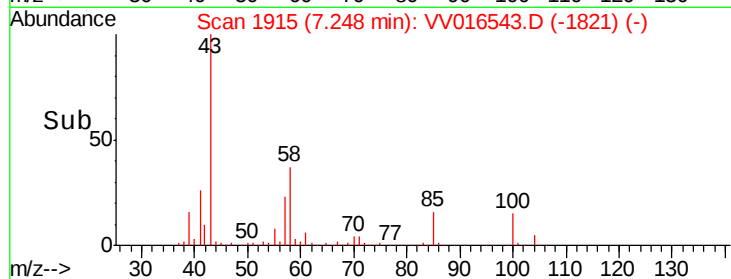
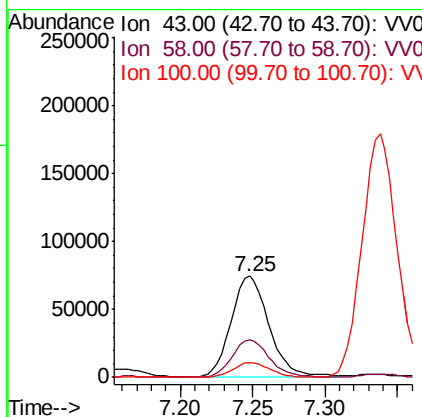
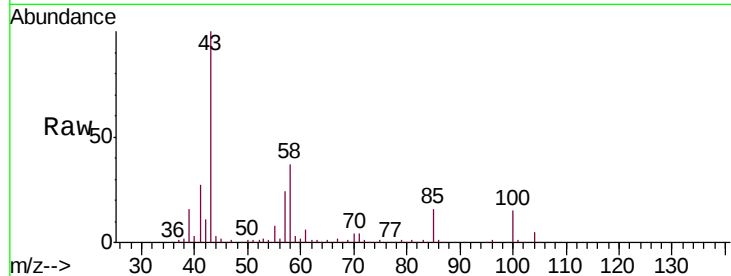
#40
4-Methyl-2-pentanone
Concen: 31.388 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.9	44.9
100	14.6	11.9	17.9

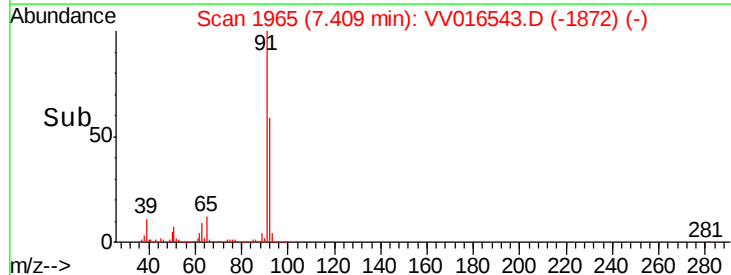
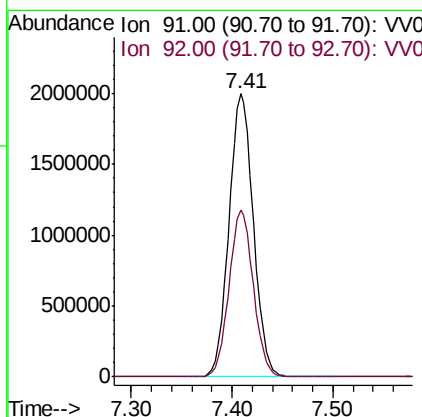
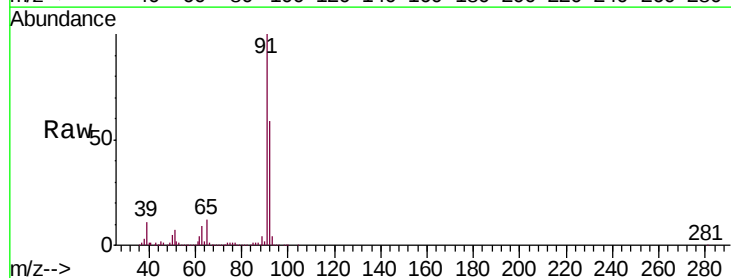
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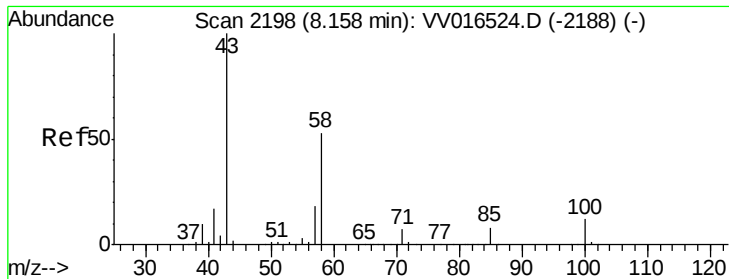
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#42
Toluene
Concen: 267.433 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.9	75.9





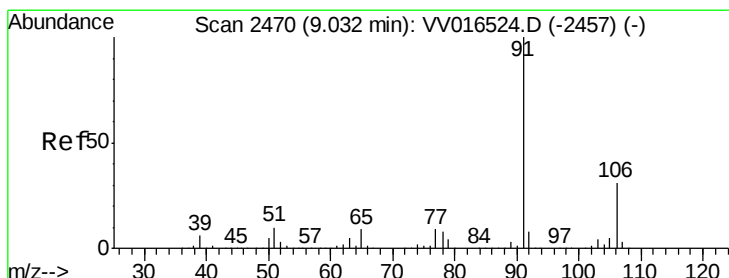
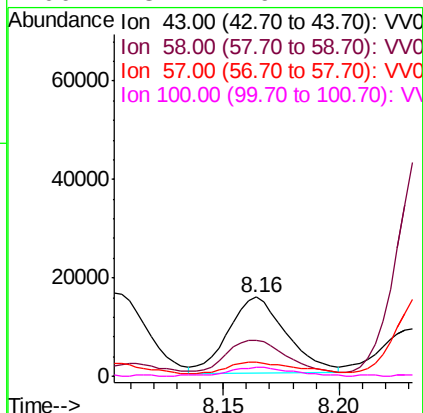
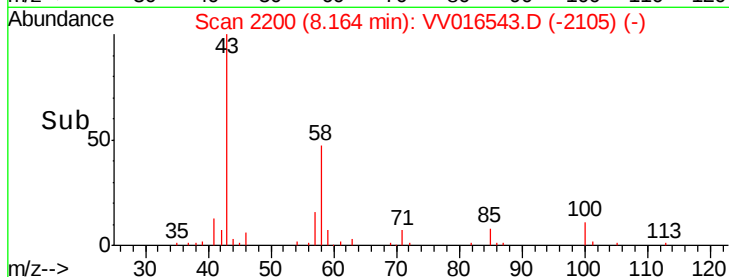
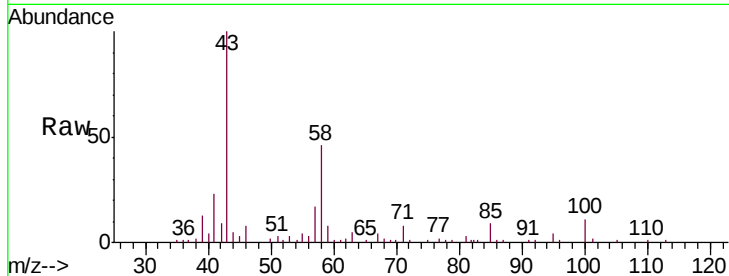
#48
2-Hexanone
Concen: 8.124 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.1	42.7	64.1
57	22.9	14.5	21.7
100	13.2	9.4	14.2

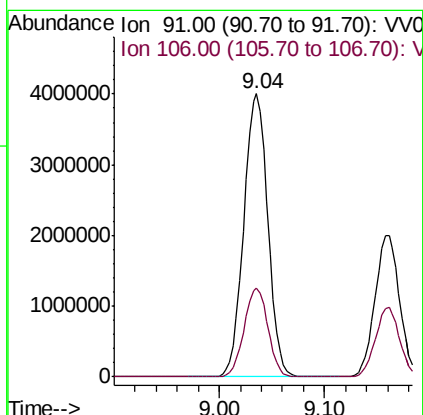
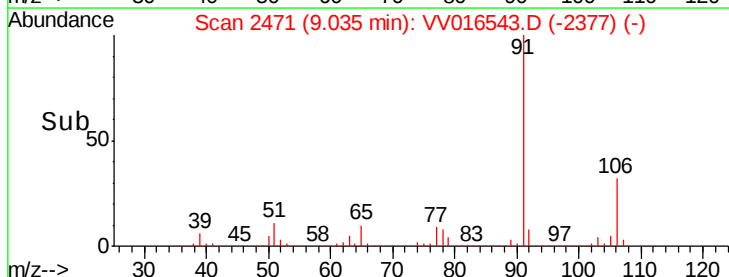
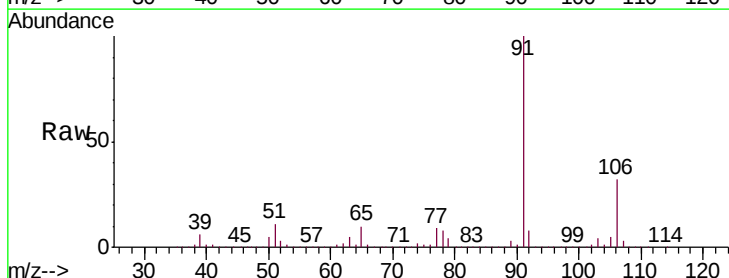
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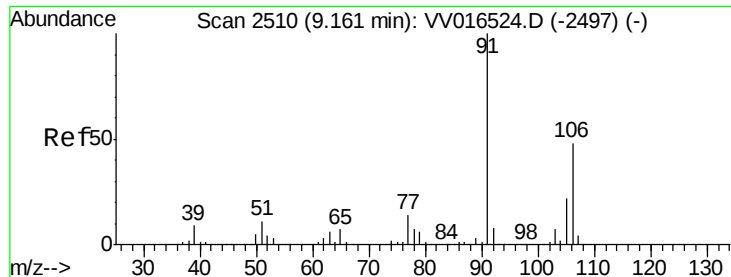
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#52
Ethylbenzene
Concen: 462.096 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.8	40.4





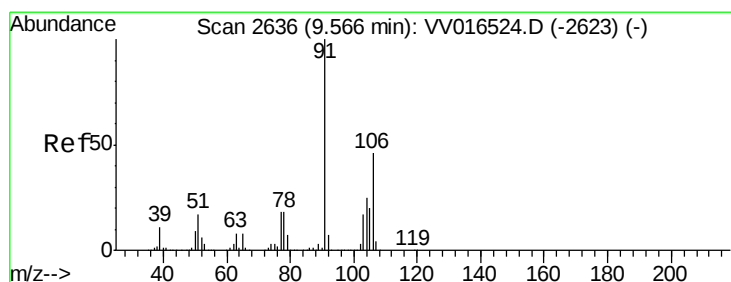
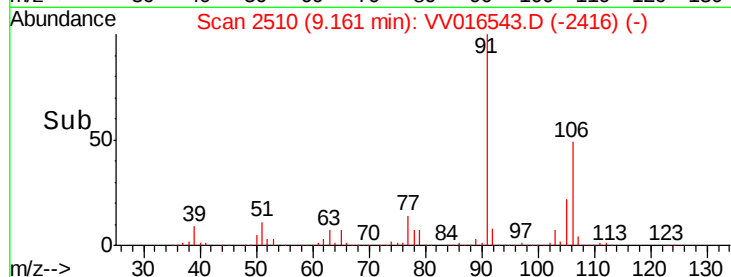
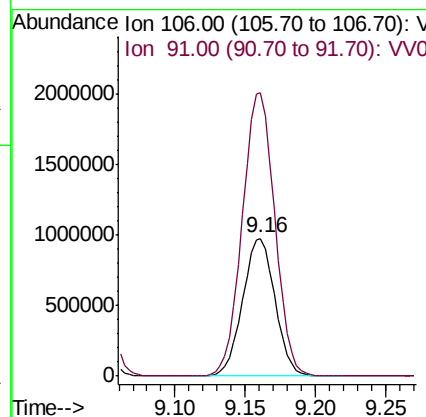
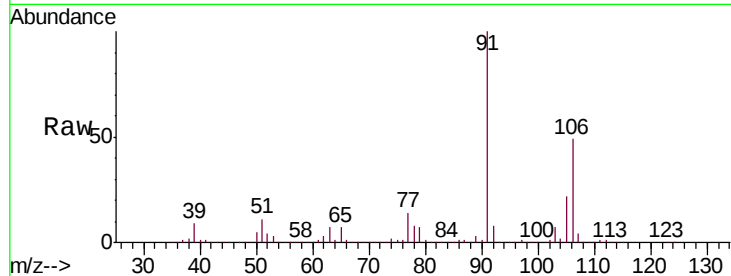
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m,p-Xylene
Concen: 304.704 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampled :
F9E48

Tgt Ion:106 Resp: 1572262
Ion Ratio Lower Upper
106 100
91 205.0 142.5 264.6

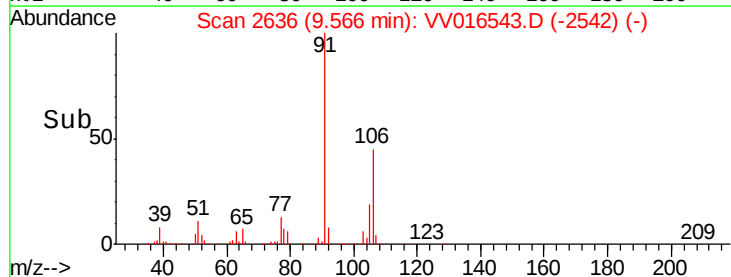
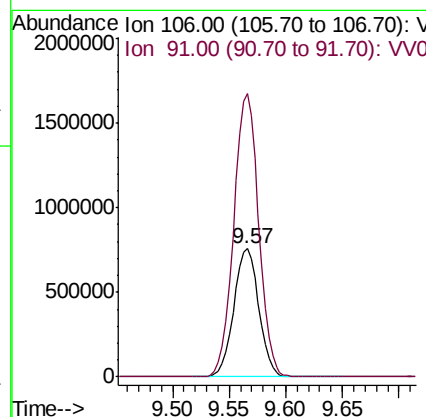
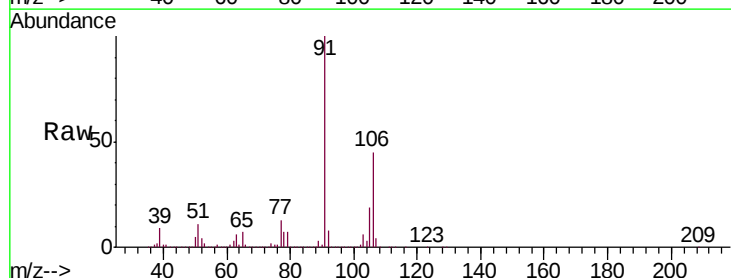
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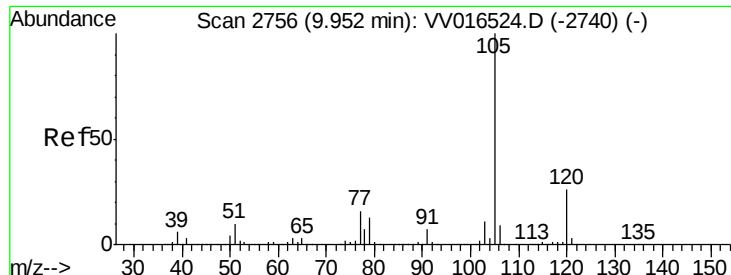
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#54
o-xylene
Concen: 232.785 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion:106 Resp: 1163309
Ion Ratio Lower Upper
106 100
91 221.3 152.5 283.1





#56
Isopropylbenzene
Concen: 13.040 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :
F9E48

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	26.7	21.0	31.6
77	17.2	13.0	19.4

Manual Integrations
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