

Data File : VV012253.D
Acq On : 15 Aug 2019 17:09
Operator : SY/MD
Sample : K4373-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Quant Time: Aug 16 04:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40449	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	30393	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.13	63	58599	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	18915	8.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	16.90%#
24) Chloroform-d	4.40	84	85839	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	48175	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	193580	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	55705	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	169331	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	19022	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.13	63	48865	32.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37219	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	65207	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	1676	0.115 ug/L	89
12) 1,1-Dichloroethene	2.13	96	660	0.075 ug/L #	1
13) Acetone	2.18	43	2573	1.845 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	53133	2.180 ug/L	98
21) 2-Butanone	4.00	43	25946	9.097 ug/L #	61
25) Chloroform	4.43	83	12826	0.522 ug/L	99
27) 1,2-Dichloroethane	5.09	62	1201	0.089 ug/L #	74
34) Trichloroethene	5.96	95	4030	0.298 ug/L	94
35) Methylcyclohexane	6.12	83	14636	0.697 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6513	0.523 ug/L #	85
47) Tetrachloroethene	8.02	164	3563	0.320 ug/L	97
48) 2-Hexanone	8.18	43	6451	1.337 ug/L #	44
49) Dibromochloromethane	8.02	129	3100	0.301 ug/L #	13
56) Isopropylbenzene	9.97	105	9715	0.177 ug/L	100
69) Naphthalene	13.56	128	2903	0.145 ug/L #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081519\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

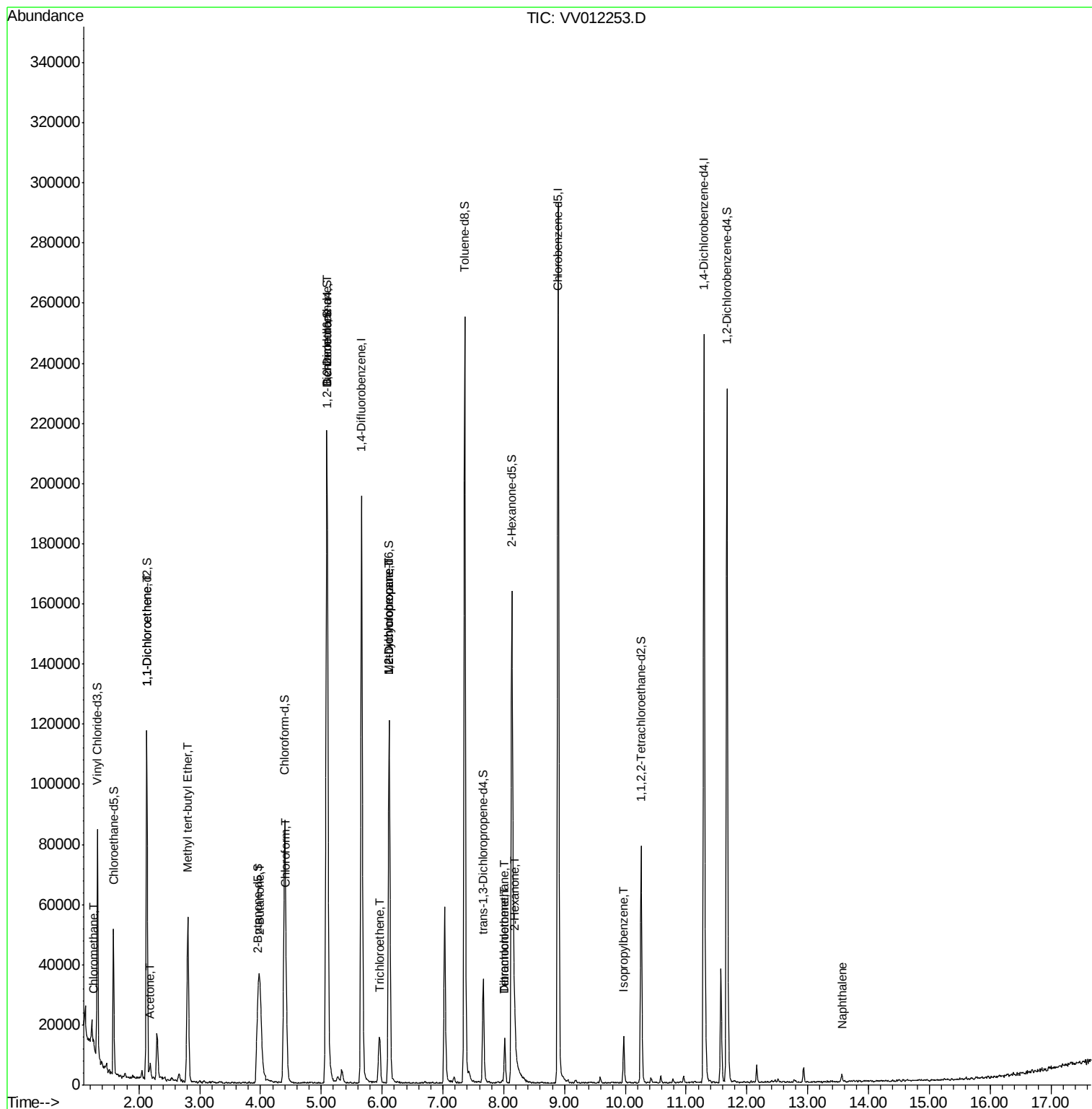
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

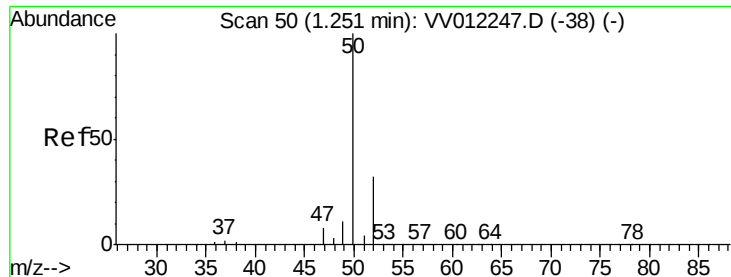
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV012253.D

Acq: 15 Aug 2019 17:09

Instrument :

MSVOA_V

ClientSampleId :

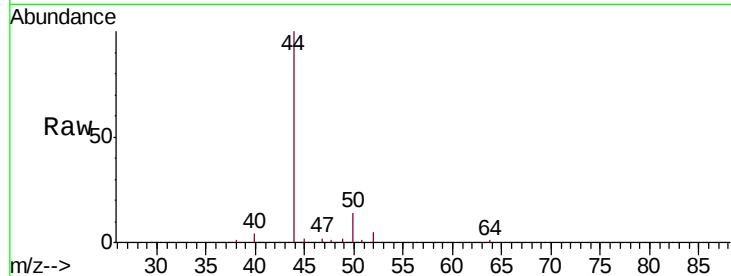
C0AA8

Tgt Ion: 50 Resp: 1676

Ion Ratio Lower Upper

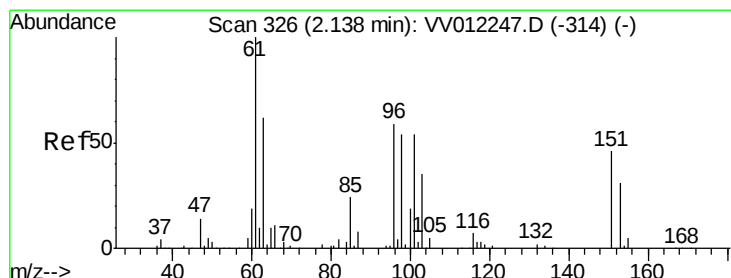
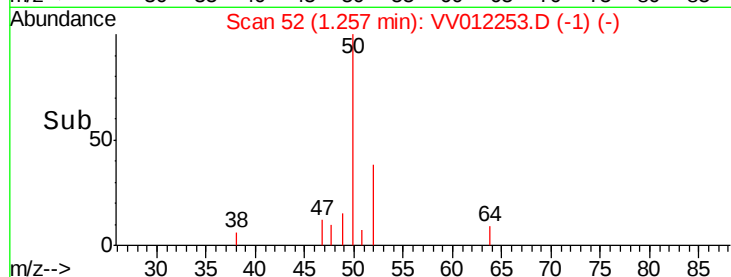
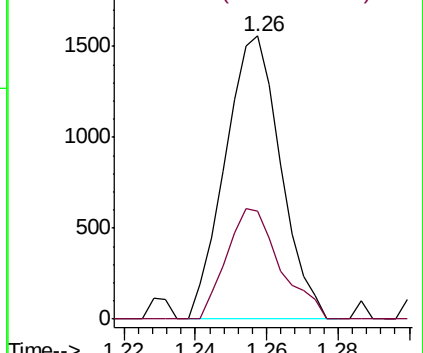
50 100

52 38.3 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV012247.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV012253.D (-233) (-)



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012253.D

Acq: 15 Aug 2019 17:09

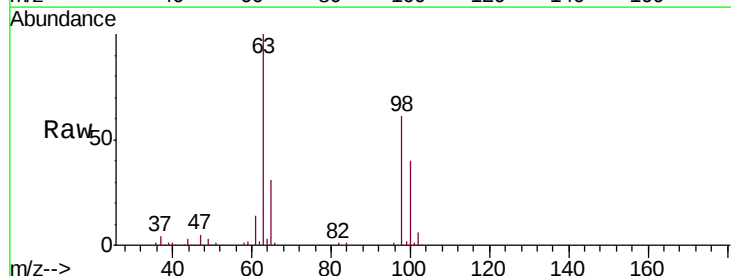
Tgt Ion: 96 Resp: 660

Ion Ratio Lower Upper

96 100

61 1228.7 119.3 221.5#

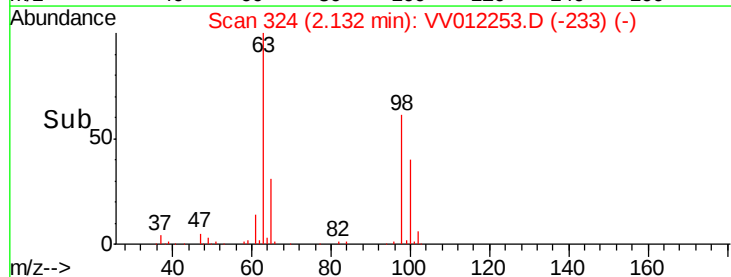
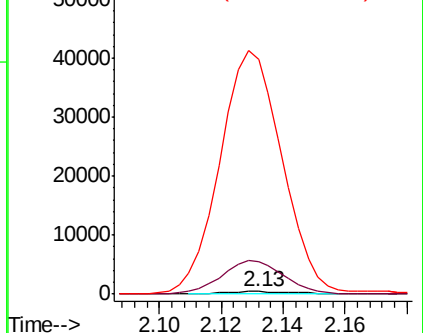
63 8842.8 74.9 139.1#

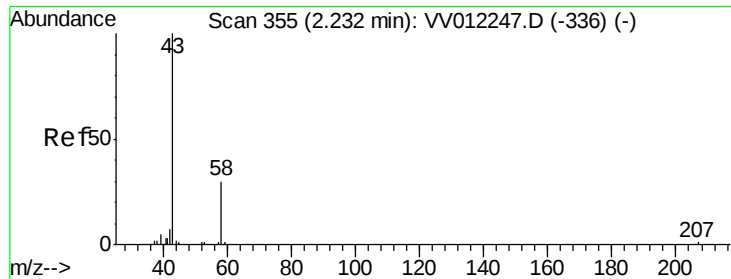


Abundance Ion 96.00 (95.70 to 96.70): VV012247.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV012247.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV012253.D (-233) (-)





#13

Acetone

Concen: 1.845 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012253.D

Acq: 15 Aug 2019 17:09

Instrument :

MSVOA_V

ClientSampleId :

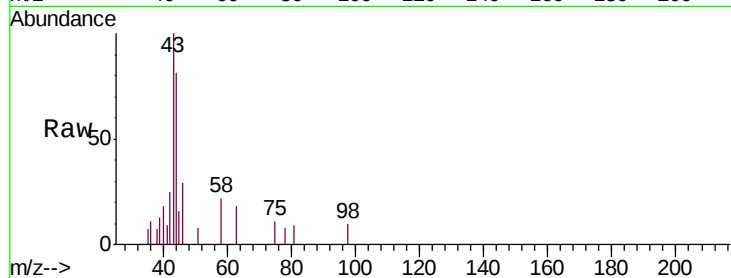
C0AA8

Tgt Ion: 43 Resp: 2573

Ion Ratio Lower Upper

43 100

58 29.0 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV012247.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012247.D (-336) (-)

2000

1500

1000

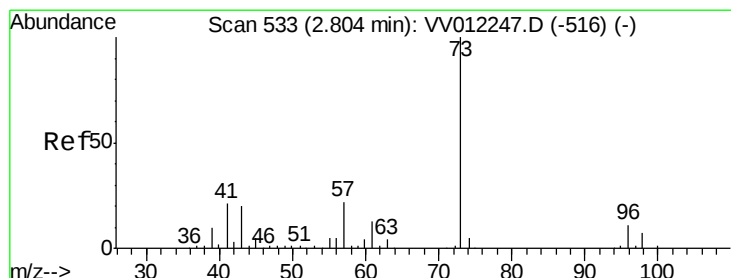
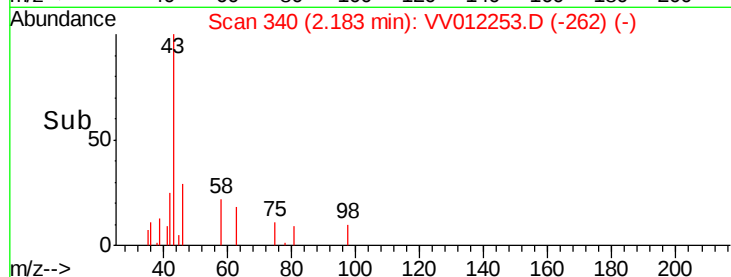
500

0

2.15

2.20

Time-->



#17

Methyl tert-butyl Ether

Concen: 2.180 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012253.D

Acq: 15 Aug 2019 17:09

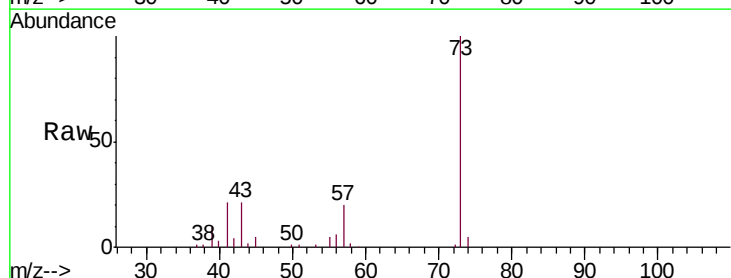
Tgt Ion: 73 Resp: 53133

Ion Ratio Lower Upper

73 100

43 21.0 15.4 23.0

57 22.1 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV012247.D (-516) (-)

Ion 43.05 (42.75 to 43.75): VV012247.D (-516) (-)

Ion 57.10 (56.80 to 57.80): VV012247.D (-516) (-)

30000

20000

10000

0

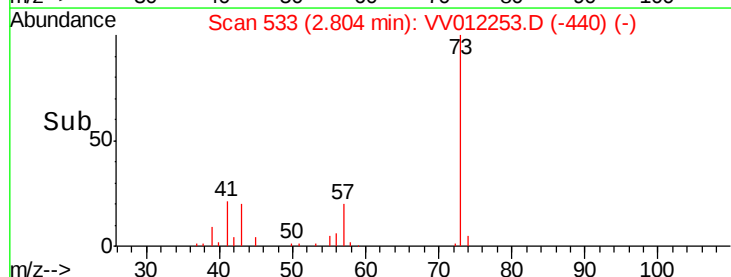
2.75

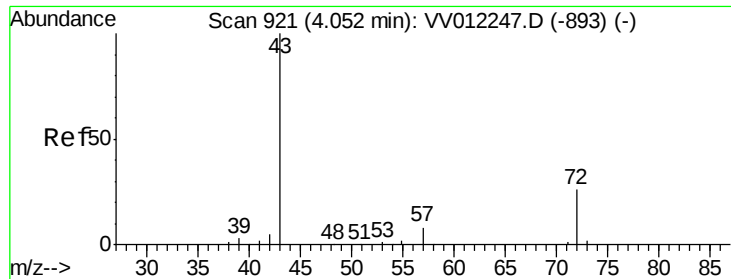
2.80

2.85

2.90

Time-->

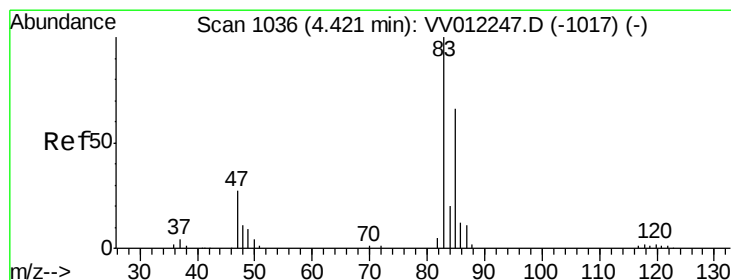
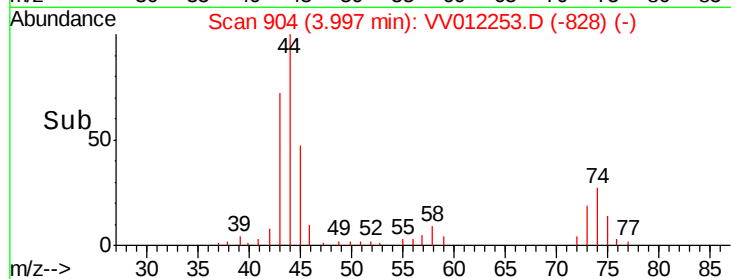
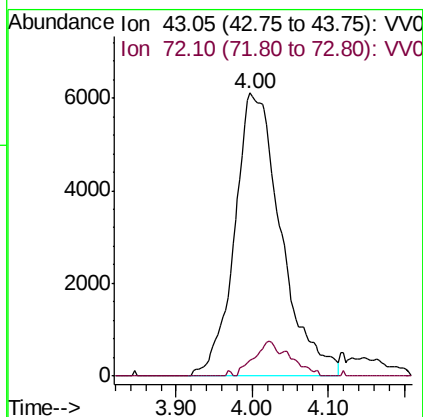
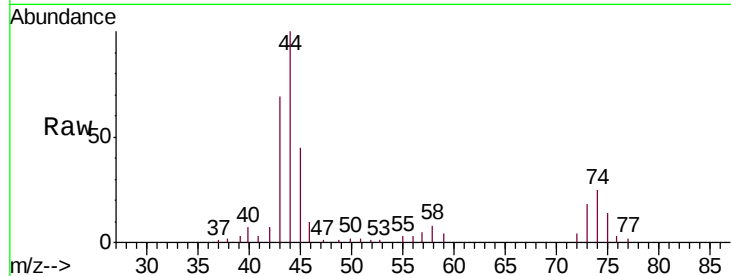




#21
2-Butanone
Concen: 9.097 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.05 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

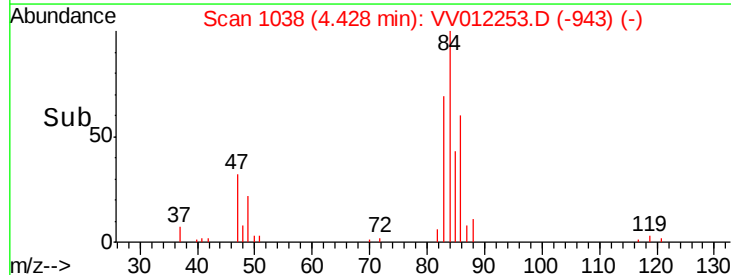
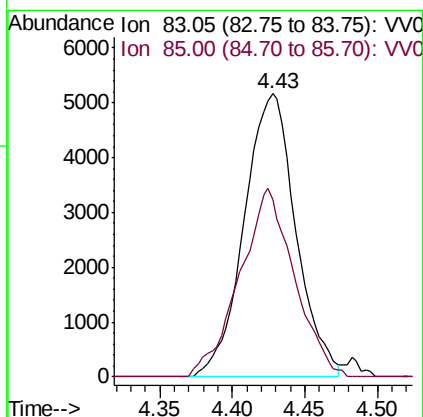
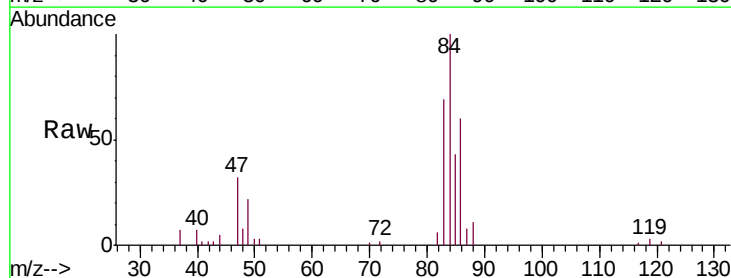
Instrument :
MSVOA_V
ClientSampleId :
C0AA8

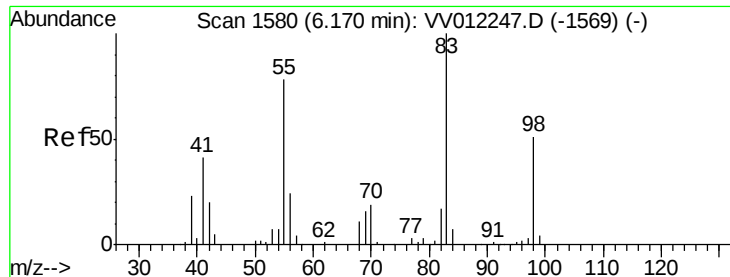
Tgt Ion: 43 Resp: 25946
Ion Ratio Lower Upper
43 100
72 6.1 12.9 38.7#



#25
Chloroform
Concen: 0.522 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion: 83 Resp: 12826
Ion Ratio Lower Upper
83 100
85 62.5 44.3 82.3

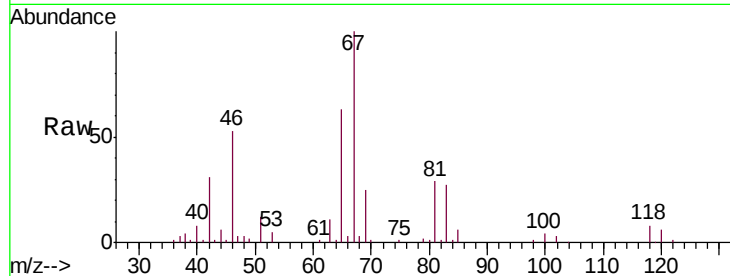




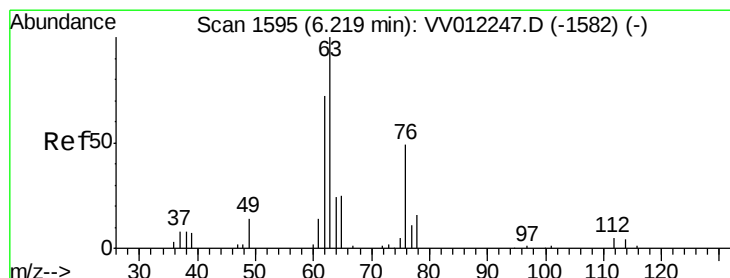
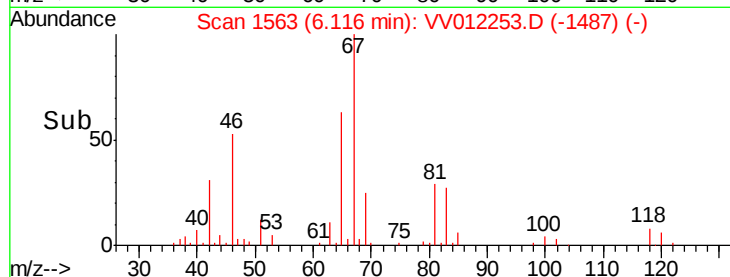
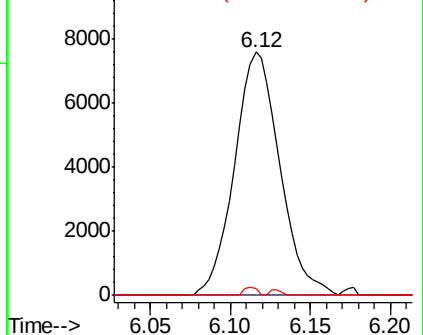
#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion: 83 Resp: 14636
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.9 39.2 58.8#

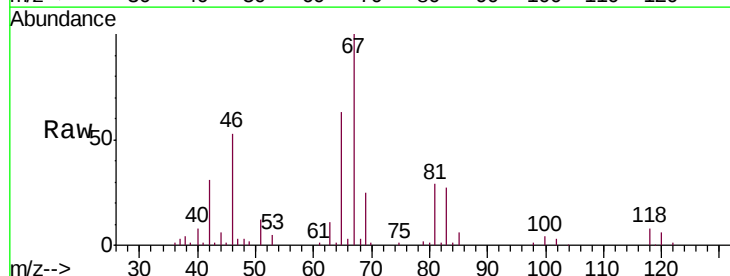


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

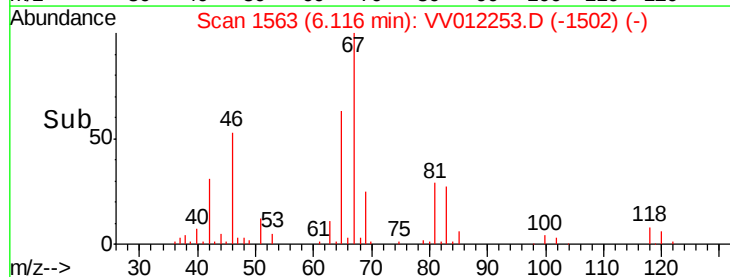
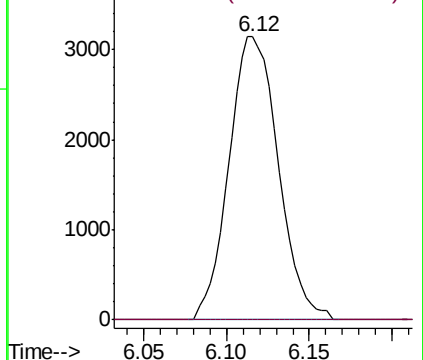


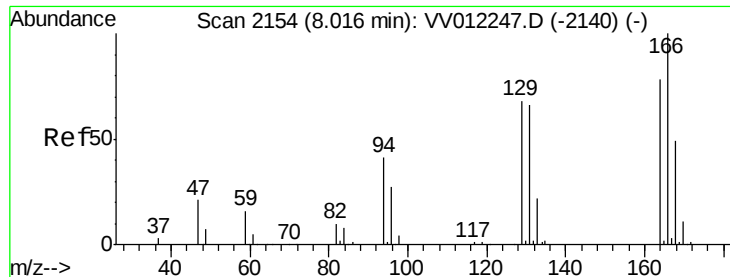
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion: 63 Resp: 6513
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

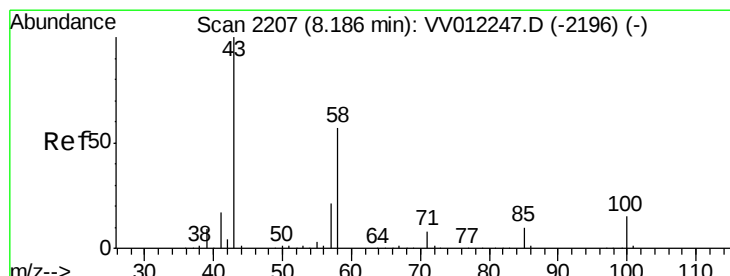
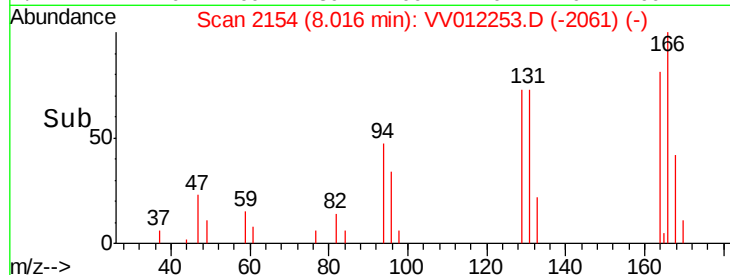
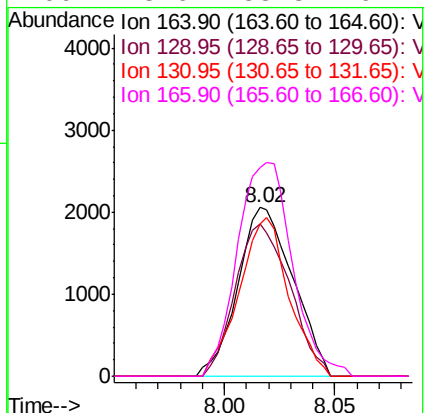
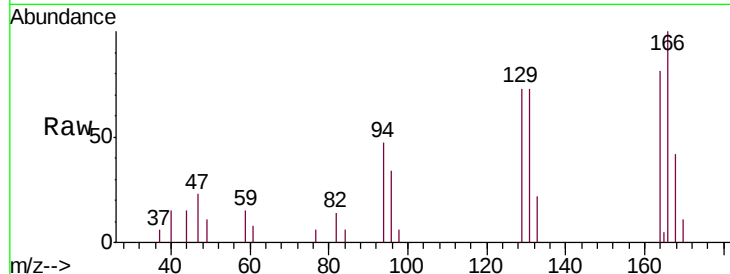




#47
Tetrachloroethene
Concen: 0.320 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

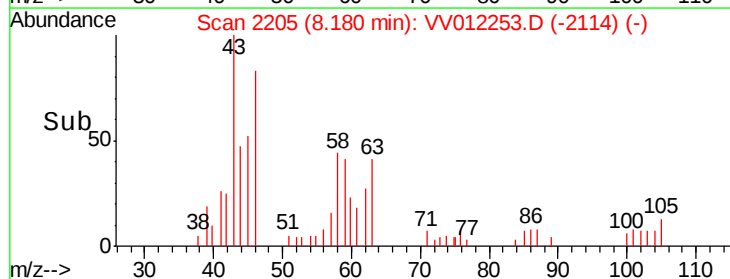
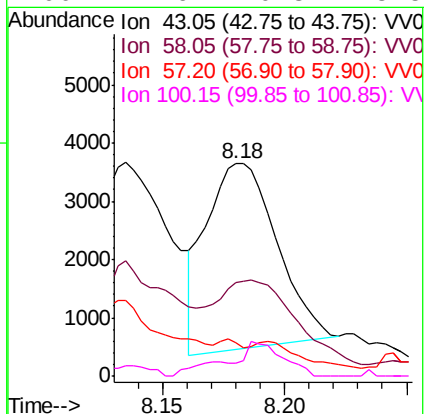
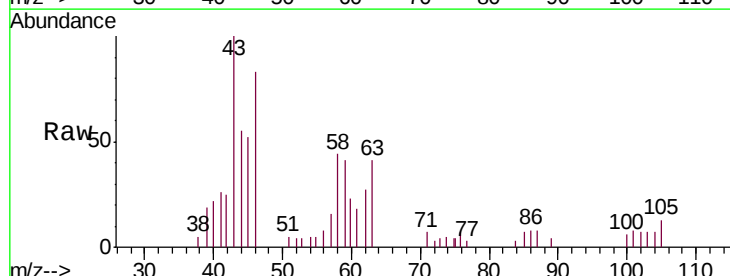
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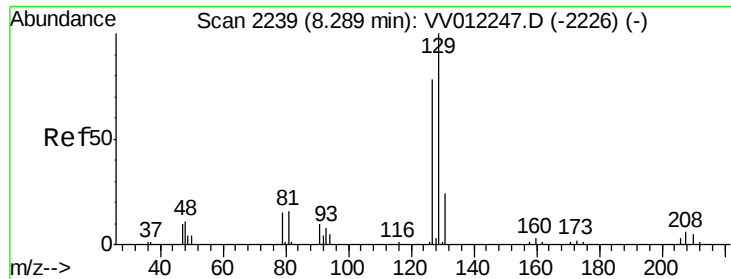
Tgt Ion:164 Resp: 3563
Ion Ratio Lower Upper
164 100
129 90.6 65.8 122.2
131 90.4 61.9 114.9
166 123.6 88.3 164.1



#48
2-Hexanone
Concen: 1.337 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion: 43 Resp: 6451
Ion Ratio Lower Upper
43 100
58 0.0 43.0 64.4#
57 6.8 14.9 22.3#
100 4.6 10.3 15.5#

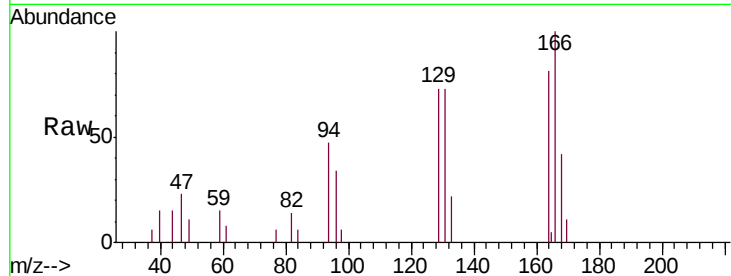




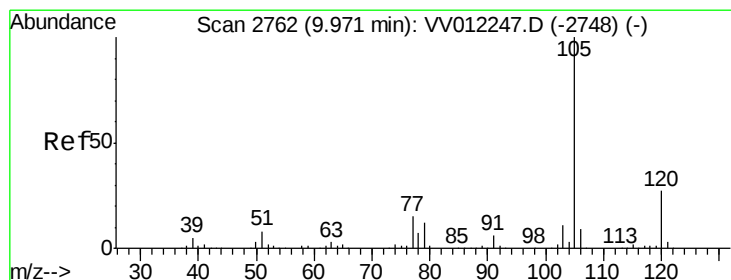
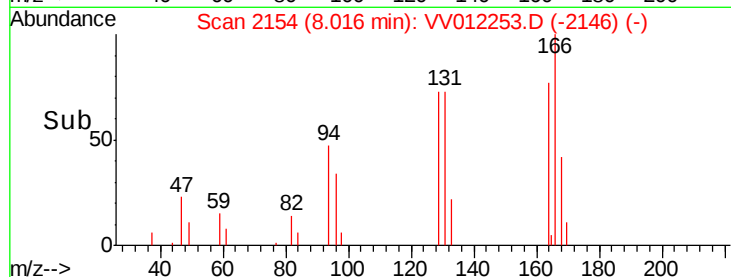
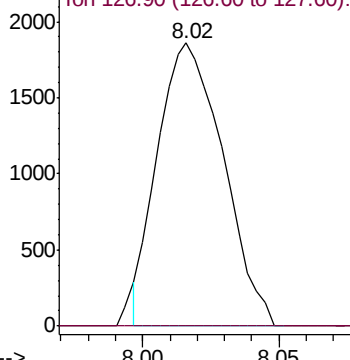
#49
Dibromochloromethane
Concen: 0.301 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion:129 Resp: 3100
Ion Ratio Lower Upper
129 100
127 0.0 51.0 94.8#

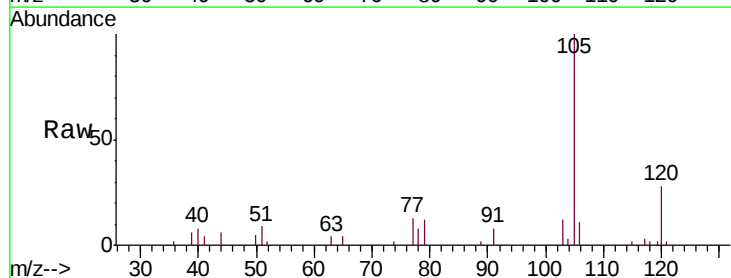


Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

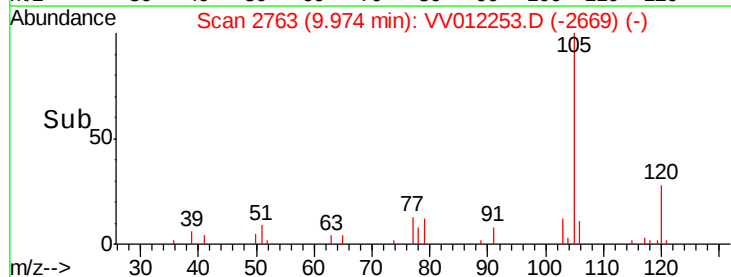
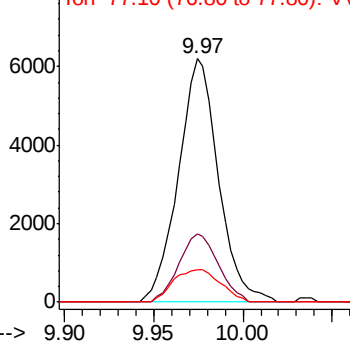


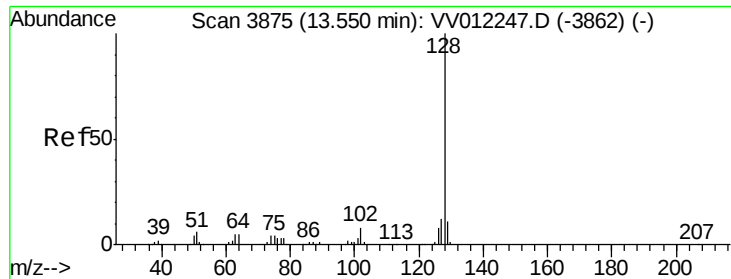
#56
Isopropylbenzene
Concen: 0.177 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion:105 Resp: 9715
Ion Ratio Lower Upper
105 100
120 27.6 22.0 33.0
77 15.7 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VV0





#69

Naphthalene

Concen: 0.145 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV012253.D

Acq: 15 Aug 2019 17:09

Instrument :

MSVOA_V

ClientSampleId :

C0AA8

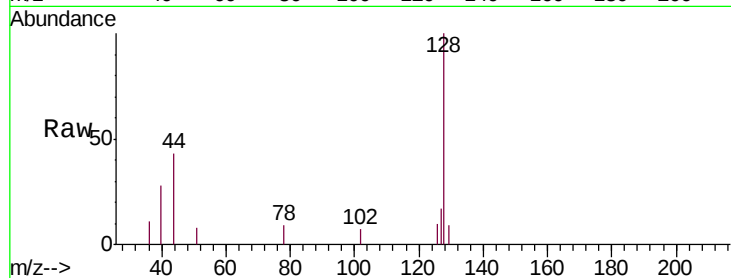
Tgt Ion:128 Resp: 2903

Ion Ratio Lower Upper

128 100

129 8.4 8.6 12.8#

127 9.9 10.1 15.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

