

Data File : VV008702.D
Acq On : 21 Nov 2018 15:48
Operator : SY/MD
Sample : J6026-05DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

Quant Time: Nov 22 00:41:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40123	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.59	69	30548	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.14	63	57768	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.97	46	116649	41.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.92%
24) Chloroform-d	4.41	84	92556	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.09	65	48961	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	198002	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	60920	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	175747	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	17218	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.14	63	79228	33.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37934	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	57949	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
5) Vinyl chloride	1.33	62	3230	0.289 ug/L	86
16) Methylene chloride	2.54	84	1762	0.176 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	20465	0.937 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	13076	1.468 ug/L	94
19) 1,1-Dichloroethane	3.23	63	3088	0.137 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	67051	4.987 ug/L	97
25) Chloroform	4.43	83	4333	0.152 ug/L	86
34) Trichloroethene	5.96	95	58073	4.267 ug/L	98
35) Methylcyclohexane	6.12	83	14202	0.616 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6734	0.498 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1419	0.078 ug/L #	31
47) Tetrachloroethene	8.02	164	1293	0.131 ug/L	84
49) Dibromochloromethane	8.02	129	1263	0.129 ug/L #	10

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

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Misc : 25.0 mL/MSVOA V/WATER

```
ALS Vial      : 15      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

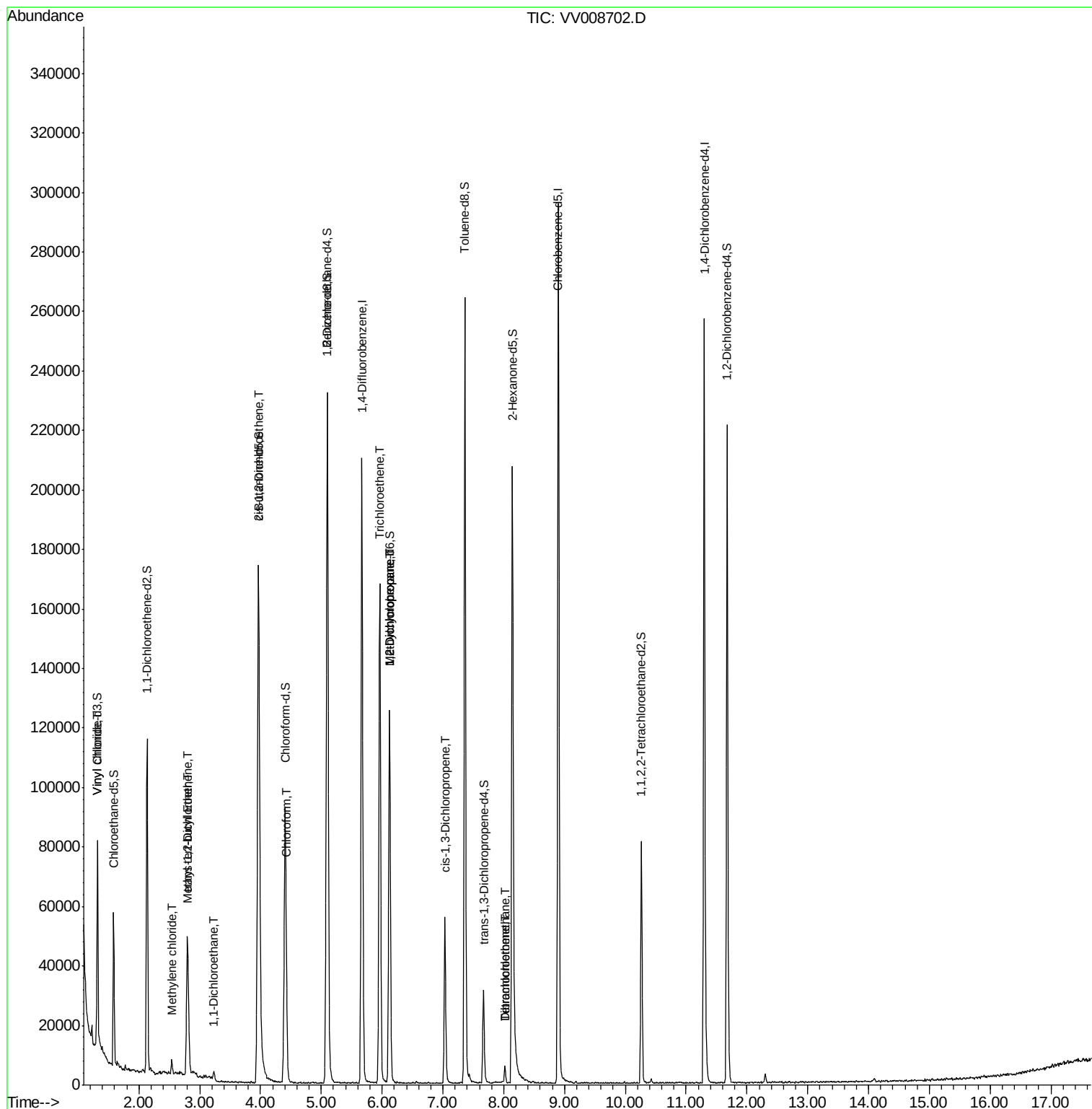
Quant Time: Nov 22 00:41:31 2018

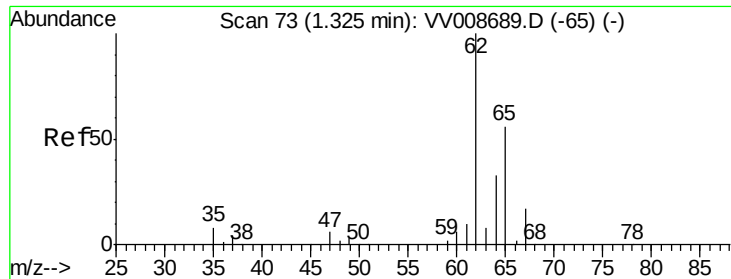
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR111718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 22 00:36:45 2018

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.289 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008702.D

Acq: 21 Nov 2018 15:48

Instrument :

MSVOA_V

ClientSampleId :

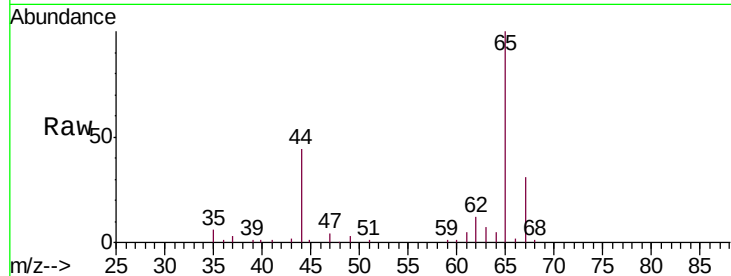
H0FK4DL

Tgt Ion: 62 Resp: 3230

Ion Ratio Lower Upper

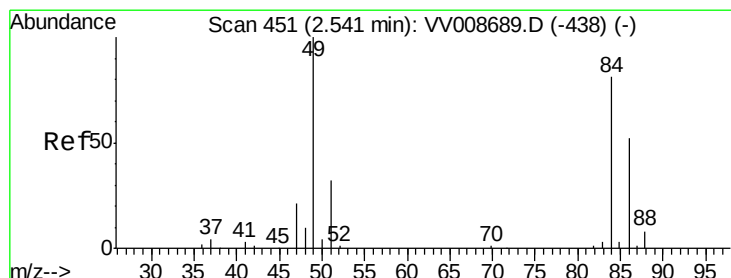
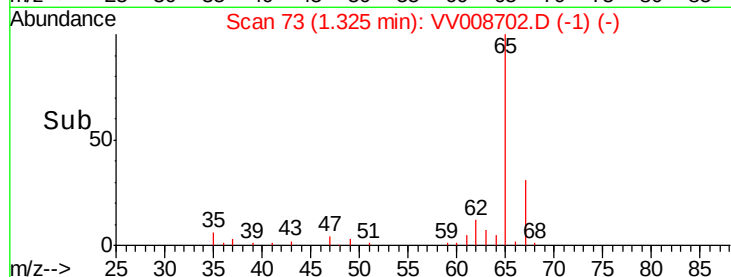
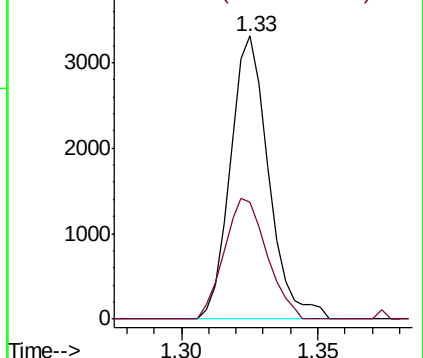
62 100

64 41.2 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008702.D

Acq: 21 Nov 2018 15:48

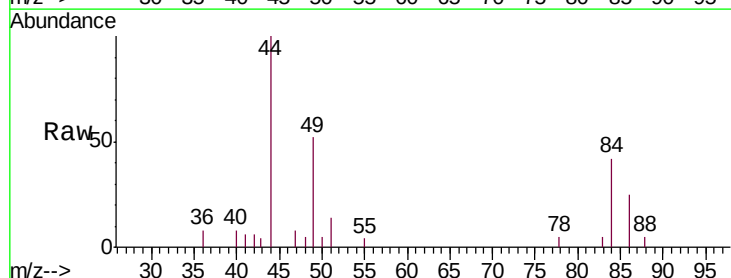
Tgt Ion: 84 Resp: 1762

Ion Ratio Lower Upper

84 100

86 59.2 44.8 83.2

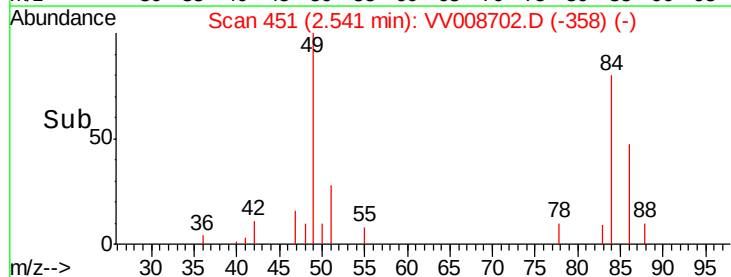
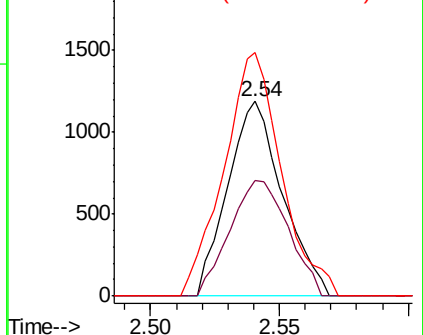
49 125.2 88.1 163.7

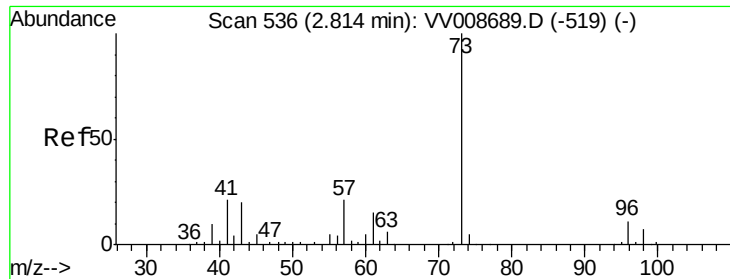


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

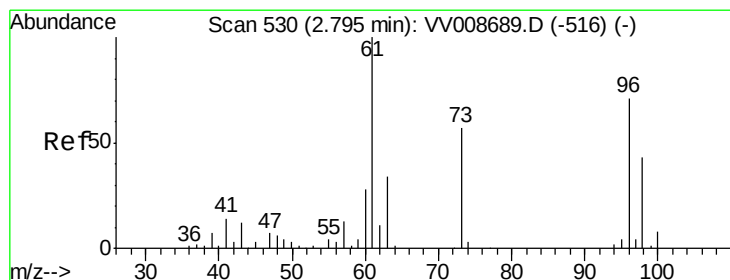
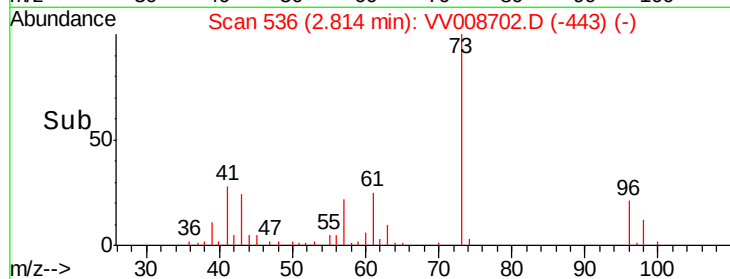
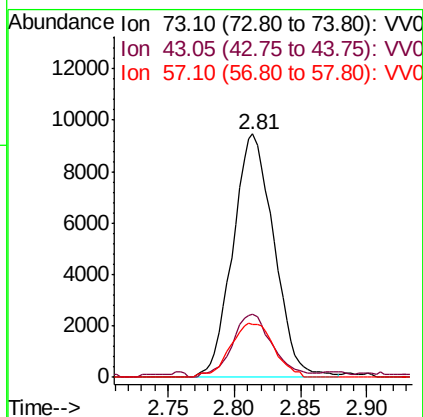
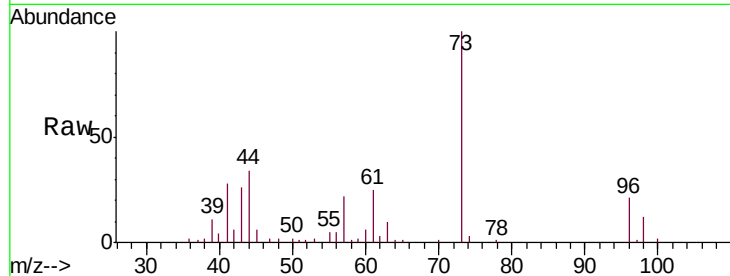




#17
Methyl tert-butyl Ether
Concen: 0.937 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

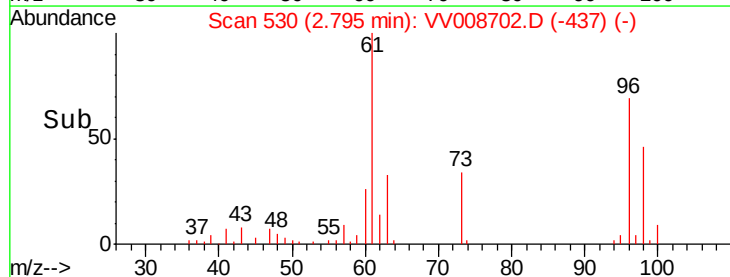
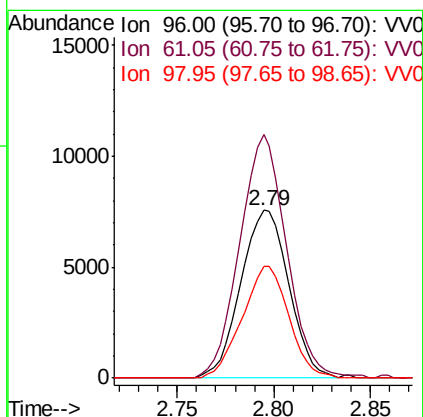
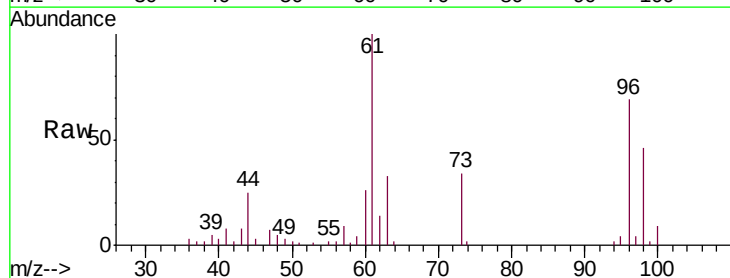
Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

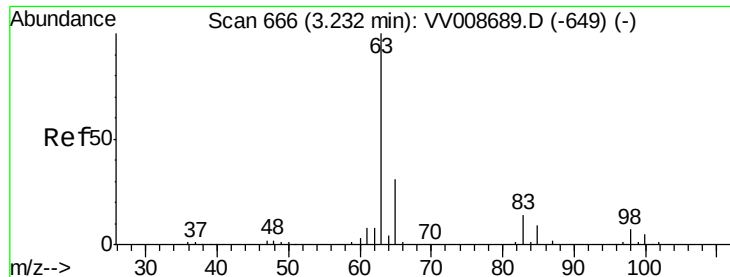
Tgt Ion: 73 Resp: 20465
Ion Ratio Lower Upper
73 100
43 25.7 18.1 27.1
57 23.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 1.468 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Tgt Ion: 96 Resp: 13076
Ion Ratio Lower Upper
96 100
61 145.3 97.1 180.3
98 66.5 41.9 77.7

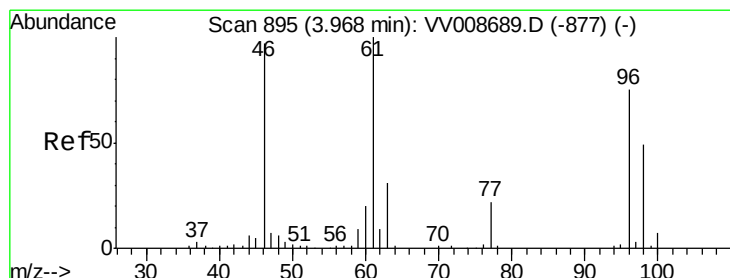
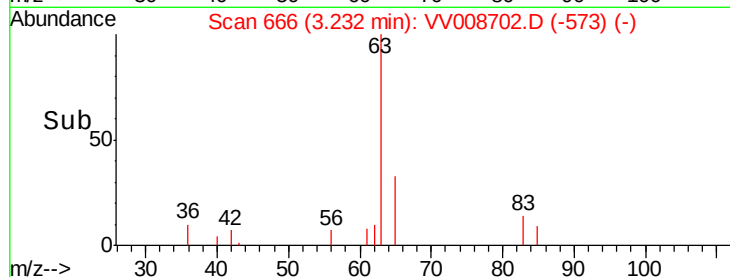
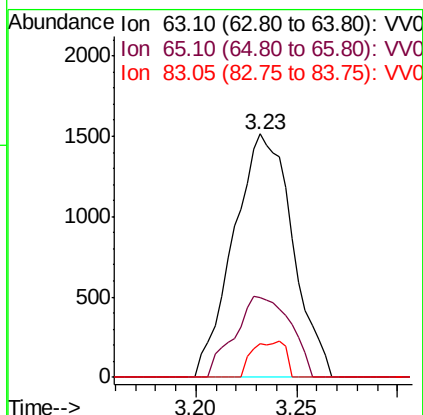
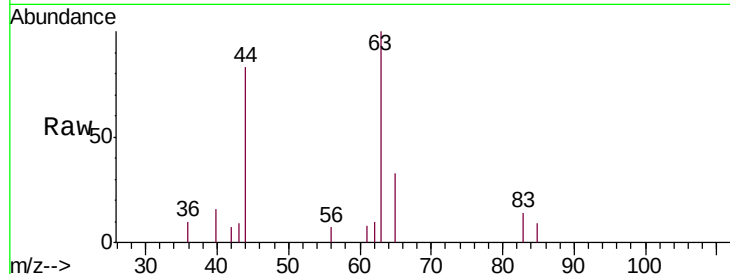




#19
 1,1-Dichloroethane
 Concen: 0.137 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008702.D
 Acq: 21 Nov 2018 15:48

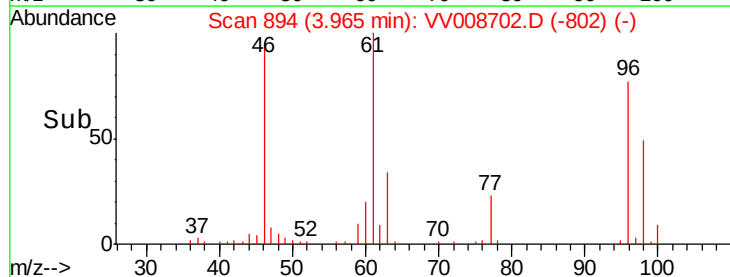
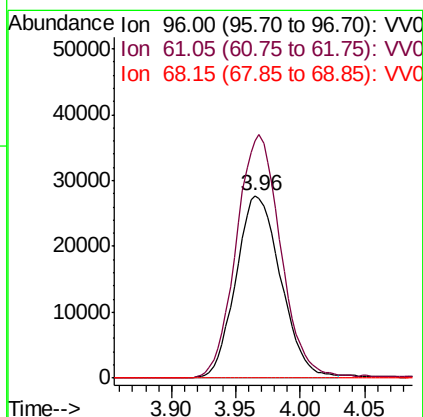
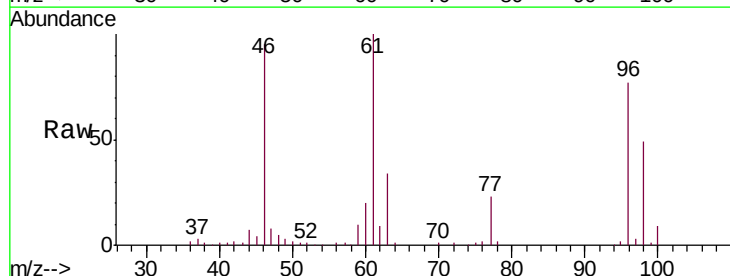
Instrument :
 MSVOA_V
 ClientSampleId :
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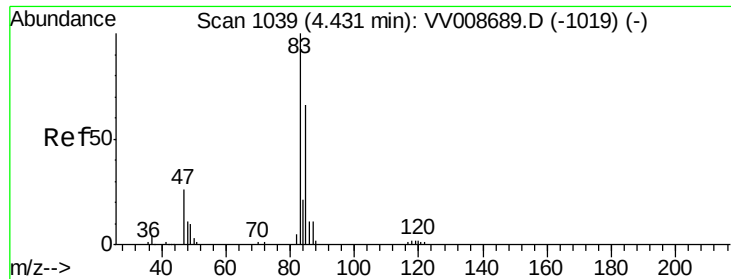
Tgt Ion: 63 Resp: 3088
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.2 43.0
 83 13.9 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 4.987 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008702.D
 Acq: 21 Nov 2018 15:48

Tgt Ion: 96 Resp: 67051
 Ion Ratio Lower Upper
 96 100
 61 130.2 93.2 173.2
 68 0.0 0.0 0.0

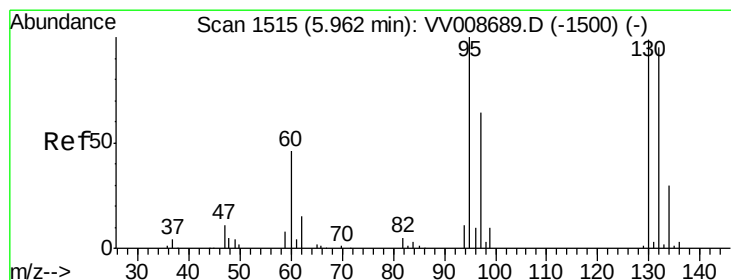
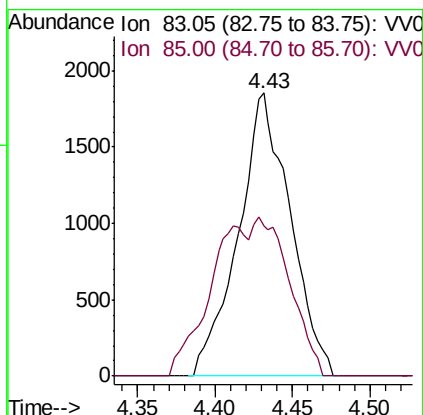
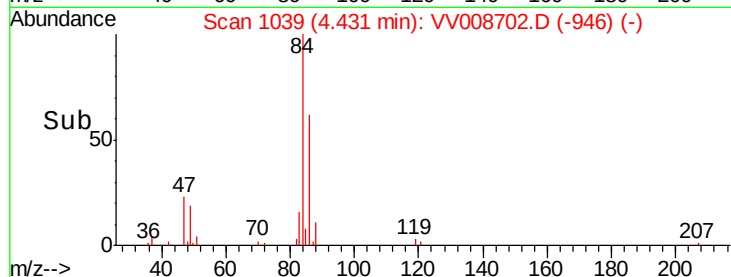
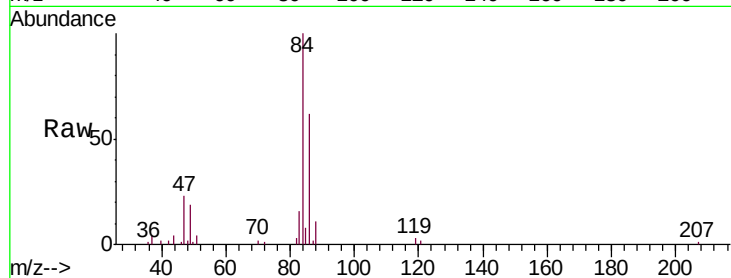




#25
Chloroform
Concen: 0.152 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

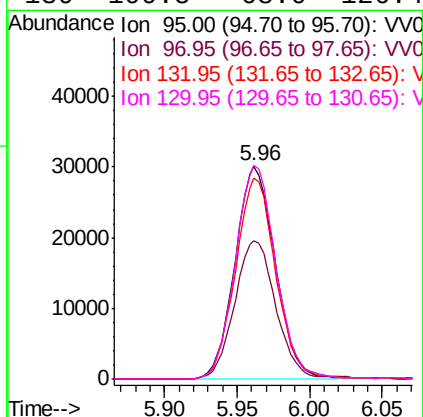
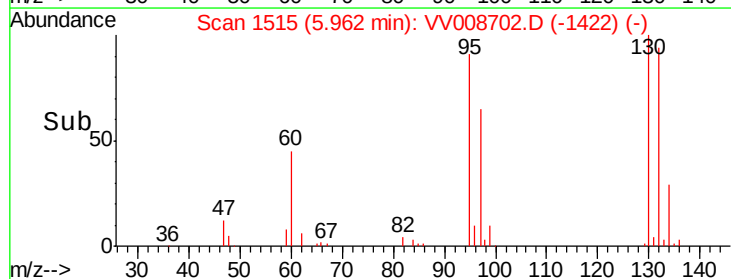
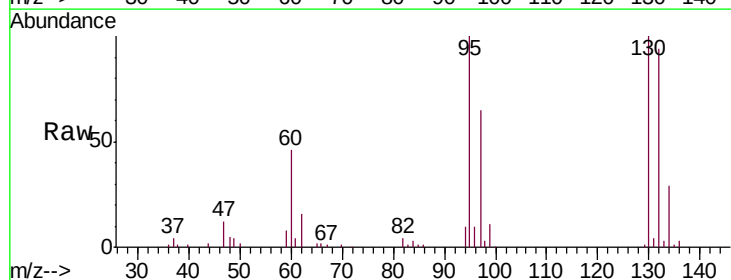
Instrument :
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ClientSampleId :
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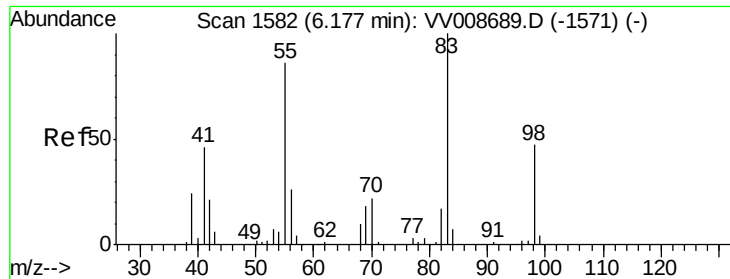
Tgt Ion: 83 Resp: 4333
Ion Ratio Lower Upper
83 100
85 52.9 44.4 82.5



#34
Trichloroethene
Concen: 4.267 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Tgt Ion: 95 Resp: 58073
Ion Ratio Lower Upper
95 100
97 65.1 45.1 83.7
132 94.4 66.3 123.1
130 100.5 68.0 126.4

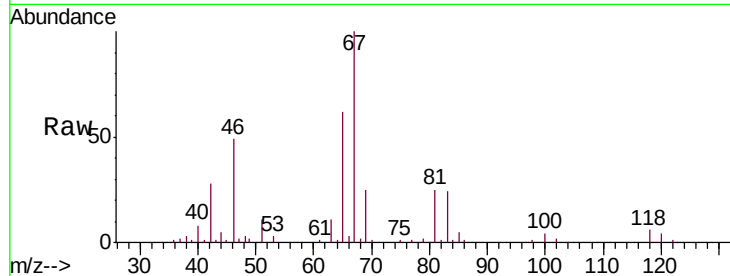




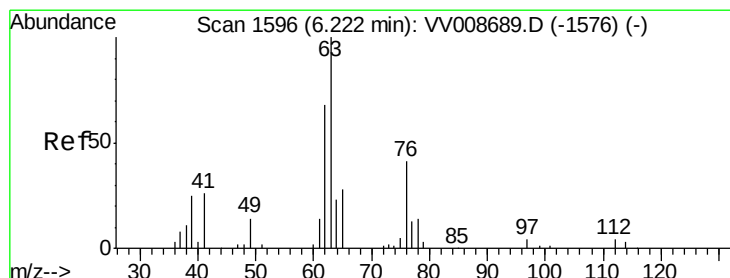
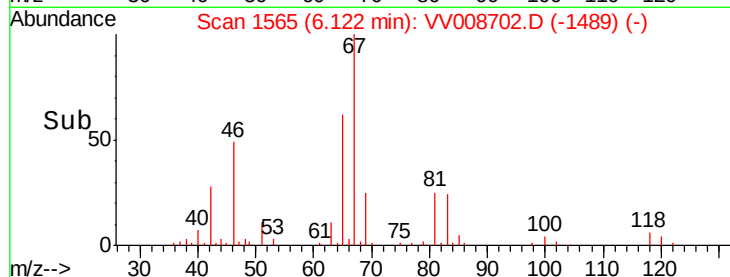
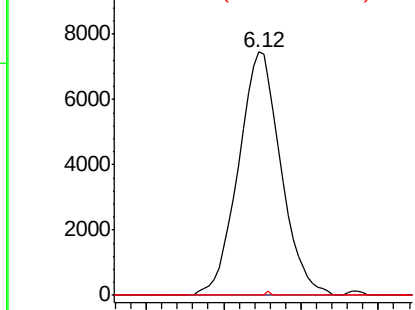
#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

Tgt Ion: 83 Resp: 14202
Ion Ratio Lower Upper
83 100
55 0.0 65.6 98.4#
98 0.0 36.4 54.6#

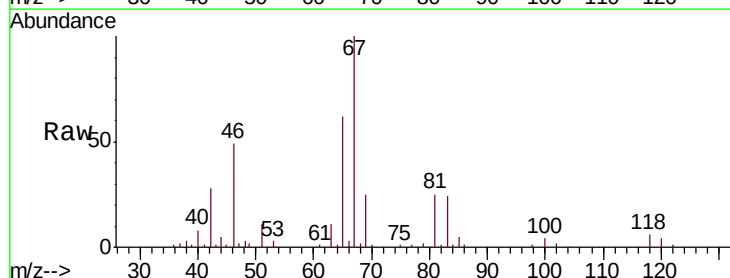


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

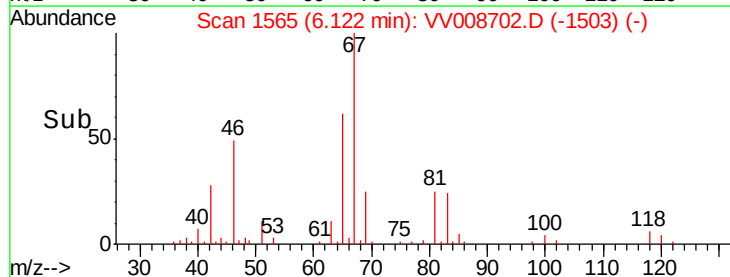
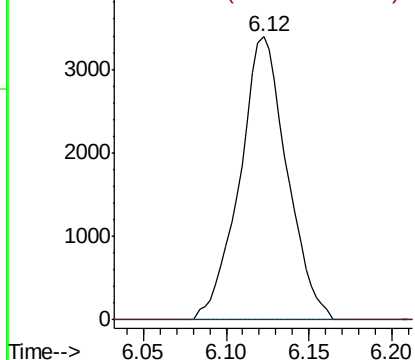


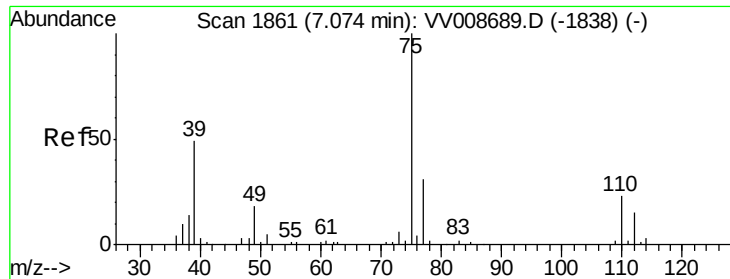
#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Tgt Ion: 63 Resp: 6734
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

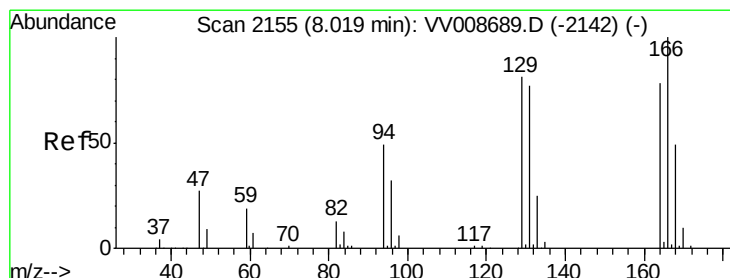
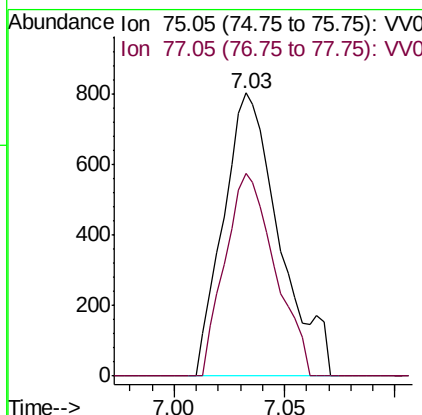
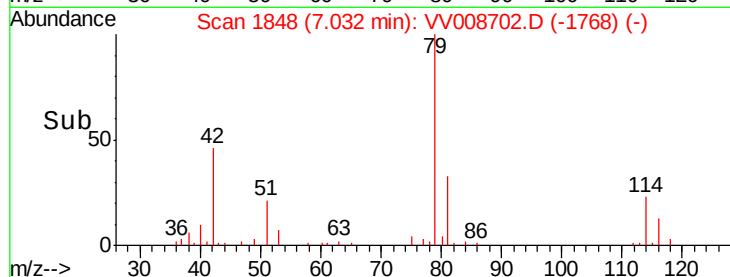
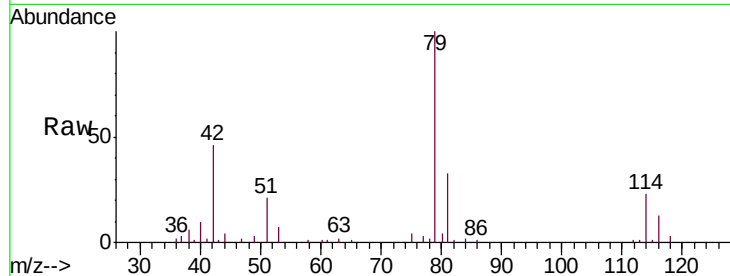




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008702.D
 Acq: 21 Nov 2018 15:48

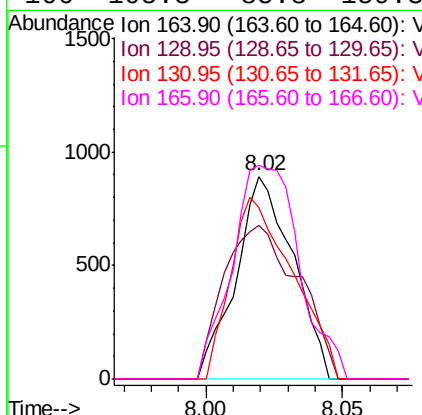
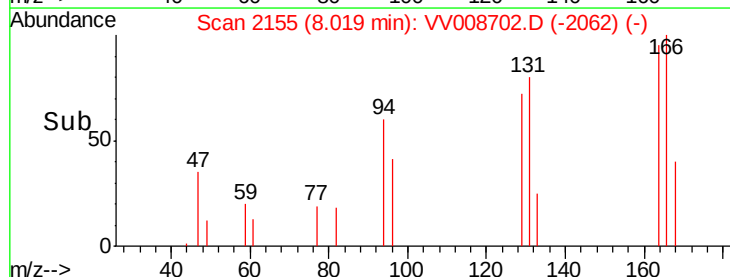
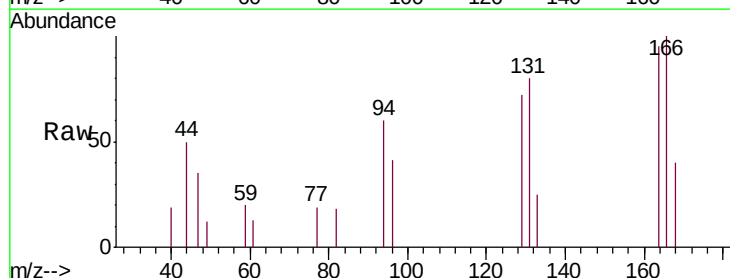
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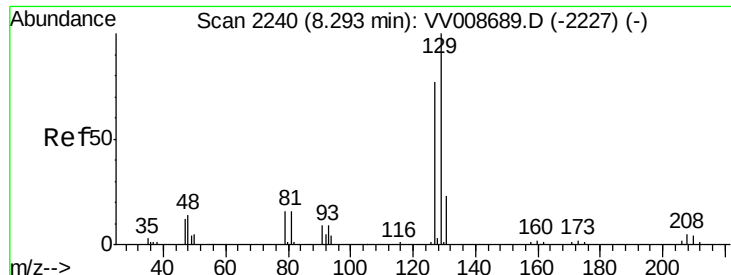
Tgt Ion: 75 Resp: 1419
 Ion Ratio Lower Upper
 75 100
 77 71.8 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 0.131 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV008702.D
 Acq: 21 Nov 2018 15:48

Tgt Ion: 164 Resp: 1293
 Ion Ratio Lower Upper
 164 100
 129 75.7 67.5 125.4
 131 84.7 66.4 123.4
 166 105.3 85.8 159.3





#49

Dibromochloromethane

Concen: 0.129 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008702.D

Acq: 21 Nov 2018 15:48

Instrument :

MSVOA_V

ClientSampleId :

H0FK4DL

Tgt Ion:129 Resp: 1263

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

