

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007091.D
 Acq On : 20 Aug 2018 23:59
 Operator : SY/MD
 Sample : J4515-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0325

Quant Time: Aug 21 05:27:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74887	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	67673	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.14	63	1303113	45.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	911.00%#
20) 2-Butanone-d5	3.97	46	226823	51.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.41	84	162278	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	86628	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.10	84	318438	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	106159	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	212487	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	20906	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.15	63	86295	30.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81253	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	79529	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	6890	0.237	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6561	0.376	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	2444361	144.133	ug/L #	68
13) Acetone	2.21	43	11478	5.085	ug/L	95
15) Methyl Acetate	2.47	43	1994	0.314	ug/L #	61
19) 1,1-Dichloroethane	3.23	63	328436	10.018	ug/L	97
27) 1,2-Dichloroethane	5.19	62	4517	0.202	ug/L #	92
29) 1,1,1-Trichloroethane	4.66	97	13803822	450.685	ug/L	97
31) Carbon tetrachloride	4.67	117	1958175	76.235	ug/L	99
34) Trichloroethene	5.96	95	21252	1.114	ug/L	93
35) Methylcyclohexane	6.12	83	25017	0.817	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10890	0.500	ug/L #	88
47) Tetrachloroethene	8.02	164	3294	0.213	ug/L	95
48) 2-Hexanone	8.20	43	42694	5.145	ug/L	97
49) Dibromochloromethane	8.03	129	2981	0.201	ug/L #	11

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Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

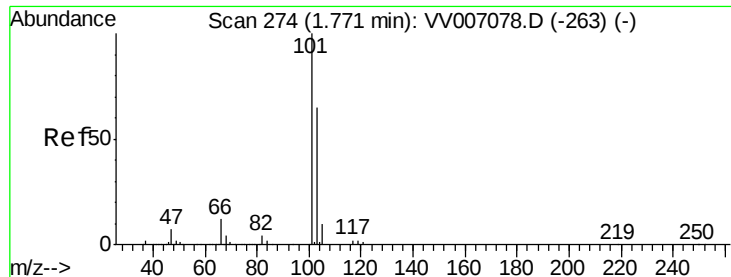
Instrument :
MSVOA_V
ClientSampleId :
C0325

Quant Time: Aug 21 05:27:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
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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Acq On : 20 Aug 2018 23:59
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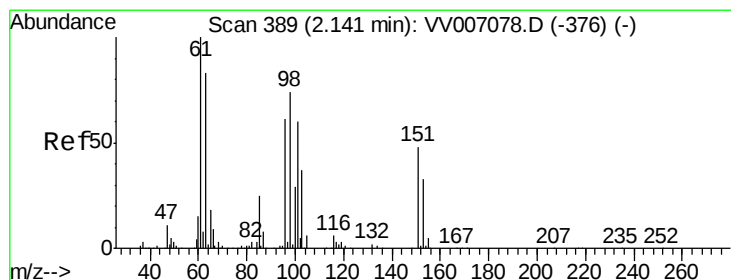
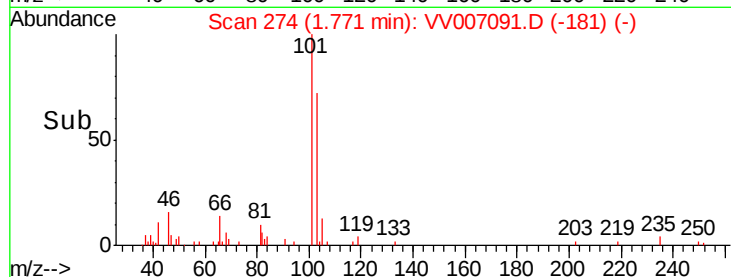
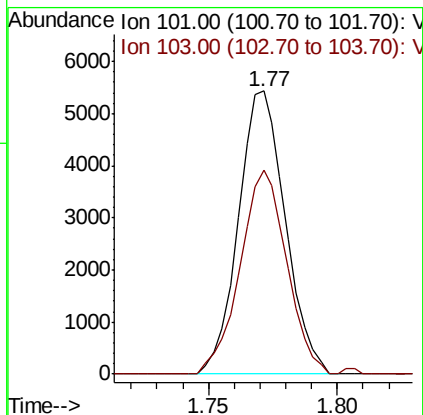
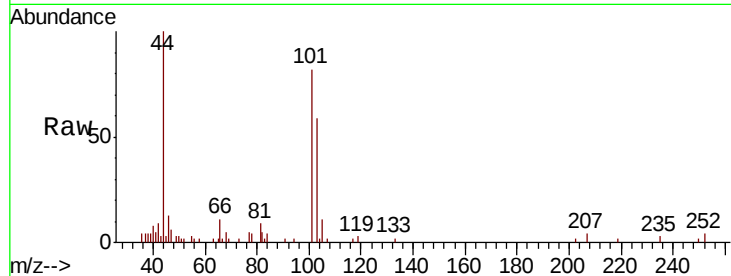


#9

Trichlorofluoromethane
 Concen: 0.237 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007091.D
 Acq: 20 Aug 2018 23:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0325

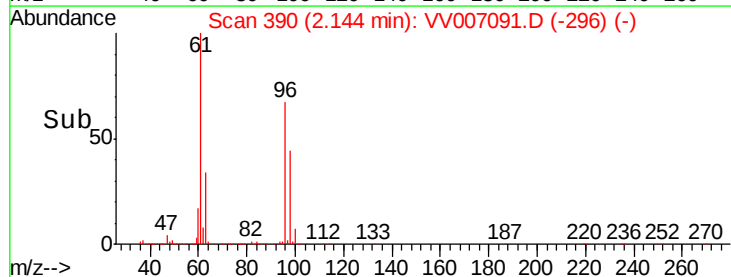
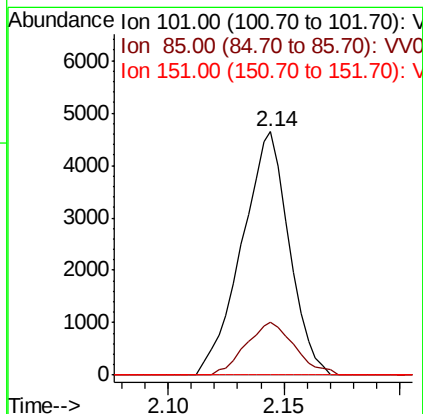
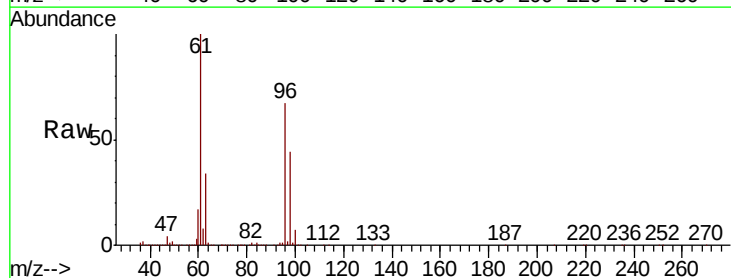
Tot Ion:101 Resp: 6890
 Ion Ratio Lower Upper
 101 100
 103 71.8 52.7 79.1

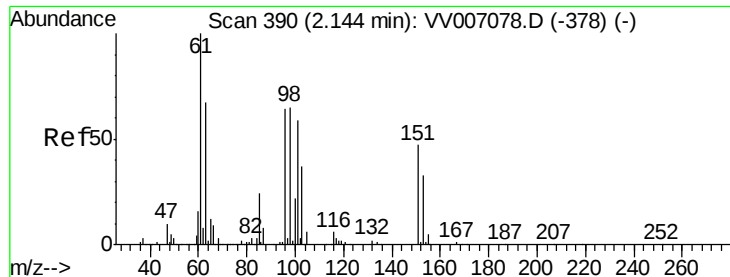


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.376 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV007091.D
 Acq: 20 Aug 2018 23:59

Tgt Ion:101 Resp: 6561
 Ion Ratio Lower Upper
 101 100
 85 22.4 33.9 50.9#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 144.133 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

MSVOA_V

ClientSampleId :

C0325

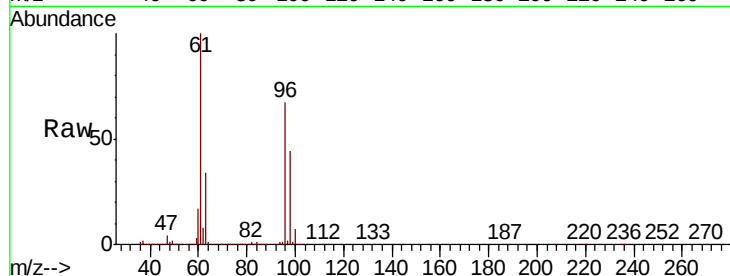
Tot Ion: 96 Resp: 2444361

Ion Ratio Lower Upper

96 100

61 149.0 111.6 207.4

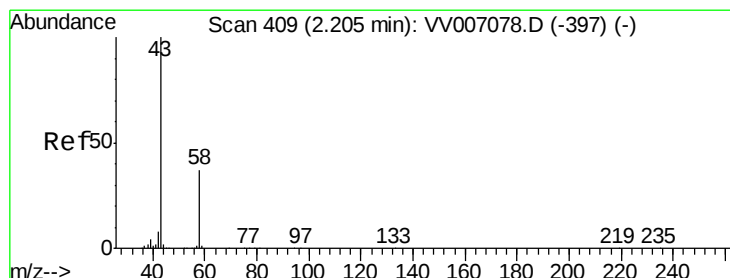
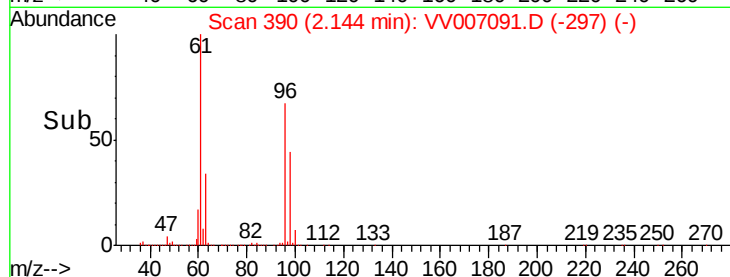
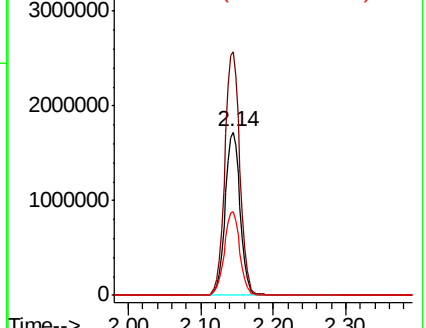
63 51.1 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 5.085 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007091.D

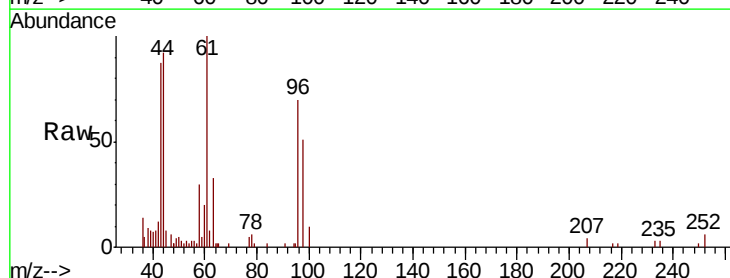
Acq: 20 Aug 2018 23:59

Tgt Ion: 43 Resp: 11478

Ion Ratio Lower Upper

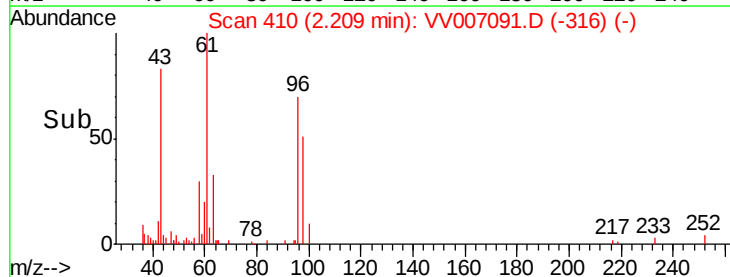
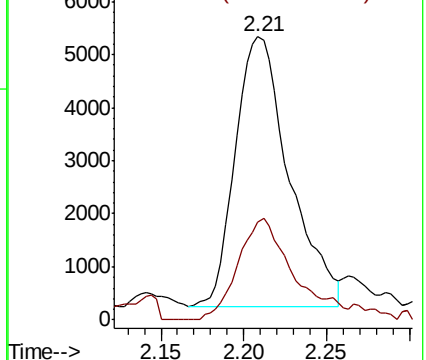
43 100

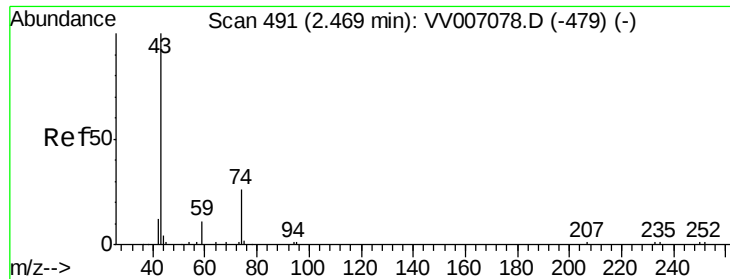
58 38.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

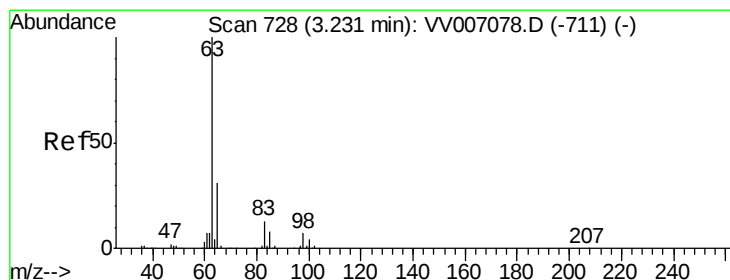
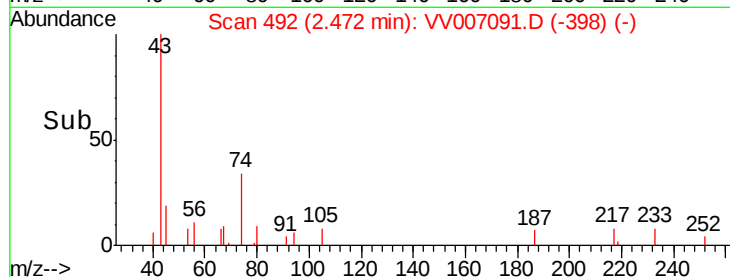
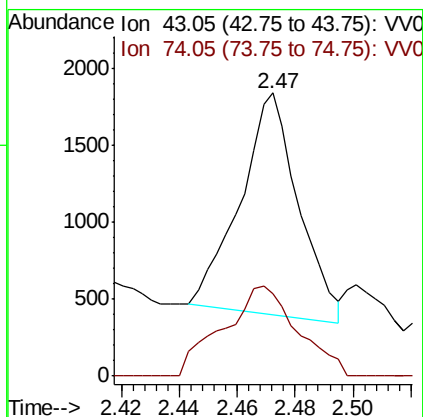
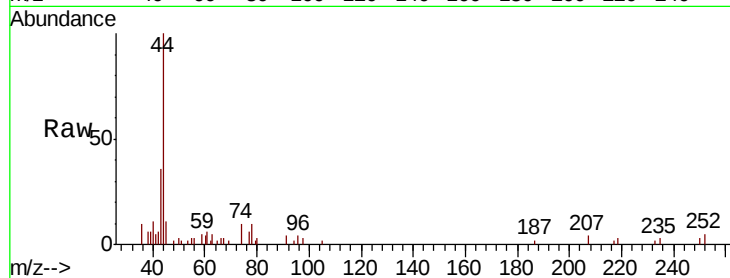




#15
Methvl Acetate
Concen: 0.314 ug/L
RT: 2.47 min Scan# 492
Delta R.T. 0.00 min
Lab File: VV007091.D
Acq: 20 Aug 2018 23:59

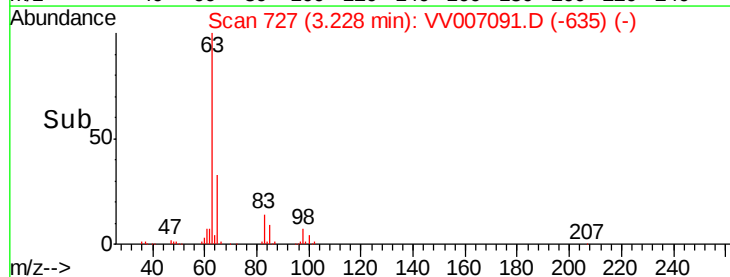
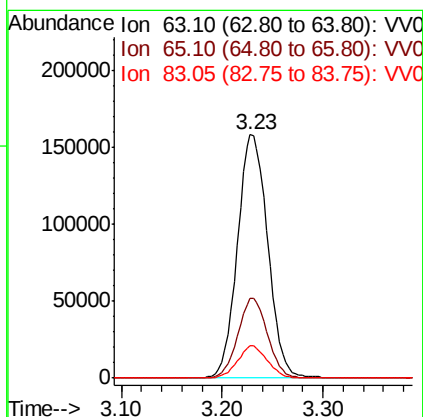
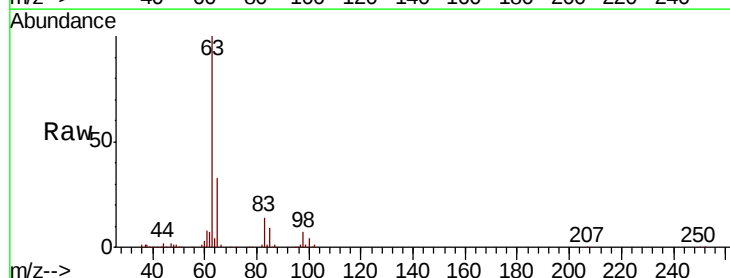
Instrument :
MSVOA_V
ClientSampled :
C0325

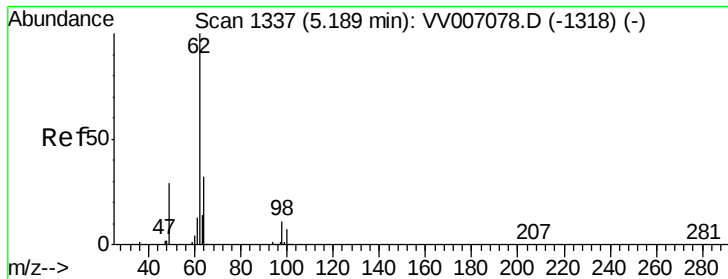
Tot Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
74 52.4 24.6 37.0#



#19
1,1-Dichloroethane
Concen: 10.018 ug/L
RT: 3.23 min Scan# 727
Delta R.T. -0.00 min
Lab File: VV007091.D
Acq: 20 Aug 2018 23:59

Tgt Ion: 63 Resp: 328436
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 13.5 10.0 18.6





#27

1,2-Dichloroethane

Concen: 0.202 ug/L

RT: 5.19 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

MSVOA_V

ClientSampleId :

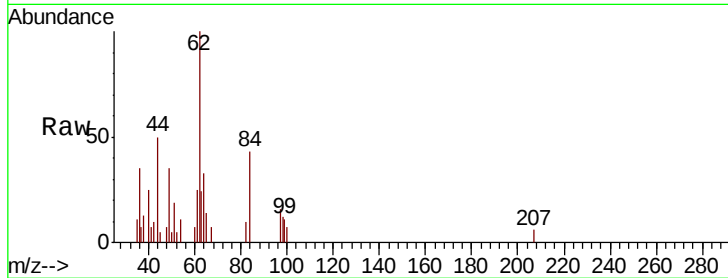
C0325

Tot Ion: 62 Resp: 4517

Ion Ratio Lower Upper

62 100

98 12.3 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV007078.D (-1318) (-)

Ion 98.05 (97.75 to 98.75): VV007078.D (-1318) (-)

5.19

2000

1500

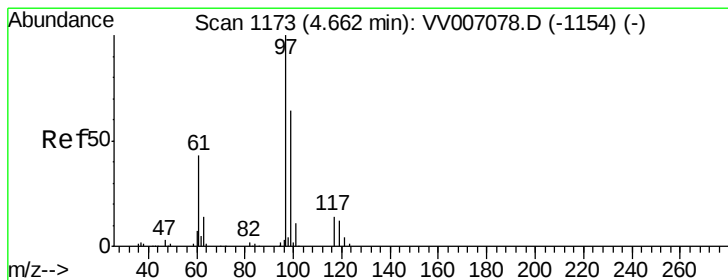
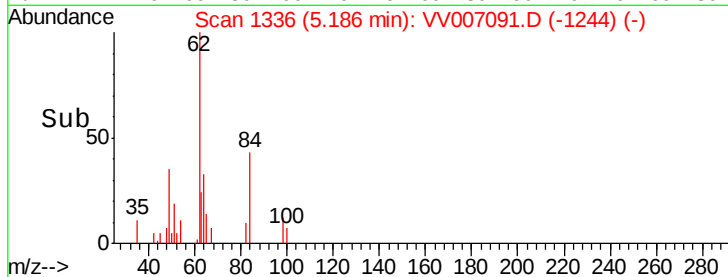
1000

500

0

5.15 5.20 5.25

Time-->



#29

1,1,1-Trichloroethane

Concen: 450.685 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

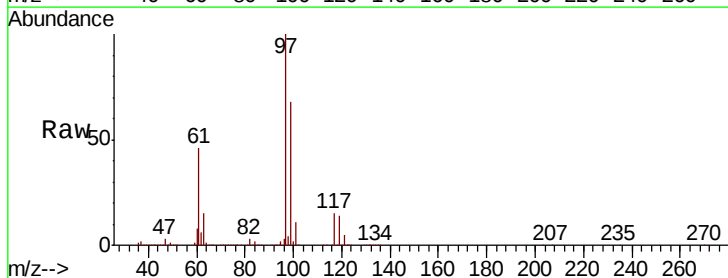
Tgt Ion: 97 Resp: 13803822

Ion Ratio Lower Upper

97 100

99 66.3 51.0 76.6

61 44.6 36.6 54.8



Abundance Ion 96.95 (96.65 to 97.65): VV007078.D (-1154) (-)

Ion 99.05 (98.75 to 99.75): VV007078.D (-1154) (-)

Ion 61.05 (60.75 to 61.75): VV007078.D (-1154) (-)

4.66

6000000

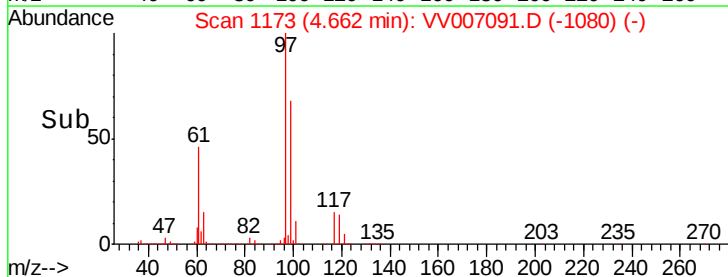
4000000

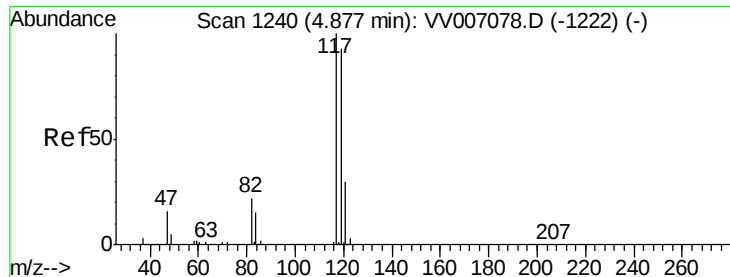
2000000

0

4.50 4.60 4.70 4.80

Time-->





#31

Carbon tetrachloride

Concen: 76.235 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. -0.21 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

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ClientSampleId :

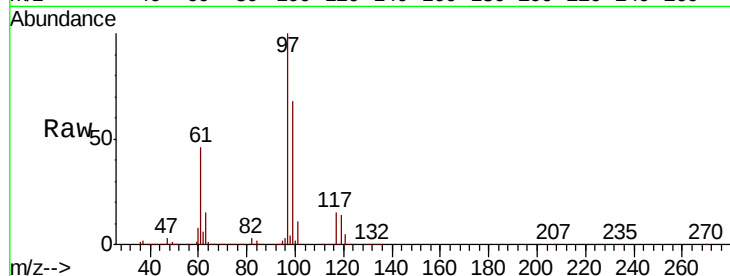
C0325

Tot Ion:117 Resp: 1958175

Ion Ratio Lower Upper

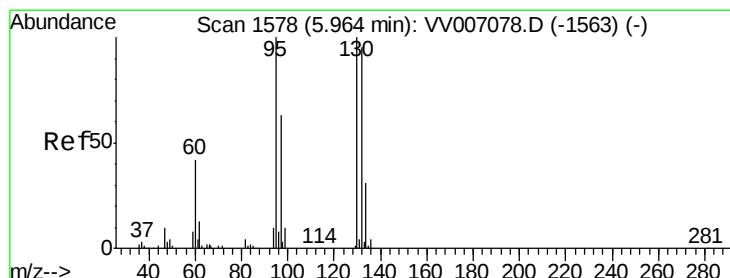
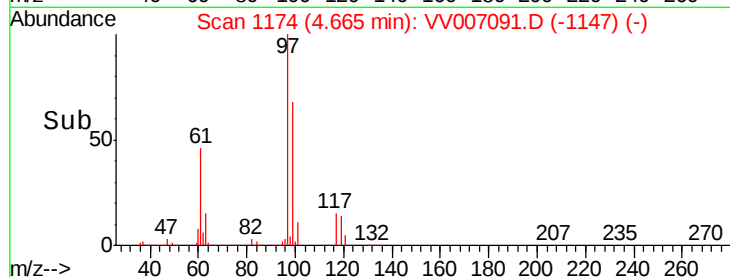
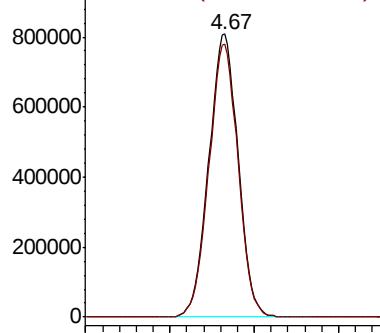
117 100

119 96.1 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.114 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Tgt Ion: 95 Resp: 21252

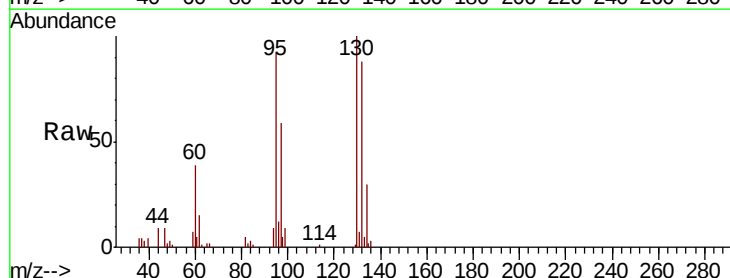
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 96.5 65.5 121.6

130 109.2 66.4 123.4

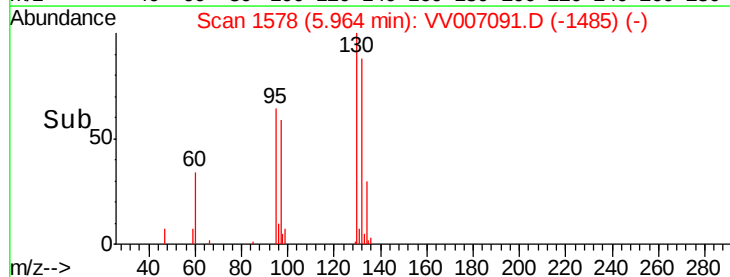
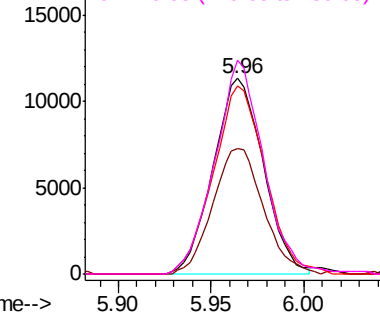


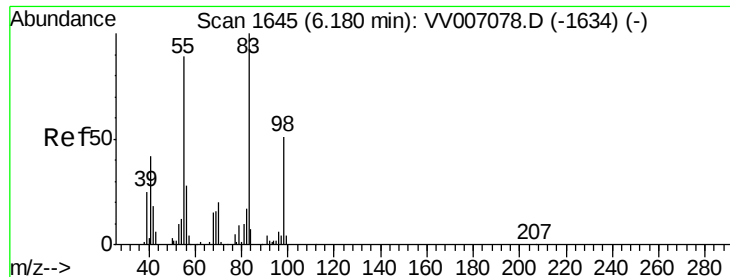
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methvlcvclohexane

Concen: 0.817 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

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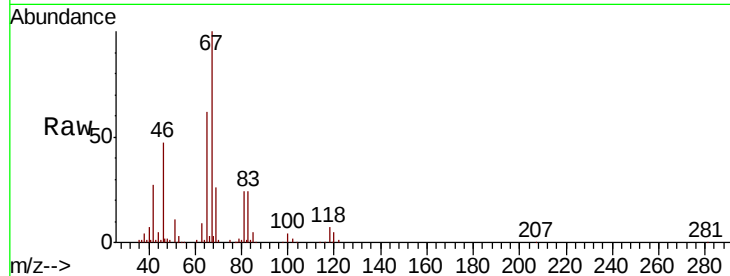
Tot Ion: 83 Resp: 25017

Ion Ratio Lower Upper

83 100

55 0.5 68.1 102.1#

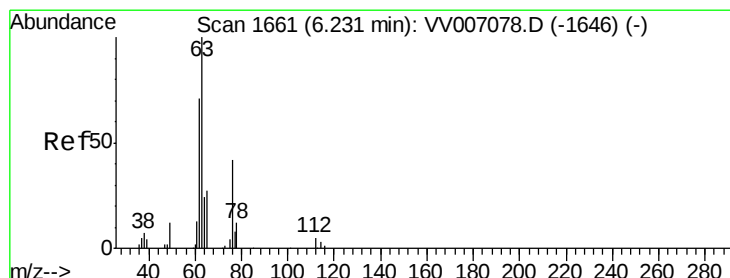
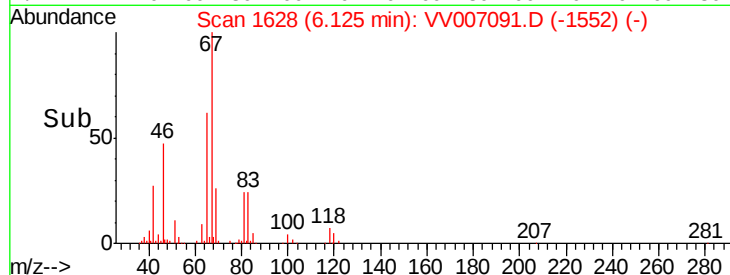
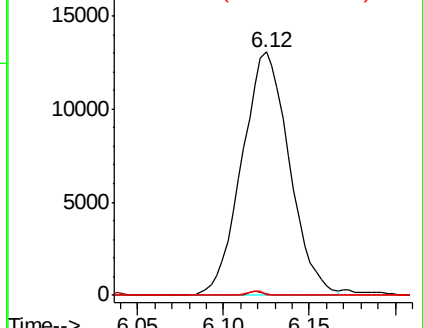
98 0.6 37.9 56.9#



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: 0.500 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV007091.D

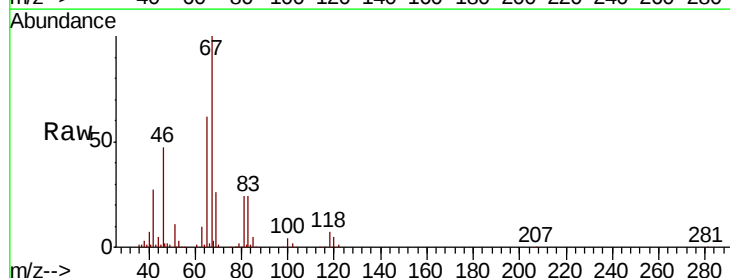
Acq: 20 Aug 2018 23:59

Tgt Ion: 63 Resp: 10890

Ion Ratio Lower Upper

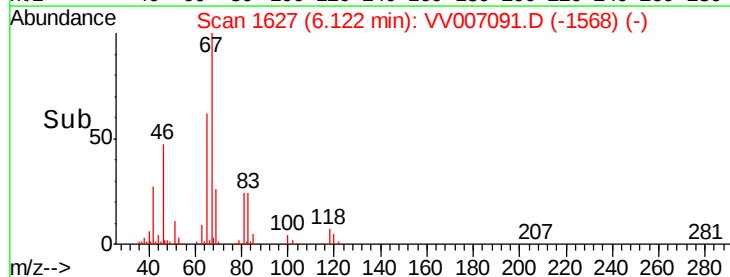
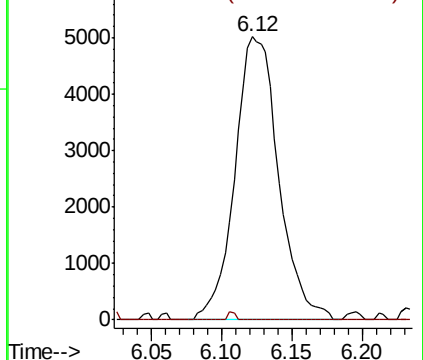
63 100

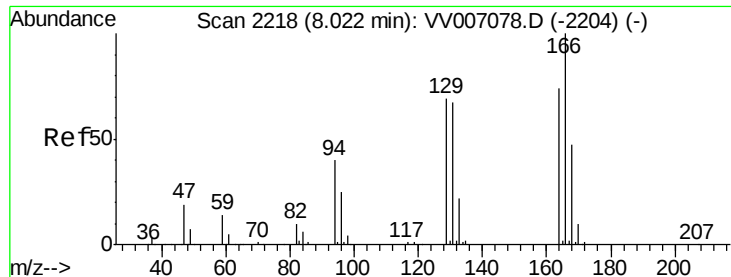
112 0.5 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

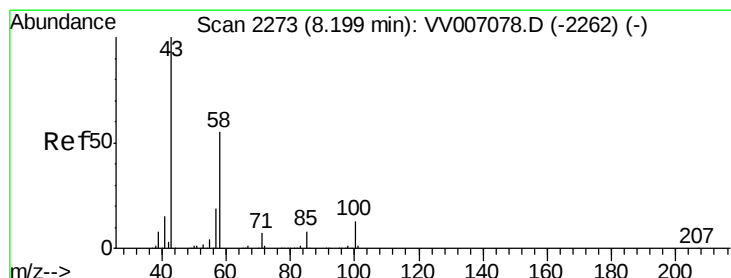
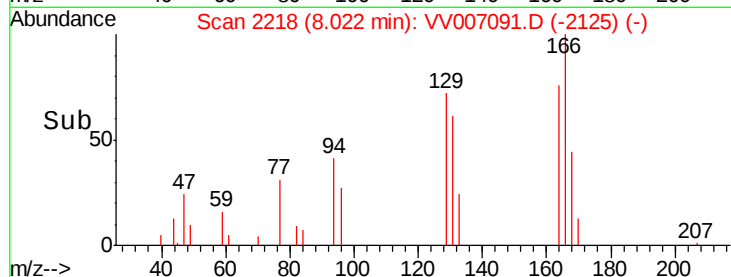
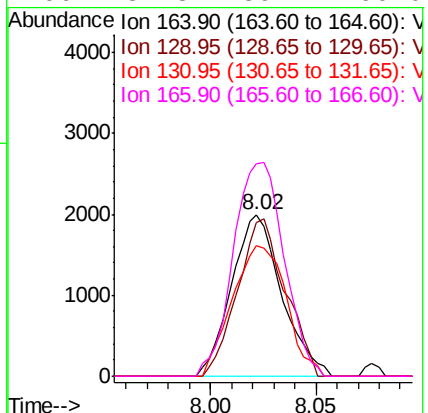
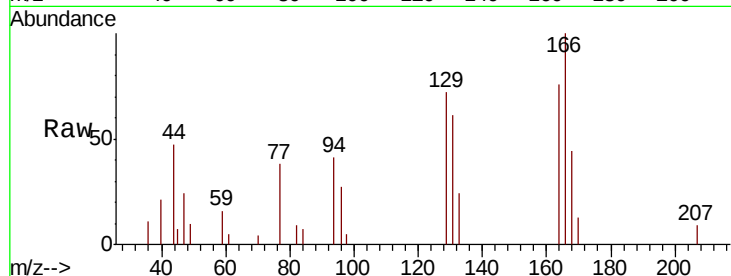




#47
Tetrachloroethene
Concen: 0.213 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV007091.D
Acq: 20 Aug 2018 23:59

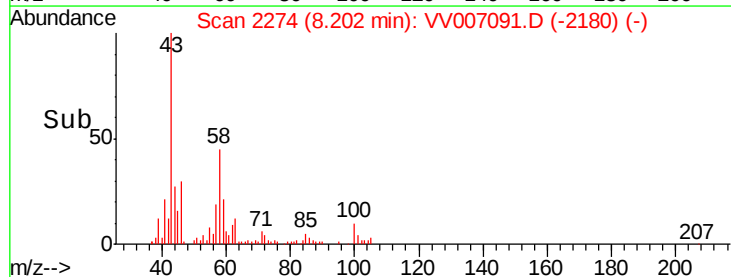
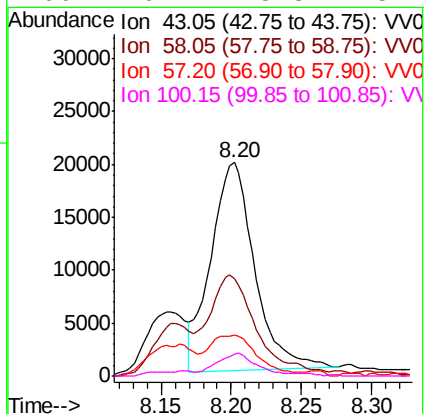
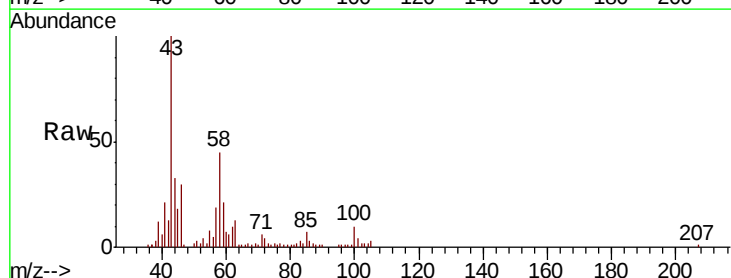
Instrument :
MSVOA_V
ClientSampleId :
C0325

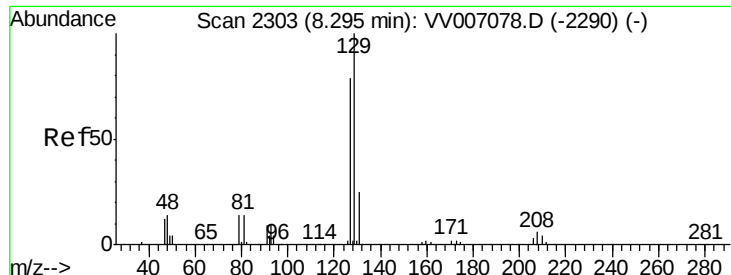
Tot Ion:	164	Resp:	3294
Ion	Ratio	Lower	Upper
164	100		
129	95.4	65.9	122.3
131	81.0	64.2	119.2
166	131.8	89.4	166.0



#48
2-Hexanone
Concen: 5.145 ug/L
RT: 8.20 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV007091.D
Acq: 20 Aug 2018 23:59

Tgt Ion:	43	Resp:	42694
Ion	Ratio	Lower	Upper
43	100		
58	52.7	44.2	66.2
57	18.6	14.8	22.2
100	10.2	8.8	13.2





#49

Dibromochloromethane

Concen: 0.201 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV007091.D

Acq: 20 Aug 2018 23:59

Instrument :

MSVOA_V

ClientSampleId :

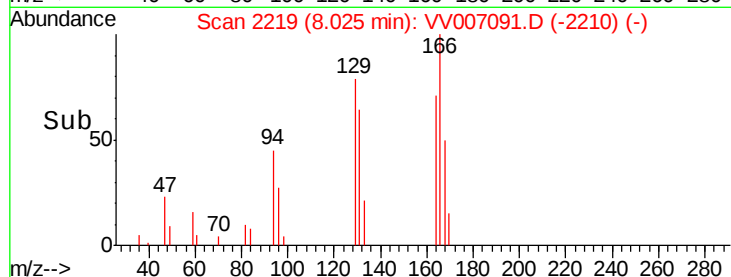
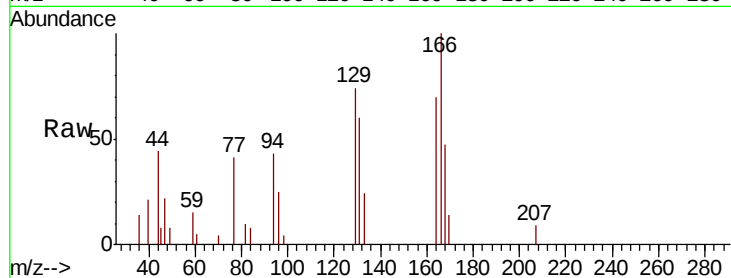
C0325

Tot Ion:129 Resp: 2981

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

