

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004584.D
 Acq On : 10 Aug 2018 06:17
 Operator : SY/AP
 Sample : J4393-01
 Misc : 11.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-7-9

Quant Time: Aug 10 08:00:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	569426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	971324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	900693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	383718	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	360100	57.13	ug/l	0.00
Spiked Amount			Recovery	=	114.26%	
35) Dibromofluoromethane	7.89	113	338741	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
50) Toluene-d8	10.33	98	1145692	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.62	95	370469	41.65	ug/l	0.00
Spiked Amount			Recovery	=	83.30%	

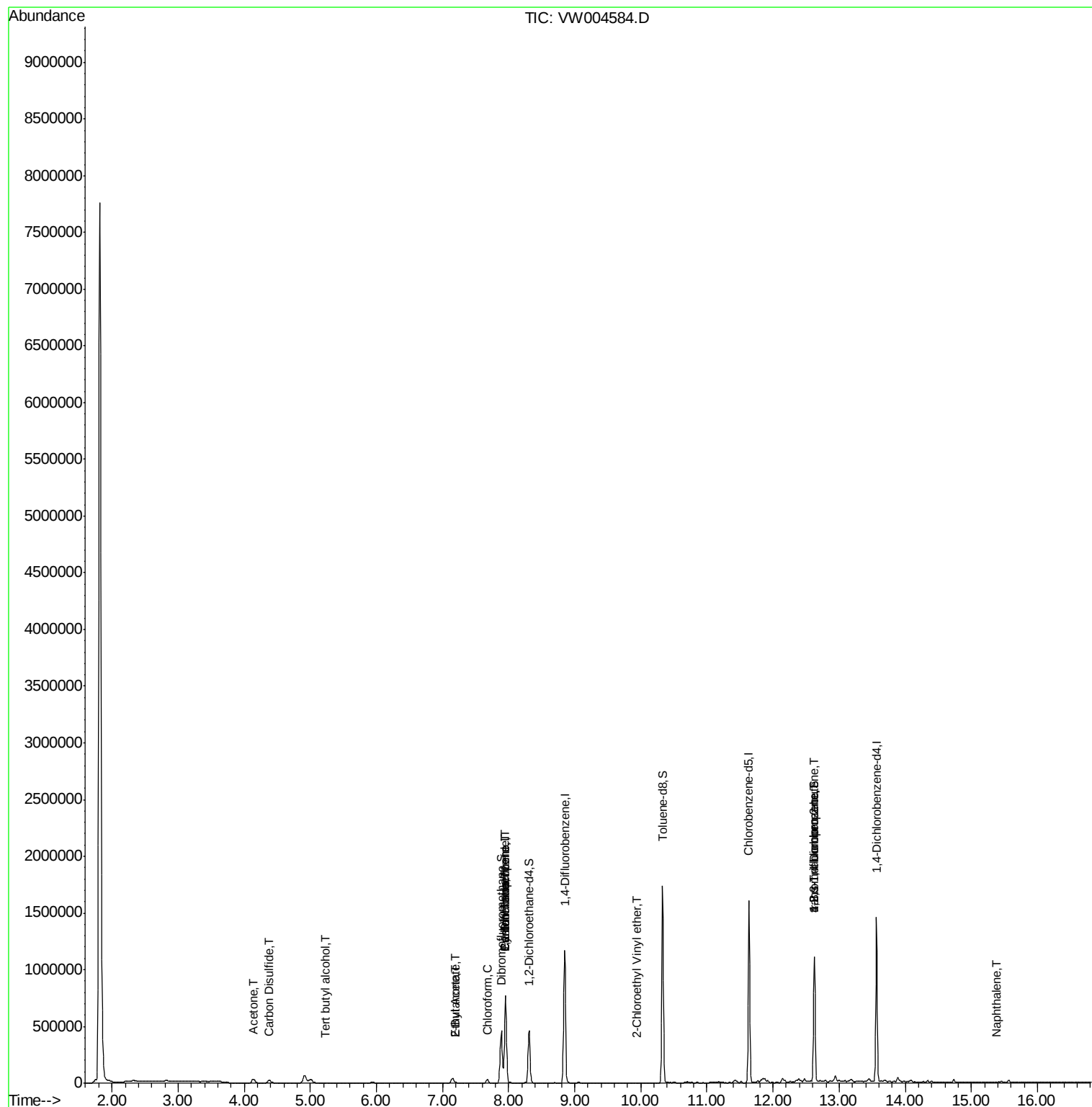
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	2283	6.186	ug/l	95
16) Acetone	4.14	43	65864	41.841	ug/l	97
17) Carbon Disulfide	4.38	76	59000	2.940	ug/l	98
20) Methylene Chloride	4.91	84	58931	Below Cal		98
25) 2-Butanone	7.20	43	6346	2.506	ug/l #	73
30) Chloroform	7.68	83	28040	2.313	ug/l	87
31) Cyclohexane	7.95	56	12151	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	44956	4.299	ug/l #	48
37) Ethyl Acetate	7.20	43	6346	1.296	ug/l #	69
38) Carbon Tetrachloride	7.95	117	54263	5.766	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	90	8.968	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	181588	45.733	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	181588	109.478	ug/l #	12
95) Naphthalene	15.38	128	3149	3.088	ug/l #	96

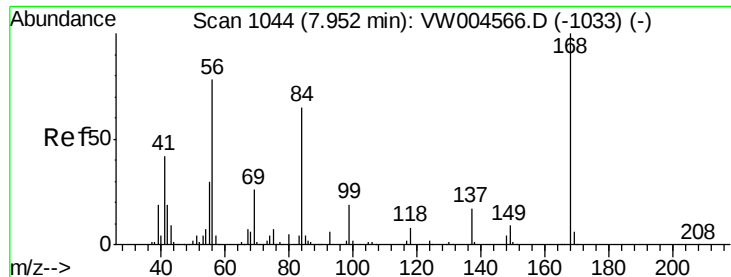
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

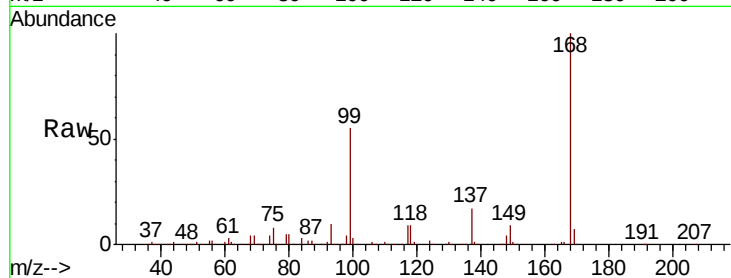
JTY-SB-01-7-9

Tgt Ion:168 Resp: 569426

Ion Ratio Lower Upper

168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

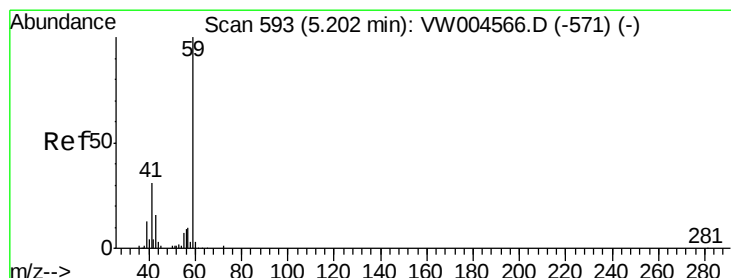
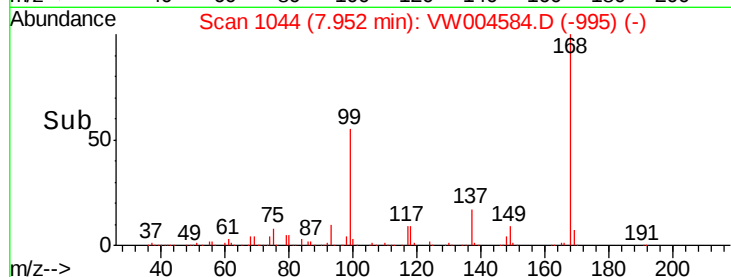
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.186 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VW004584.D

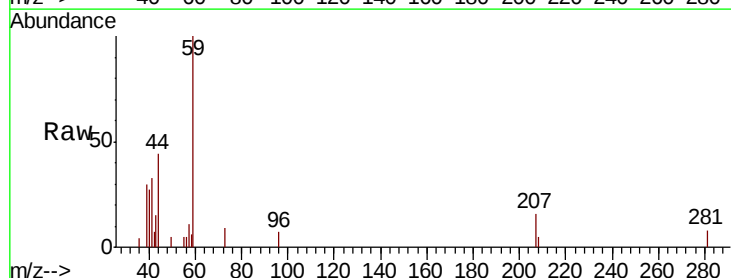
Acq: 10 Aug 2018 06:17

Tgt Ion: 59 Resp: 2283

Ion Ratio Lower Upper

59 100

57 13.3 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

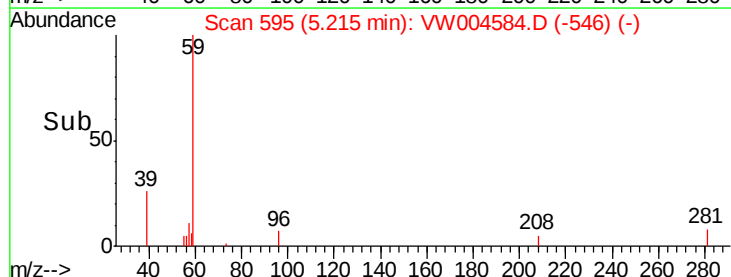
1500

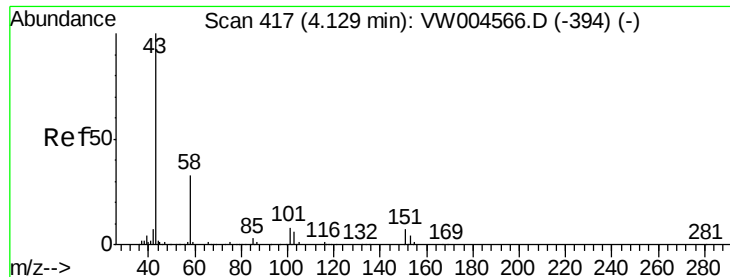
1000

500

0

Time-->





#16

Acetone

Concen: 41.841 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

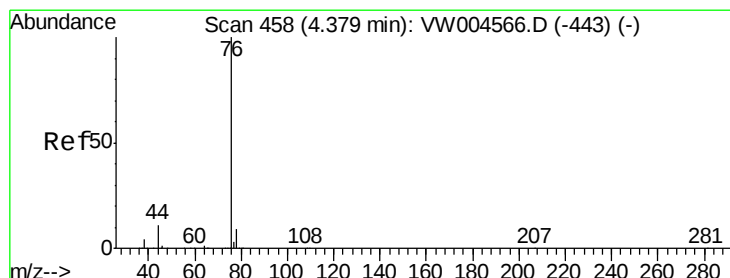
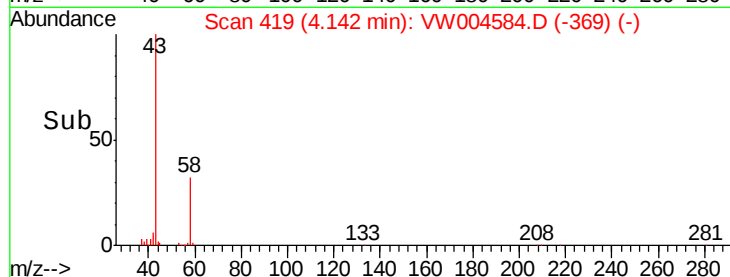
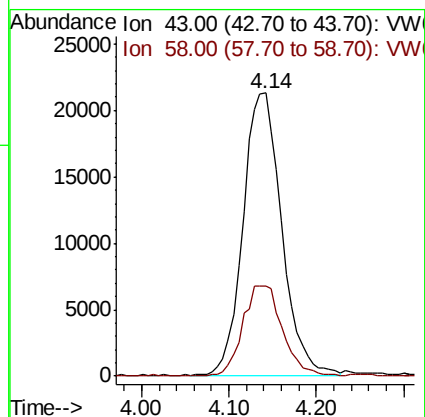
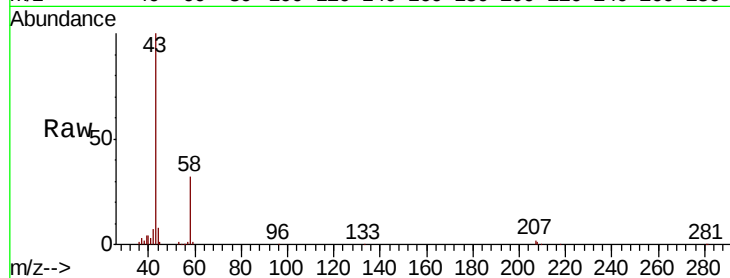
JTY-SB-01-7-9

Tgt Ion: 43 Resp: 65864

Ion Ratio Lower Upper

43 100

58 31.8 26.8 40.2



#17

Carbon Disulfide

Concen: 2.940 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004584.D

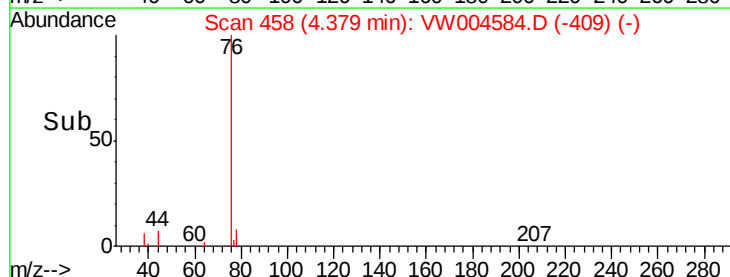
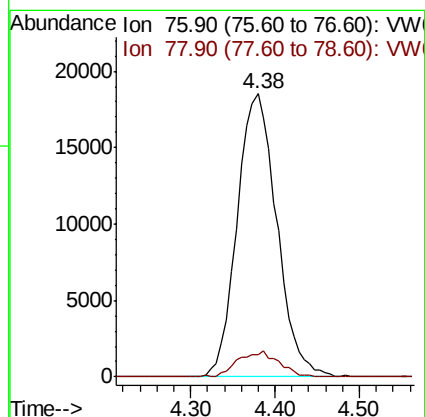
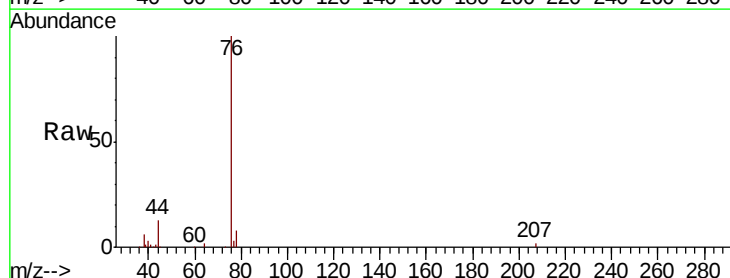
Acq: 10 Aug 2018 06:17

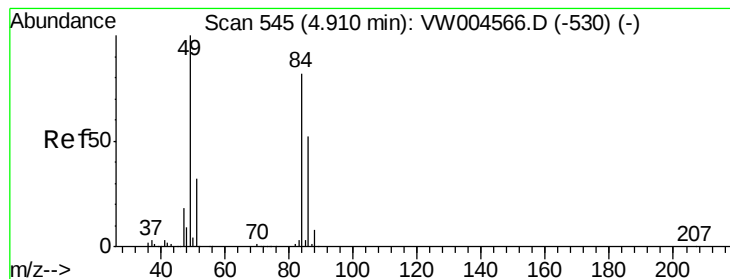
Tgt Ion: 76 Resp: 59000

Ion Ratio Lower Upper

76 100

78 8.0 7.0 10.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-7-9

Tgt Ion: 84 Resp: 58931

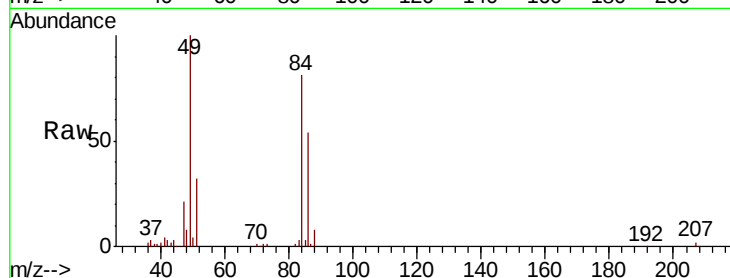
Ion Ratio Lower Upper

84 100

49 123.6 99.6 149.4

51 39.8 31.0 46.4

86 66.5 51.5 77.3

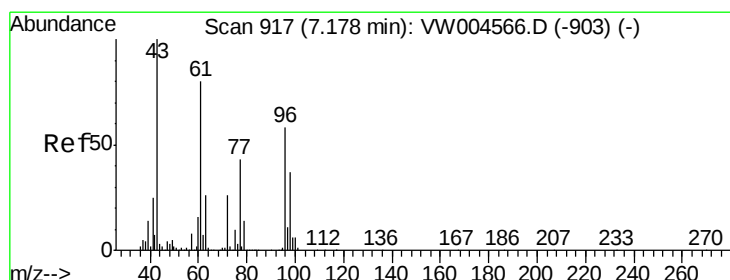
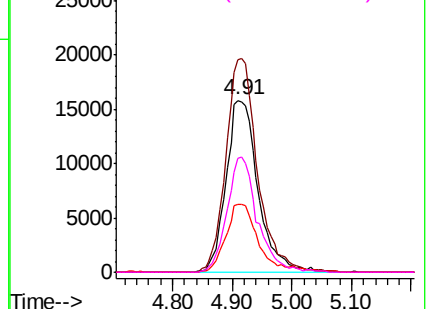
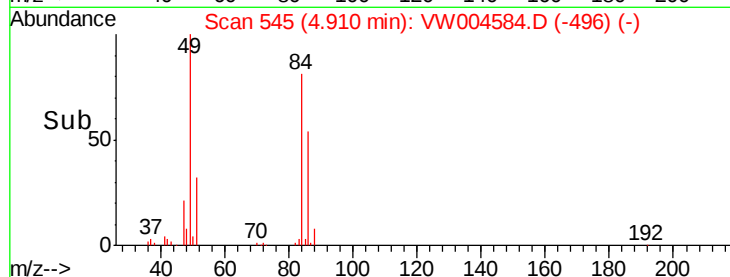


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.506 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW004584.D

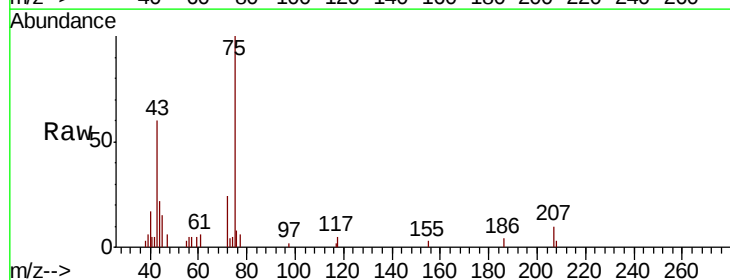
Acq: 10 Aug 2018 06:17

Tgt Ion: 43 Resp: 6346

Ion Ratio Lower Upper

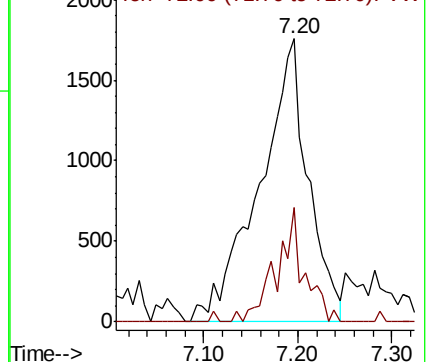
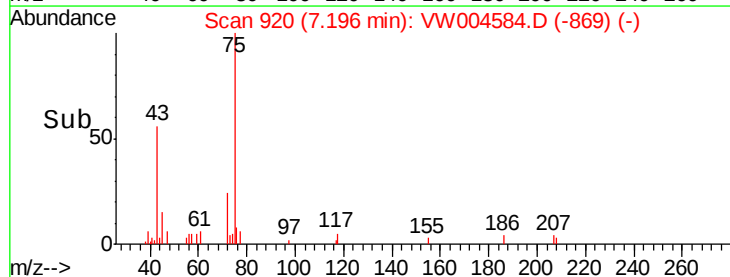
43 100

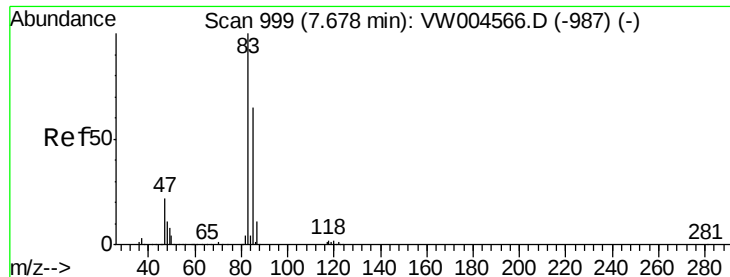
72 40.3 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

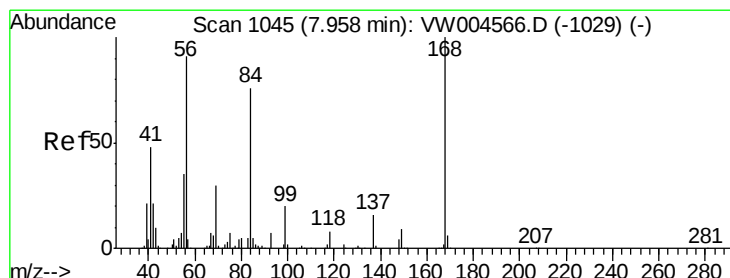
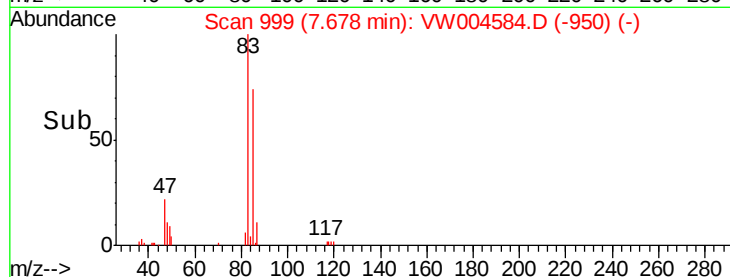
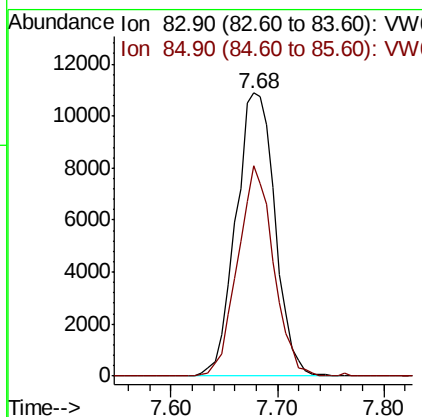
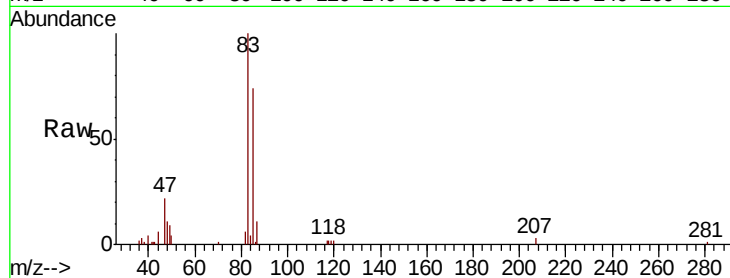




#30
Chloroform
Concen: 2.313 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

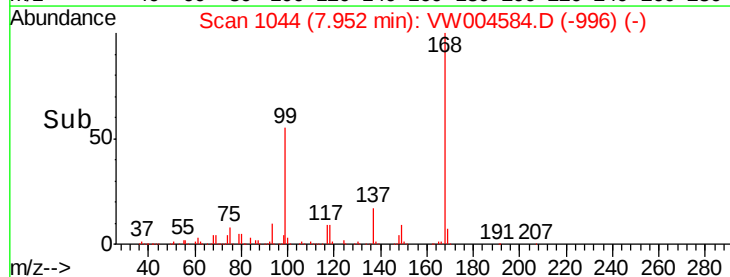
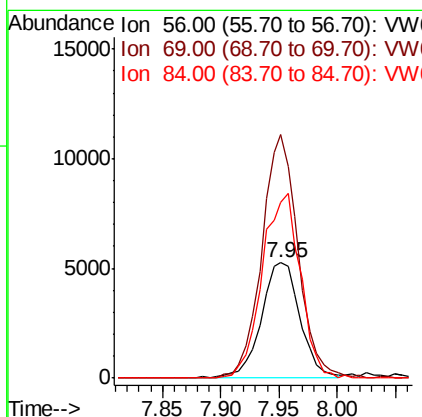
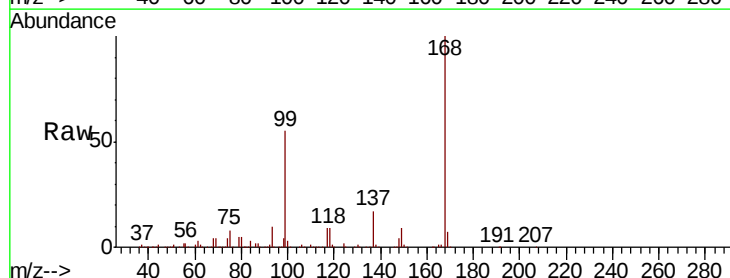
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-7-9

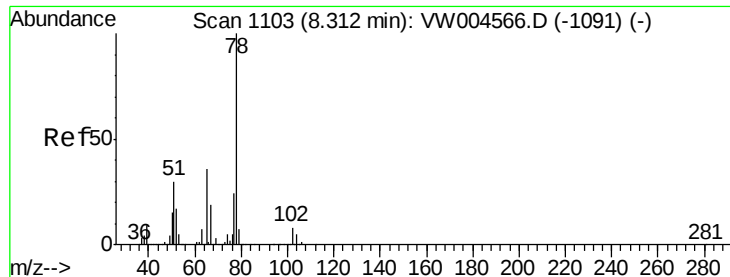
Tgt Ion: 83 Resp: 28040
Ion Ratio Lower Upper
83 100
85 74.5 51.3 76.9



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

Tgt Ion: 56 Resp: 12151
Ion Ratio Lower Upper
56 100
69 211.3 26.4 39.6#
84 152.1 66.9 100.3#

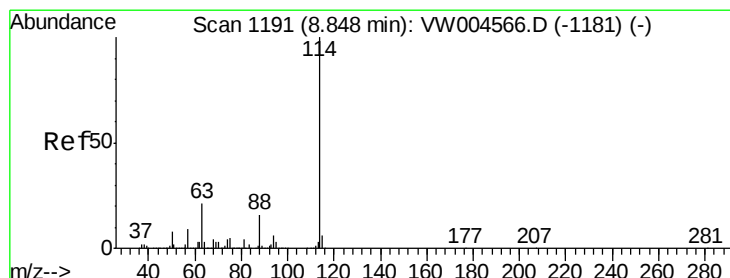
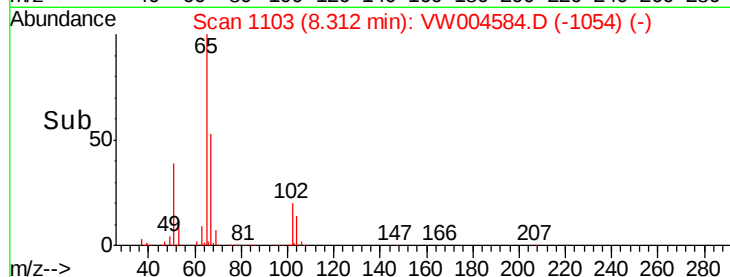
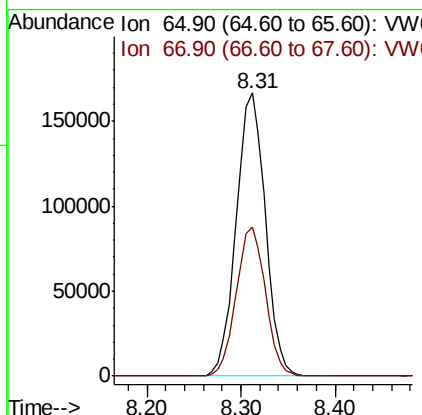
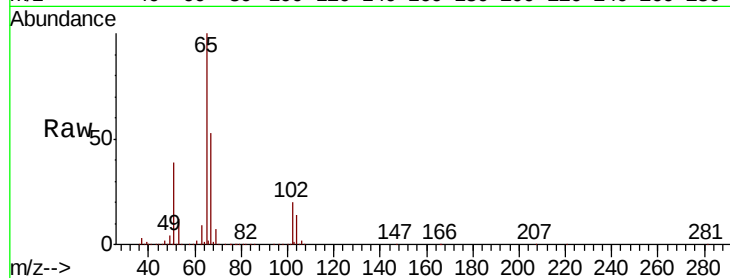




#33
 1,2-Dichloroethane-d4
 Concen: 57.128 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004584.D
 Acq: 10 Aug 2018 06:17

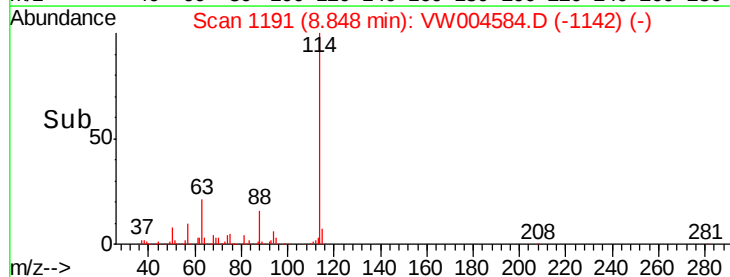
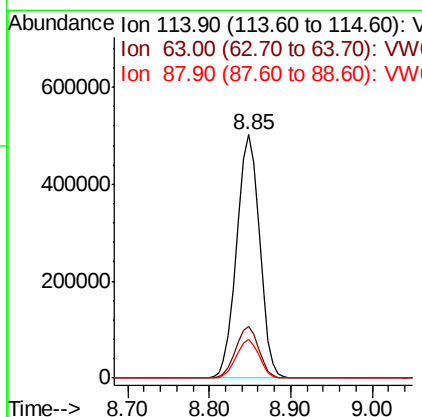
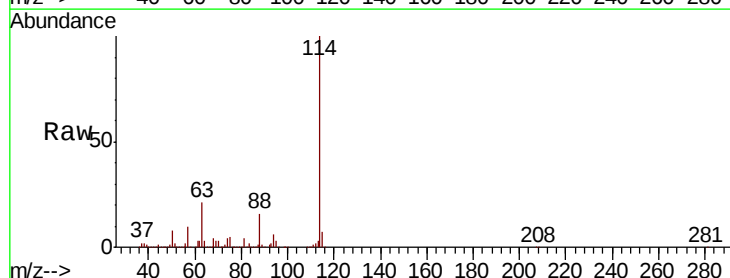
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-7-9

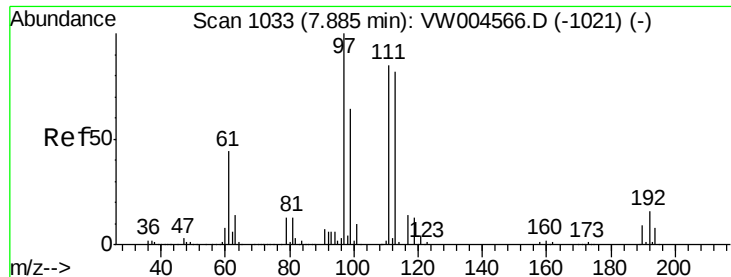
Tgt Ion: 65 Resp: 360100
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004584.D
 Acq: 10 Aug 2018 06:17

Tgt Ion: 114 Resp: 971324
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 15.8 0.0 31.2

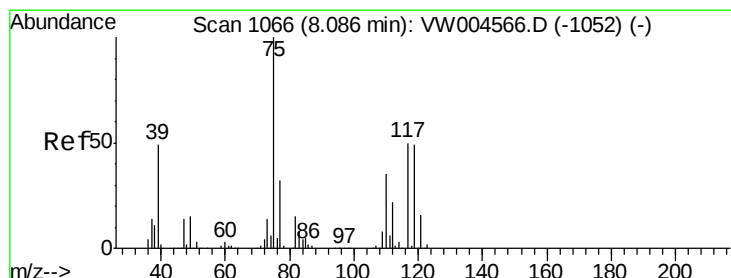
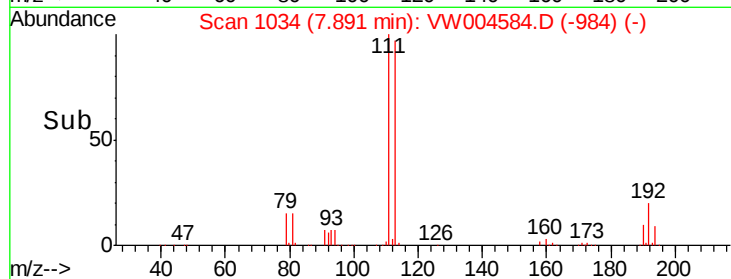
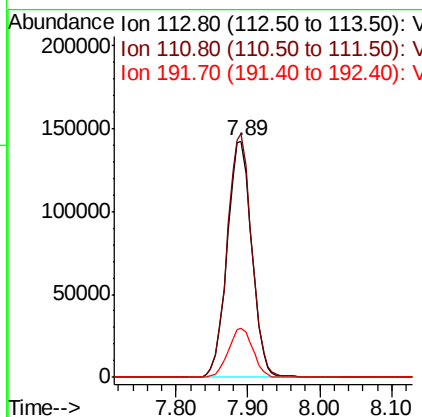
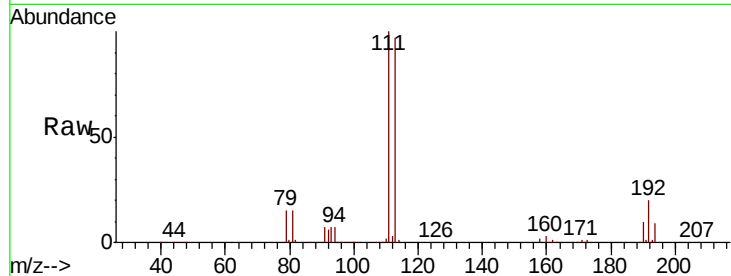




#35
 Dibromofluoromethane
 Concen: 52.303 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004584.D
 Acq: 10 Aug 2018 06:17

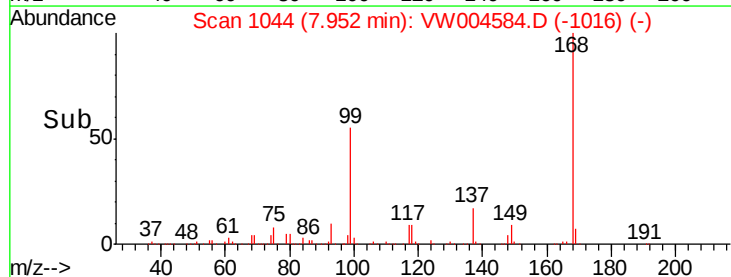
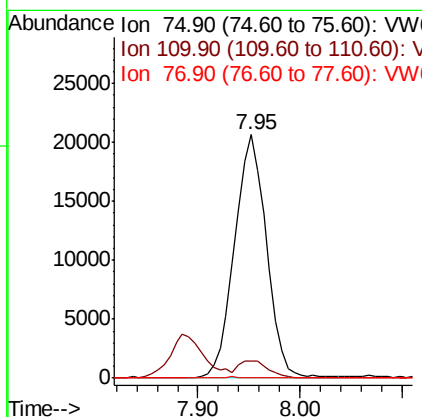
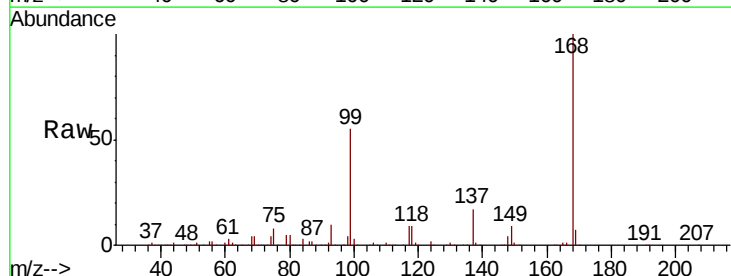
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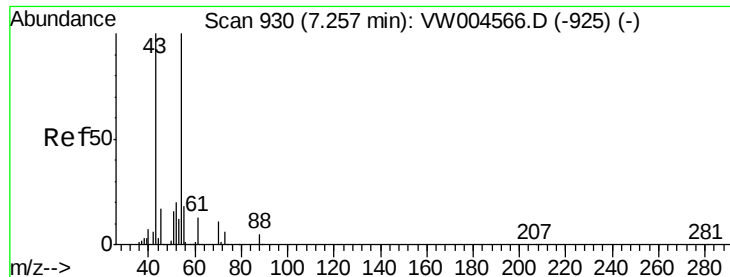
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.6	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.299 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004584.D
 Acq: 10 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.4	52.2#
77	0.1	24.7	37.1#





#37

Ethyl Acetate

Concen: 1.296 ug/l

RT: 7.20 min Scan# 920

Delta R.T. -0.06 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-7-9

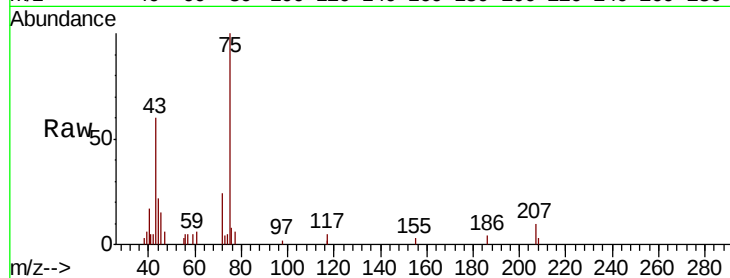
Tgt Ion: 43 Resp: 6346

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

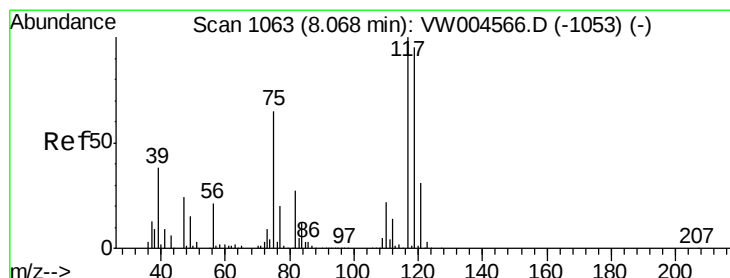
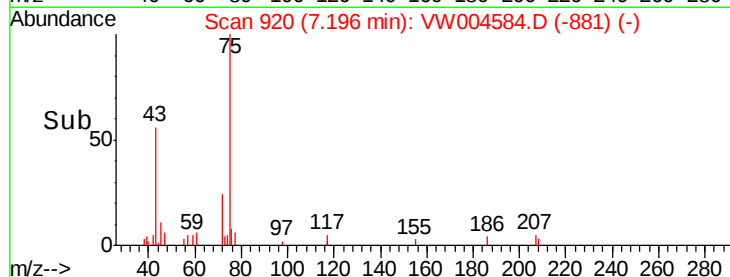
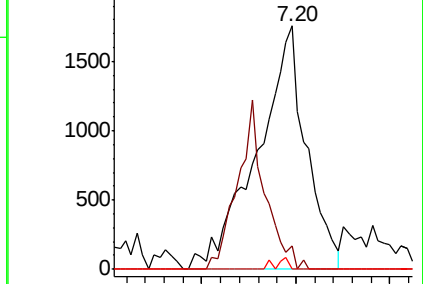
70 1.3 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.766 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

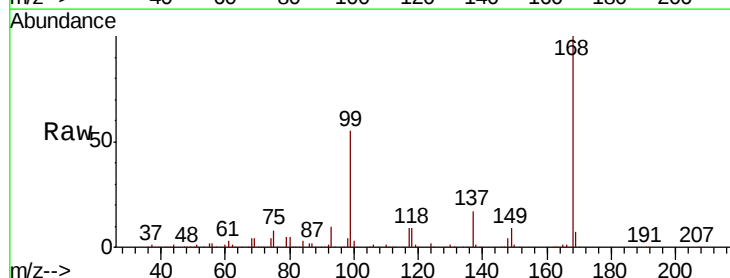
Tgt Ion: 117 Resp: 54263

Ion Ratio Lower Upper

117 100

119 6.9 76.1 114.1#

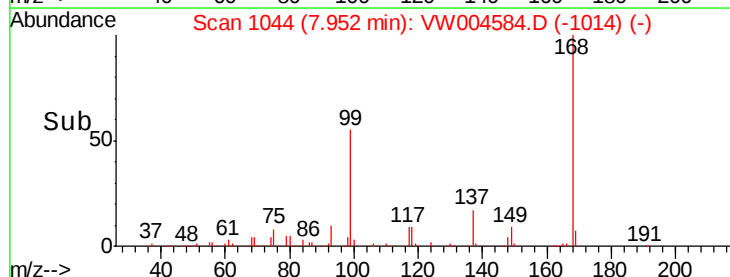
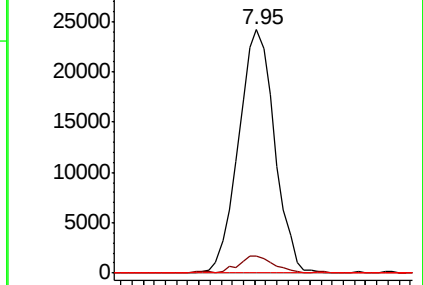
121 0.0 24.2 36.4#

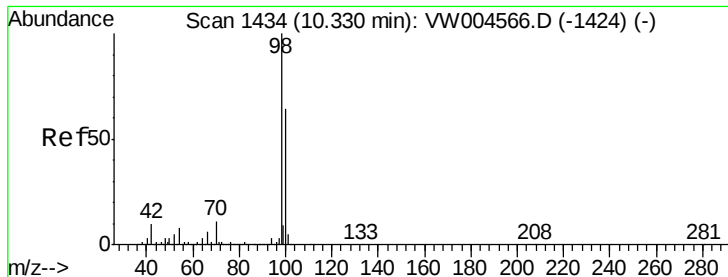


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.402 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

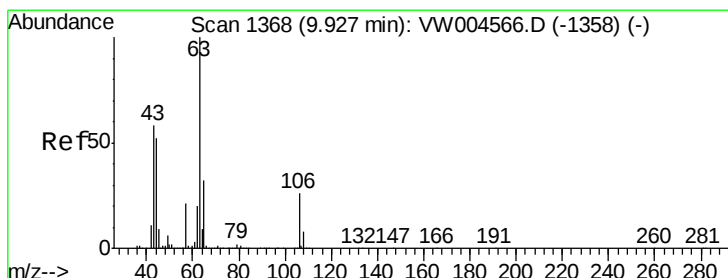
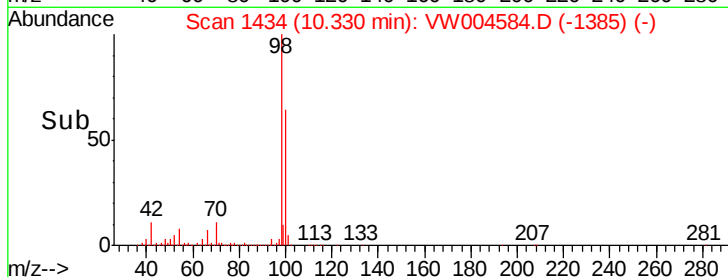
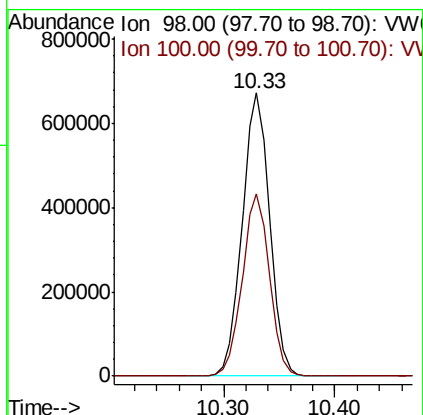
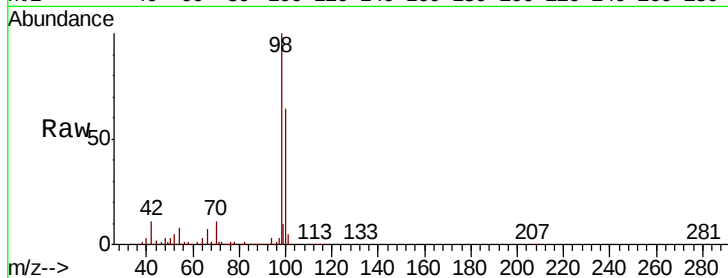
JTY-SB-01-7-9

Tgt Ion: 98 Resp: 1145692

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.968 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004584.D

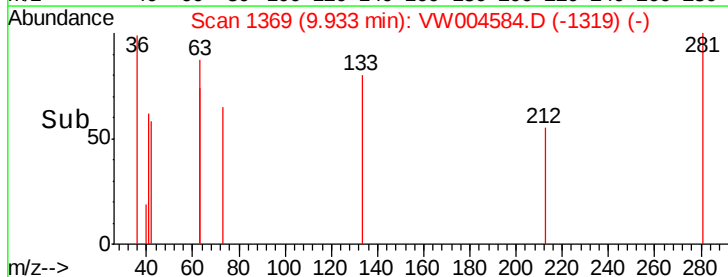
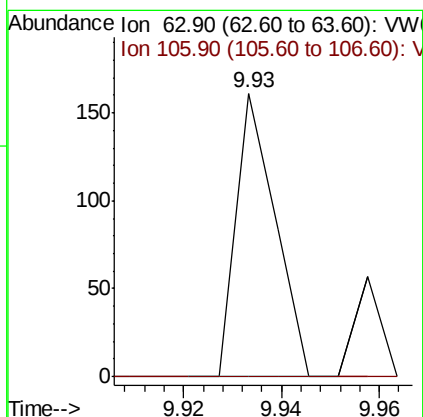
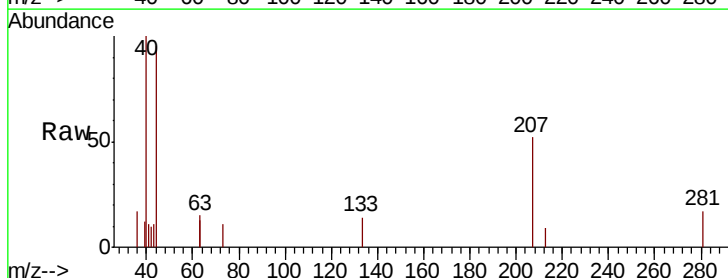
Acq: 10 Aug 2018 06:17

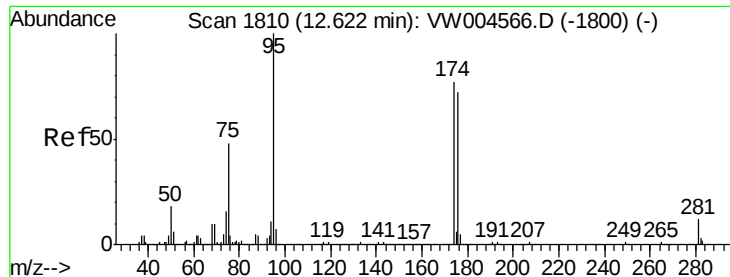
Tgt Ion: 63 Resp: 90

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

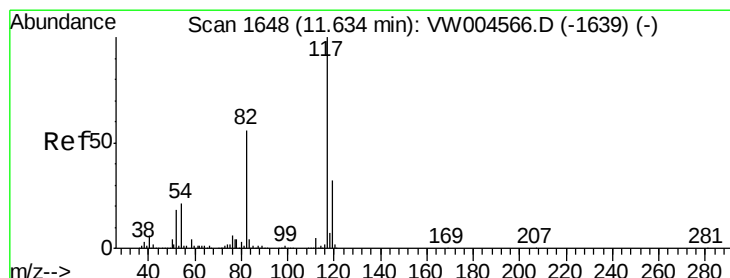
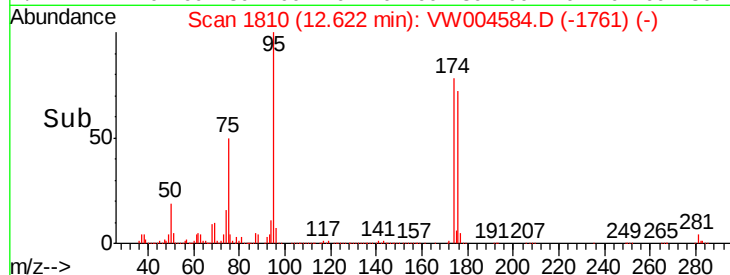
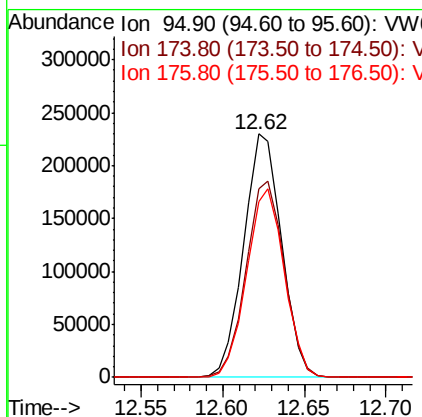
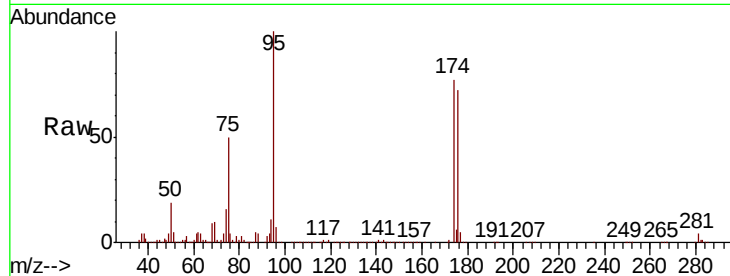




#62
4-Bromofluorobenzene
Concen: 41.654 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

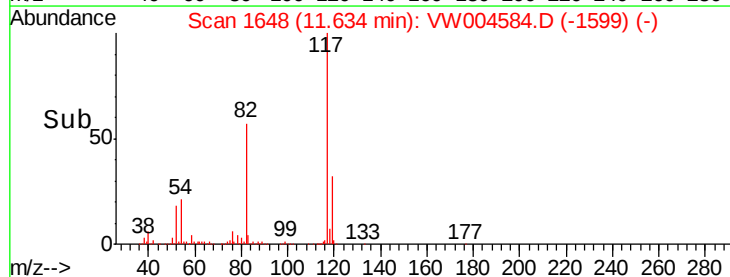
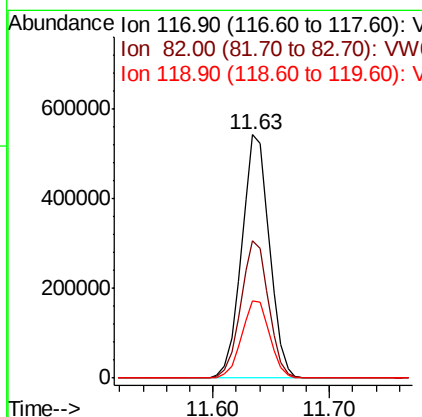
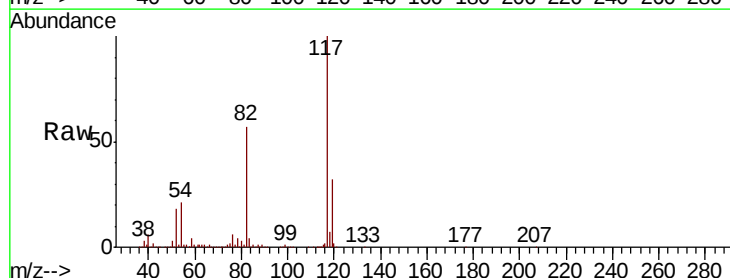
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-7-9

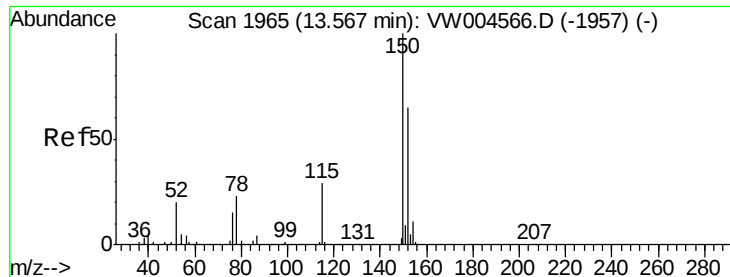
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	160.4
176	77.8	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	31.5	26.2	39.4



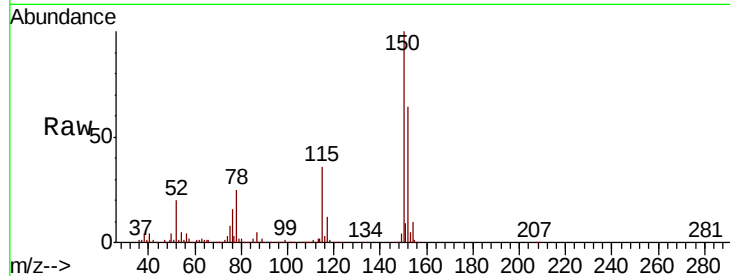


#72

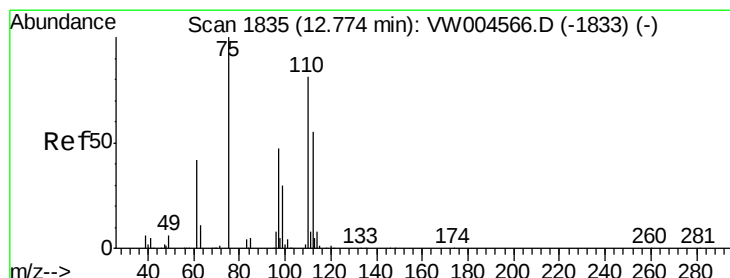
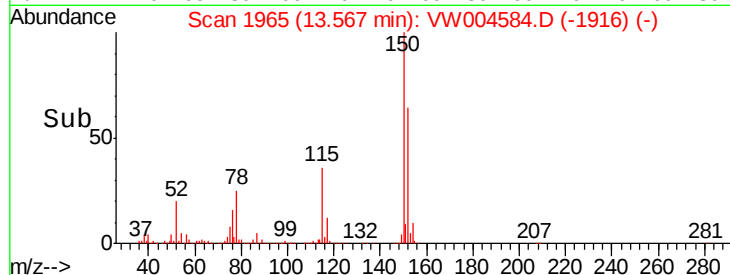
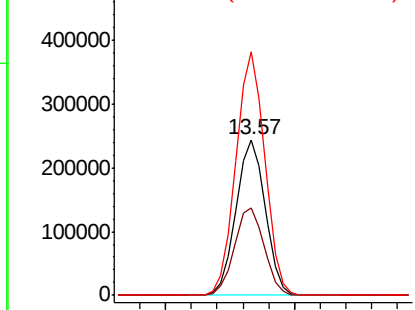
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-7-9

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.1	87.3
150	155.6	0.0	349.6



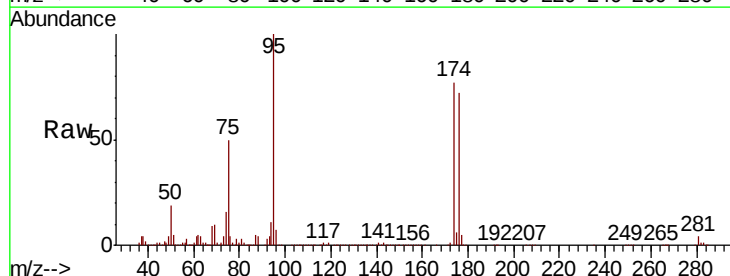
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



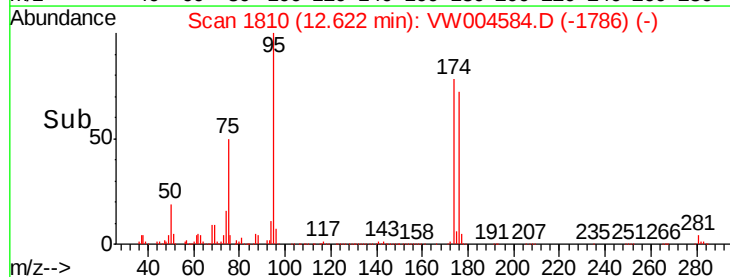
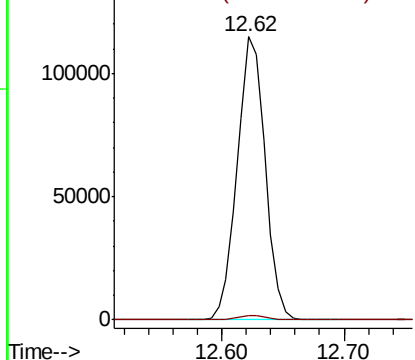
#76

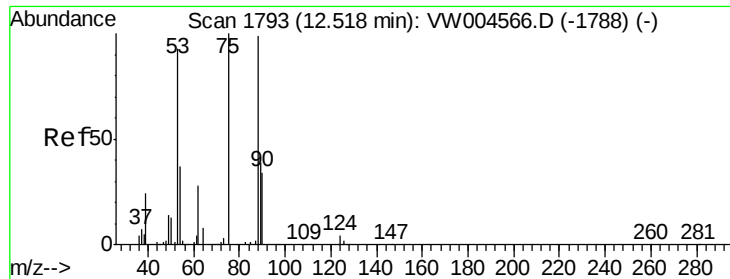
1,2,3-Trichloropropane
Concen: 45.733 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004584.D
Acq: 10 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 109.478 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-7-9

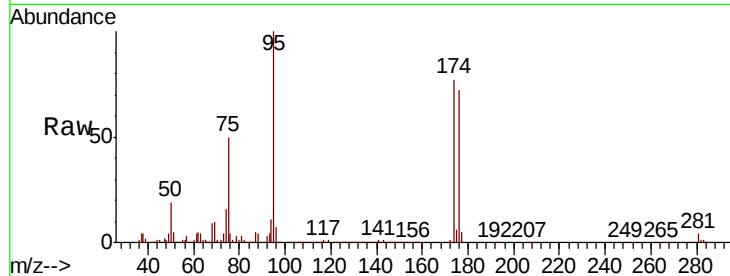
Tgt Ion: 75 Resp: 181588

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

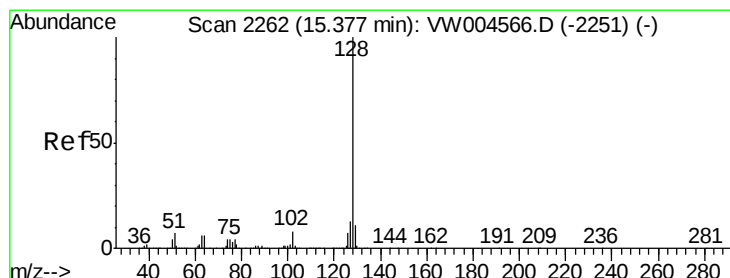
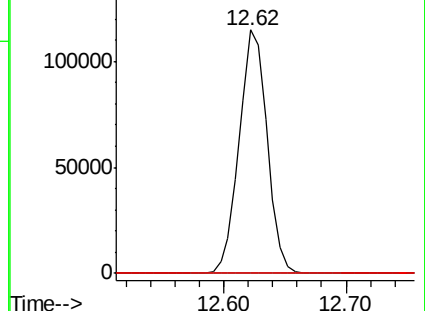
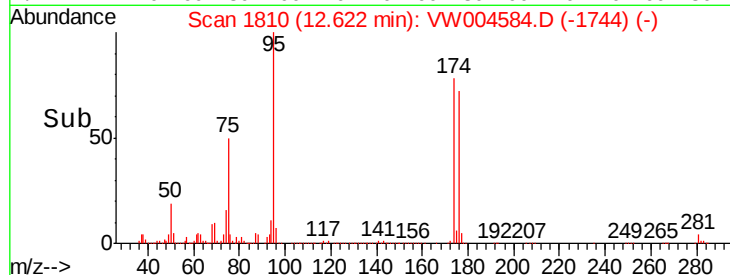
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 3.088 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

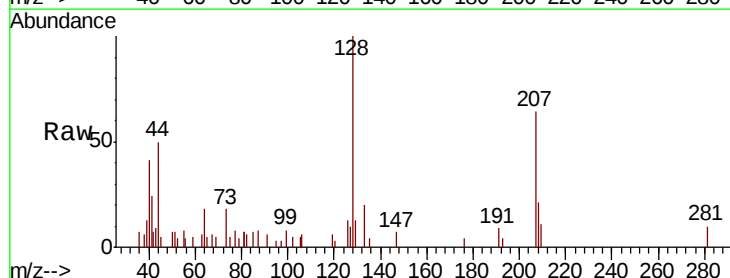
Tgt Ion: 128 Resp: 3149

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 13.8 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

