

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003186.D
 Acq On : 05 Jul 2018 21:27
 Operator : JC/MD
 Sample : J3852-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-CON

Quant Time: Jul 06 01:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	178424	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.51	113	149173	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	8.72	98	541501	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	190922	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	

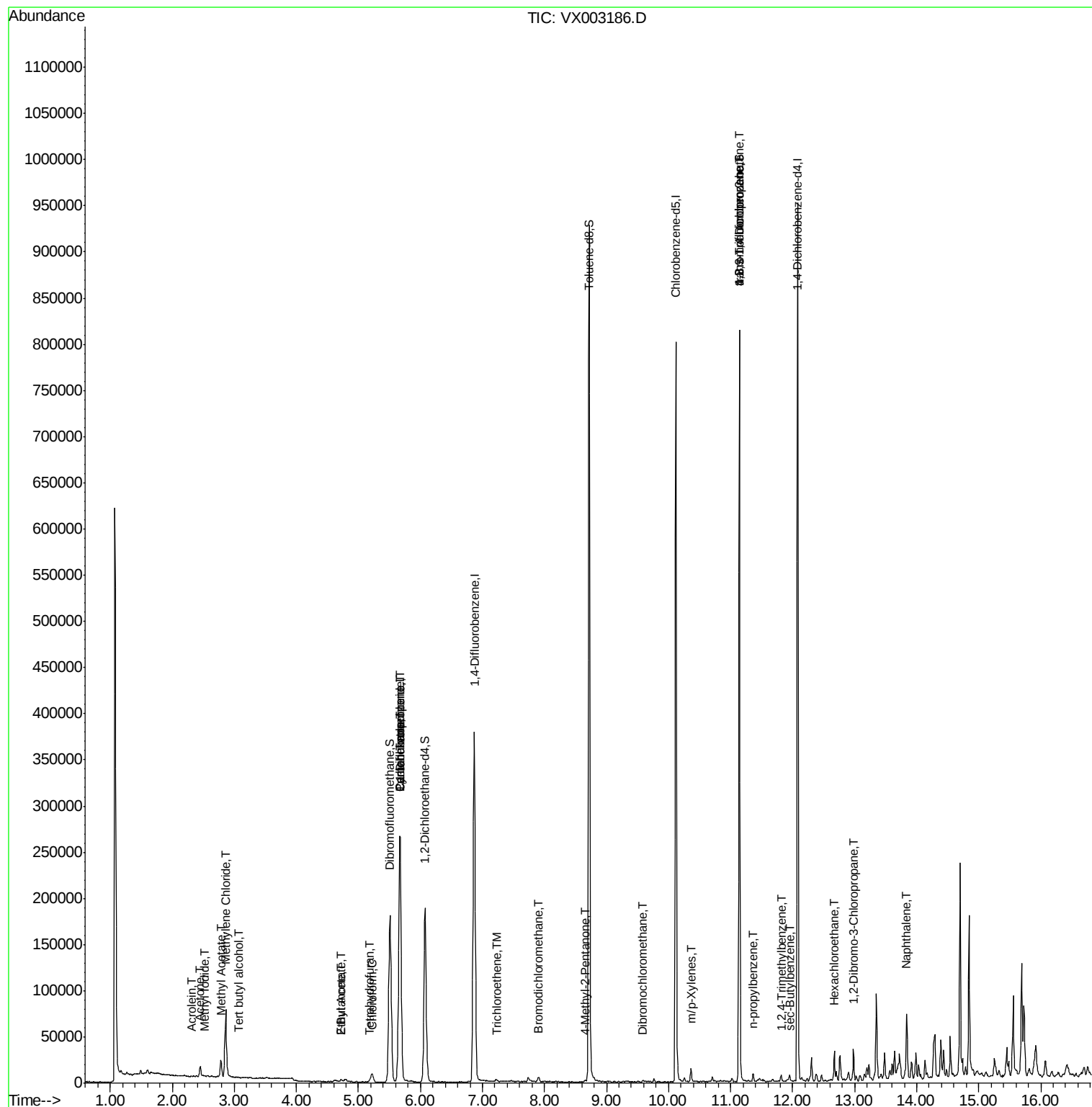
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	21	Below Cal	#	43
3) Chloromethane	1.32	50	723	Below Cal		95
5) Bromomethane	1.65	94	1172	Below Cal		87
6) Chloroethane	1.70	64	428	Below Cal	#	58
10) Methyl Iodide	2.52	142	1452	6.63	ug/l	# 83
11) Tert butyl alcohol	3.07	59	253	0.33	ug/l	# 73
13) Acrolein	2.31	56	194	4.67	ug/l	91
16) Acetone	2.45	43	11901	7.41	ug/l	# 89
18) Methyl Acetate	2.78	43	22396	4.99	ug/l	100
20) Methylene Chloride	2.86	84	33833	10.82	ug/l	94
25) 2-Butanone	4.71	43	3536	1.48	ug/l	# 67
29) Tetrahydrofuran	5.18	42	1729	1.13	ug/l	# 68
30) Chloroform	5.22	83	9344	1.61	ug/l	94
31) Cyclohexane	5.67	56	4815	0.99	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	17885	4.19	ug/l	# 51
37) Ethyl Acetate	4.71	43	3536	0.77	ug/l	# 71
38) Carbon Tetrachloride	5.67	117	24817	5.30	ug/l	# 15
44) Trichloroethene	7.22	130	844	0.23	ug/l	95
47) Bromodichloromethane	7.90	83	2618	0.62	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1140	0.24	ug/l	91
60) Dibromochloromethane	9.59	129	738	0.21	ug/l	93
68) m/p-Xylenes	10.36	106	3628	0.62	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	96444	25.71	ug/l	# 33
78) n-propylbenzene	11.36	91	4857	0.31	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	96444	72.93	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	2442	0.20	ug/l	88
85) sec-Butylbenzene	11.95	105	3343	0.24	ug/l	99
90) Hexachloroethane	12.67	117	1682	0.90	ug/l	# 1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	312	0.32	ug/l	# 1
95) Naphthalene	13.83	128	44168	3.12	ug/l	# 95

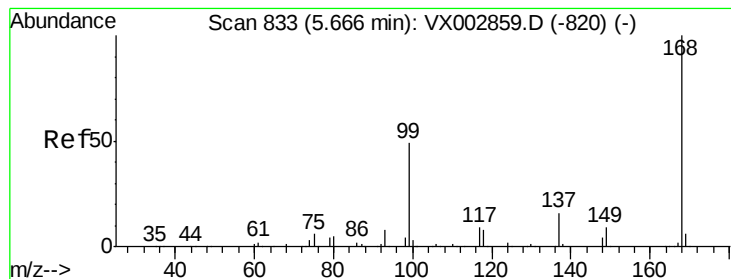
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

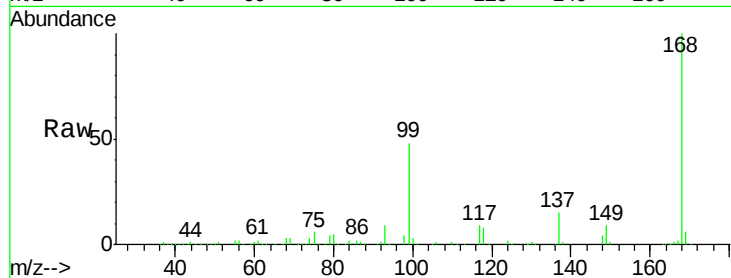
HC-CON

Tot Ion:168 Resp: 280618

Ion Ratio Lower Upper

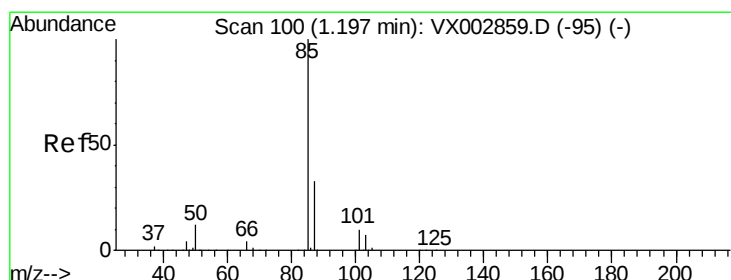
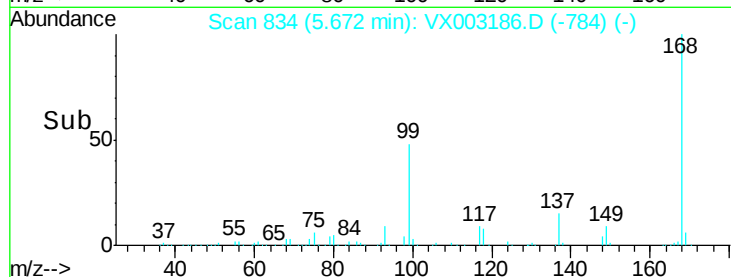
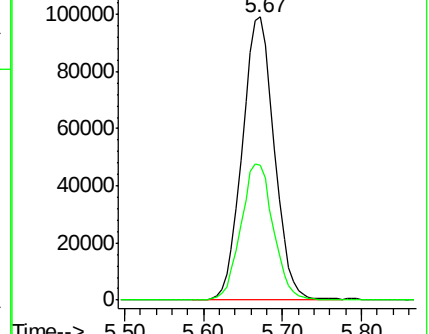
168 100

99 47.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.36 min Scan# 127

Delta R.T. 0.17 min

Lab File: VX003186.D

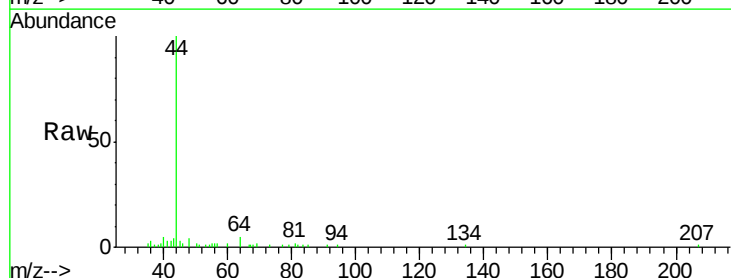
Acq: 05 Jul 2018 21:27

Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

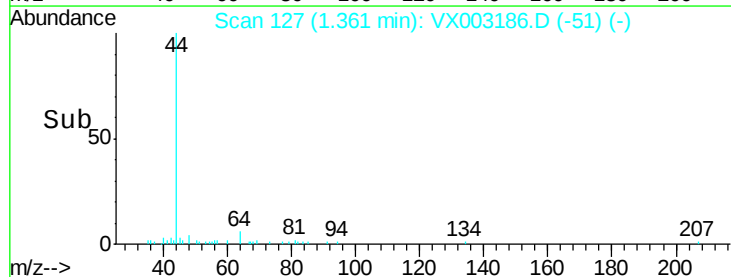
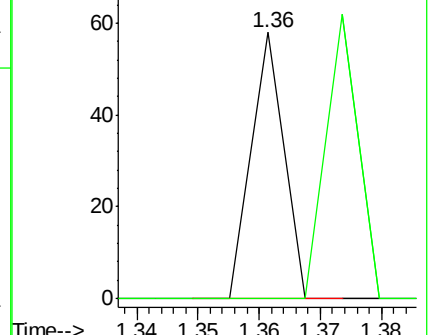
85 100

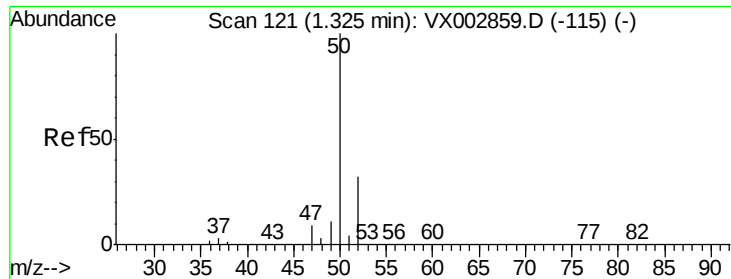
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

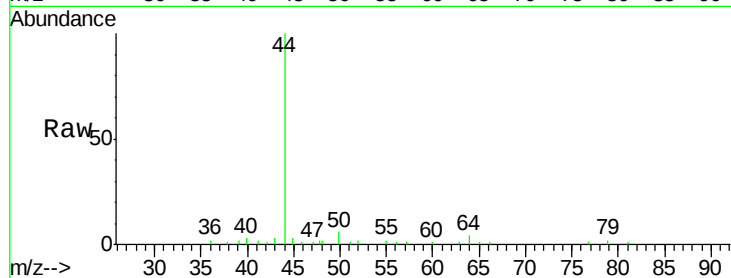
HC-CON

Tot Ion: 50 Resp: 723

Ion Ratio Lower Upper

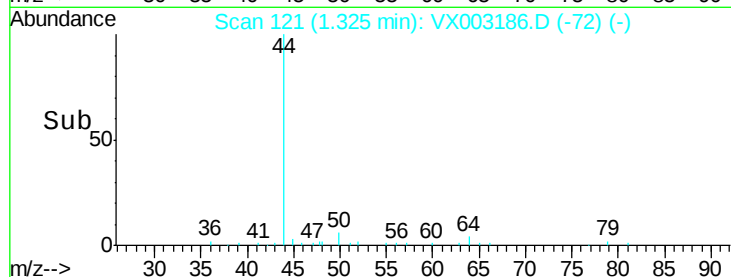
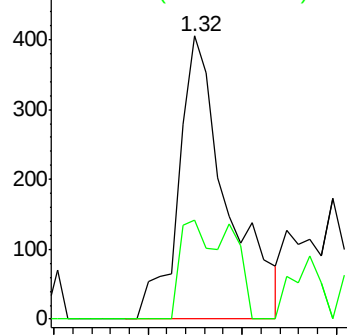
50 100

52 35.1 25.7 38.5

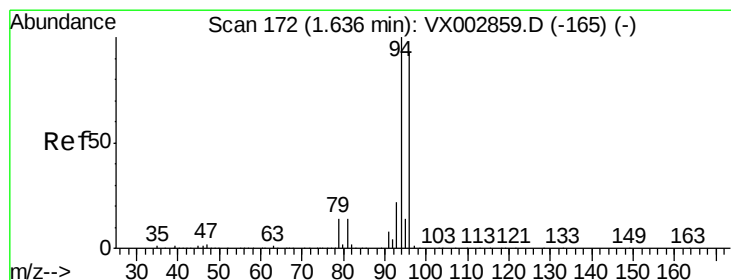


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003186.D

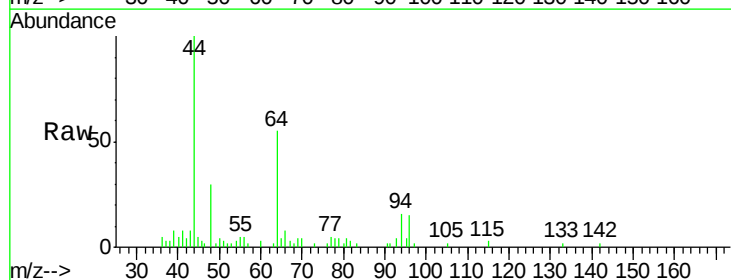
Acq: 05 Jul 2018 21:27

Tgt Ion: 94 Resp: 1172

Ion Ratio Lower Upper

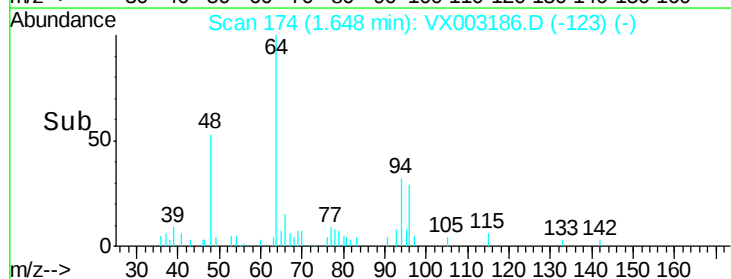
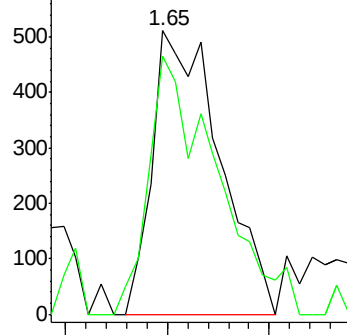
94 100

96 81.2 74.9 112.3

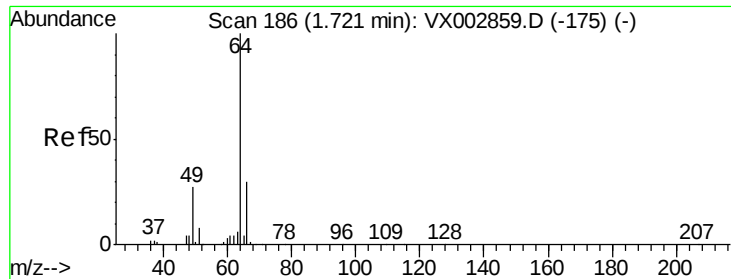


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

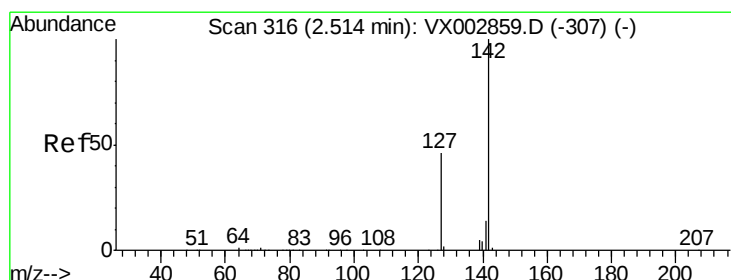
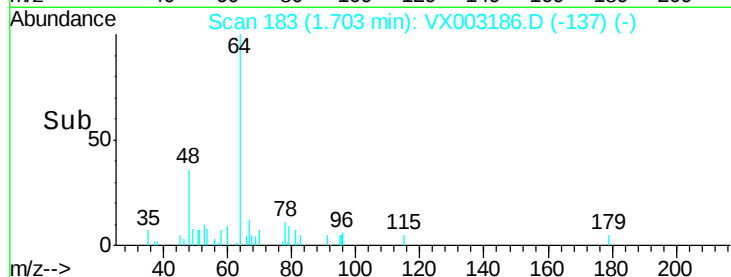
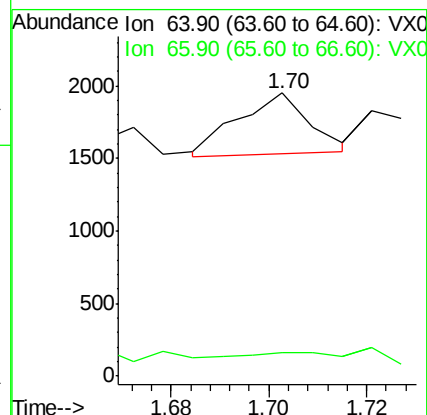
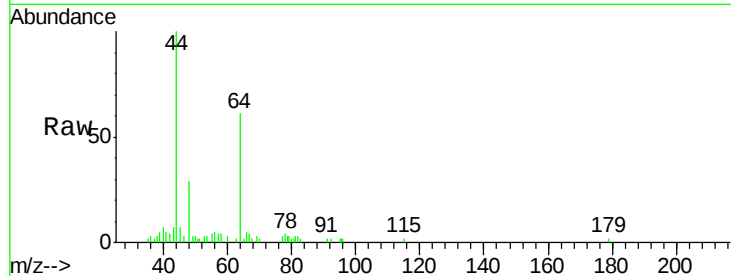
HC-CON

Tot Ion: 64 Resp: 428

Ion Ratio Lower Upper

64 100

66 8.3 25.5 38.3#



#10

Methyl Iodide

Concen: 6.63 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

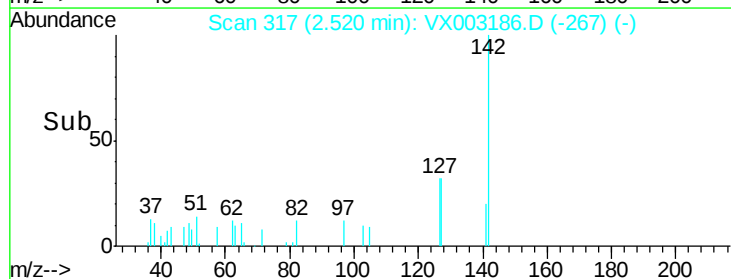
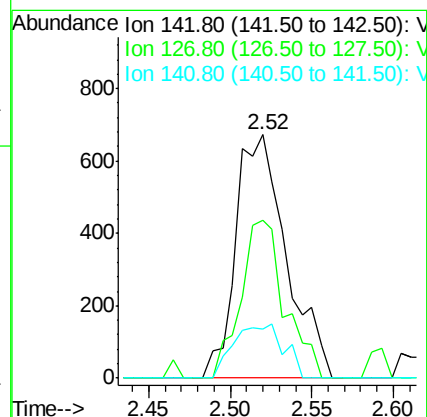
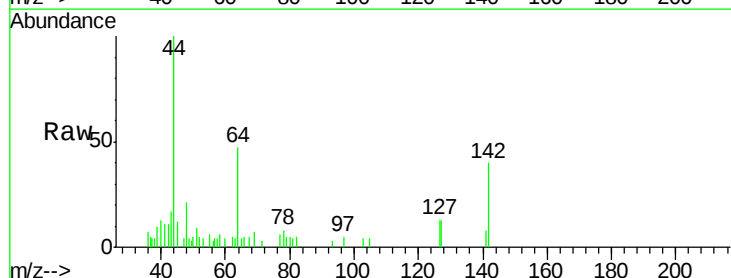
Tgt Ion:142 Resp: 1452

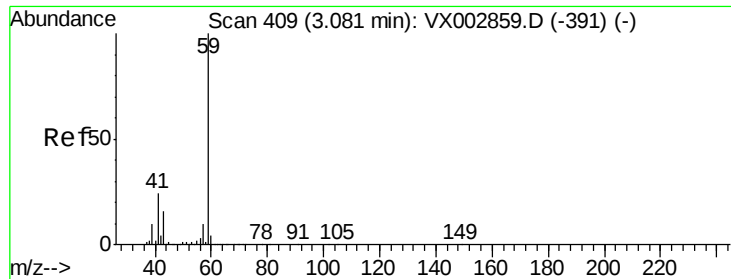
Ion Ratio Lower Upper

142 100

127 56.7 36.6 55.0#

141 21.8 11.3 16.9#



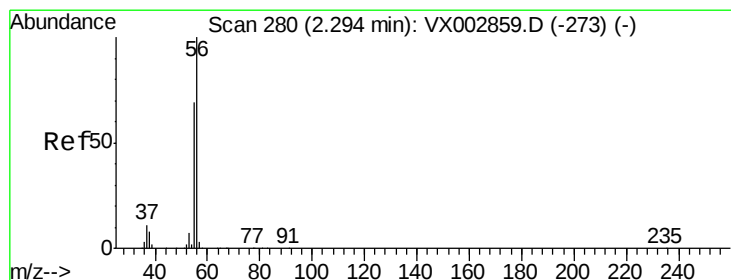
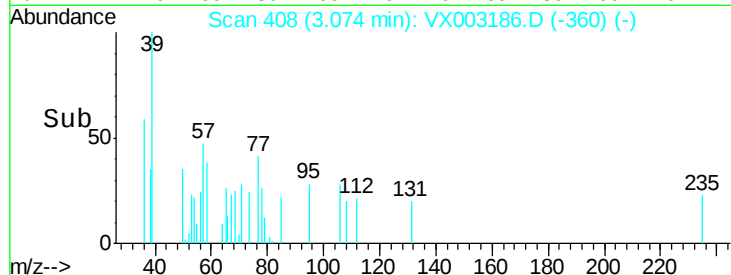
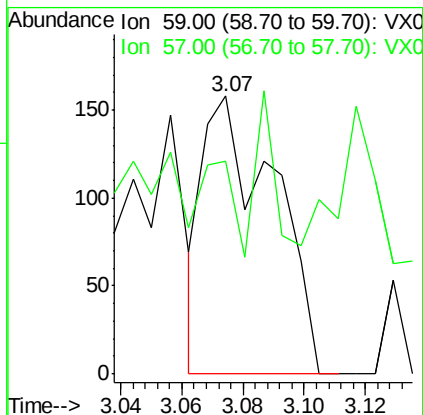
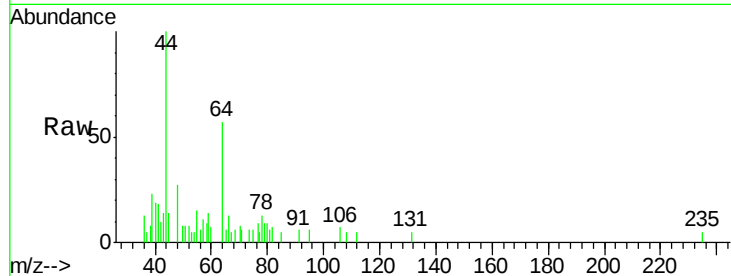


#11

Tert butvl alcohol
Concen: 0.33 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

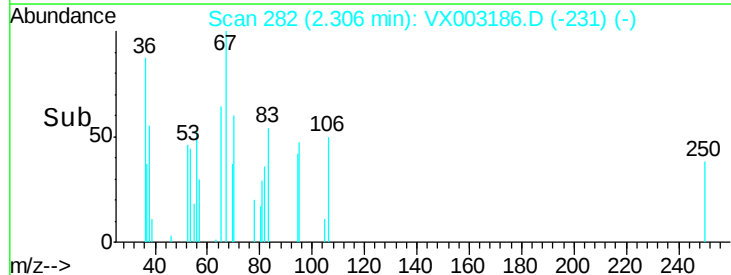
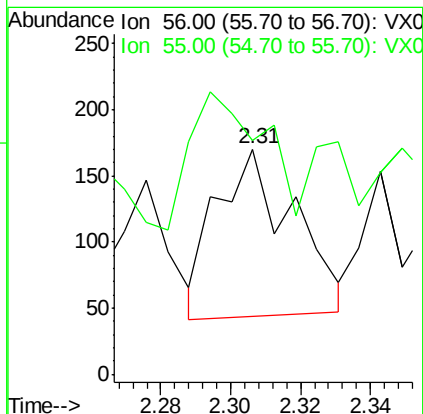
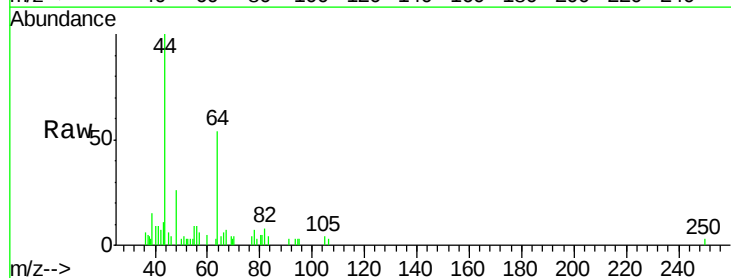
Tot Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

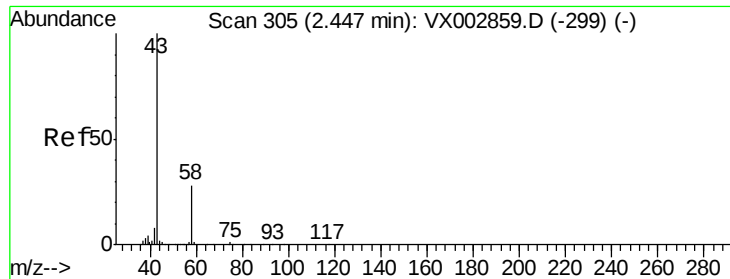


#13

Acrolein
Concen: 4.67 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 78.9 57.0 85.4





#16

Acetone

Concen: 7.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

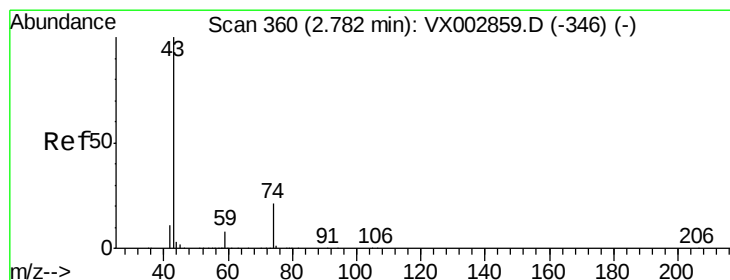
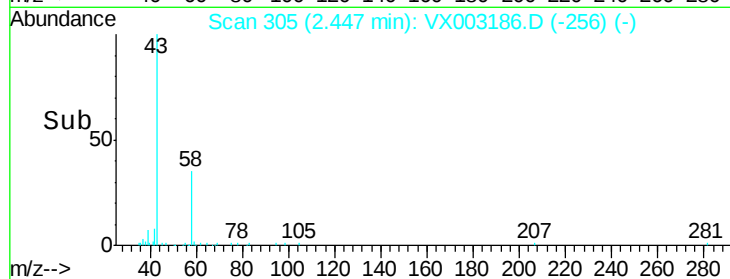
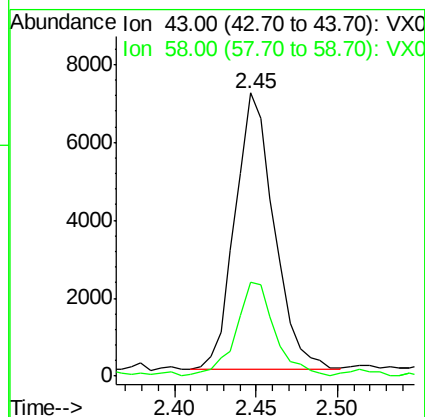
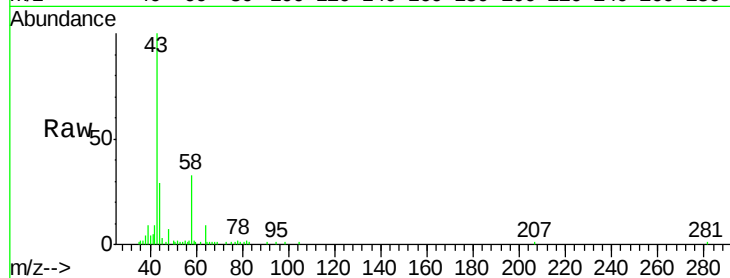
HC-CON

Tot Ion: 43 Resp: 11901

Ion Ratio Lower Upper

43 100

58 33.4 22.1 33.1#



#18

Methyl Acetate

Concen: 4.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003186.D

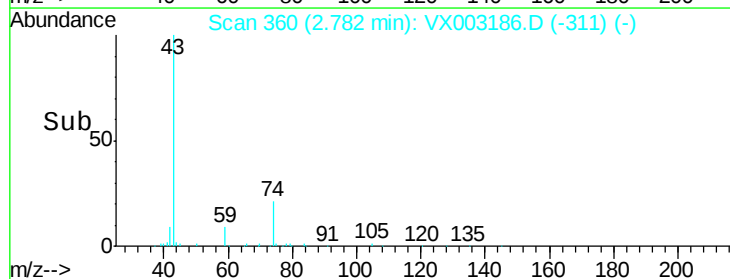
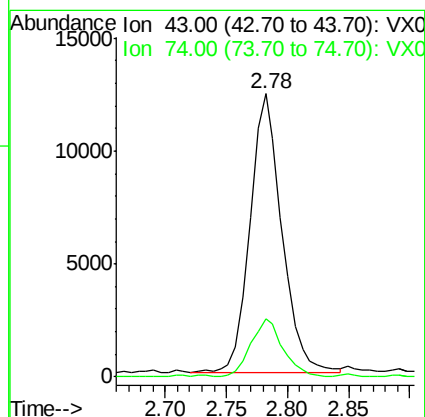
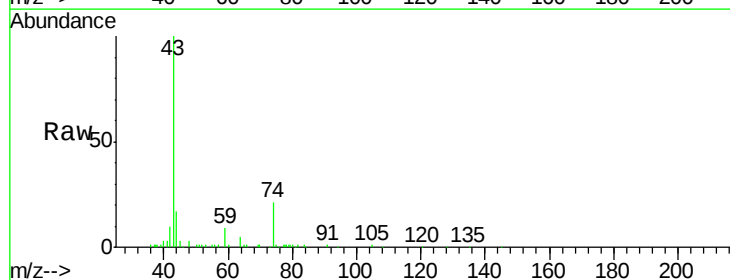
Acq: 05 Jul 2018 21:27

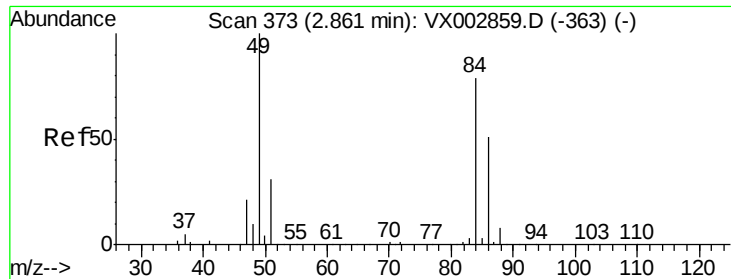
Tgt Ion: 43 Resp: 22396

Ion Ratio Lower Upper

43 100

74 21.1 16.7 25.1

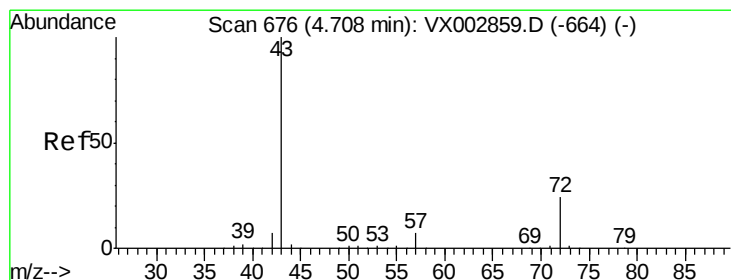
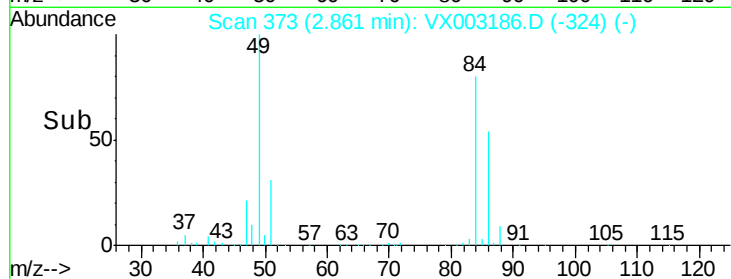
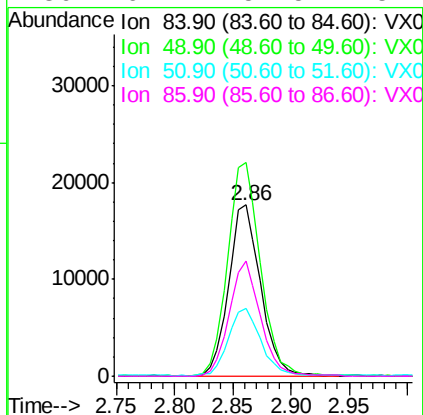
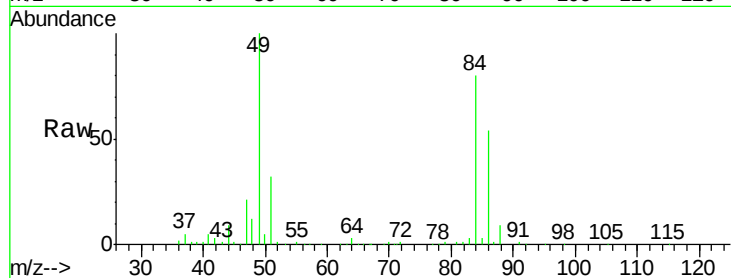




#20
Methvlene Chloride
Concen: 10.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

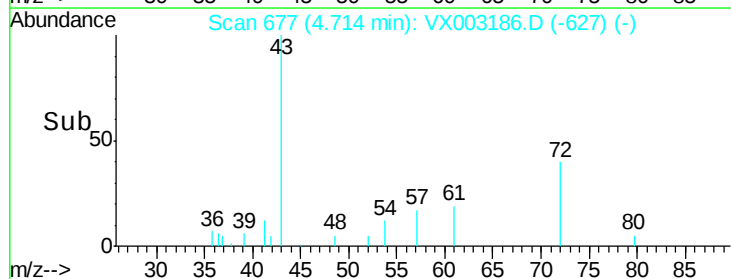
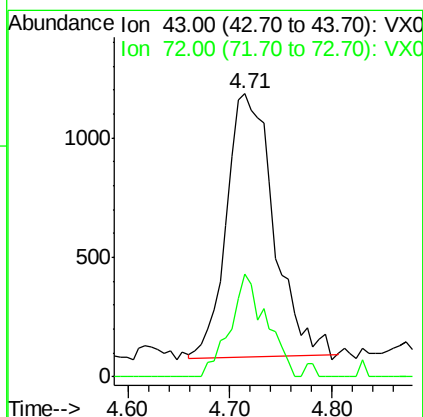
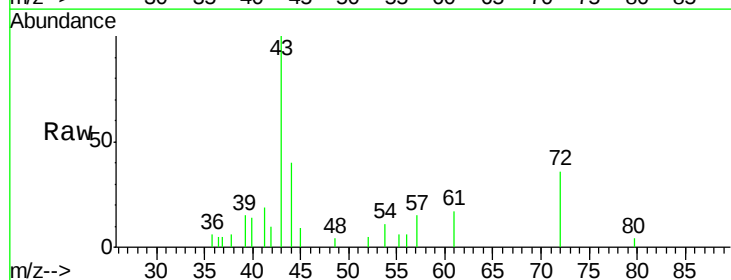
Instrument :
MSVOA_X
ClientSampleId :
HC-CON

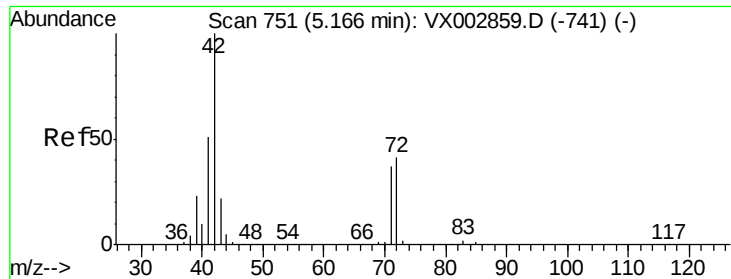
Tot Ion: 84 Resp: 33833
Ion Ratio Lower Upper
84 100
49 124.4 107.8 161.6
51 39.6 32.8 49.2
86 67.2 52.5 78.7



#25
2-Butanone
Concen: 1.48 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 43 Resp: 3536
Ion Ratio Lower Upper
43 100
72 39.2 18.5 27.7#

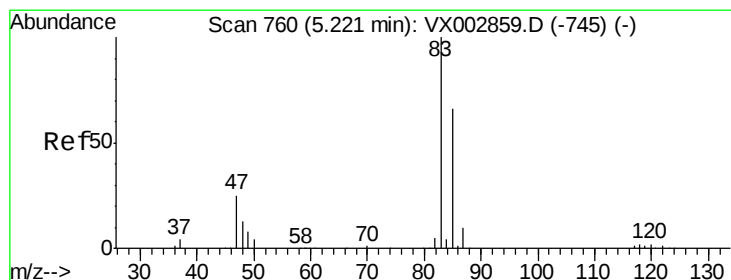
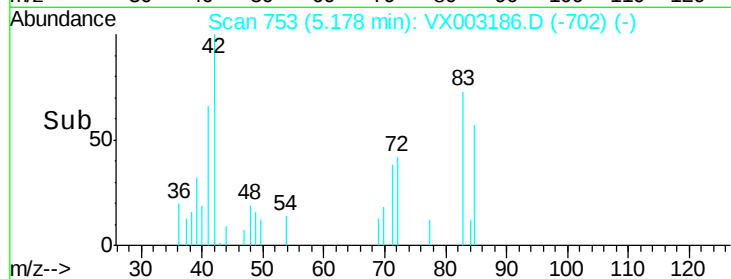
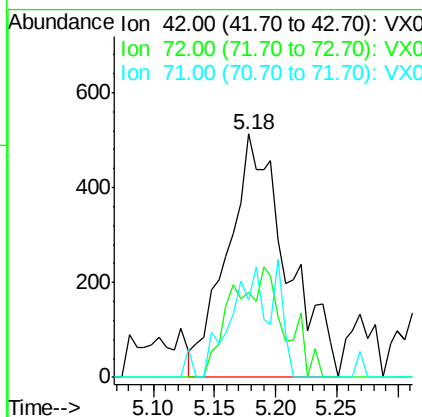
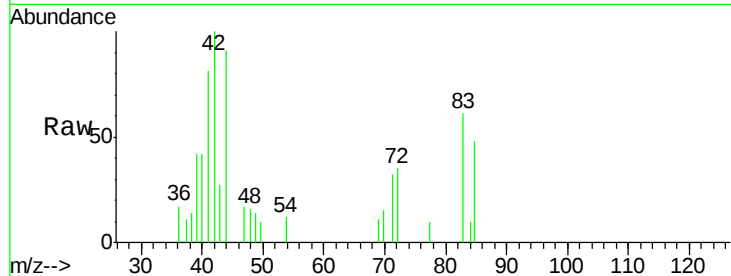




#29
Tetrahydrofuran
Concen: 1.13 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

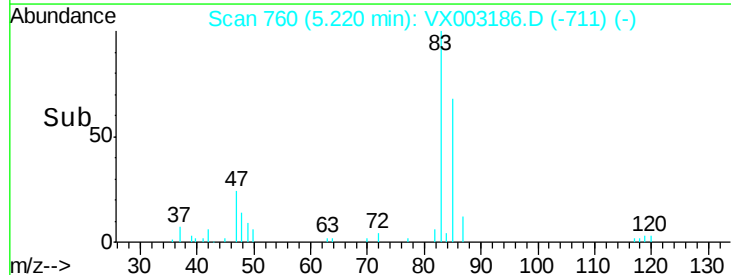
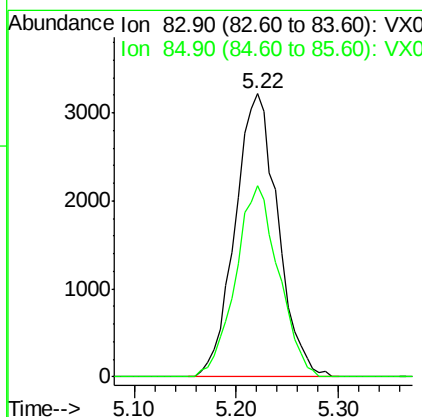
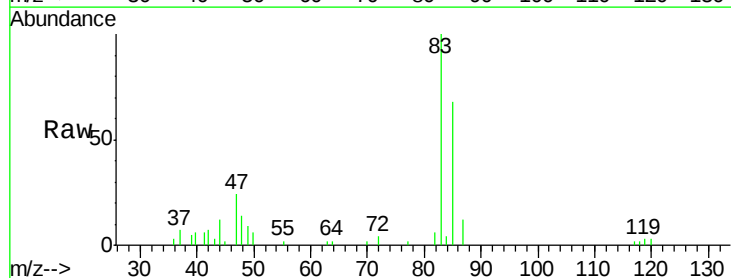
Instrument :
MSVOA_X
ClientSampled :
HC-CON

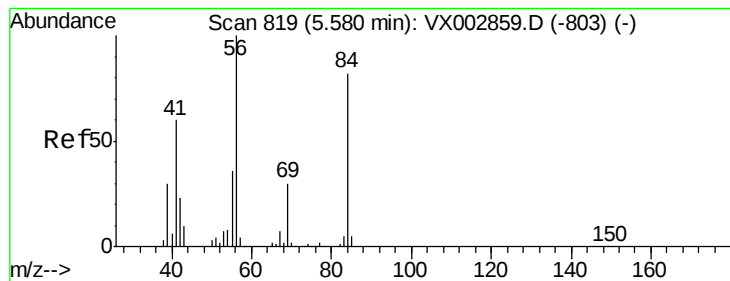
Tot Ion: 42 Resp: 1729
Ion Ratio Lower Upper
42 100
72 13.5 32.0 48.0#
71 25.9 30.1 45.1#



#30
Chloroform
Concen: 1.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 83 Resp: 9344
Ion Ratio Lower Upper
83 100
85 67.7 50.4 75.6





#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

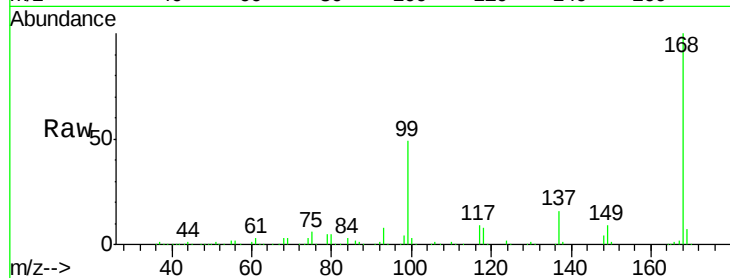
Tot Ion: 56 Resp: 4815

Ion Ratio Lower Upper

56 100

69 173.3 23.7 35.5#

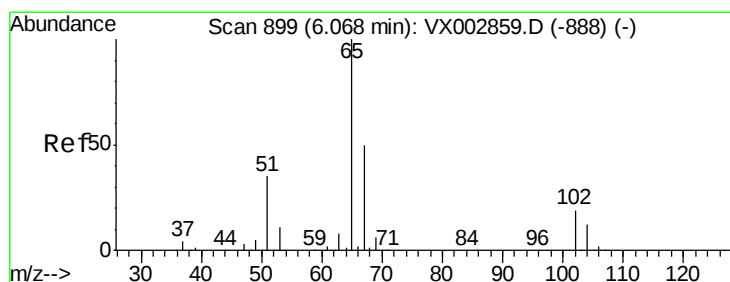
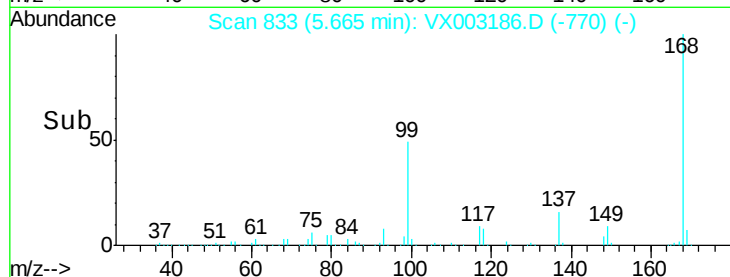
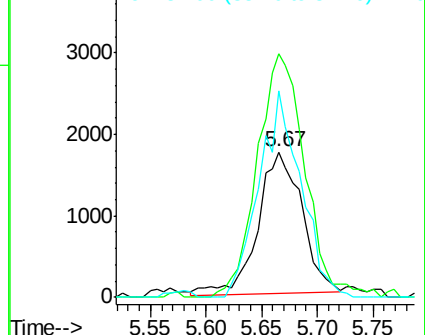
84 142.8 64.1 96.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003186.D

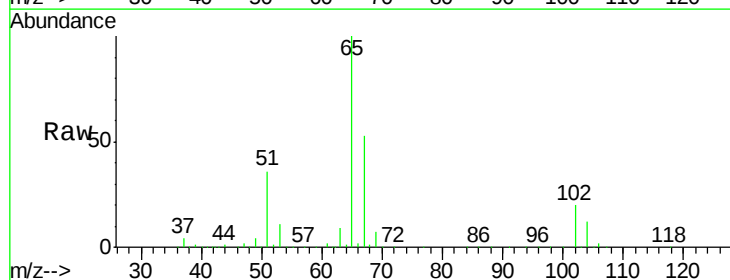
Acq: 05 Jul 2018 21:27

Tgt Ion: 65 Resp: 178424

Ion Ratio Lower Upper

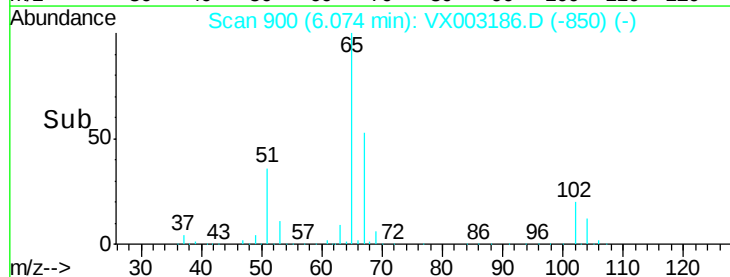
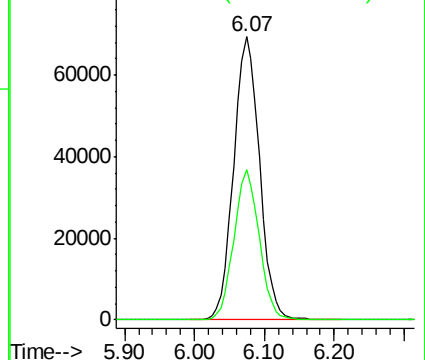
65 100

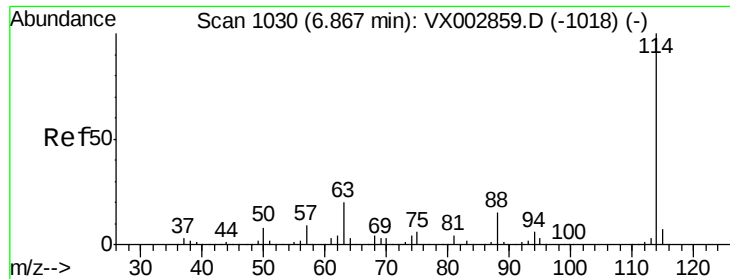
67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

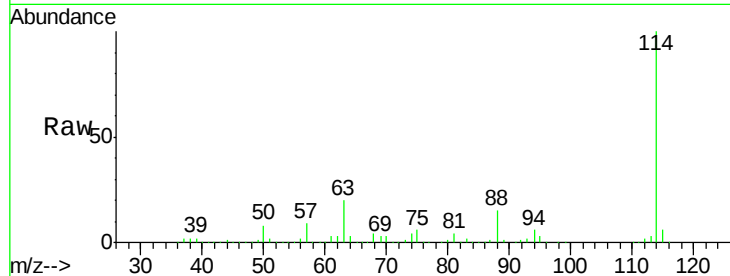




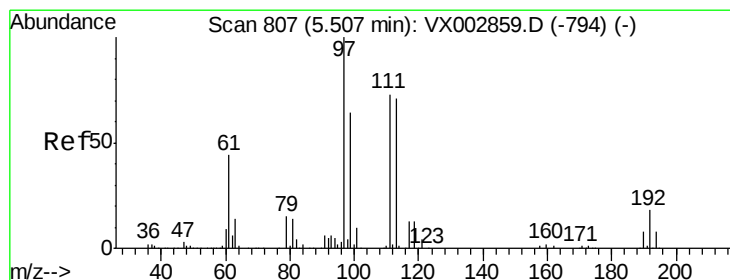
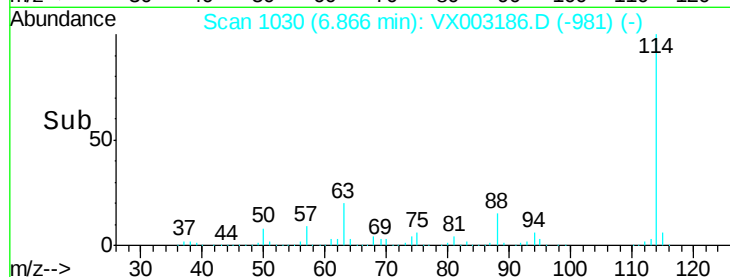
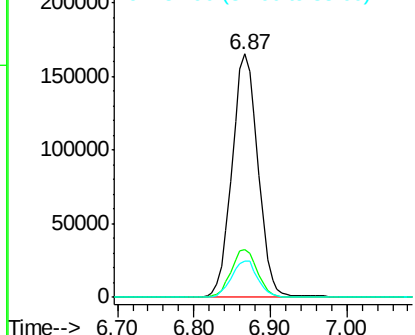
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003186.D
 Acq: 05 Jul 2018 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-CON

Tot Ion:114 Resp: 389019
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.9 0.0 30.0

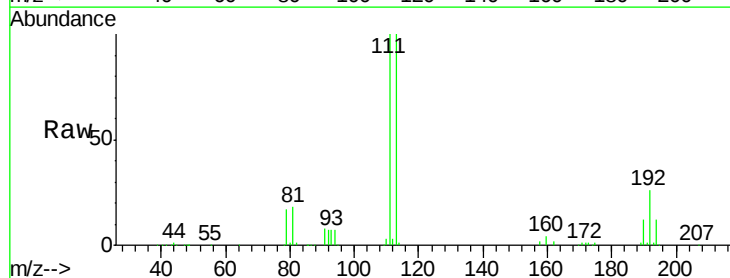


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

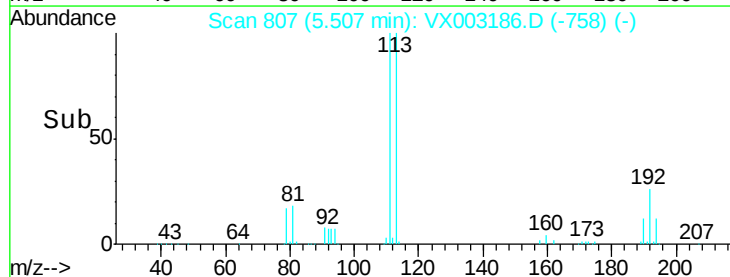
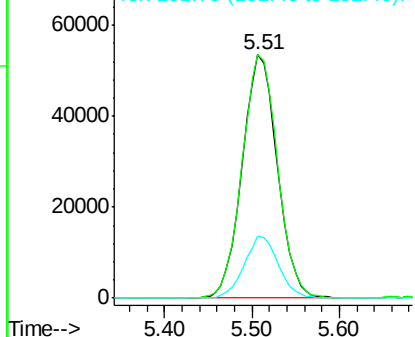


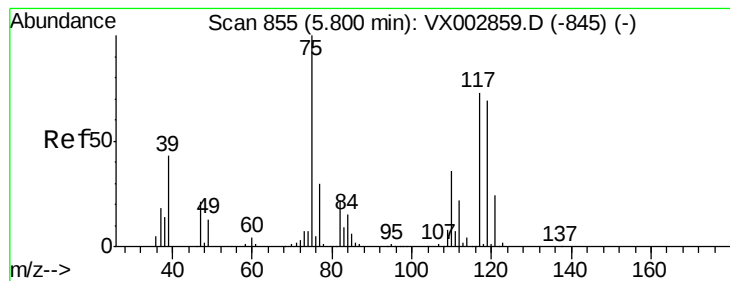
#35
 Dibromofluoromethane
 Concen: 48.42 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003186.D
 Acq: 05 Jul 2018 21:27

Tgt Ion:113 Resp: 149173
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.19 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

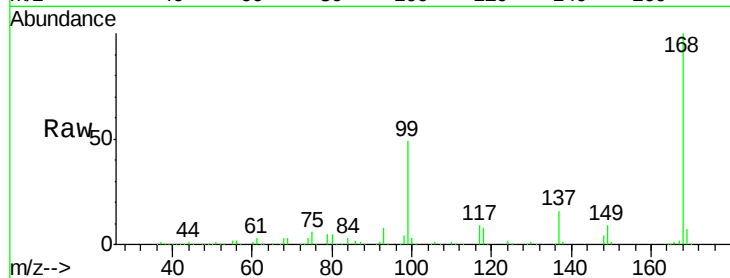
Tot Ion: 75 Resp: 17885

Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

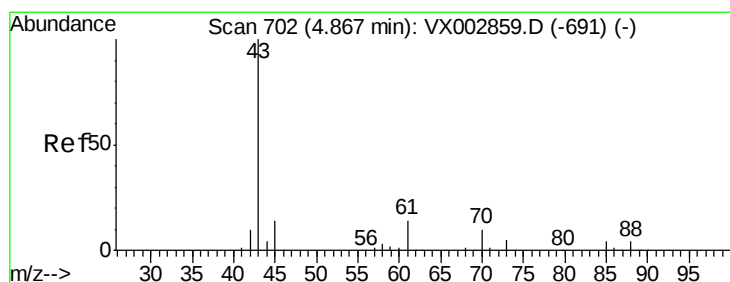
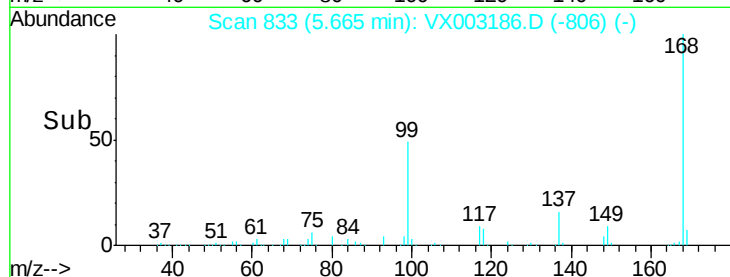
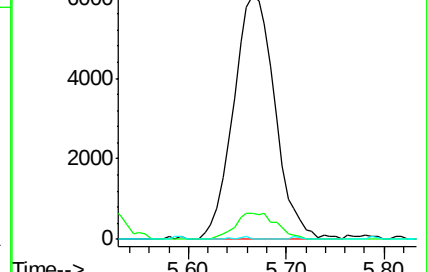
77 0.4 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.77 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.15 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

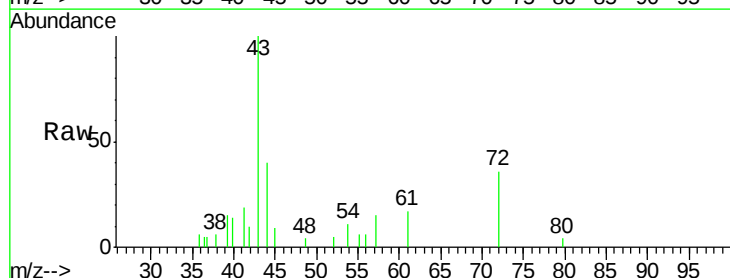
Tgt Ion: 43 Resp: 3536

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

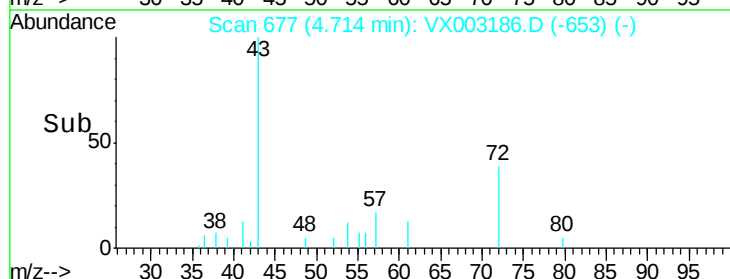
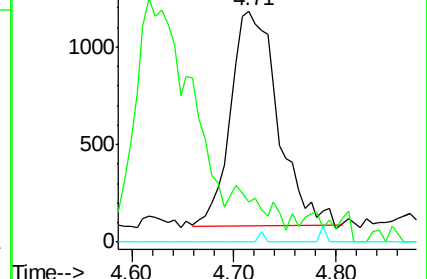
70 0.6 7.6 11.4#

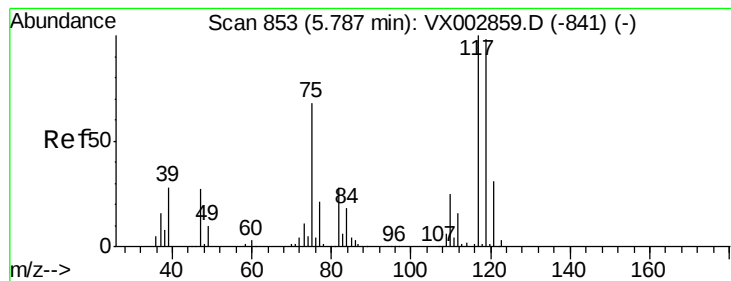


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.30 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

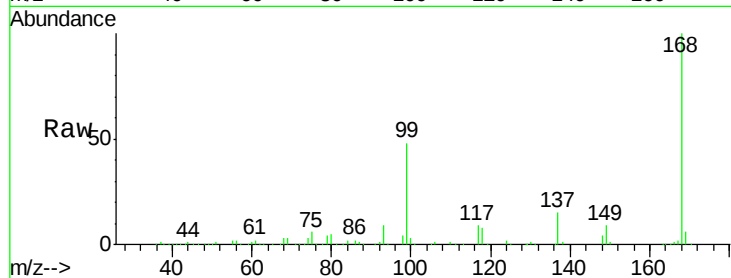
Tot Ion:117 Resp: 24817

Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.0#

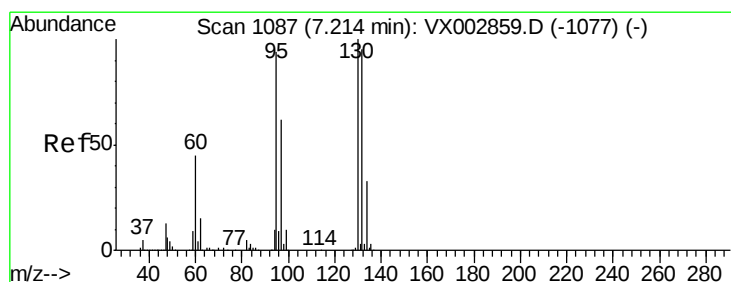
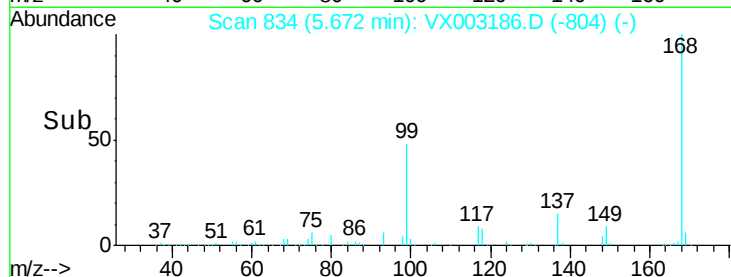
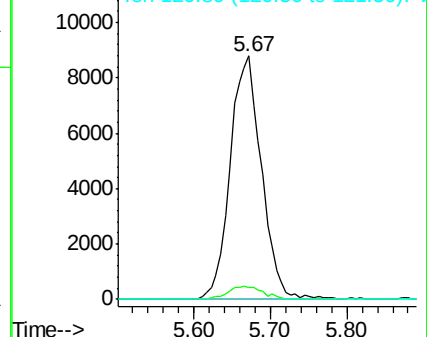
121 0.0 24.4 36.6#



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



#44

Trichloroethene

Concen: 0.23 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003186.D

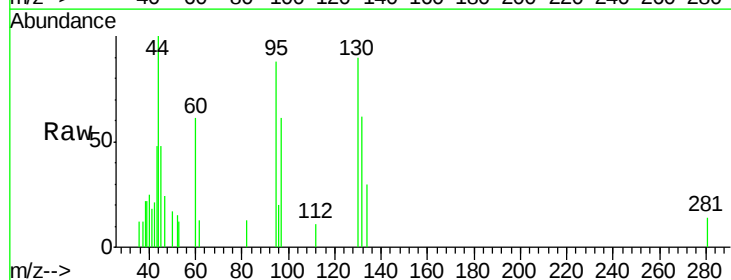
Acq: 05 Jul 2018 21:27

Tgt Ion:130 Resp: 844

Ion Ratio Lower Upper

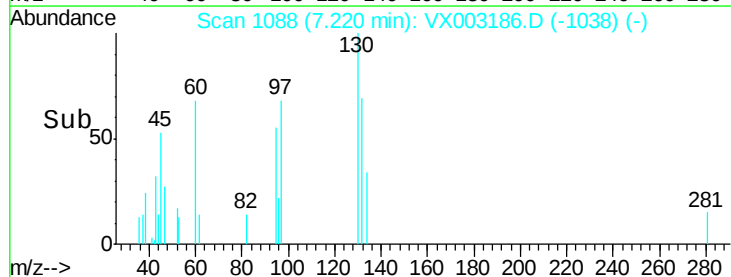
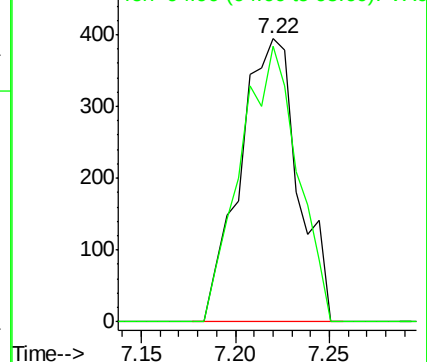
130 100

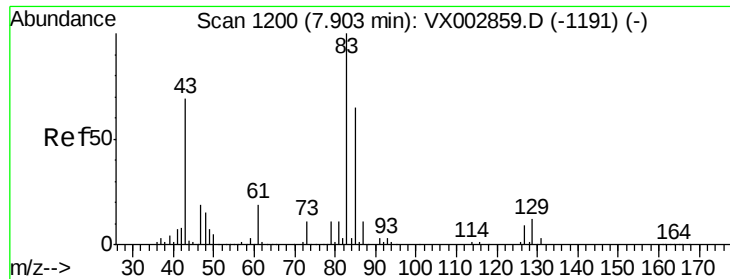
95 97.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.62 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

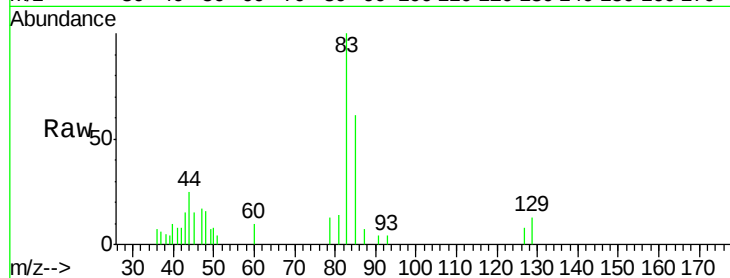
Tot Ion: 83 Resp: 2618

Ion Ratio Lower Upper

83 100

85 60.5 50.3 75.5

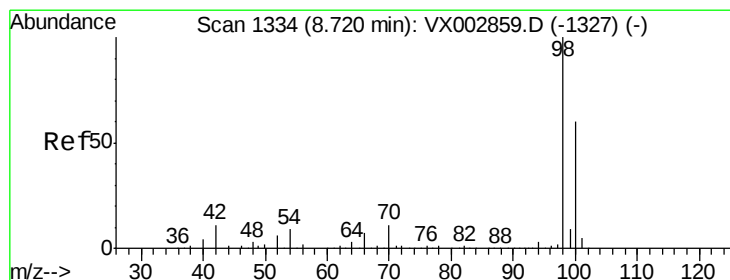
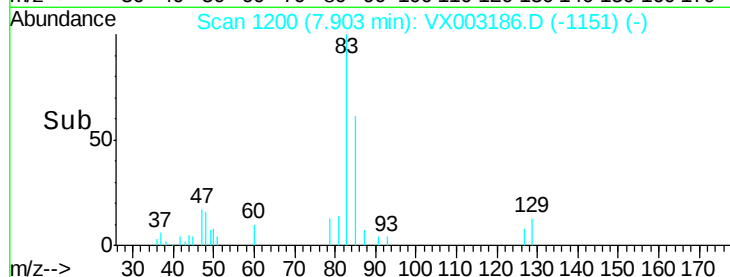
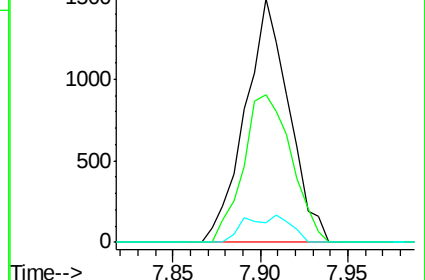
127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 48.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003186.D

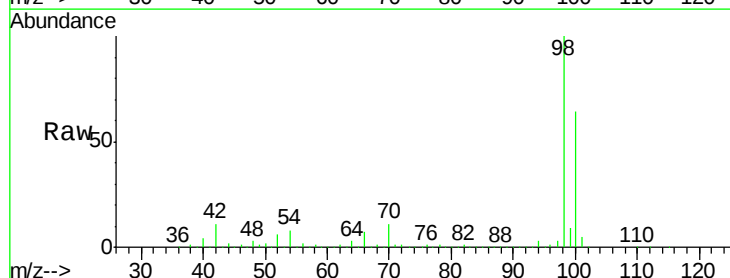
Acq: 05 Jul 2018 21:27

Tgt Ion: 98 Resp: 541501

Ion Ratio Lower Upper

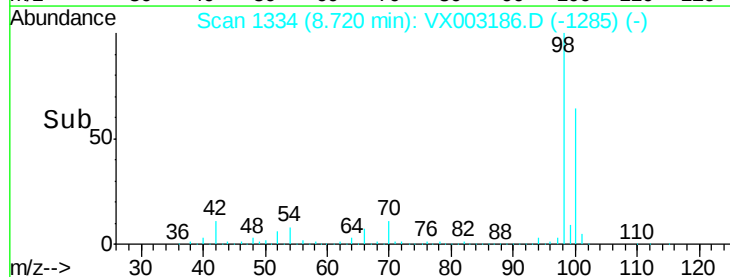
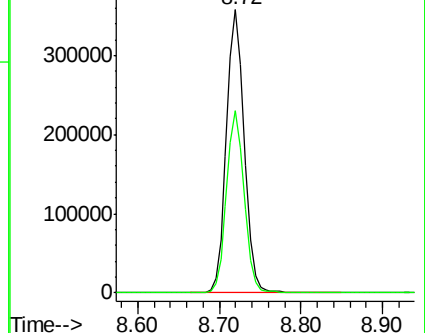
98 100

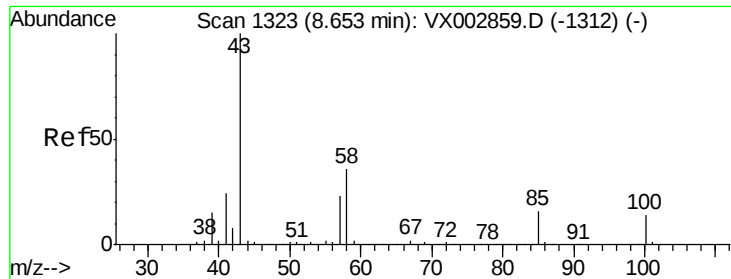
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampled :

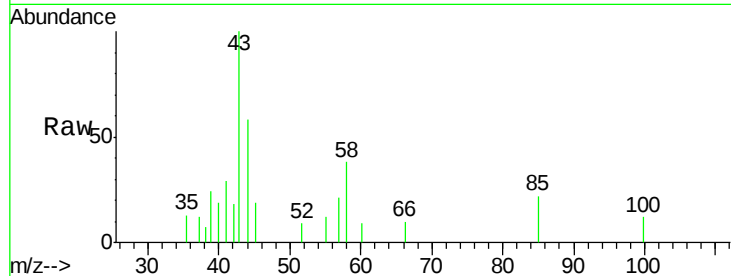
HC-CON

Tot Ion: 43 Resp: 1140

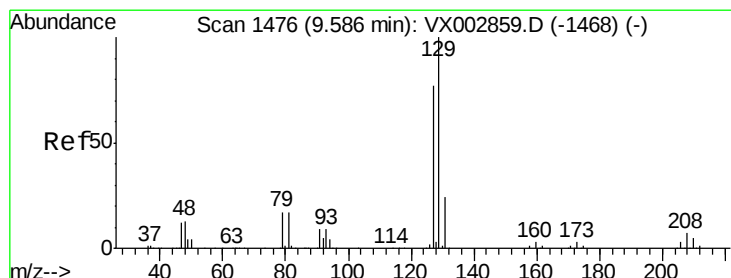
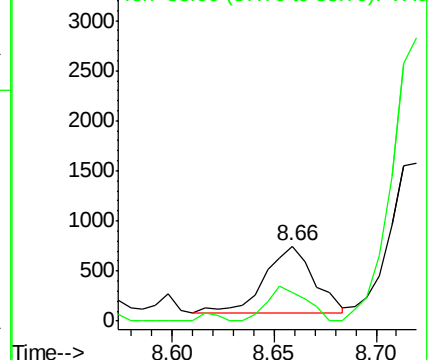
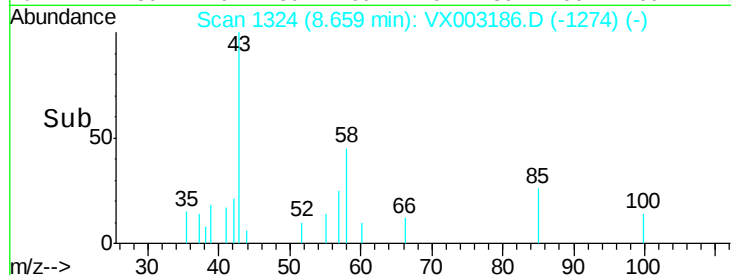
Ion Ratio Lower Upper

43 100

58 41.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX003186.D (-1274) (-)



#60

Dibromochloromethane

Concen: 0.21 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003186.D

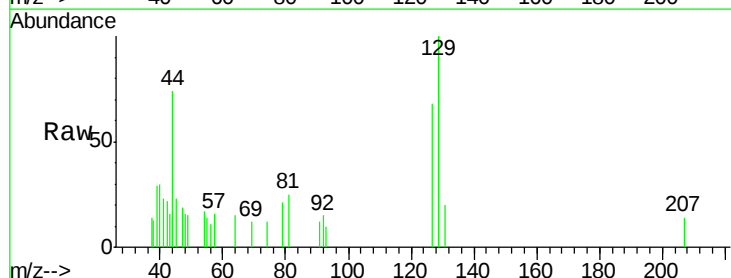
Acq: 05 Jul 2018 21:27

Tgt Ion: 129 Resp: 738

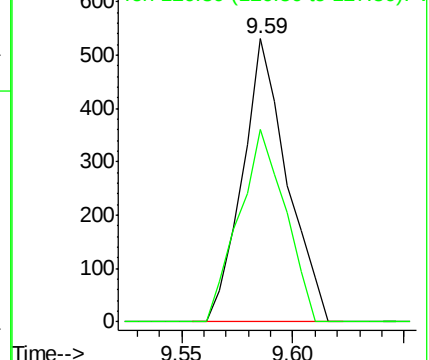
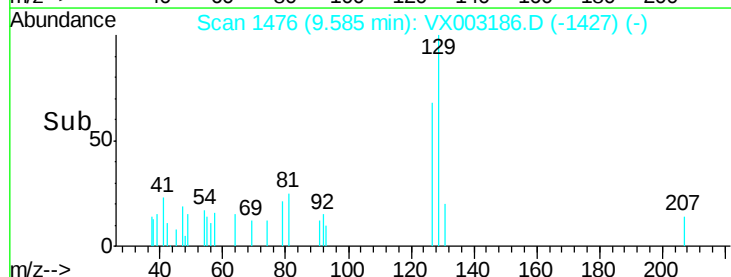
Ion Ratio Lower Upper

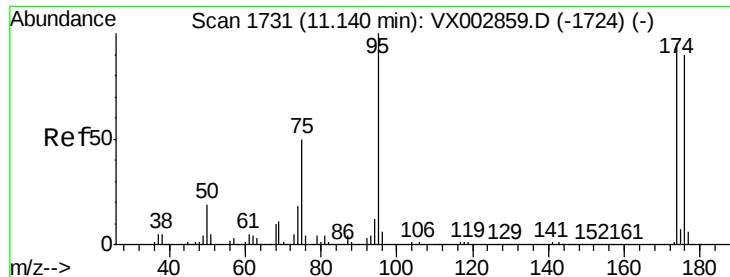
129 100

127 70.6 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VX003186.D (-1427) (-)





#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

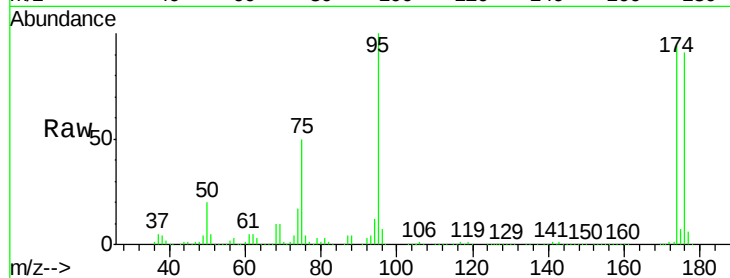
Tot Ion: 95 Resp: 190922

Ion Ratio Lower Upper

95 100

174 99.9 0.0 187.4

176 97.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

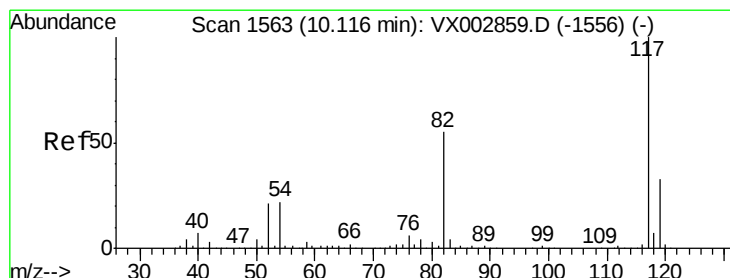
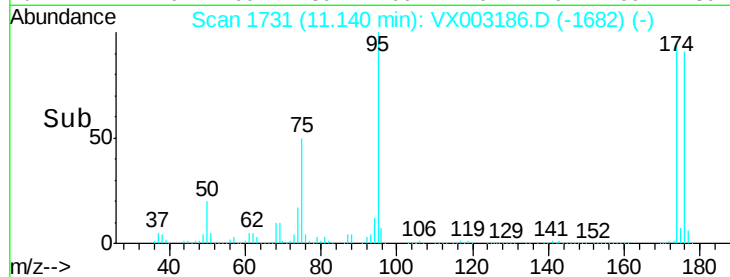
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

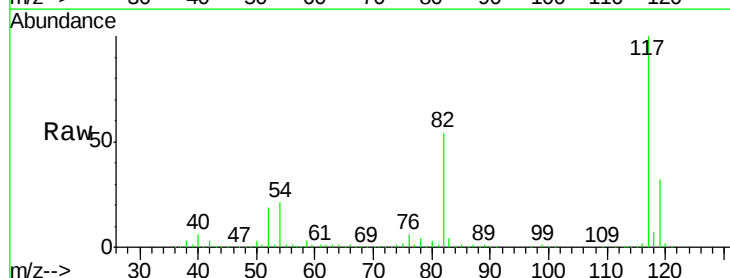
Tgt Ion: 117 Resp: 359598

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

300000

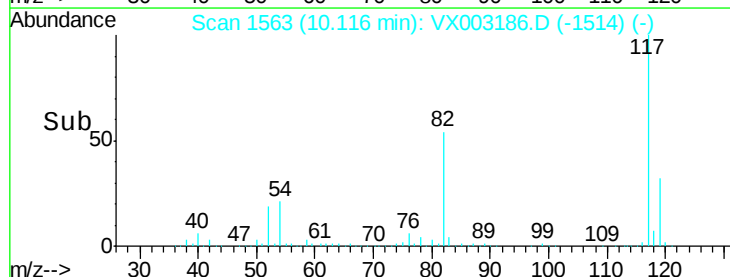
200000

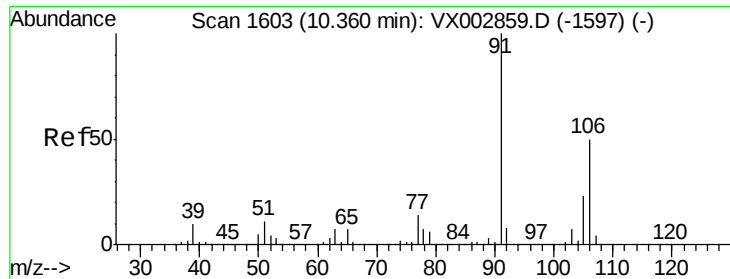
100000

0

10.10 10.20

Time-->

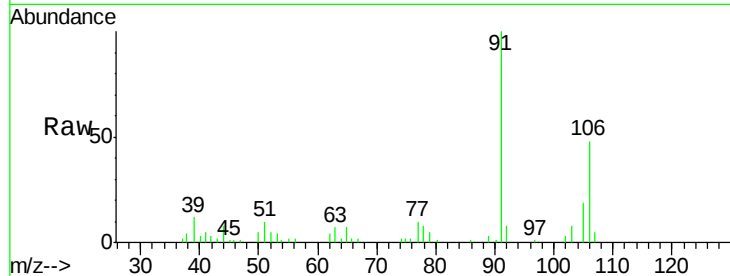




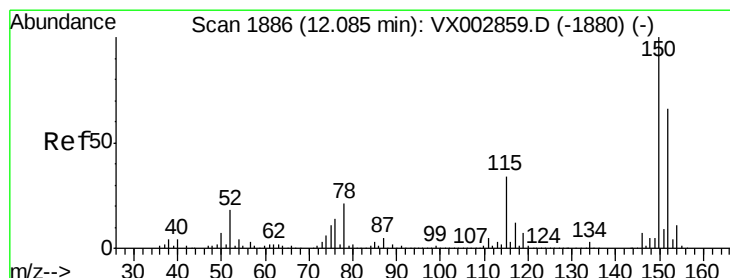
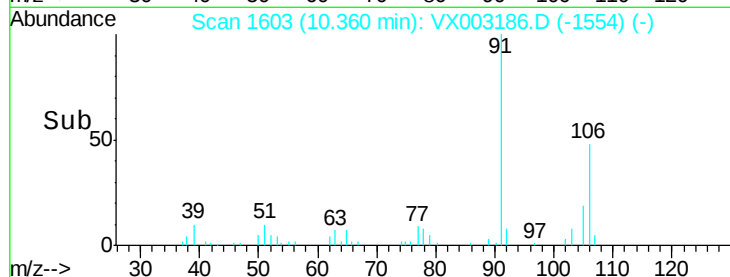
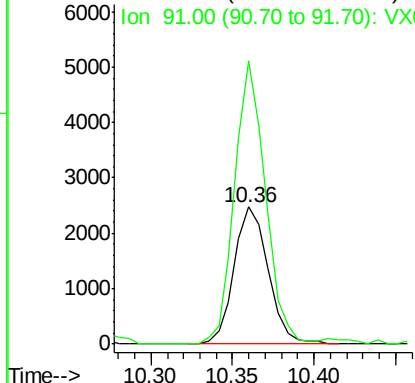
#68
m/p-Xvlenes
Concen: 0.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tot Ion:106 Resp: 3628
Ion Ratio Lower Upper
106 100
91 185.2 163.4 245.2

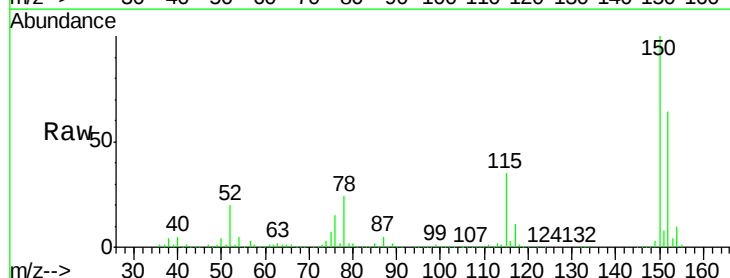


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

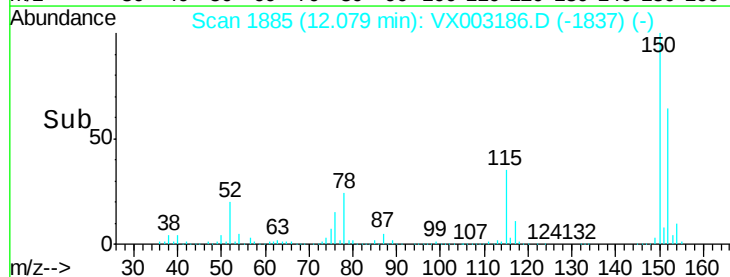
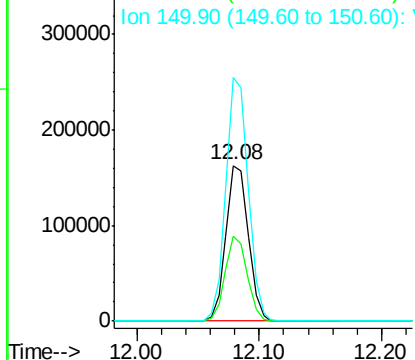


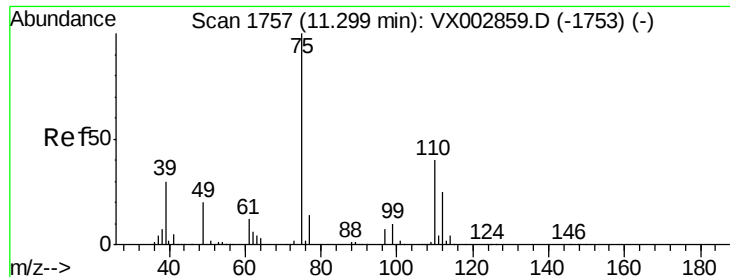
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:152 Resp: 207125
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 155.3 0.0 347.2



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: 25.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampled :

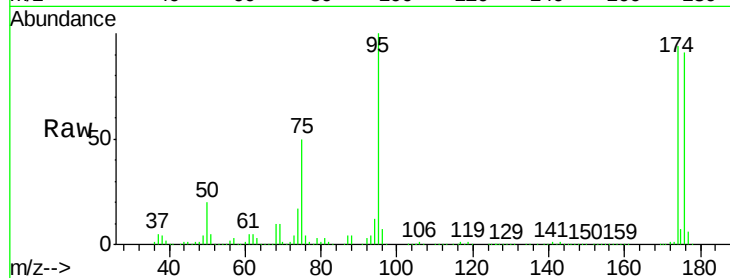
HC-CON

Tot Ion: 75 Resp: 96444

Ion Ratio Lower Upper

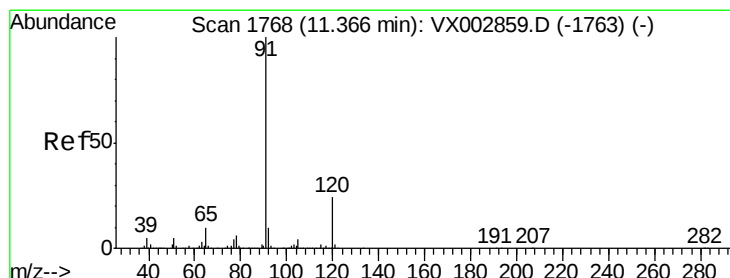
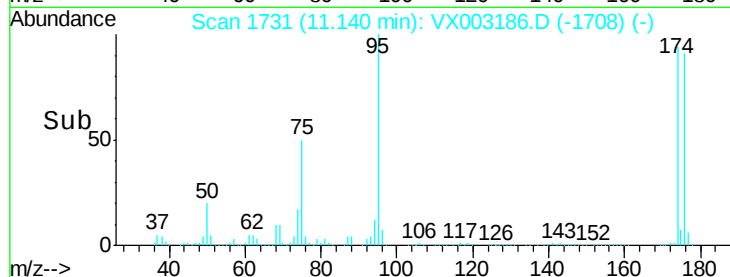
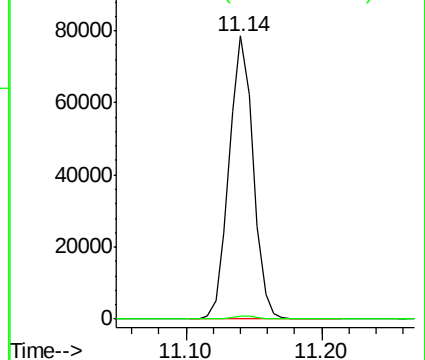
75 100

77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.31 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003186.D

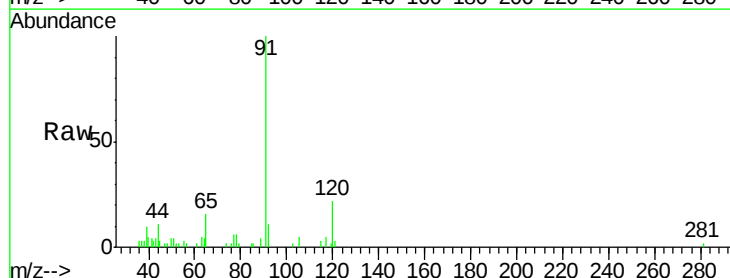
Acq: 05 Jul 2018 21:27

Tgt Ion: 91 Resp: 4857

Ion Ratio Lower Upper

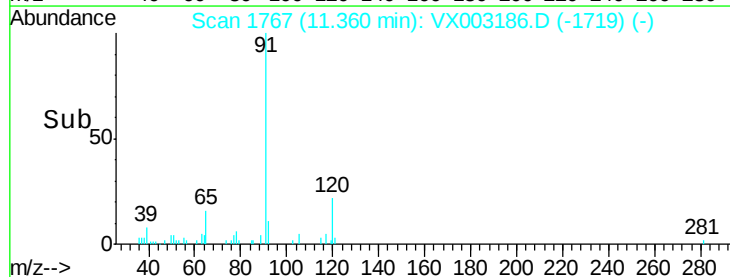
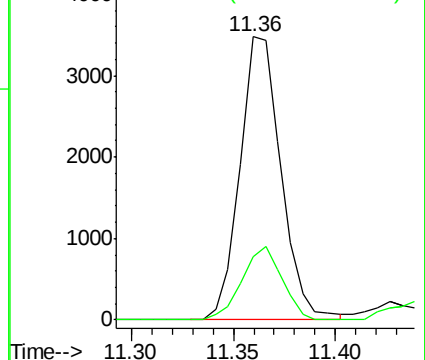
91 100

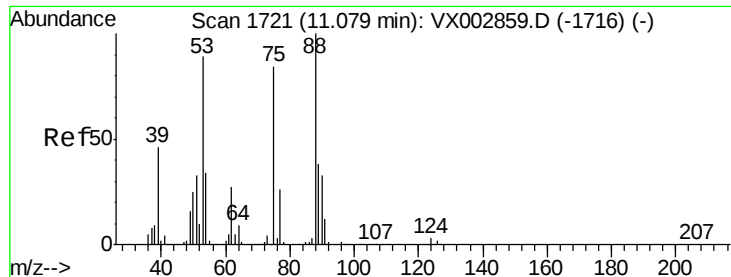
120 25.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampled :

HC-CON

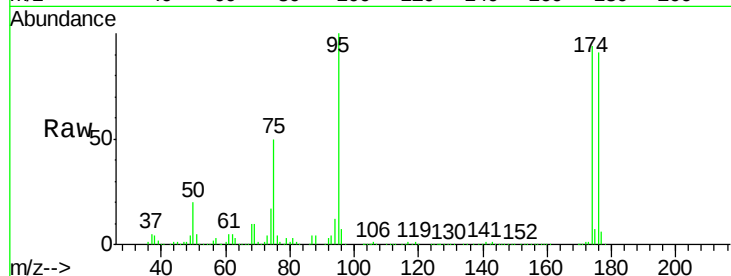
Tot Ion: 75 Resp: 96444

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

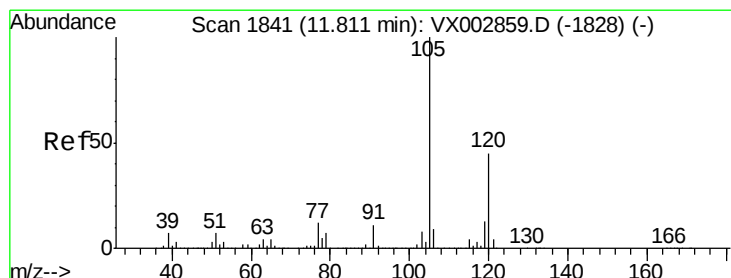
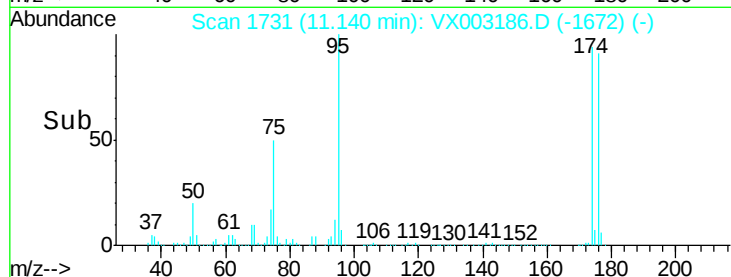
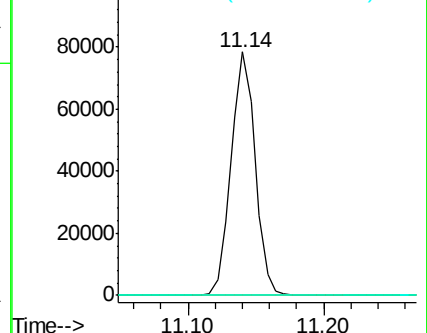
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003186.D

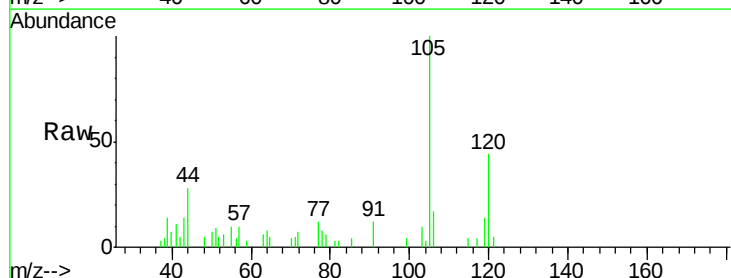
Acq: 05 Jul 2018 21:27

Tgt Ion:105 Resp: 2442

Ion Ratio Lower Upper

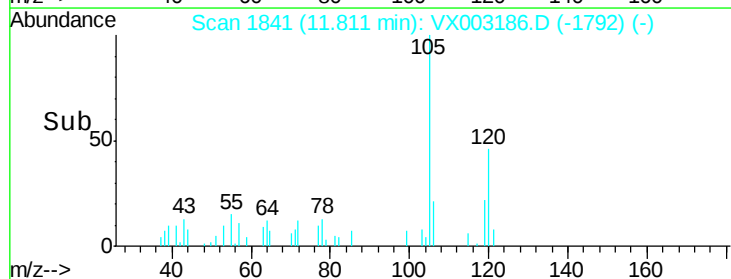
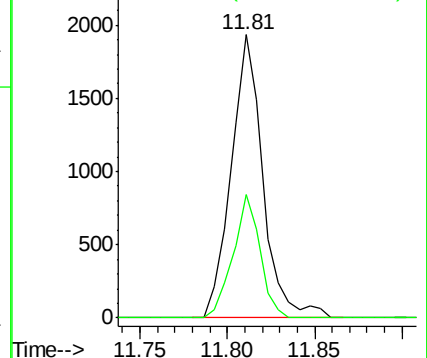
105 100

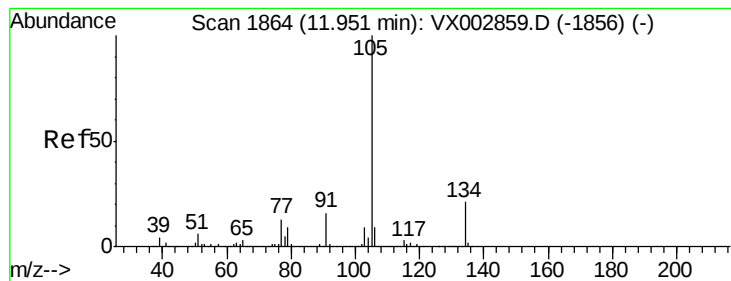
120 36.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

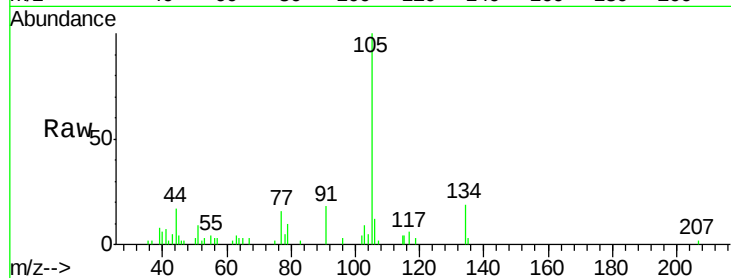
HC-CON

Tot Ion:105 Resp: 3343

Ion Ratio Lower Upper

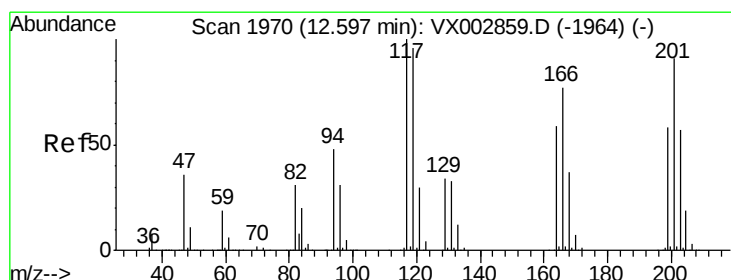
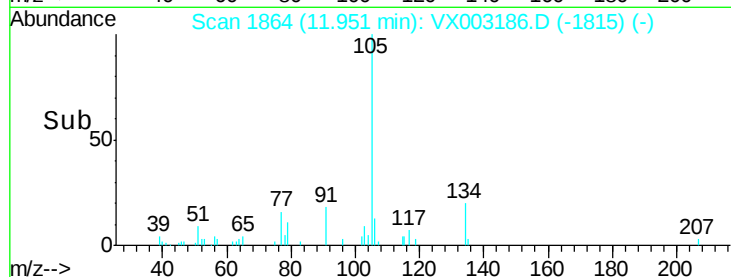
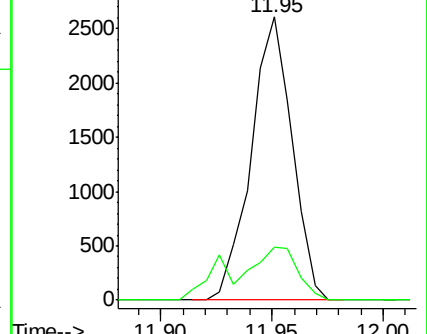
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.90 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX003186.D

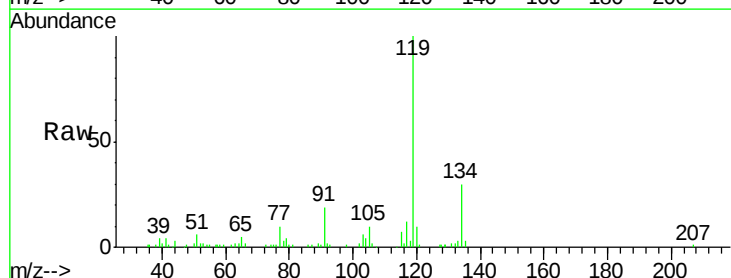
Acq: 05 Jul 2018 21:27

Tgt Ion:117 Resp: 1682

Ion Ratio Lower Upper

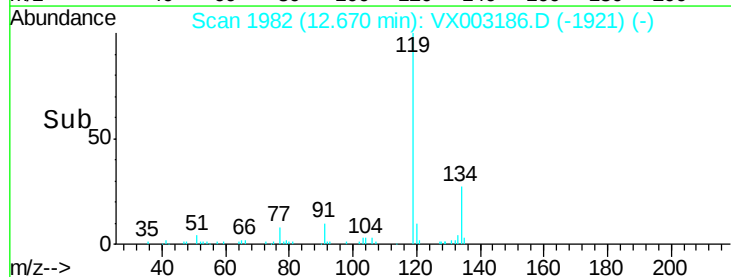
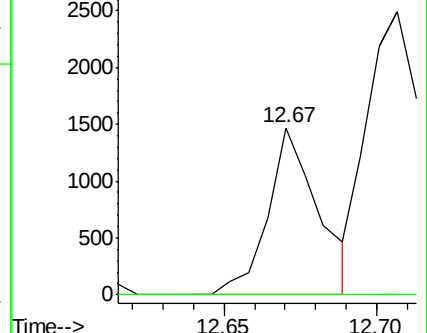
117 100

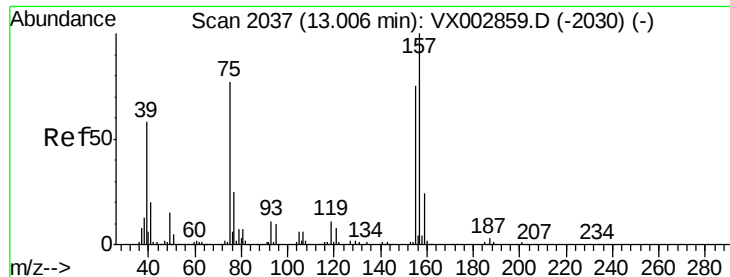
201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.32 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

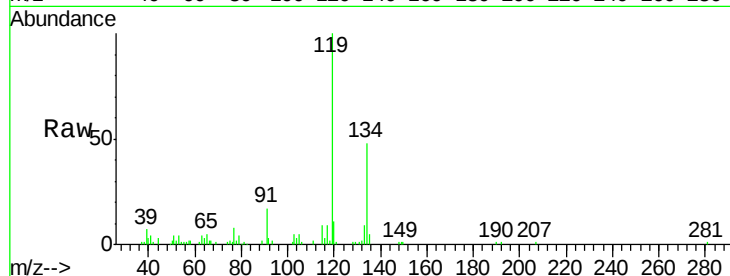
Tot Ion: 75 Resp: 312

Ion Ratio Lower Upper

75 100

155 7.4 45.8 137.4#

157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX002859.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX002859.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX002859.D (-2030) (-)

Time-->

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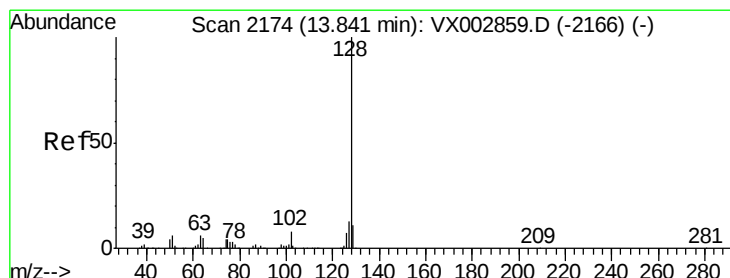
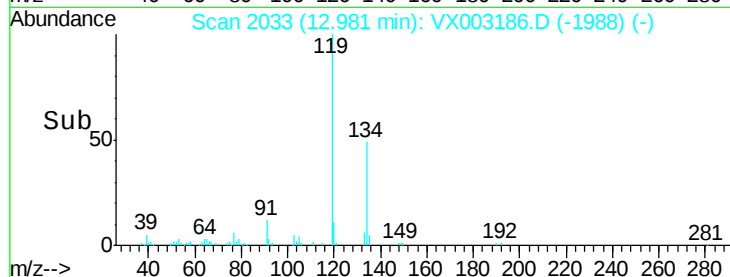
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#95

Naphthalene

Concen: 3.12 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

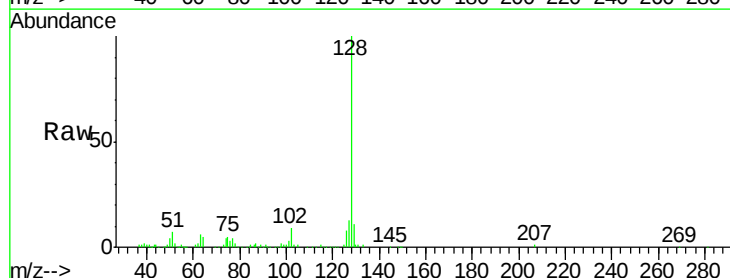
Tgt Ion: 128 Resp: 44168

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 13.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VX002859.D (-2166) (-)

Ion 127.00 (126.70 to 127.70): VX002859.D (-2166) (-)

Ion 129.00 (128.70 to 129.70): VX002859.D (-2166) (-)

Time-->

13.80 13.83 13.90

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