

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004141.D
 Acq On : 17 Aug 2018 19:16
 Operator : JC/MD
 Sample : J4523-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:35:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187476	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.51	113	159933	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.72	98	592513	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	206254	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	4443	1.45	ug/l	91
5) Bromomethane	1.65	94	918	0.37	ug/l	94
6) Chloroethane	1.68	64	308	Below Cal	#	81
10) Methyl Iodide	2.51	142	83	5.03	ug/l	# 69
11) Tert butyl alcohol	3.05	59	54507	74.72	ug/l	98
13) Acrolein	2.29	56	398	11.72	ug/l	# 1
16) Acetone	2.44	43	32279	17.14	ug/l	99
18) Methyl Acetate	2.78	43	2684	0.64	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	35683	3.74	ug/l	# 73
22) Diisopropyl ether	3.87	45	2064	0.20	ug/l	# 87
25) 2-Butanone	4.70	43	10774	3.52	ug/l	94
28) Bromochloromethane	5.21	49	1676	0.64	ug/l	# 10
29) Tetrahydrofuran	5.17	42	2225	1.42	ug/l	# 83
30) Chloroform	5.22	83	20205	3.62	ug/l	98
31) Cyclohexane	5.58	56	2607	0.52	ug/l	# 95
36) 1,1-Dichloropropene	5.66	75	17364	3.74	ug/l	# 49
37) Ethyl Acetate	4.70	43	10774	2.13	ug/l	# 68
38) Carbon Tetrachloride	5.67	117	22729	5.04	ug/l	# 15
39) Methylcyclohexane	7.46	83	1859	0.35	ug/l	88
40) Benzene	6.15	78	46350	3.33	ug/l	100
47) Bromodichloromethane	7.90	83	3457	0.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1550	0.25	ug/l	# 86
52) Toluene	8.79	92	6401	0.73	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	985	0.27	ug/l	# 15
59) 2-Hexanone	9.50	43	5420	1.18	ug/l	96
60) Dibromochloromethane	9.59	129	2402	0.69	ug/l	100
67) Ethyl Benzene	10.26	91	18956	1.24	ug/l	99
68) m/p-Xylenes	10.36	106	1347	0.22	ug/l	93
71) Bromoform	10.86	173	1127	0.43	ug/l	# 97
73) Isopropylbenzene	11.02	105	4751	0.32	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	98373	22.69	ug/l	# 36
78) n-propylbenzene	11.36	91	13179	0.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	98373	70.23	ug/l	# 9
84) 1,2,4-Trimethylbenzene	11.81	105	7062	0.57	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

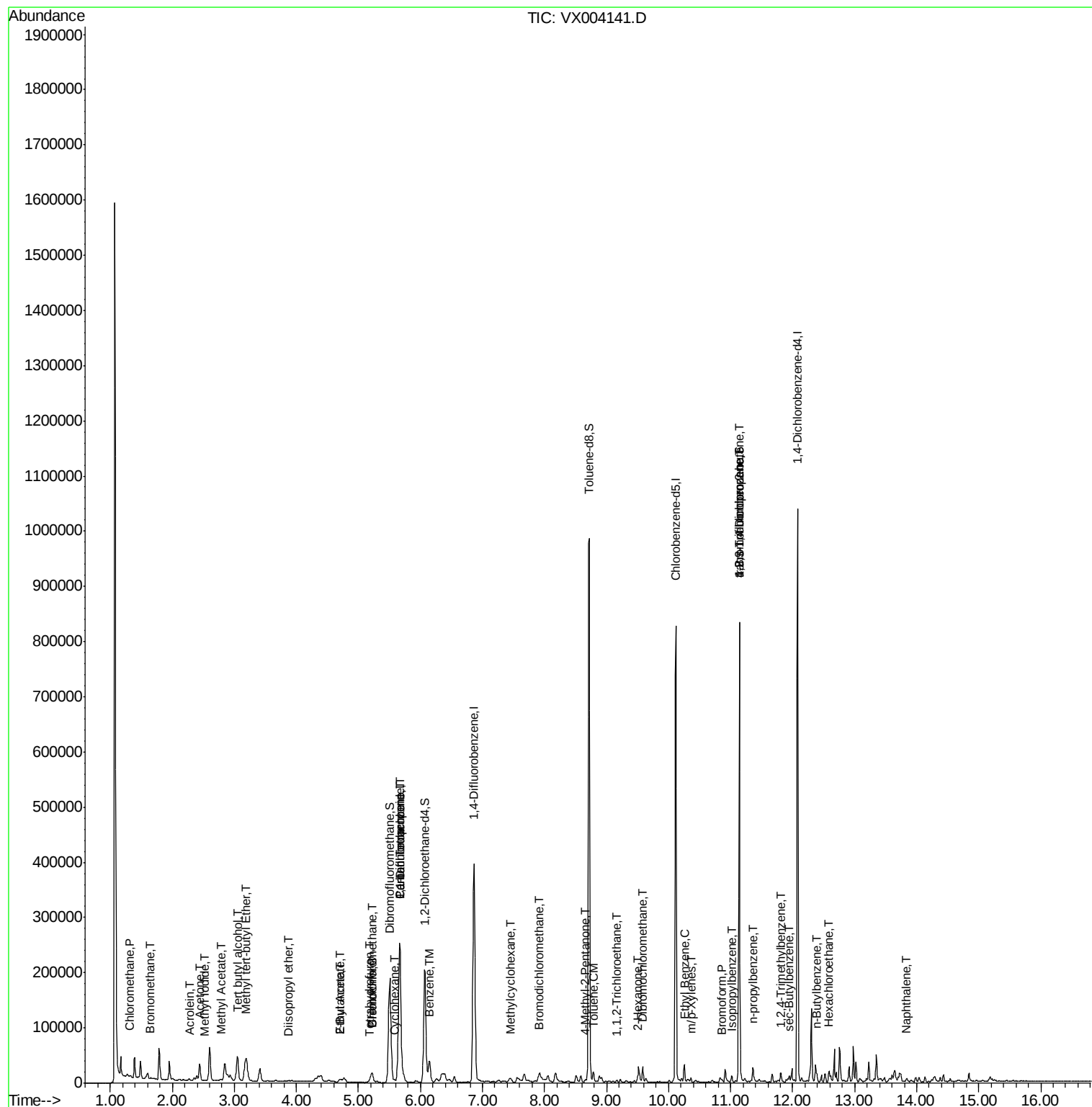
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	4563	0.32	ug/l #	70
89) n-Butylbenzene	12.39	91	6723	0.67	ug/l #	57
90) Hexachloroethane	12.59	117	930	0.49	ug/l #	4
95) Naphthalene	13.83	128	4325	1.42	ug/l #	92

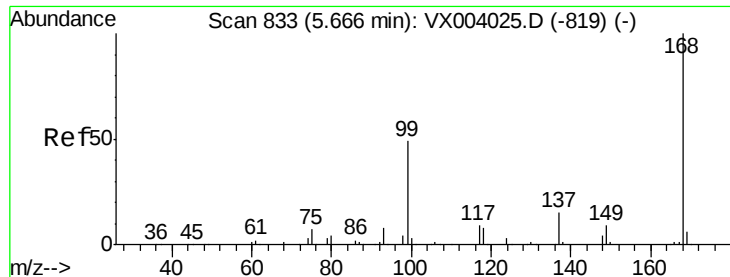
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

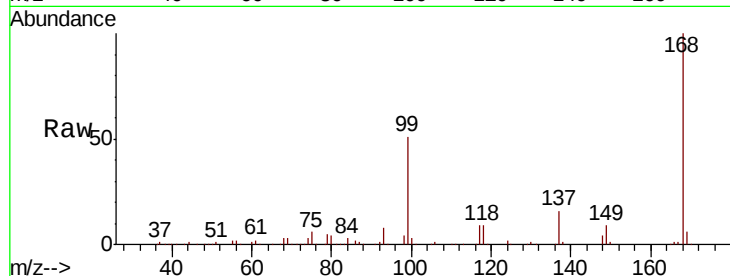
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 257100

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

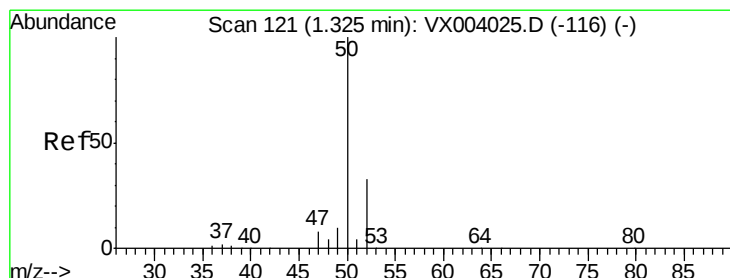
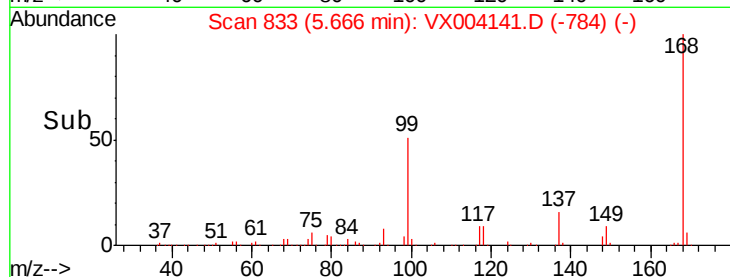
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.45 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004141.D

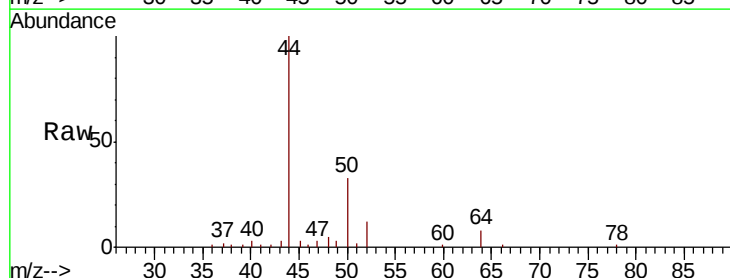
Acq: 17 Aug 2018 19:16

Tgt Ion: 50 Resp: 4443

Ion Ratio Lower Upper

50 100

52 38.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2500

2000

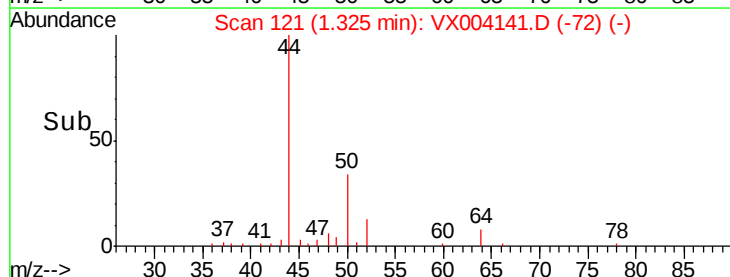
1500

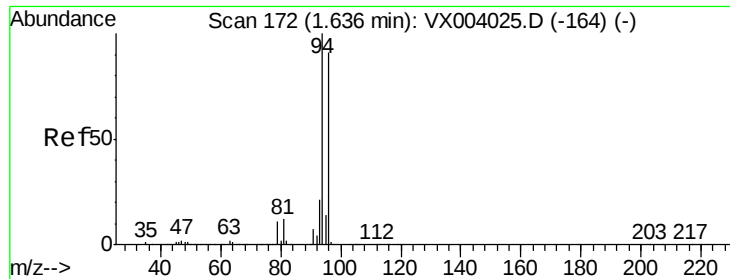
1000

500

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.37 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

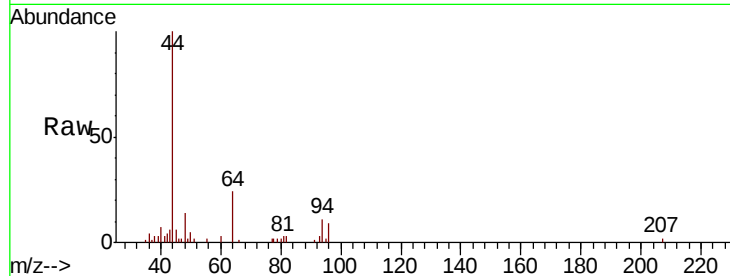
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 918

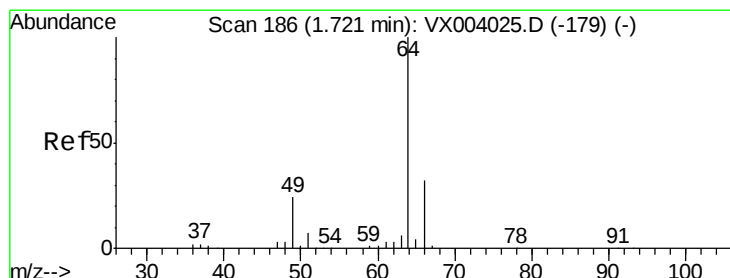
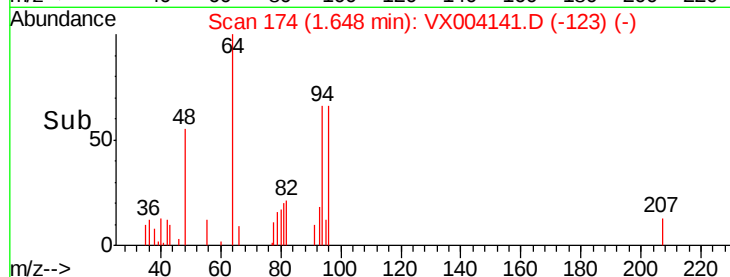
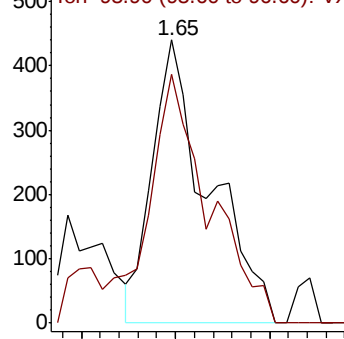
Ion Ratio Lower Upper

94 100

96 88.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX004141.D

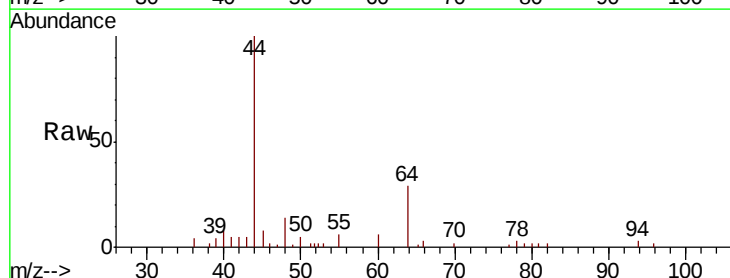
Acq: 17 Aug 2018 19:16

Tgt Ion: 64 Resp: 308

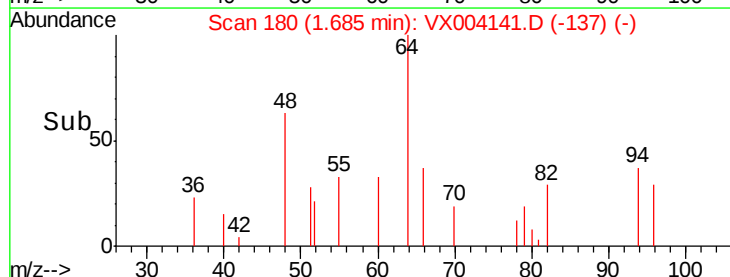
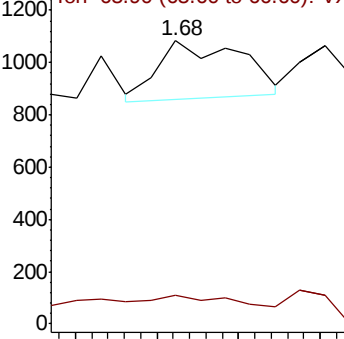
Ion Ratio Lower Upper

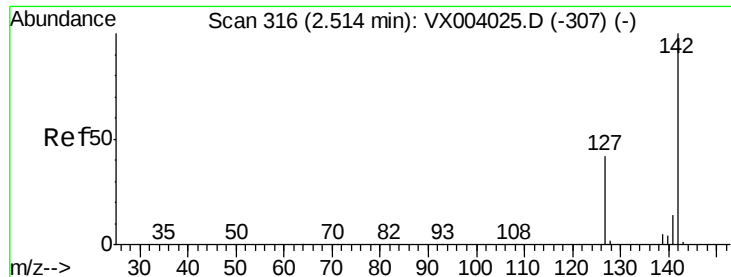
64 100

66 22.3 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0

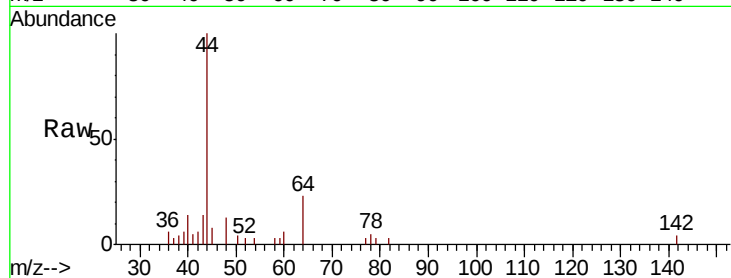




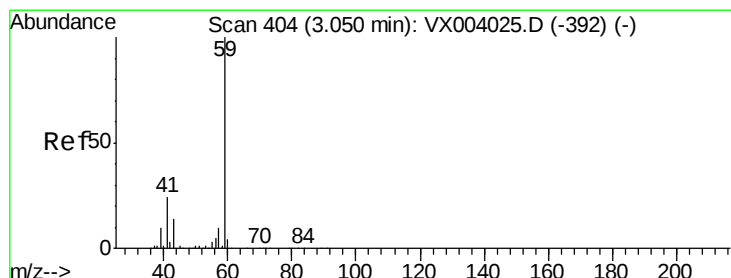
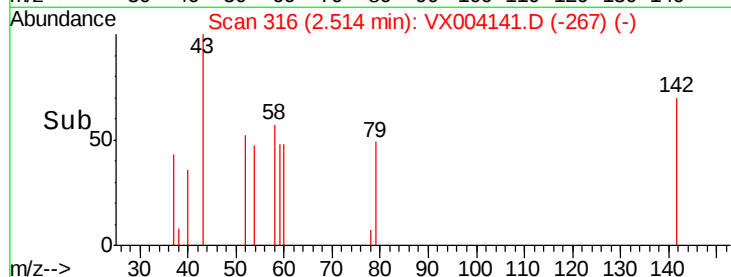
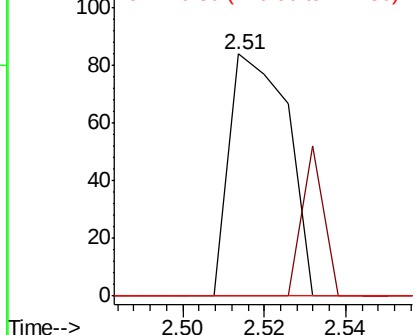
#10
Methyl Iodide
Concen: 5.03 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 22.9 33.1 49.7#
141 0.0 11.1 16.7#

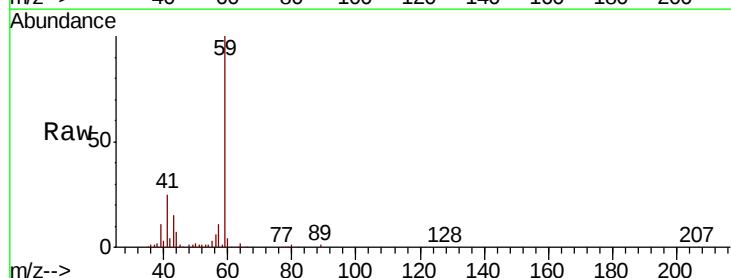


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

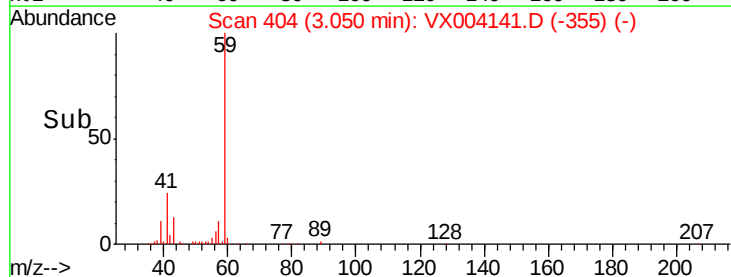
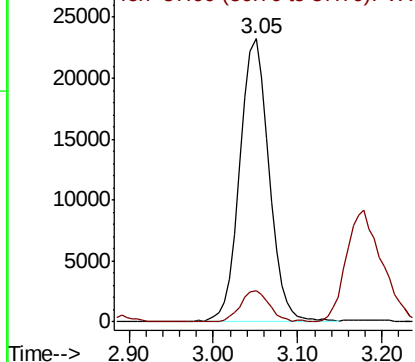


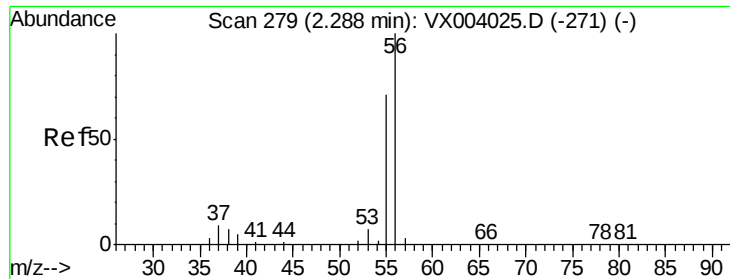
#11
Tert butyl alcohol
Concen: 74.72 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 59 Resp: 54507
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

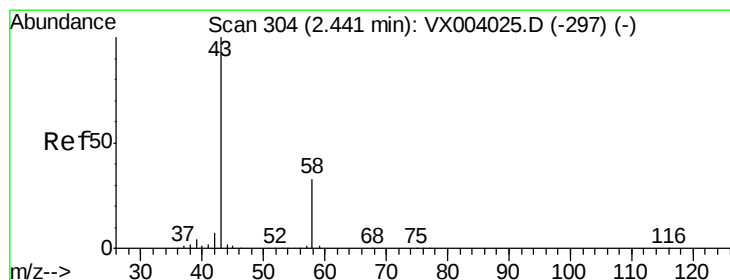
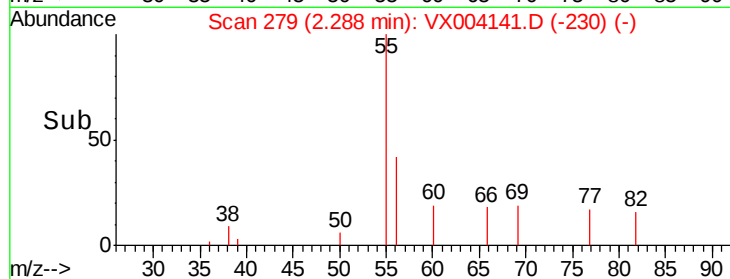
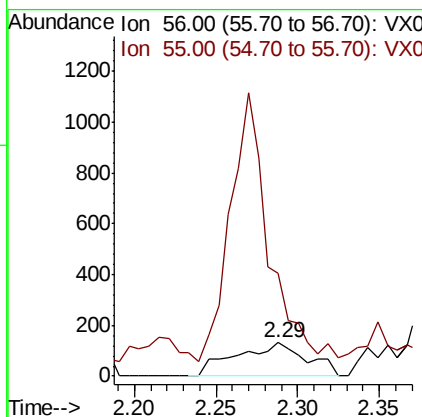
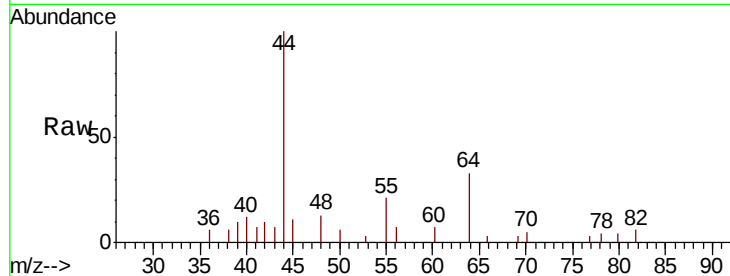




#13
Acrolein
Concen: 11.72 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

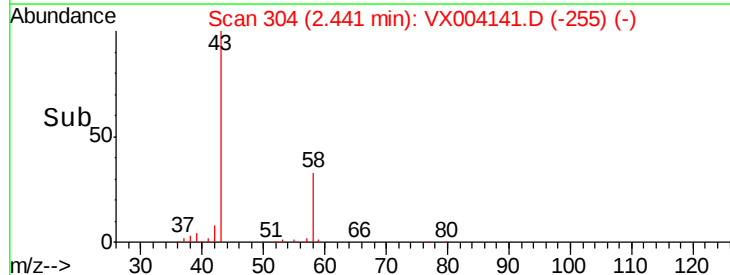
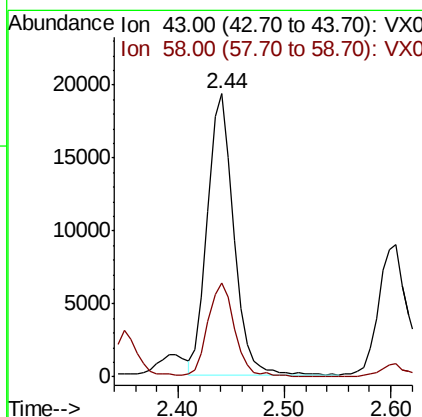
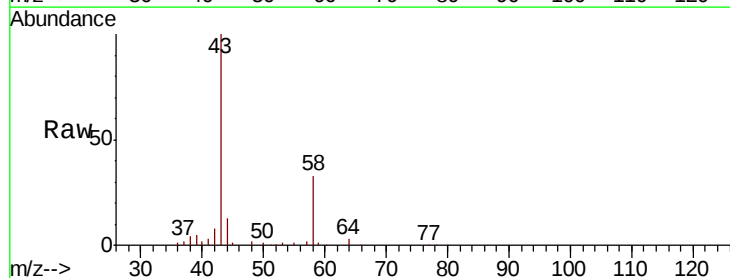
Instrument :
MSVOA_X
ClientSampled :

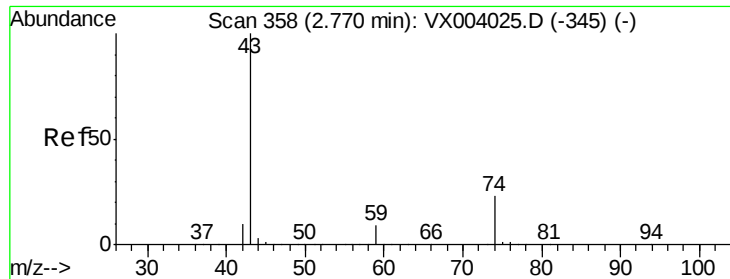
Tot Ion: 56 Resp: 398
Ion Ratio Lower Upper
56 100
55 510.8 56.1 84.1#



#16
Acetone
Concen: 17.14 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 43 Resp: 32279
Ion Ratio Lower Upper
43 100
58 33.4 26.4 39.6

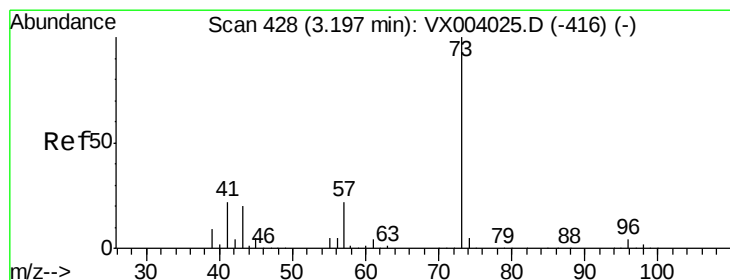
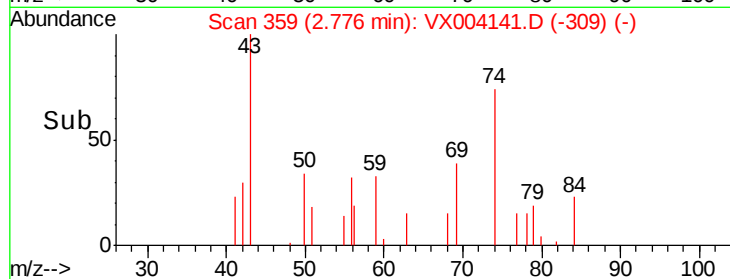
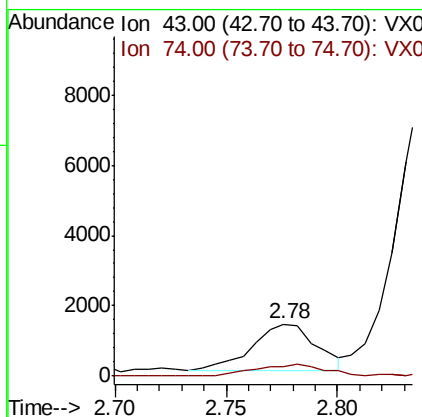
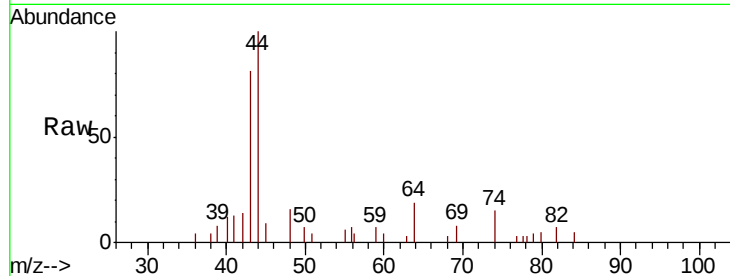




#18
Methyl Acetate
Concen: 0.64 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

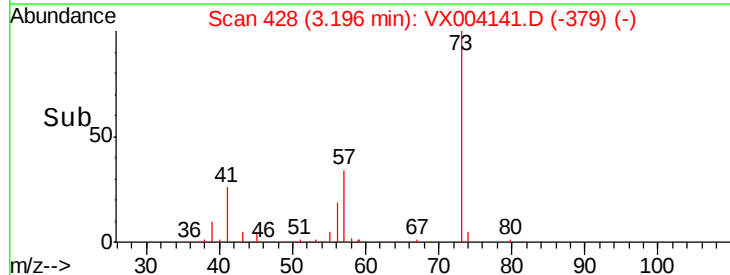
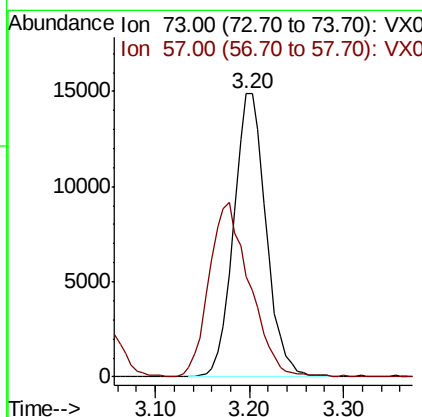
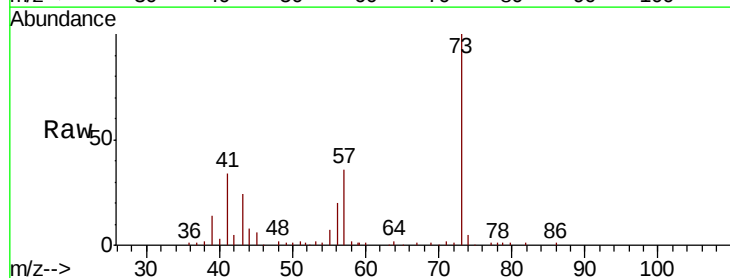
Instrument :
MSVOA_X
ClientSampled :

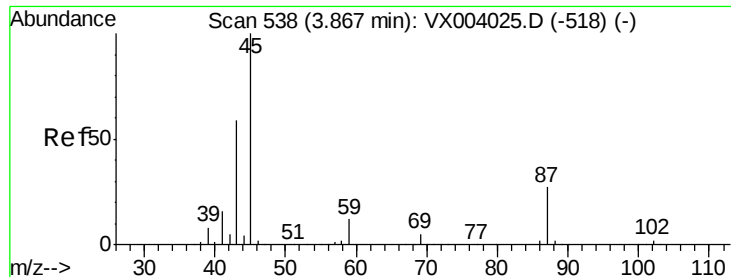
Tot Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
74 26.8 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 3.74 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 73 Resp: 35683
Ion Ratio Lower Upper
73 100
57 35.6 18.0 27.0#





#22

Diisopropyl ether

Concen: 0.20 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.01 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 45 Resp: 2064

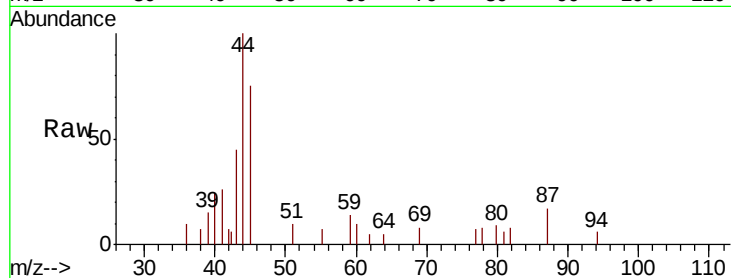
Ion	Ratio	Lower	Upper
45	100		
43	45.8	45.3	67.9
87	26.7	22.7	34.1
59	22.0	9.6	14.4

45 100

43 45.8 45.3 67.9

87 26.7 22.7 34.1

59 22.0 9.6 14.4



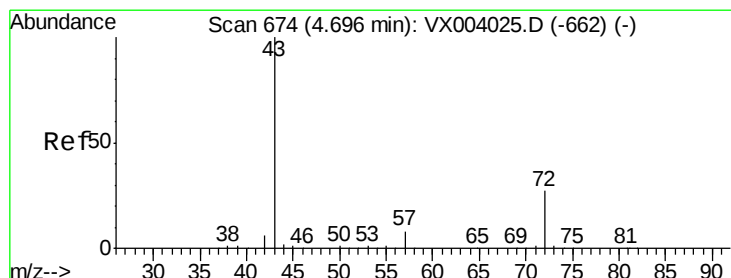
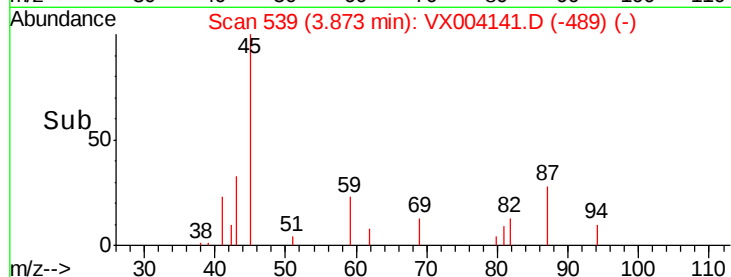
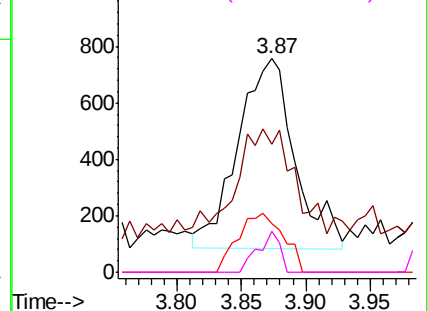
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 3.52 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004141.D

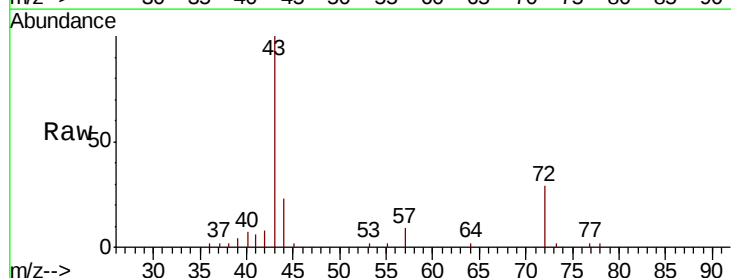
Acq: 17 Aug 2018 19:16

Tgt Ion: 43 Resp: 10774

Ion	Ratio	Lower	Upper
43	100		
72	29.6	21.4	32.0

43 100

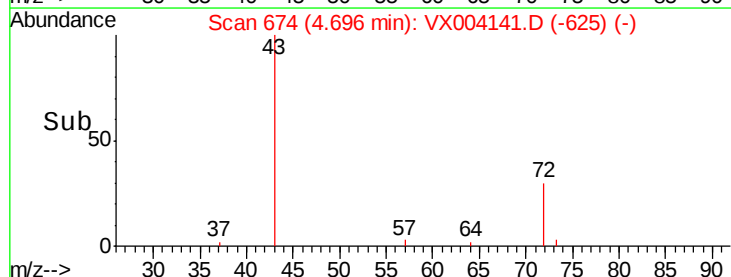
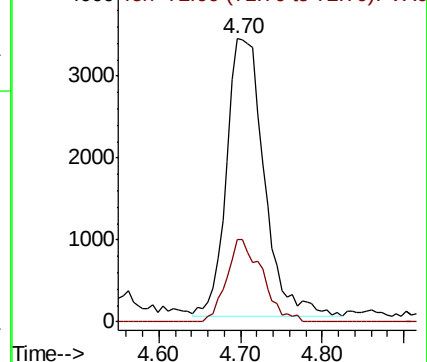
72 29.6 21.4 32.0

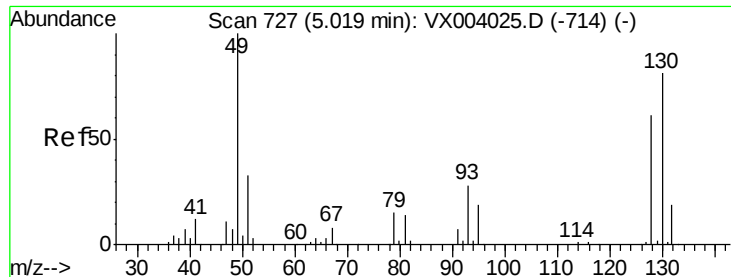


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.64 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.20 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

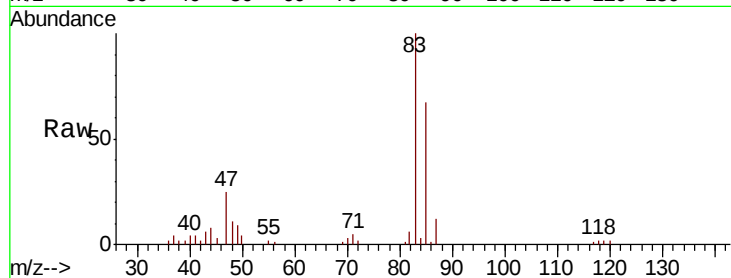
Tot Ion: 49 Resp: 1676

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

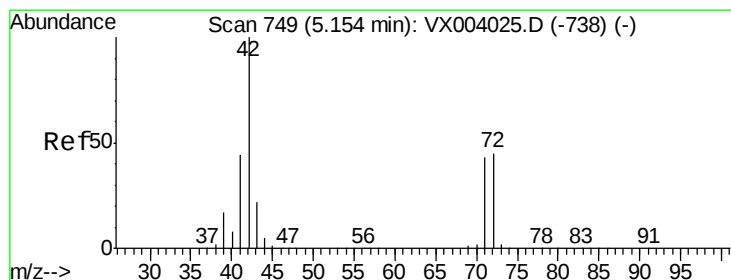
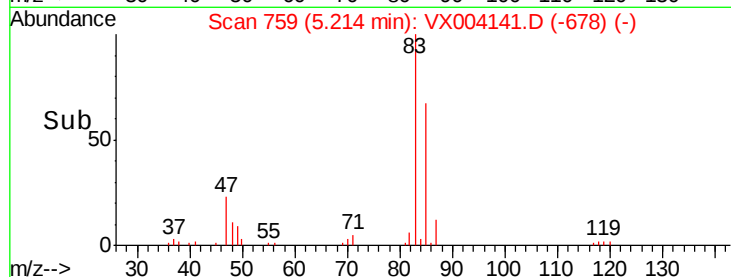
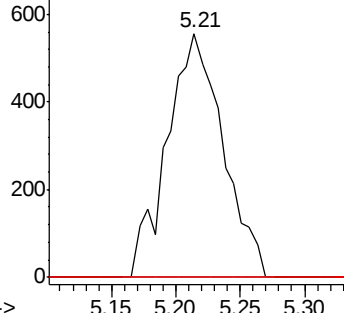
130 0.0 66.5 99.7#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.42 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

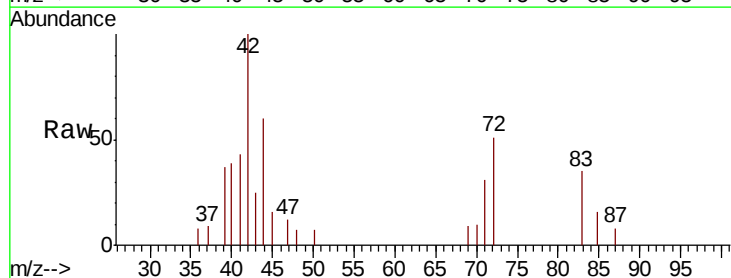
Tgt Ion: 42 Resp: 2225

Ion Ratio Lower Upper

42 100

72 30.9 37.7 56.5#

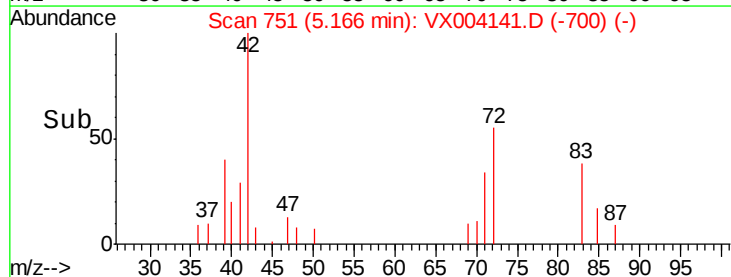
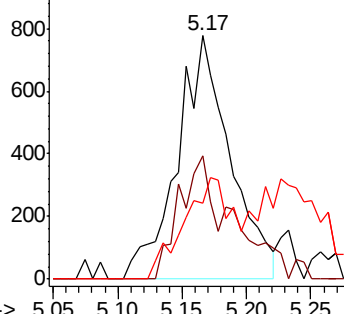
71 38.0 35.0 52.6

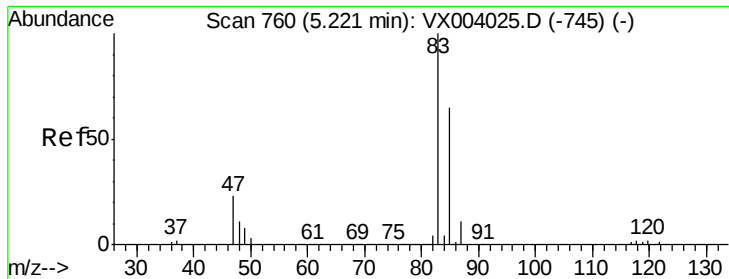


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

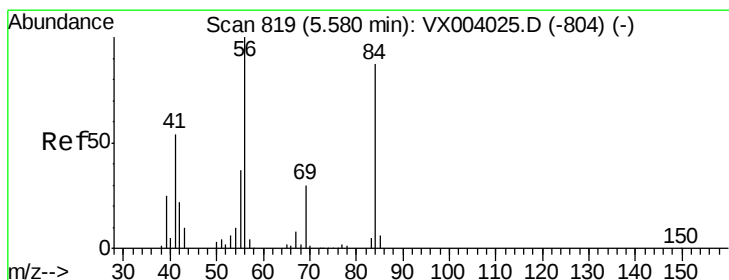
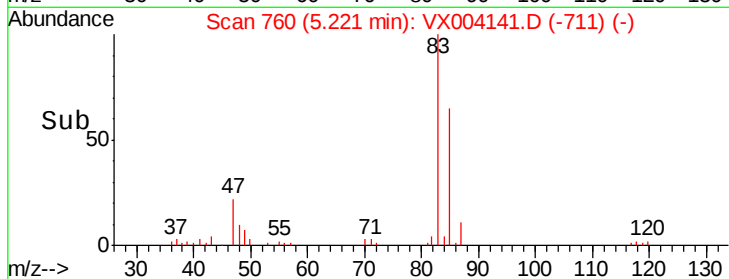
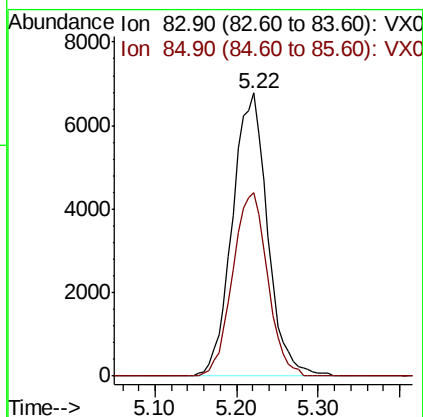
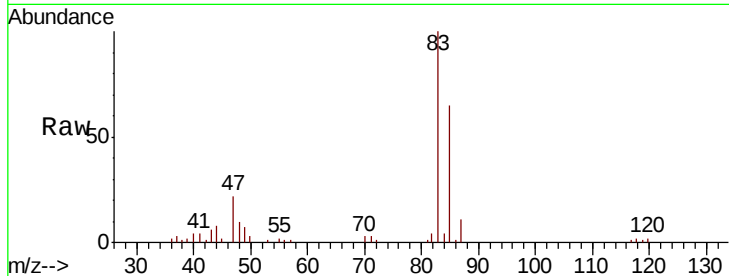




#30
Chloroform
Concen: 3.62 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

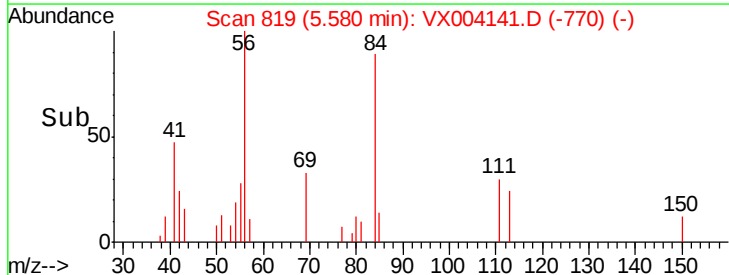
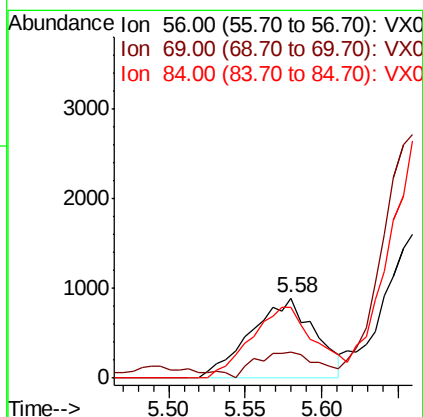
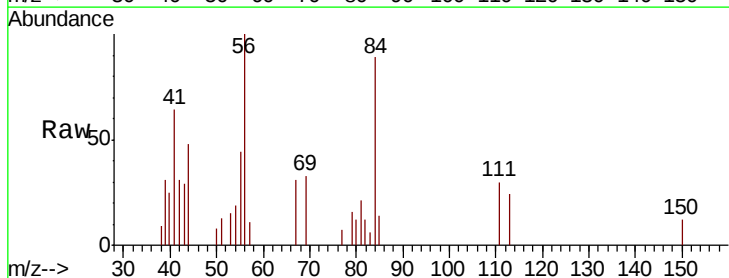
Instrument :
MSVOA_X
ClientSampleId :

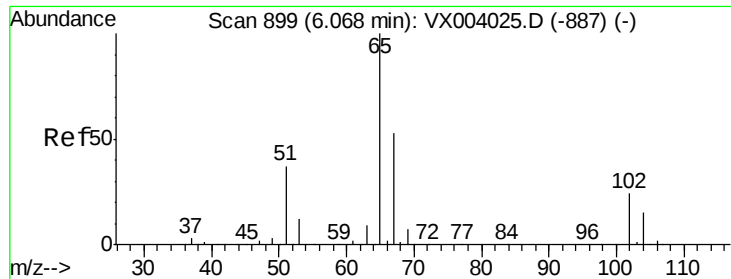
Tot Ion: 83 Resp: 20205
Ion Ratio Lower Upper
83 100
85 64.9 50.7 76.1



#31
Cyclohexane
Concen: 0.52 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 56 Resp: 2607
Ion Ratio Lower Upper
56 100
69 21.6 24.9 37.3#
84 88.7 71.7 107.5

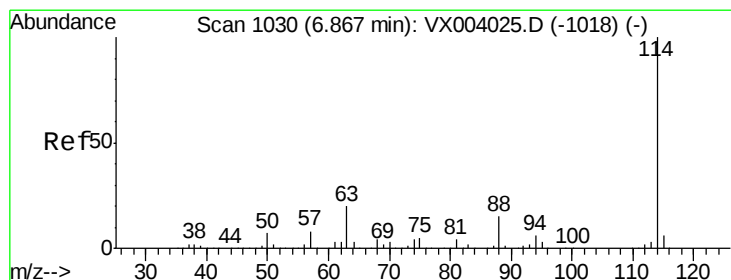
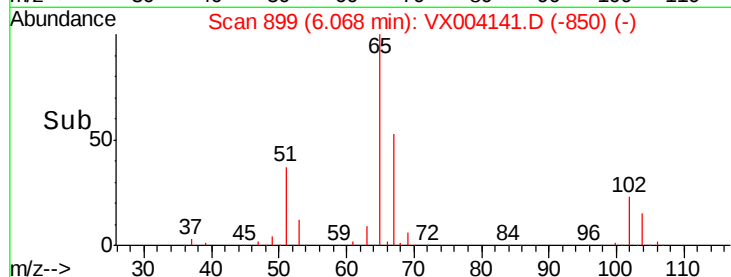
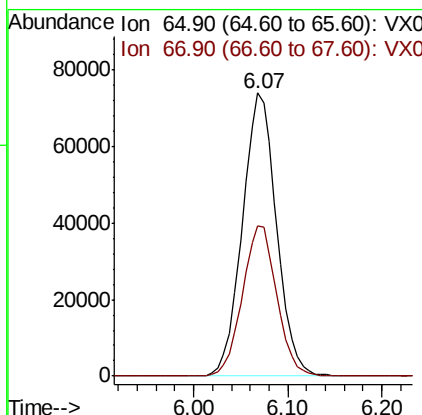
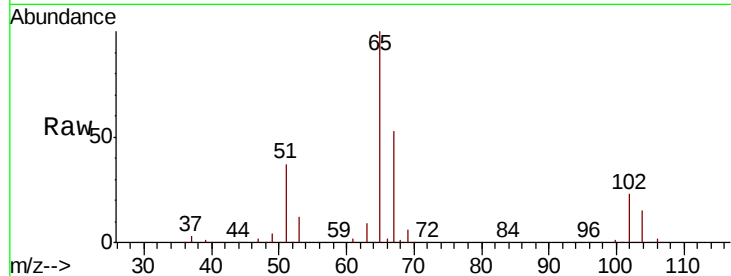




#33
 1,2-Dichloroethane-d4
 Concen: 51.75 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

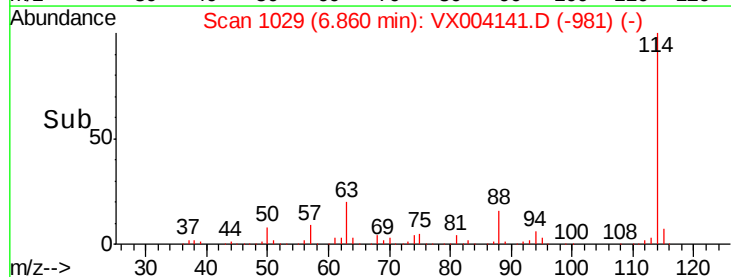
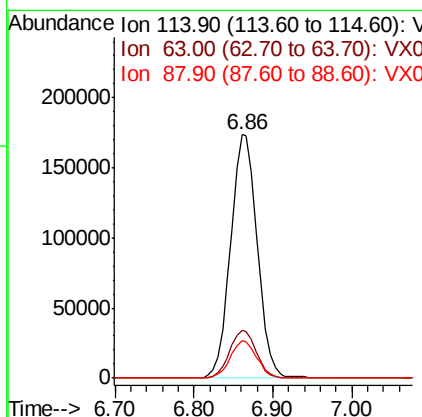
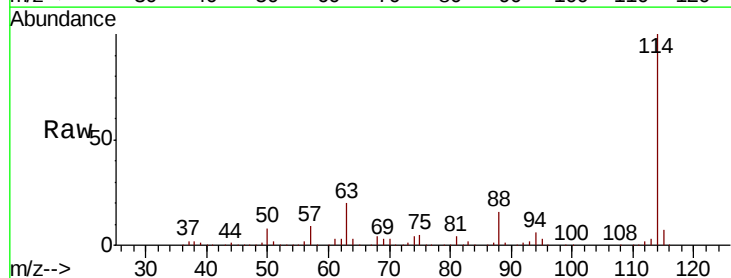
Instrument :
 MSVOA_X
 ClientSampleId :

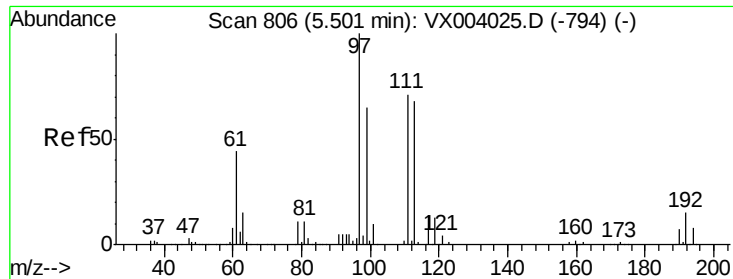
Tot Ion: 65 Resp: 187476
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

Tgt Ion: 114 Resp: 407891
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.6 0.0 32.0

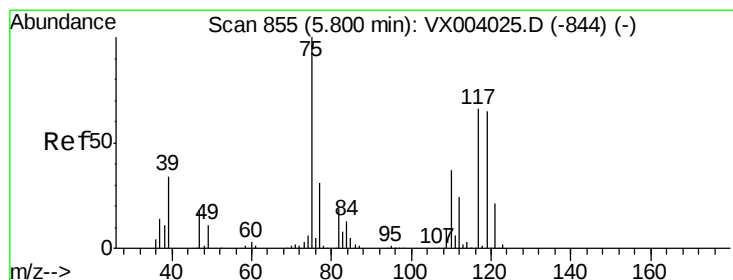
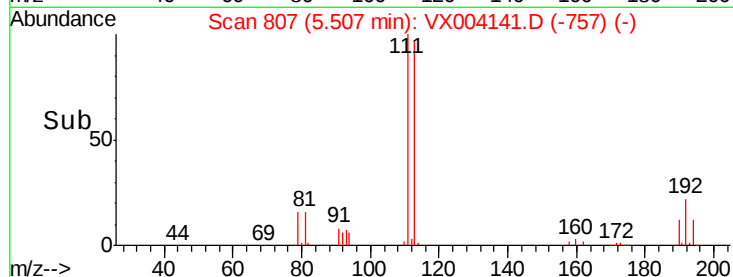
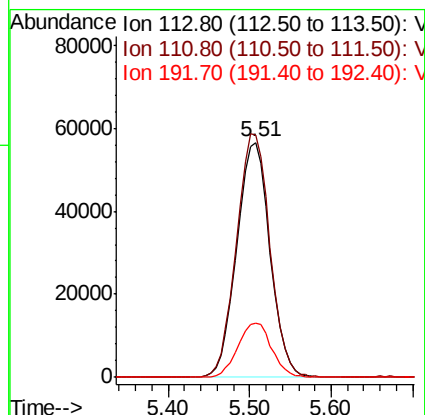
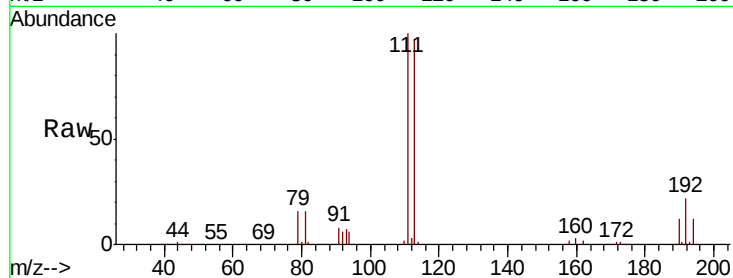




#35
 Dibromofluoromethane
 Concen: 52.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

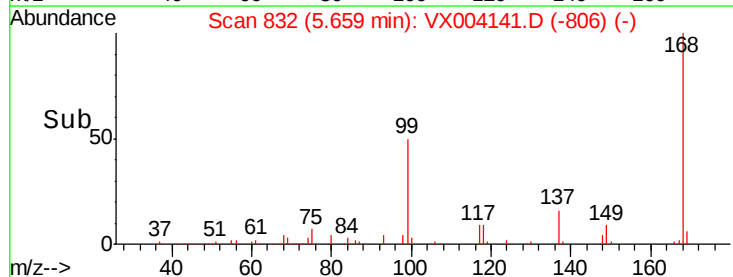
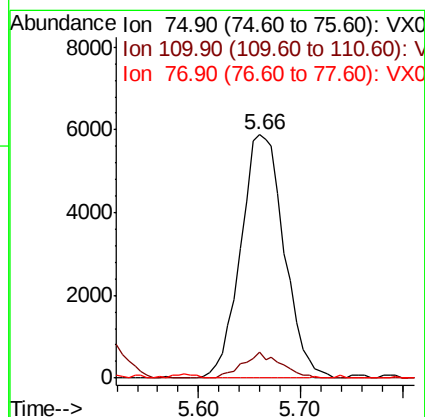
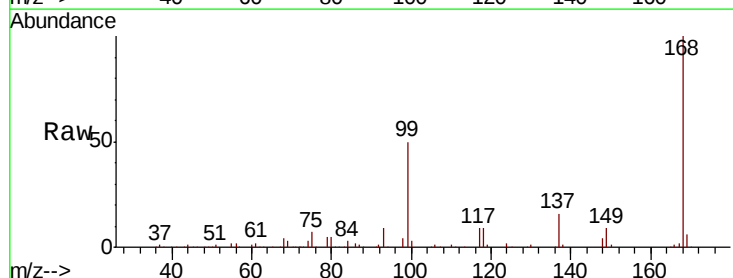
Instrument :
 MSVOA_X
 ClientSampleId :

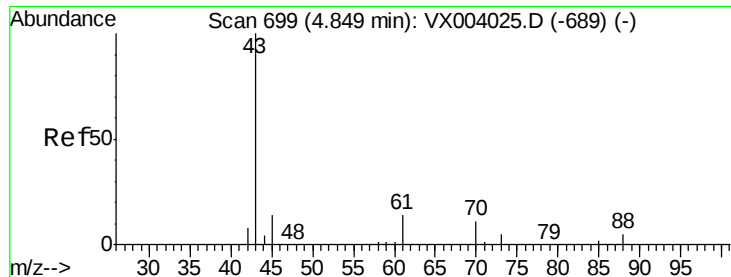
Tot Ion:113 Resp: 159933
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.0 123.0
 192 23.6 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

Tgt Ion: 75 Resp: 17364
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.13 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.15 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

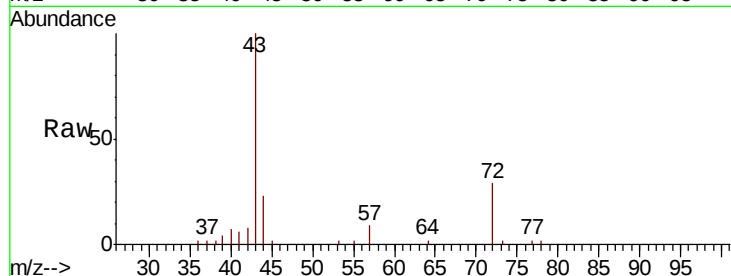
Tot Ion: 43 Resp: 10774

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

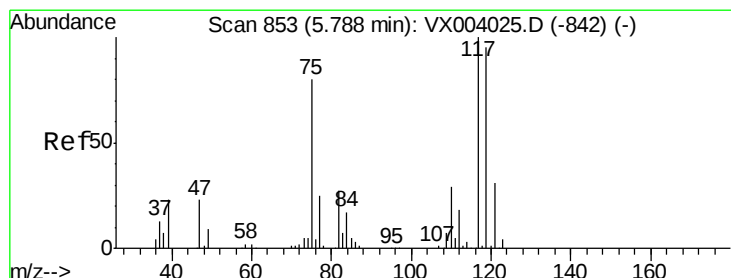
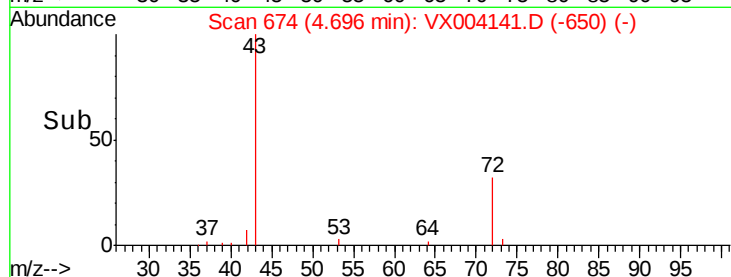
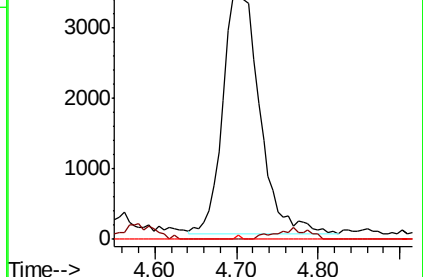
70 0.2 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VX004141.D (-650) (-)

Ion 60.90 (60.60 to 61.60): VX004141.D (-650) (-)

Ion 70.00 (69.70 to 70.70): VX004141.D (-650) (-)



#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

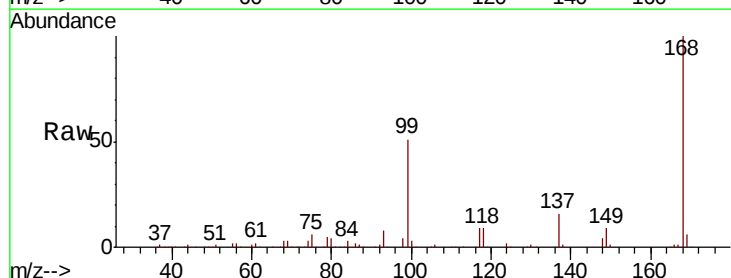
Tgt Ion: 117 Resp: 22729

Ion Ratio Lower Upper

117 100

119 5.5 79.5 119.3#

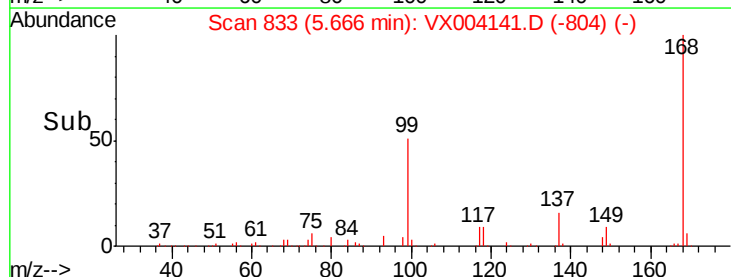
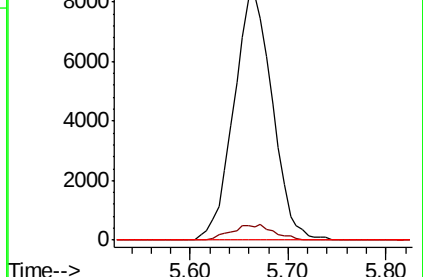
121 0.0 25.0 37.4#

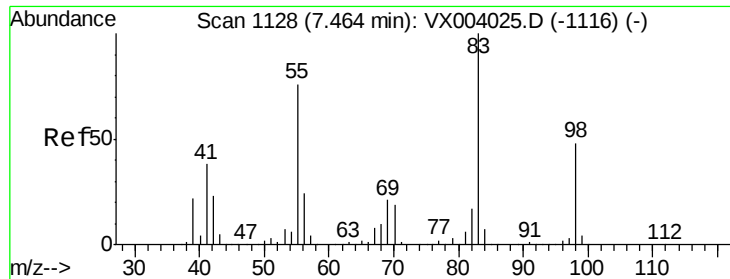


Abundance Ion 116.80 (116.50 to 117.50): VX004141.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX004141.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX004141.D (-804) (-)

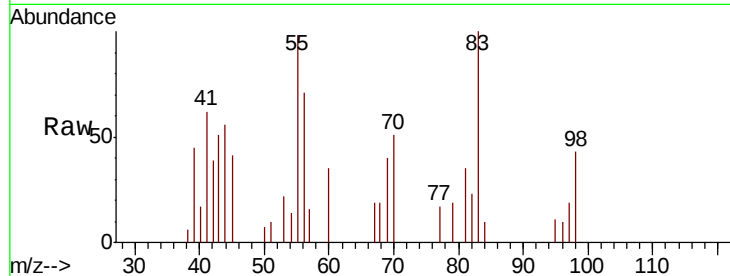




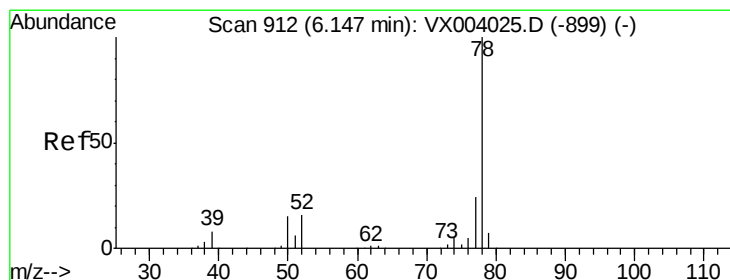
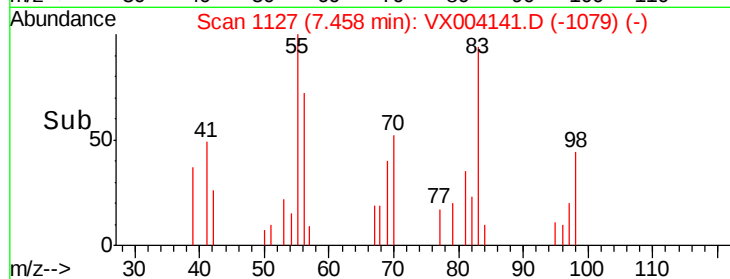
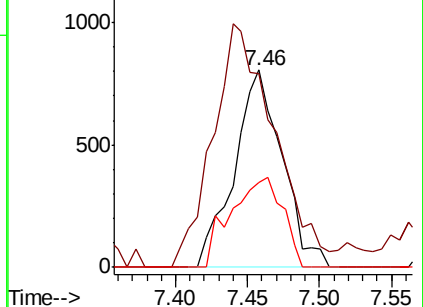
#39
Methvlcvclohexane
Concen: 0.35 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83.00 Resp: 1859
Ion Ratio Lower Upper
83 100
55 89.3 61.0 91.6
98 43.3 38.6 57.8

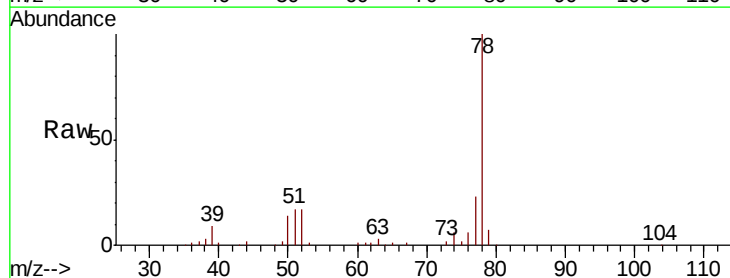


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

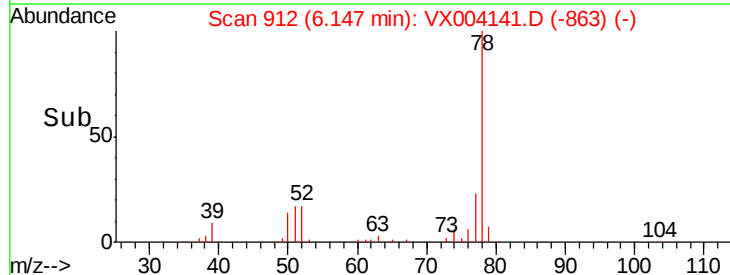
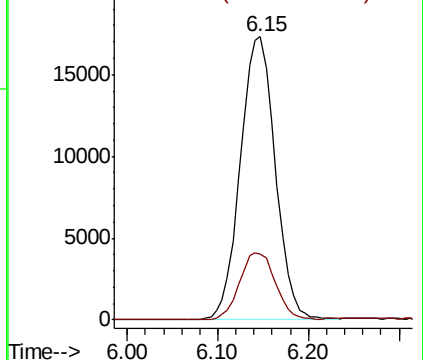


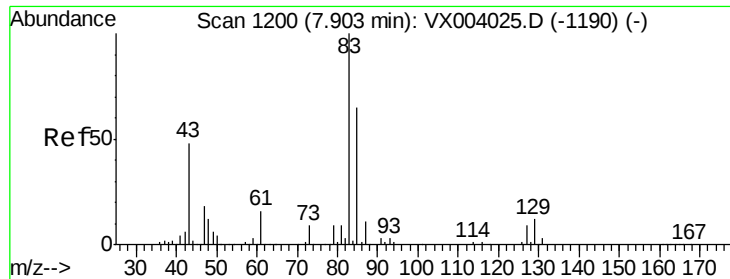
#40
Benzene
Concen: 3.33 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 78 Resp: 46350
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#47

Bromodichloromethane

Concen: 0.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampleId :

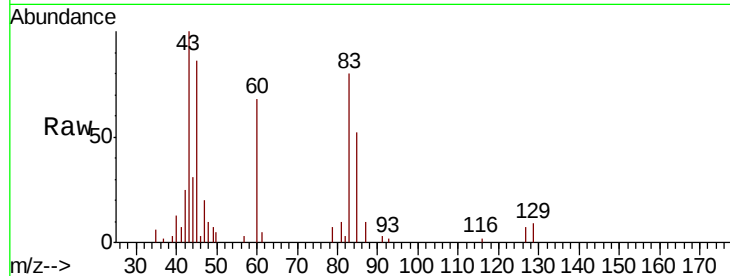
Tot Ion: 83 Resp: 3457

Ion Ratio Lower Upper

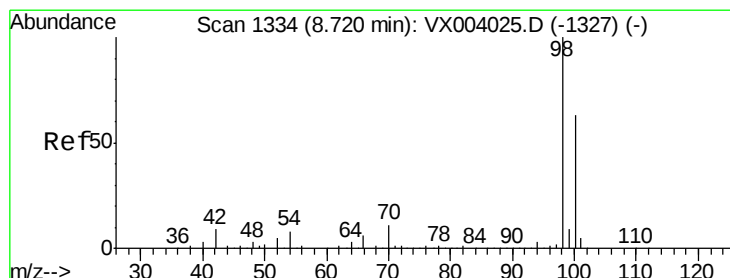
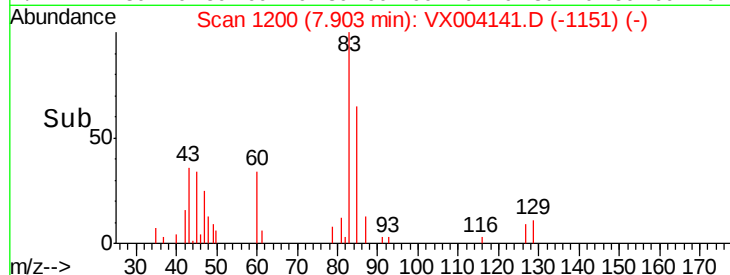
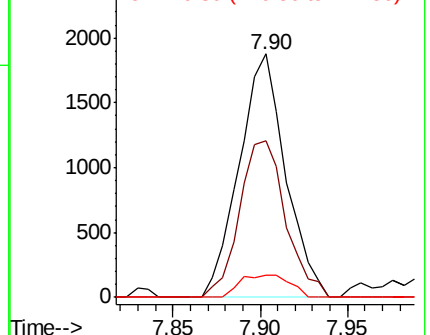
83 100

85 64.5 51.2 76.8

127 9.3 7.2 10.8



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: 47.87 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004141.D

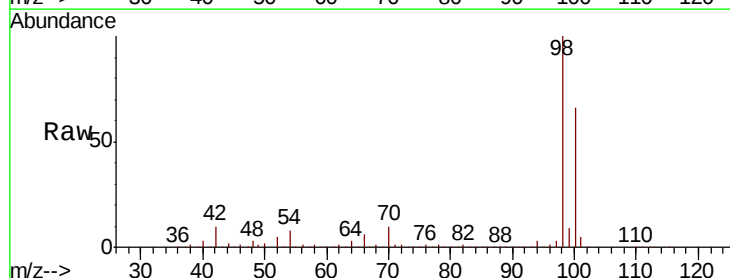
Acq: 17 Aug 2018 19:16

Tgt Ion: 98 Resp: 592513

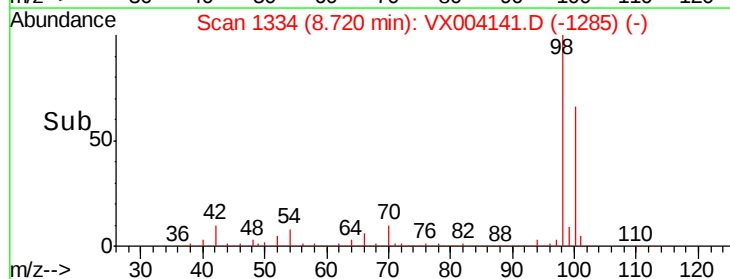
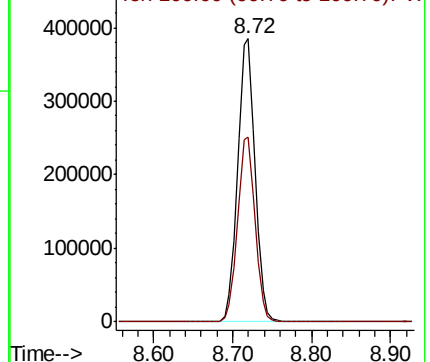
Ion Ratio Lower Upper

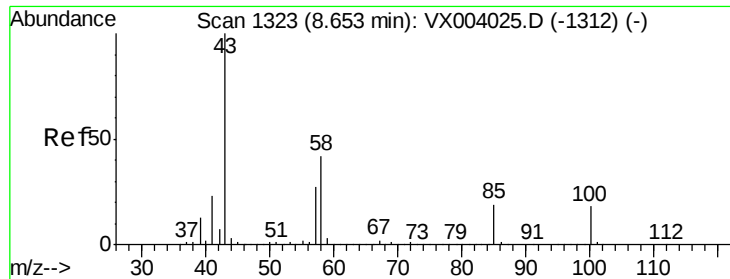
98 100

100 65.6 53.3 79.9



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: 0.25 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

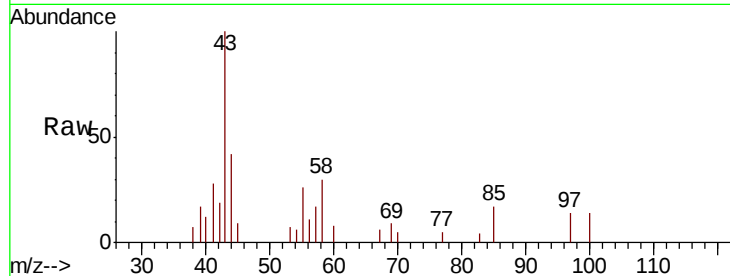
ClientSampled :

Tot Ion: 43 Resp: 1550

Ion Ratio Lower Upper

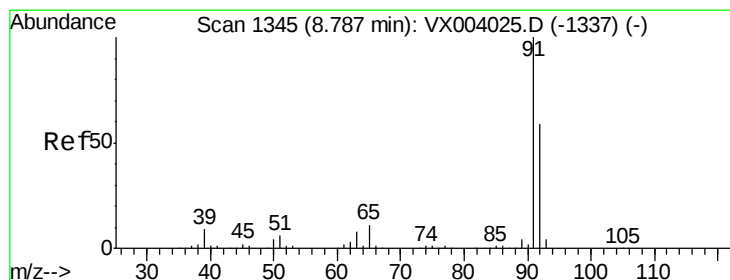
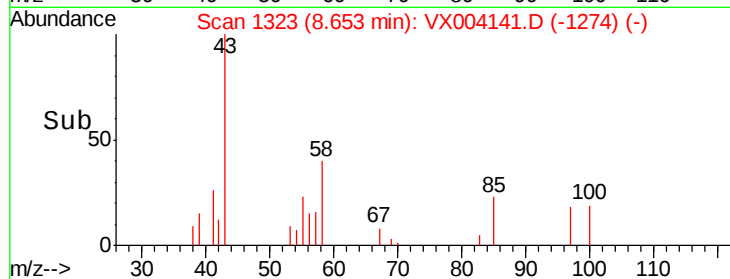
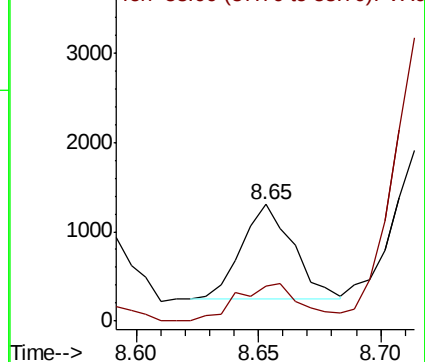
43 100

58 50.1 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.73 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004141.D

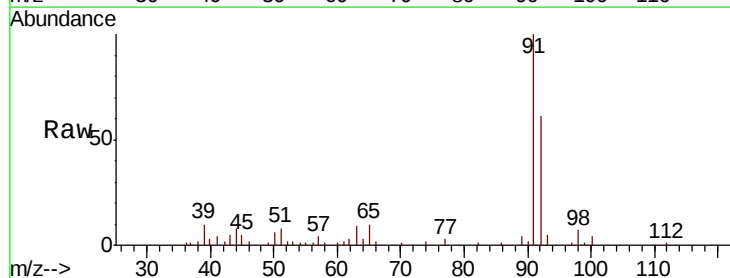
Acq: 17 Aug 2018 19:16

Tgt Ion: 92 Resp: 6401

Ion Ratio Lower Upper

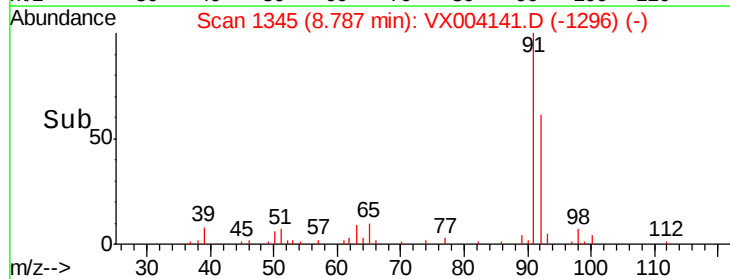
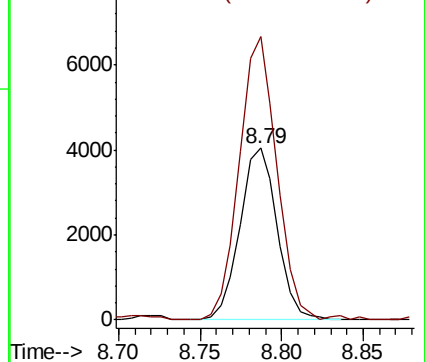
92 100

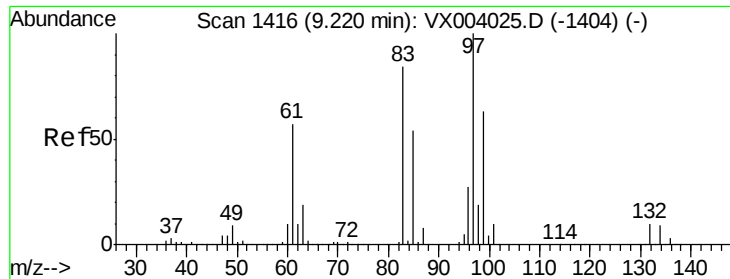
91 165.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

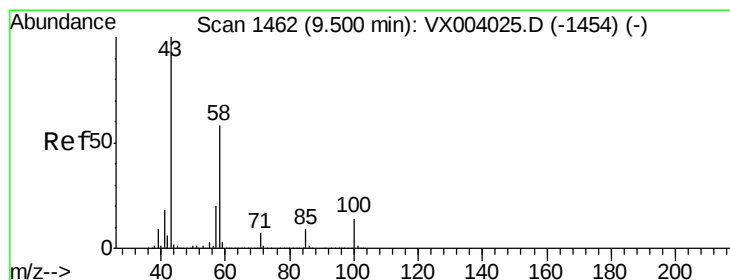
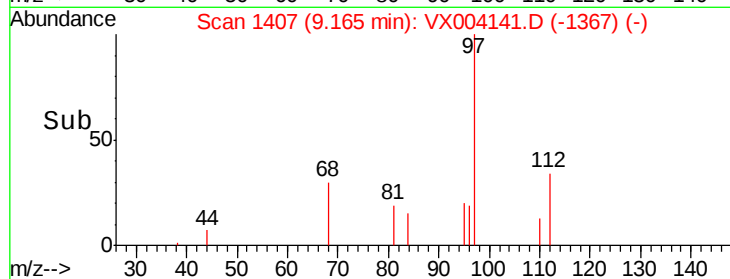
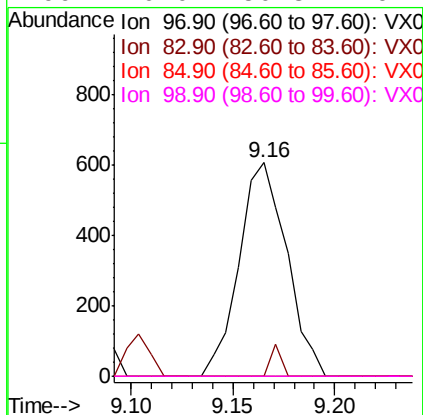
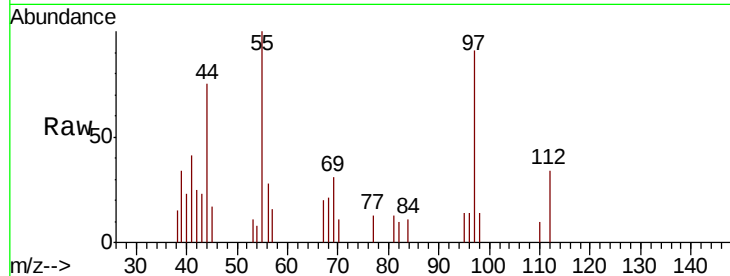




#55
 1,1,2-Trichloroethane
 Concen: 0.27 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

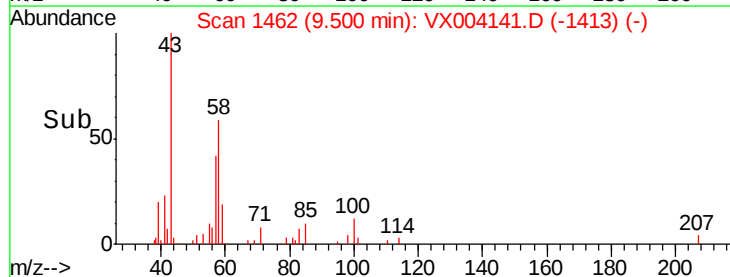
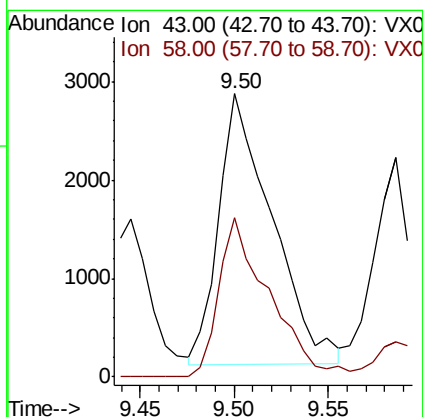
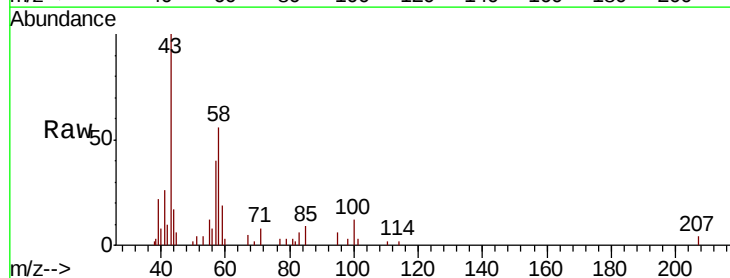
Instrument :
 MSVOA_X
 ClientSampleId :

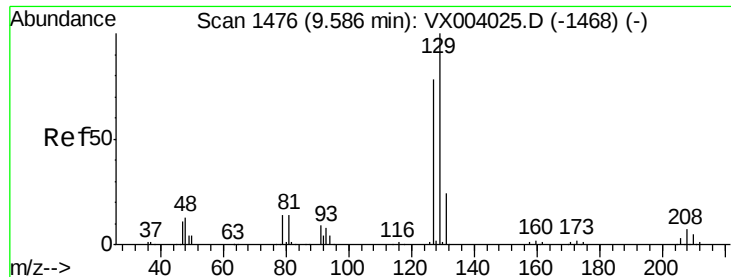
Tot Ion: 97 Resp: 985
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.8 101.6#
 85 0.0 44.2 66.2#
 99 0.0 50.8 76.2#



#59
 2-Hexanone
 Concen: 1.18 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

Tgt Ion: 43 Resp: 5420
 Ion Ratio Lower Upper
 43 100
 58 55.1 29.0 87.0





#60

Dibromochloromethane

Concen: 0.69 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

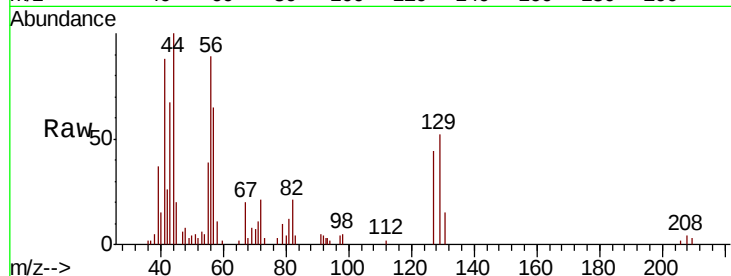
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 2402

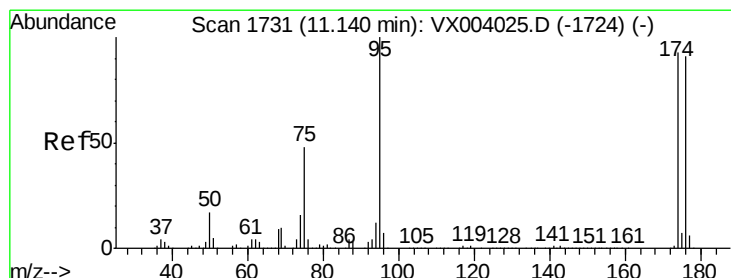
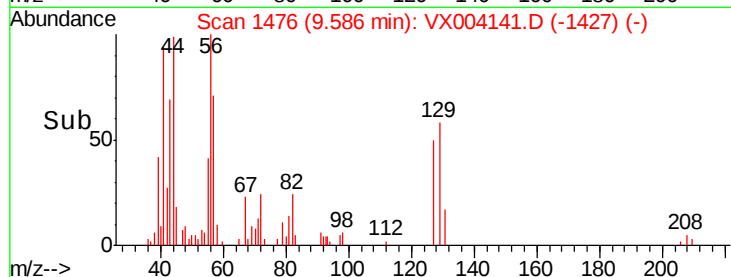
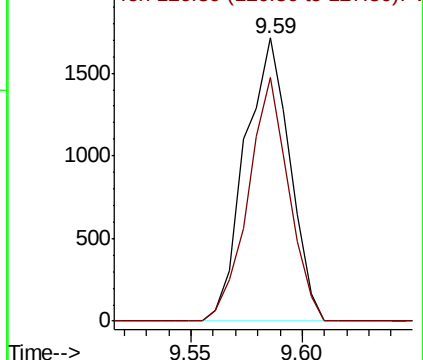
Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

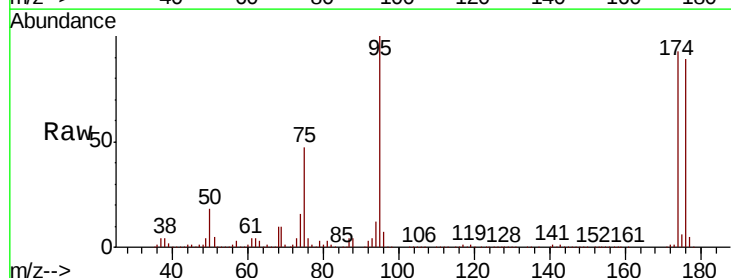
Tgt Ion: 95 Resp: 206254

Ion Ratio Lower Upper

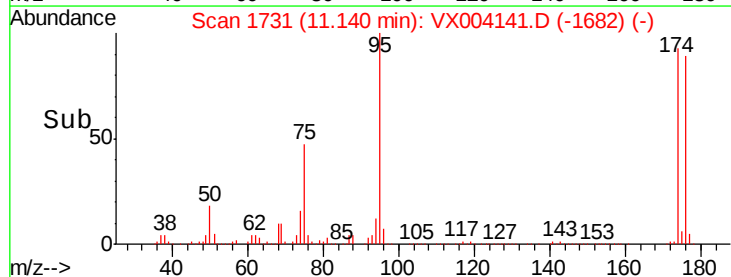
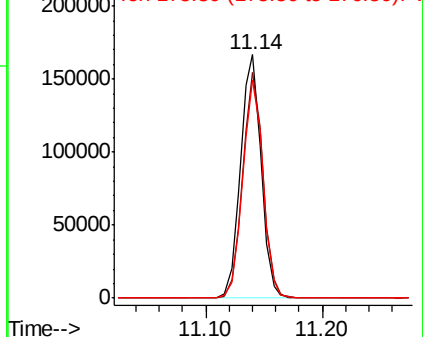
95 100

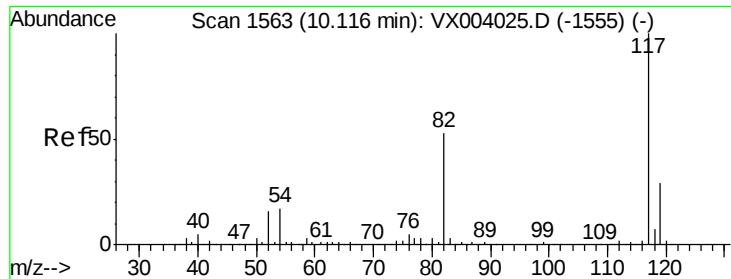
174 91.5 0.0 182.8

176 88.0 0.0 179.0



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

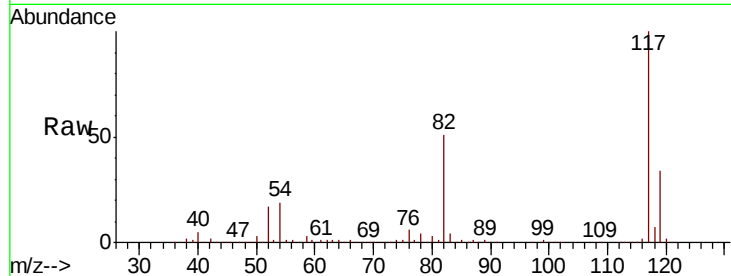




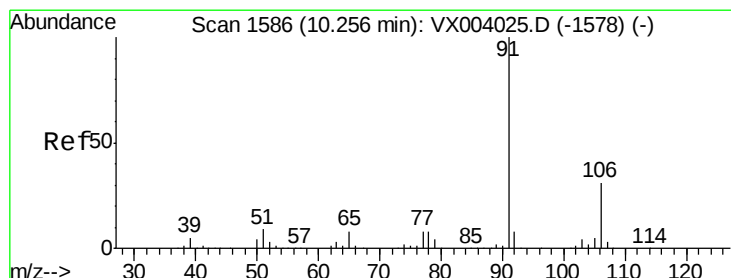
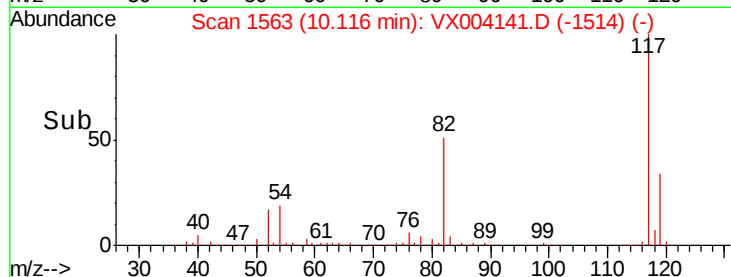
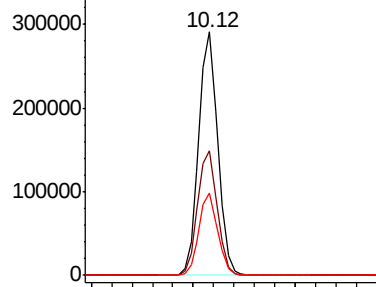
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 374998
Ion Ratio Lower Upper
117 100
82 51.1 45.4 68.0
119 33.7 26.6 40.0

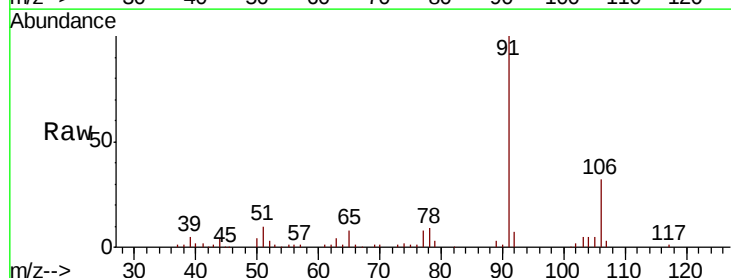


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

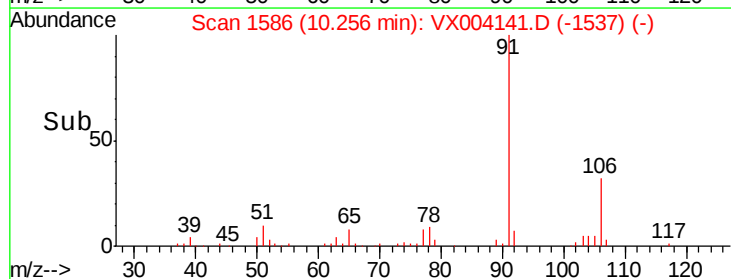
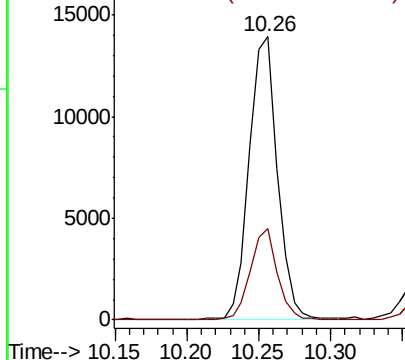


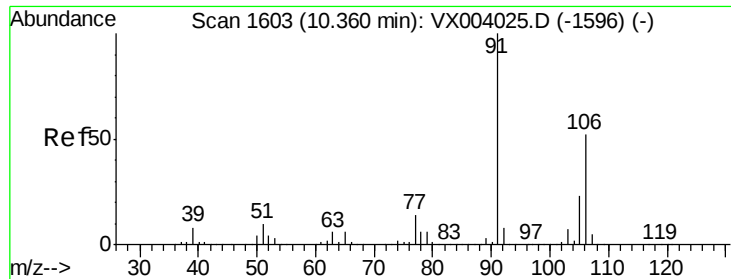
#67
Ethyl Benzene
Concen: 1.24 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion: 91 Resp: 18956
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



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

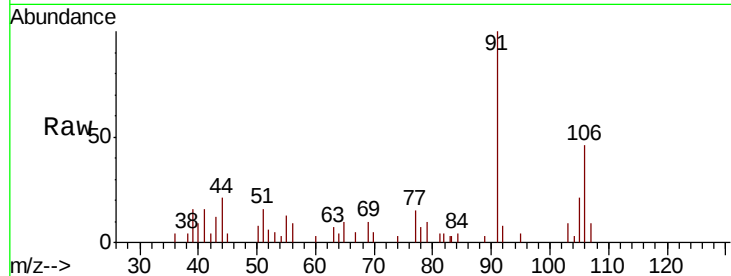




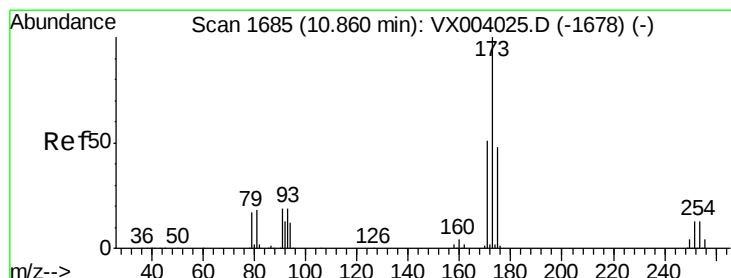
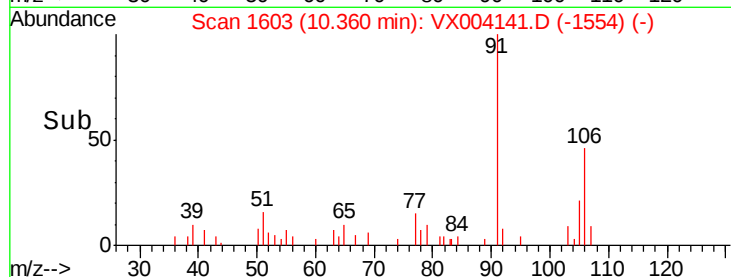
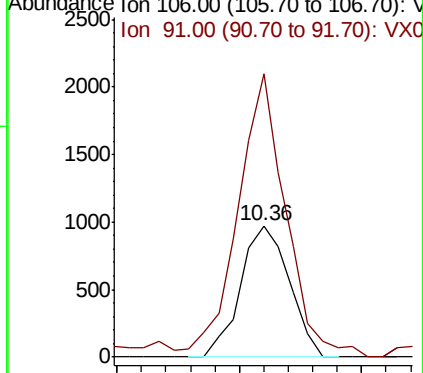
#68
m/p-Xvlenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1347
Ion Ratio Lower Upper
106 100
91 212.9 162.3 243.5

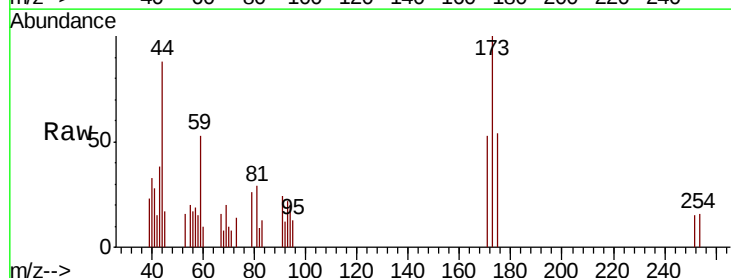


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

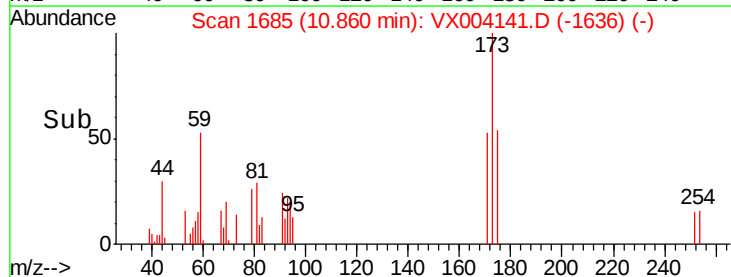
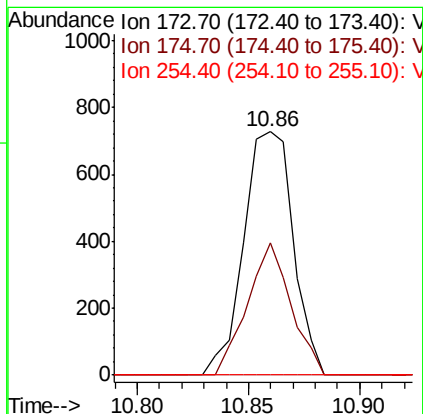


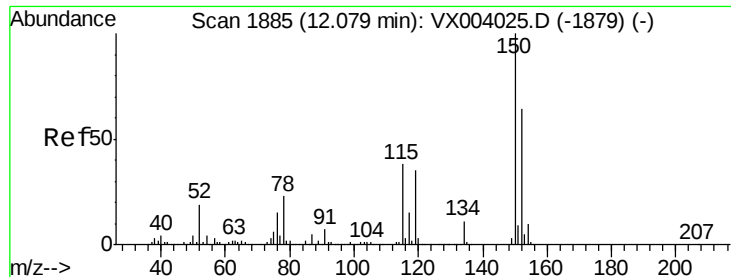
#71
Bromoform
Concen: 0.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion:173 Resp: 1127
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.7
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

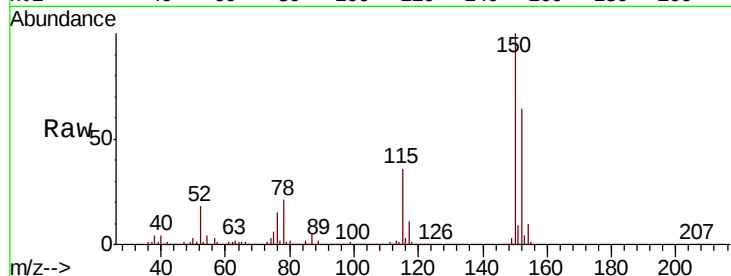
Tot Ion:152 Resp: 216209

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.3

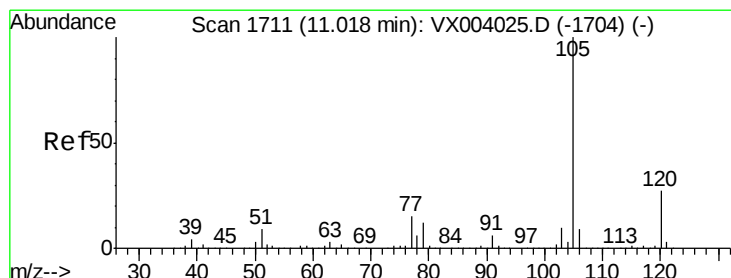
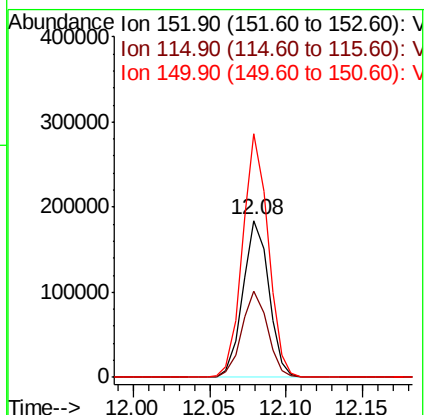
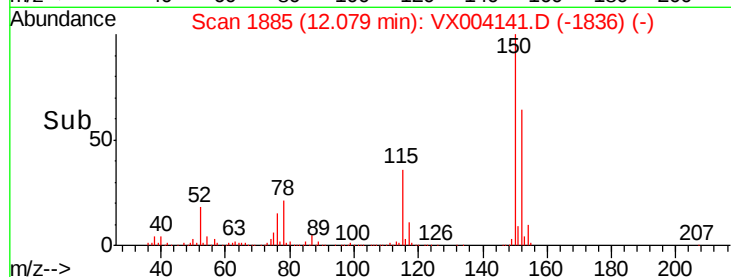
150 153.6 0.0 349.2



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



#73

Isopropylbenzene

Concen: 0.32 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004141.D

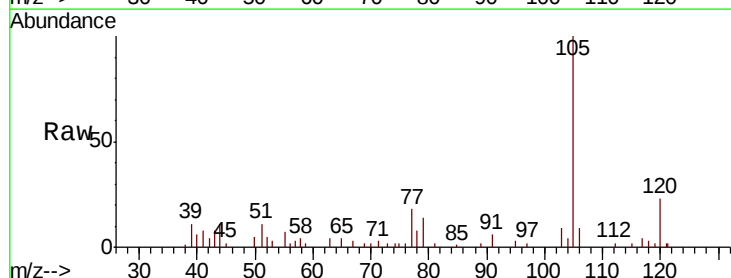
Acq: 17 Aug 2018 19:16

Tgt Ion:105 Resp: 4751

Ion Ratio Lower Upper

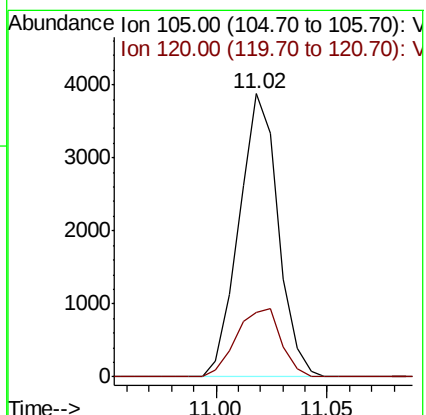
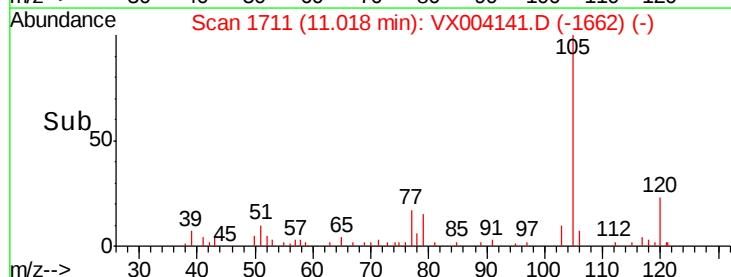
105 100

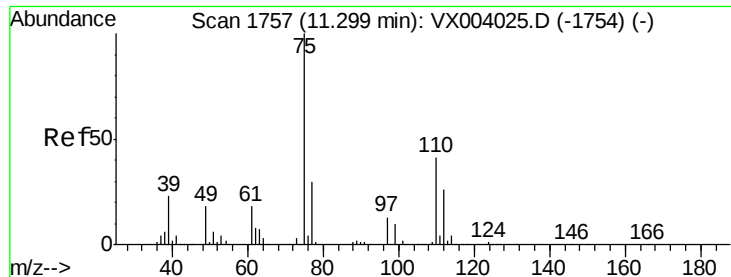
120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

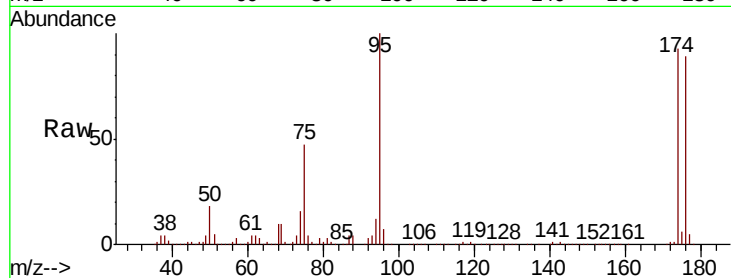
ClientSampleId :

Tot Ion: 75 Resp: 98373

Ion Ratio Lower Upper

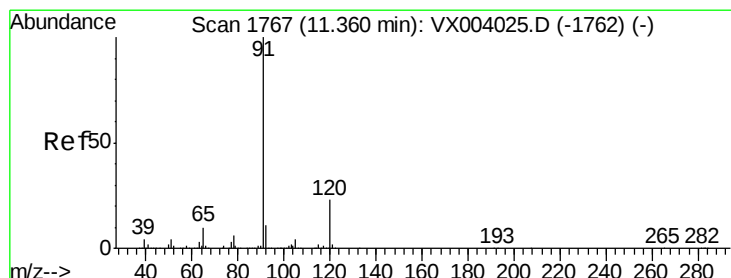
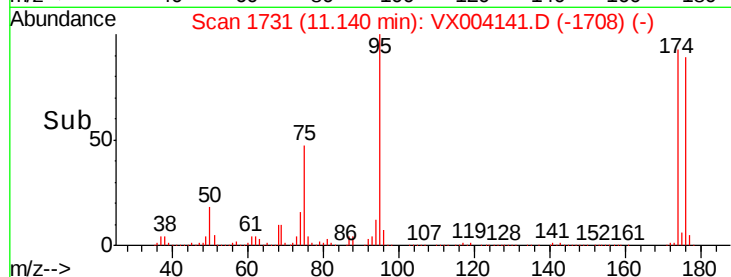
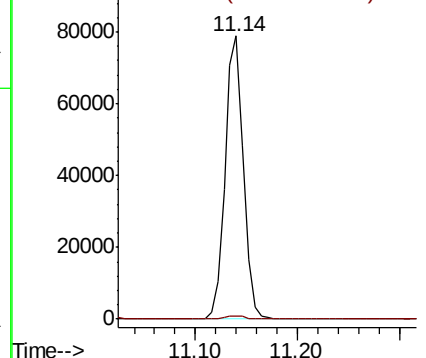
75 100

77 1.6 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.80 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004141.D

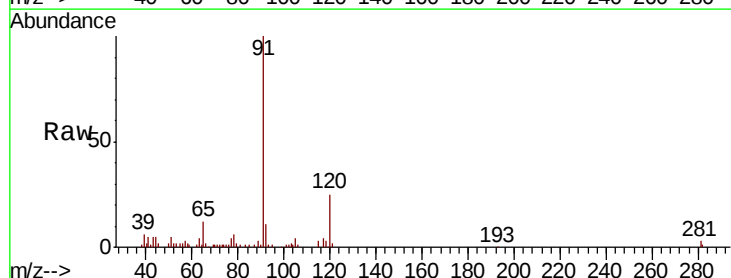
Acq: 17 Aug 2018 19:16

Tgt Ion: 91 Resp: 13179

Ion Ratio Lower Upper

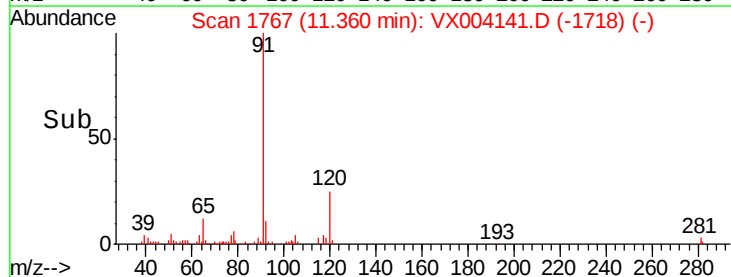
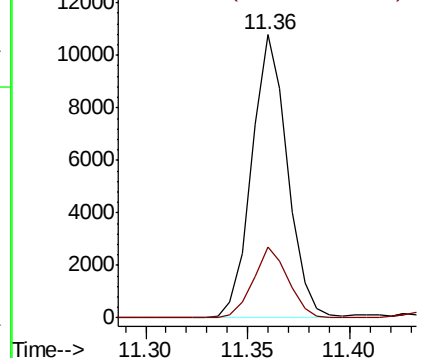
91 100

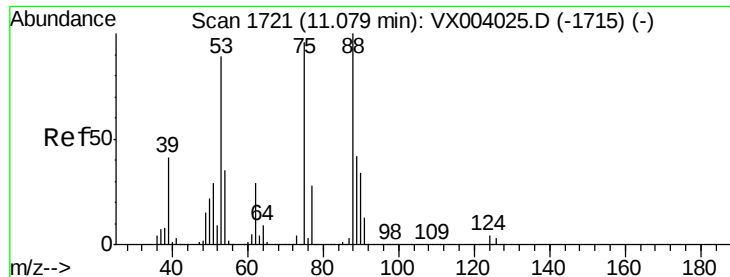
120 24.3 11.9 35.5



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: 70.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004141.D

Acq: 17 Aug 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

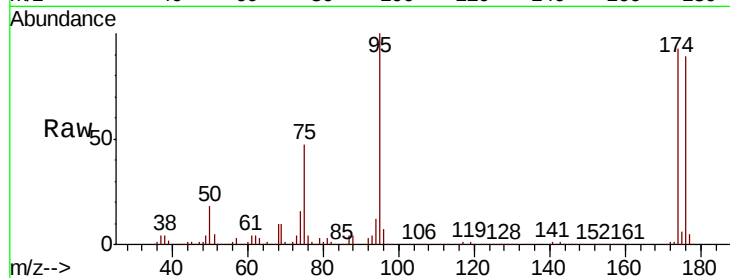
Tot Ion: 75 Resp: 98373

Ion Ratio Lower Upper

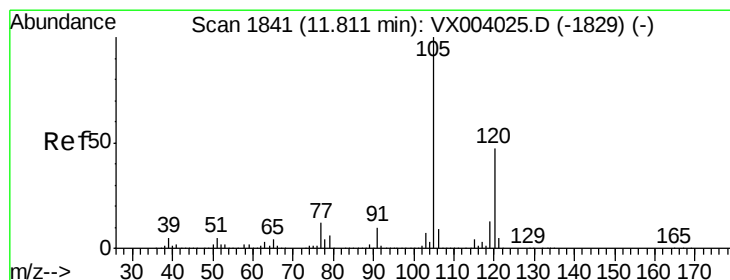
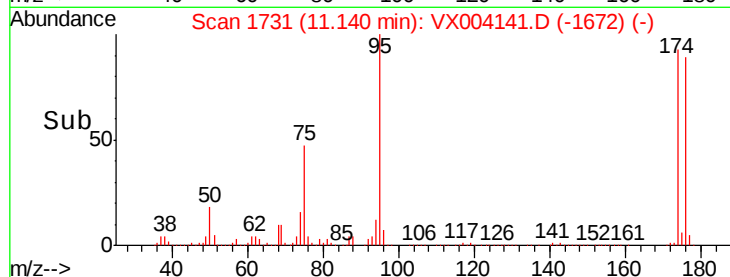
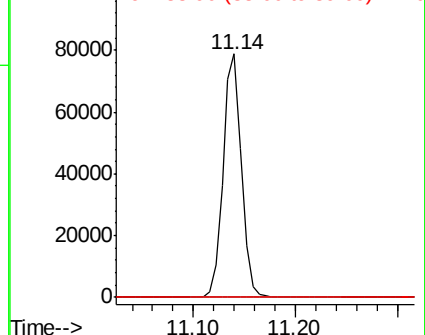
75 100

53 0.3 80.3 120.5#

89 0.0 37.8 56.8#



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: 0.57 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004141.D

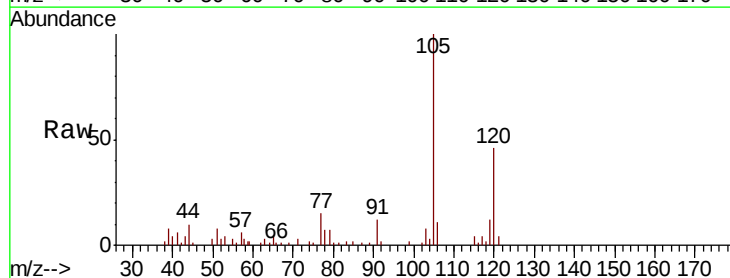
Acq: 17 Aug 2018 19:16

Tgt Ion:105 Resp: 7062

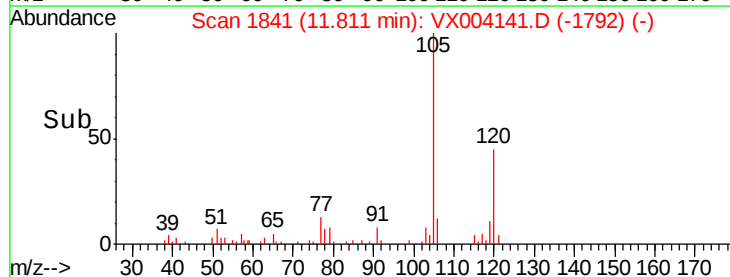
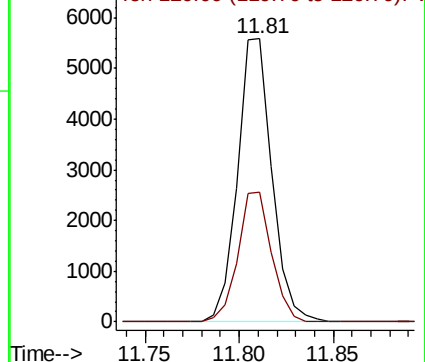
Ion Ratio Lower Upper

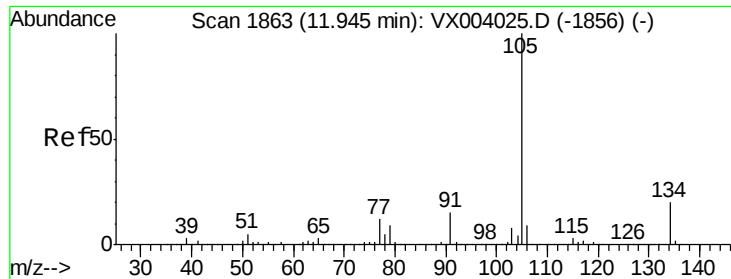
105 100

120 45.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

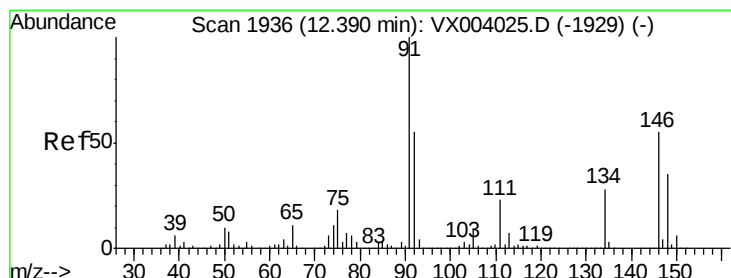
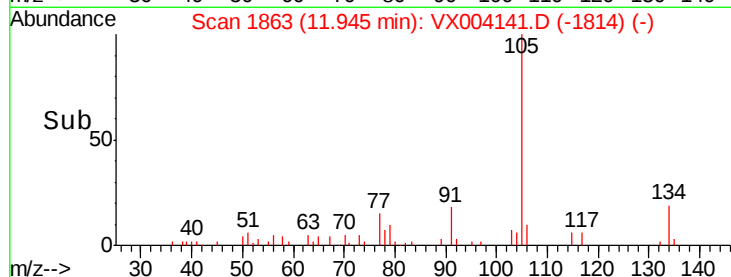
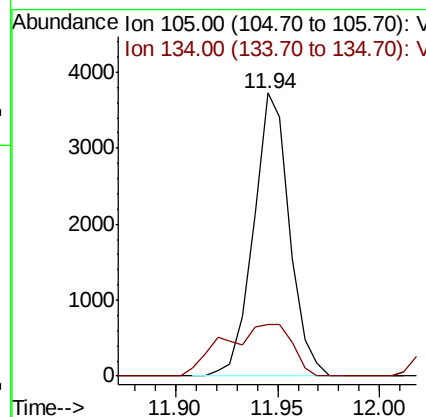
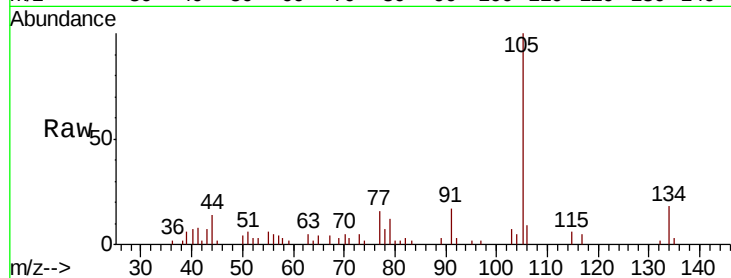




#85
 sec-Butylbenzene
 Concen: 0.32 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

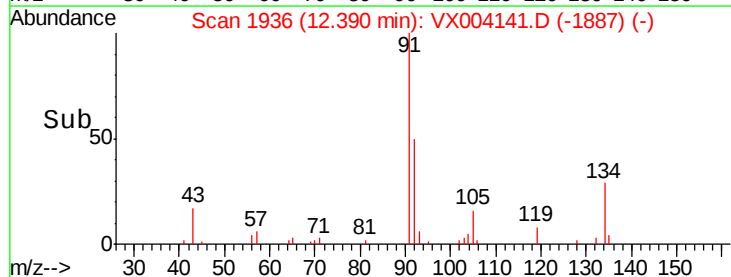
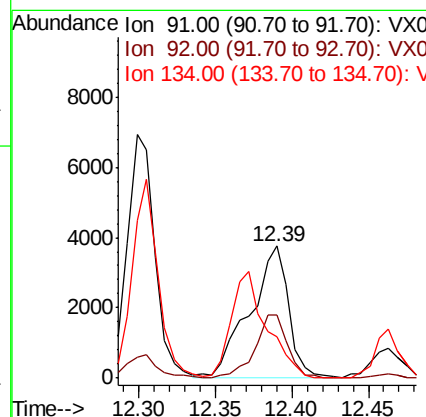
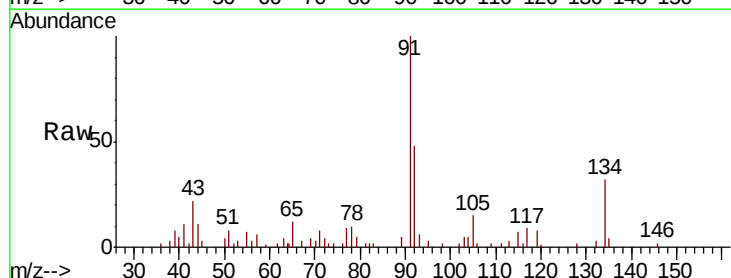
Instrument :
 MSVOA_X
 ClientSampleId :

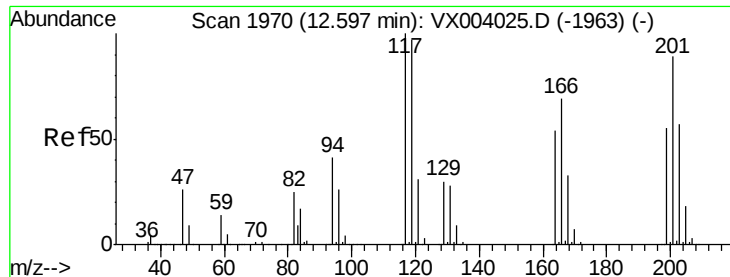
Tot Ion:105 Resp: 4563
 Ion Ratio Lower Upper
 105 100
 134 34.7 10.3 30.9#



#89
 n-Butylbenzene
 Concen: 0.67 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004141.D
 Acq: 17 Aug 2018 19:16

Tgt Ion: 91 Resp: 6723
 Ion Ratio Lower Upper
 91 100
 92 39.6 27.1 81.3
 134 72.6 13.6 40.7#

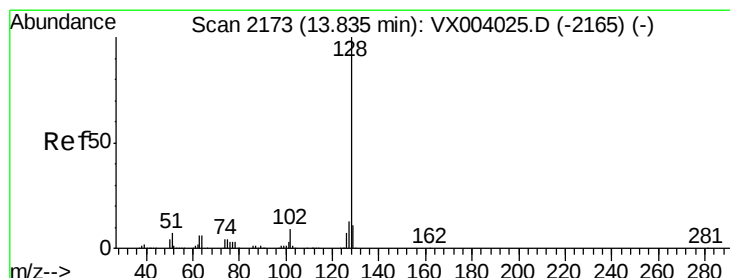
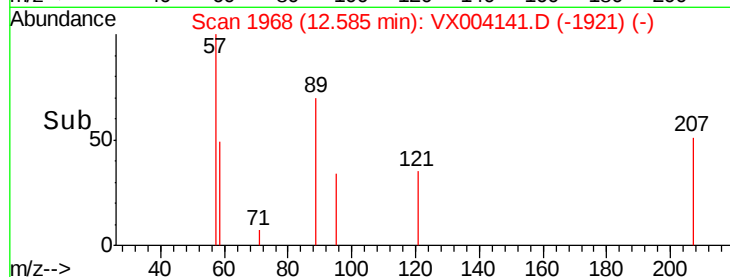
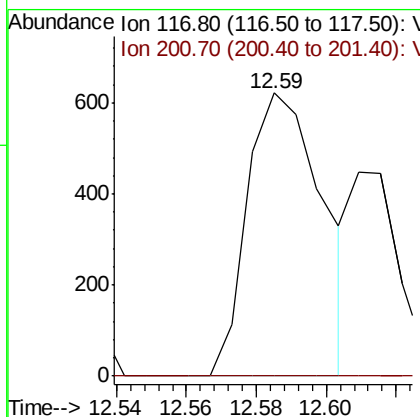
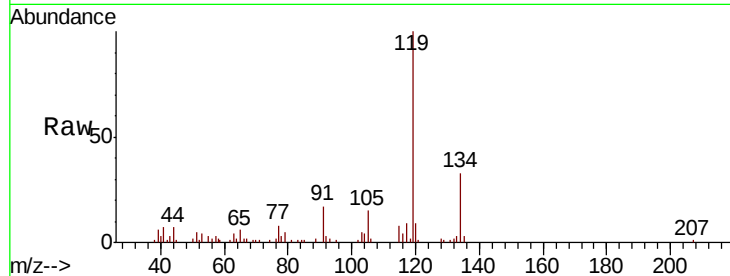




#90
Hexachloroethane
Concen: 0.49 ug/l
RT: 12.59 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 930
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



#95
Naphthalene
Concen: 1.42 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004141.D
Acq: 17 Aug 2018 19:16

Tgt Ion:128 Resp: 4325
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 16.0 8.8 13.2#

