

Data File : VX001854.D
Acq On : 19 May 2018 04:41
Operator : JC/MD
Sample : PB109413ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

Quant Time: May 21 03:20:50 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152084	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	
35) Dibromofluoromethane	5.51	113	135187	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	8.72	98	486397	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	11.14	95	124737	32.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.88%	

Target Compounds			Qvalue			
5) Bromomethane	1.62	94	85	Below Cal	#	1
6) Chloroethane	1.62	64	2227	1.15	ug/l #	43
8) Diethyl Ether	2.19	74	818	0.44	ug/l	97
11) Tert butyl alcohol	3.02	59	603	0.96	ug/l #	72
13) Acrolein	2.29	56	116	0.26	ug/l #	55
16) Acetone	2.45	43	8605	6.21	ug/l	100
18) Methyl Acetate	2.78	43	26428	6.52	ug/l	97
20) Methylene Chloride	2.86	84	5930	2.00	ug/l	98
25) 2-Butanone	4.72	43	2931	1.38	ug/l #	86
29) Tetrahydrofuran	5.18	42	825	0.60	ug/l #	56
31) Cyclohexane	5.67	56	3873	0.87	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14918	3.67	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21422	5.03	ug/l #	16
59) 2-Hexanone	9.51	43	641	0.21	ug/l	75
76) 1,2,3-Trichloropropane	11.14	75	58011	24.65	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	58011	71.90	ug/l #	10

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

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PB109413ZHE#05

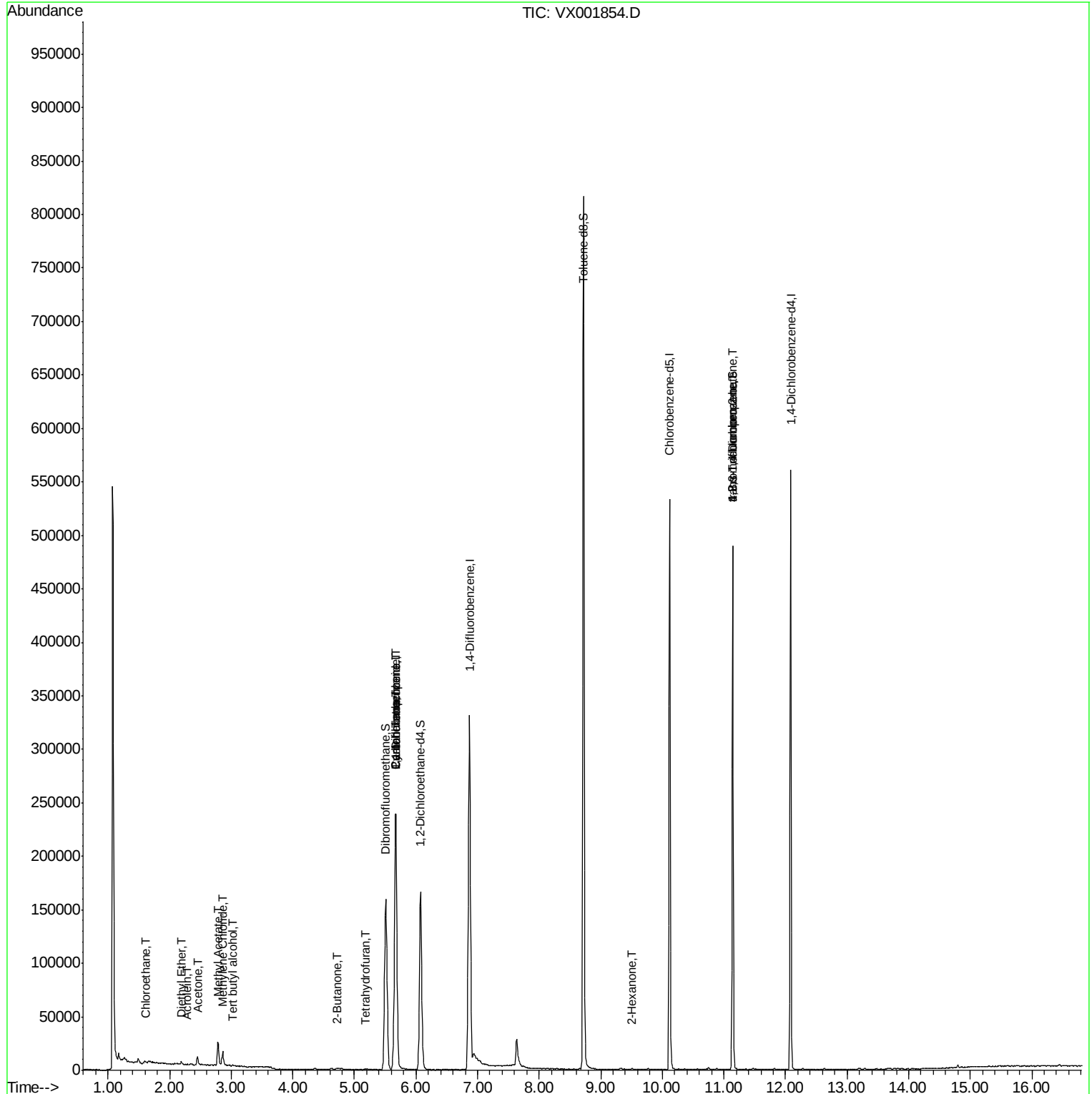
Quant Time: May 21 03:20:50 2018

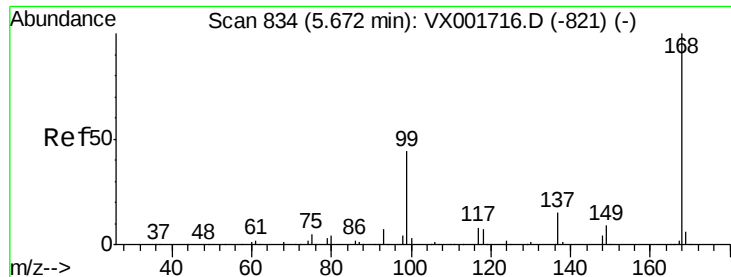
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

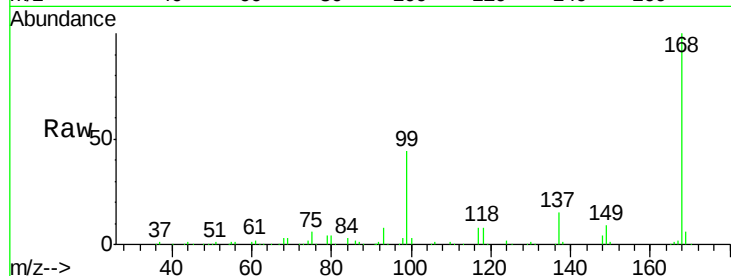
PB109413ZHE#05

Tgt Ion:168 Resp: 263368

Ion Ratio Lower Upper

168 100

99 43.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

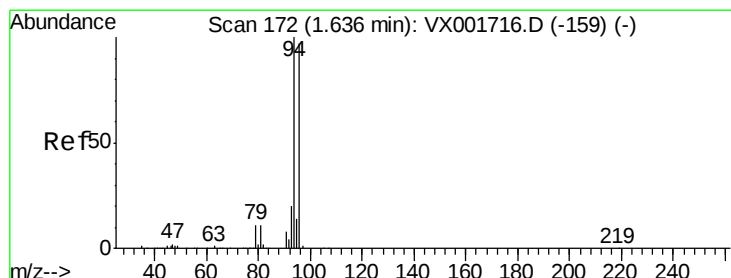
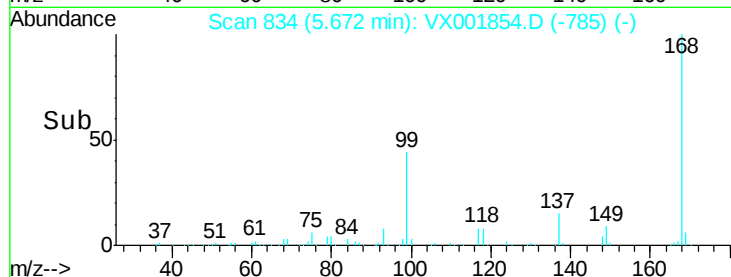
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX001854.D

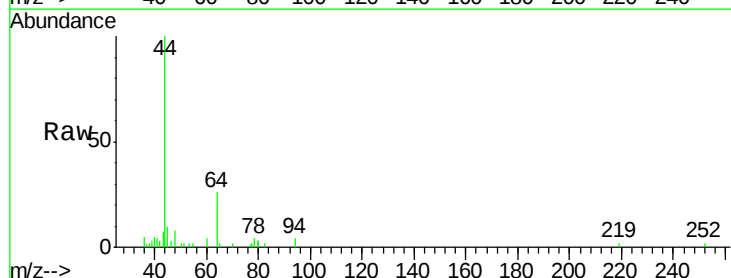
Acq: 19 May 2018 04:41

Tgt Ion: 94 Resp: 85

Ion Ratio Lower Upper

94 100

96 0.0 77.4 116.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

150

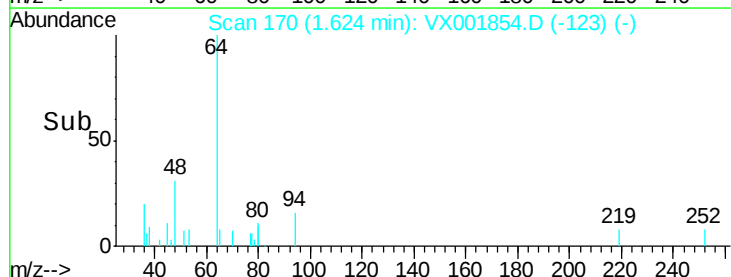
100

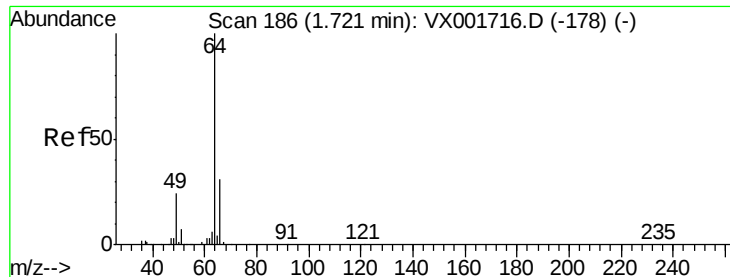
50

0

Time-->

1.61 1.62 1.63





#6

Chloroethane

Concen: 1.15 ug/l

RT: 1.62 min Scan# 170

Delta R.T. -0.10 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

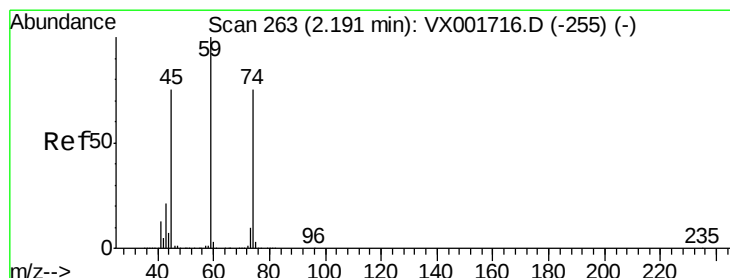
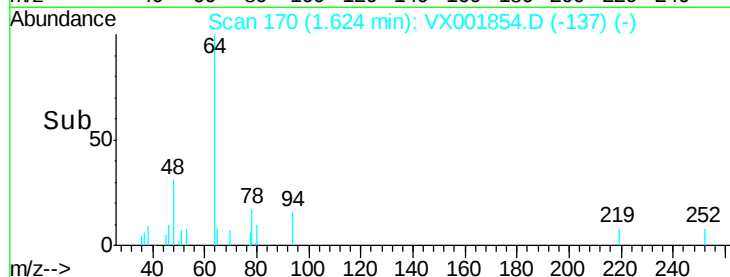
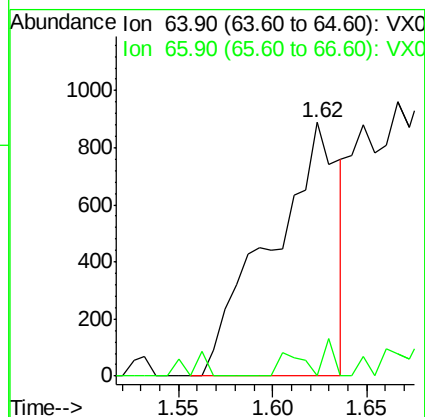
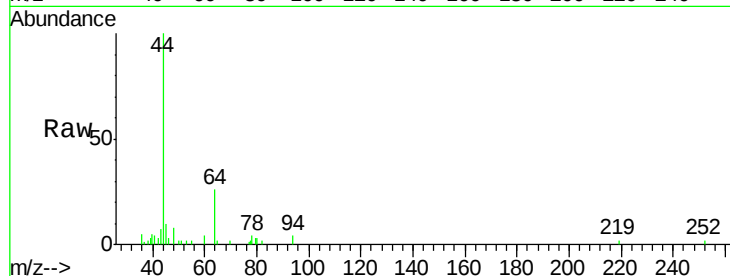
PB109413ZHE#05

Tgt Ion: 64 Resp: 2227

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#8

Diethyl Ether

Concen: 0.44 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001854.D

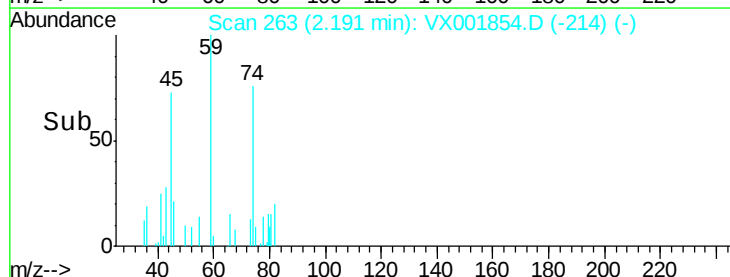
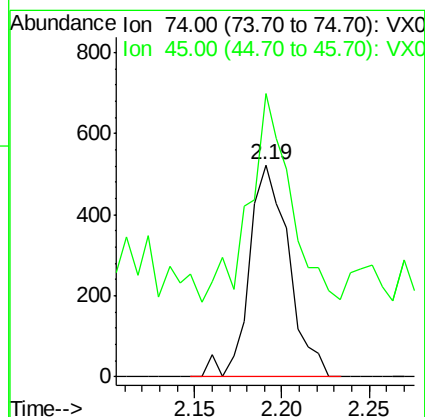
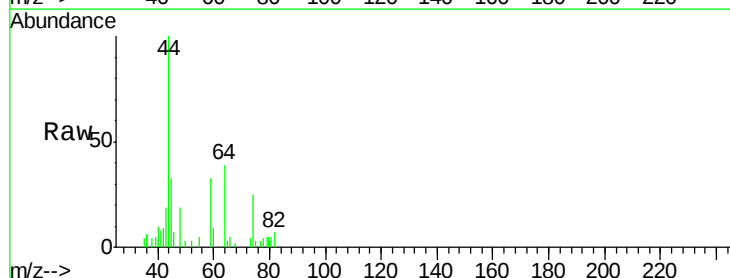
Acq: 19 May 2018 04:41

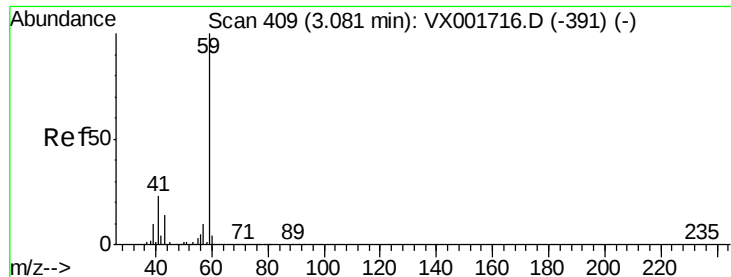
Tgt Ion: 74 Resp: 818

Ion Ratio Lower Upper

74 100

45 102.6 50.0 149.8

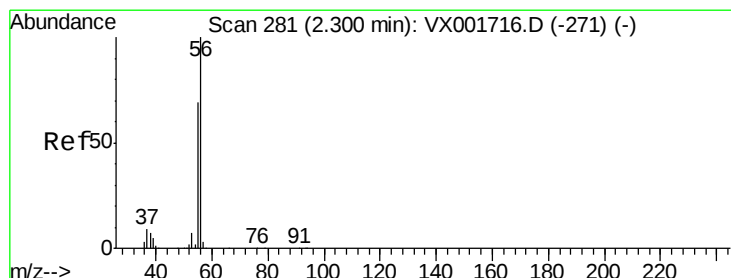
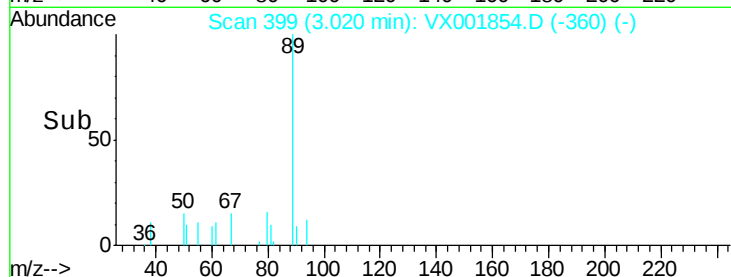
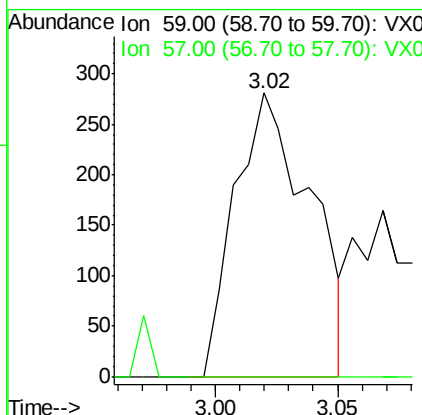
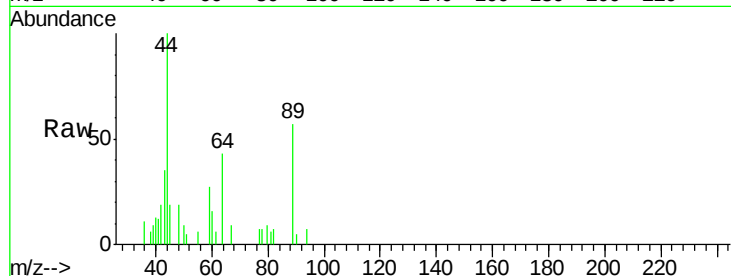




#11
Tert butyl alcohol
Concen: 0.96 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

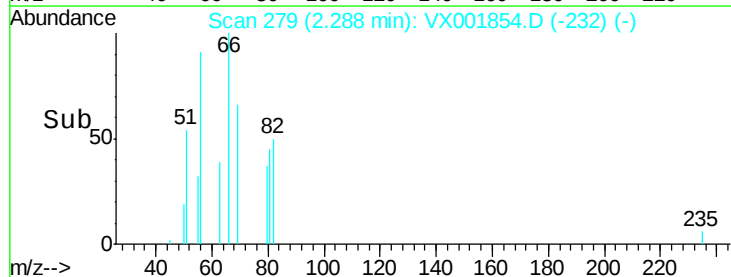
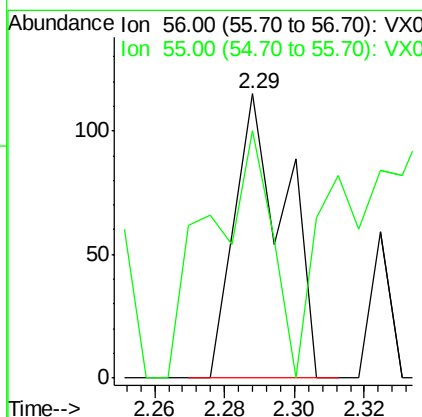
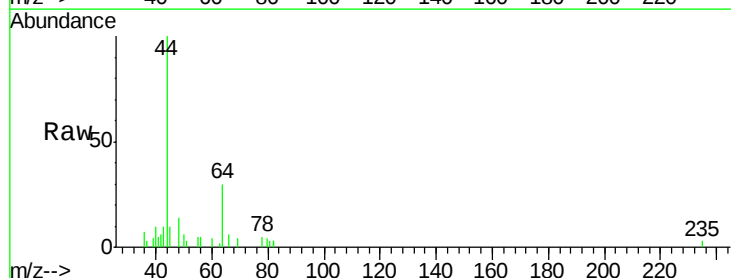
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

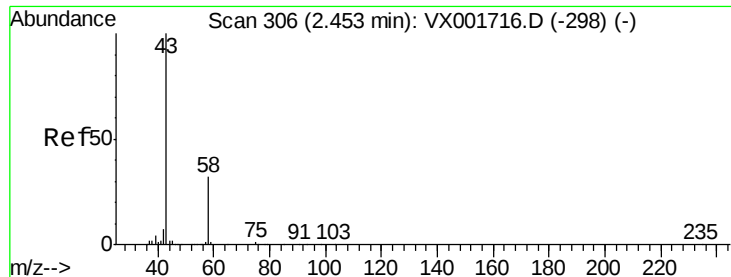
Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.26 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 106.9 56.2 84.2#





#16

Acetone

Concen: 6.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

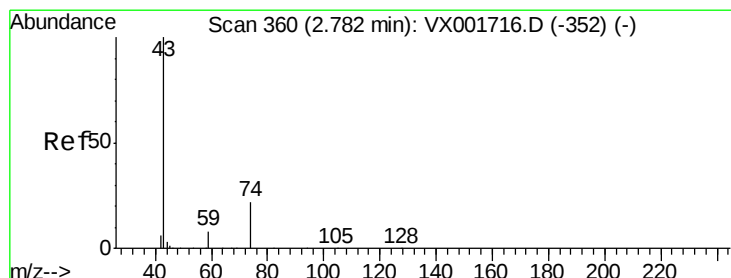
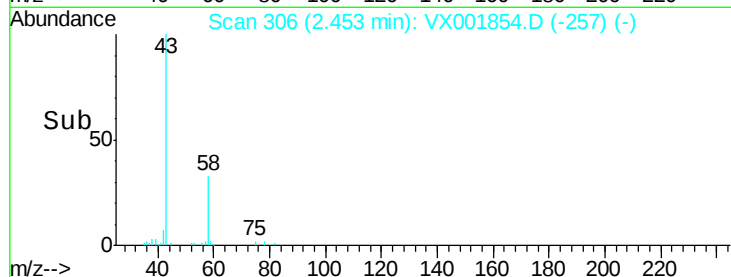
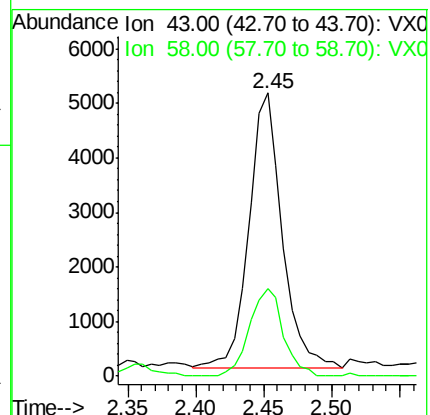
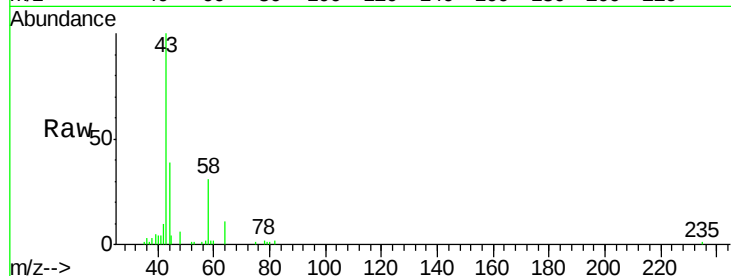
PB109413ZHE#05

Tgt Ion: 43 Resp: 8605

Ion Ratio Lower Upper

43 100

58 31.7 25.3 37.9



#18

Methyl Acetate

Concen: 6.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001854.D

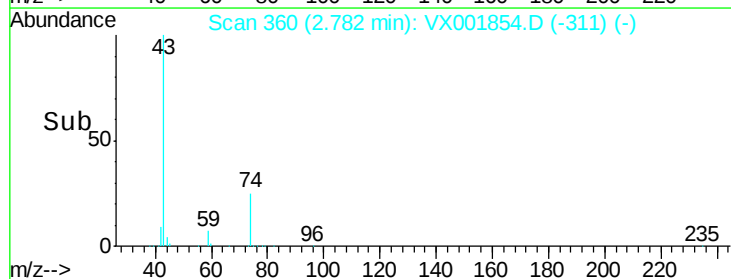
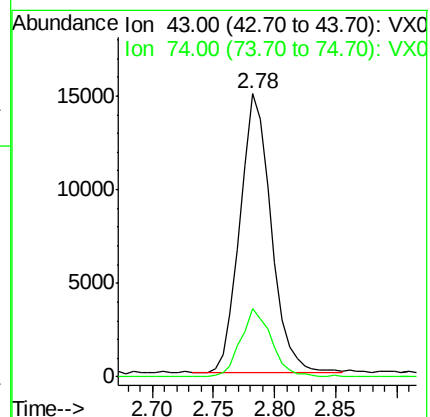
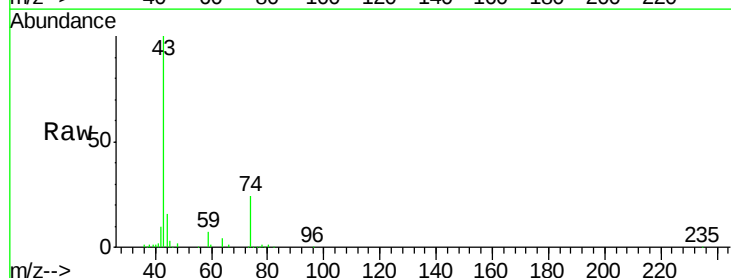
Acq: 19 May 2018 04:41

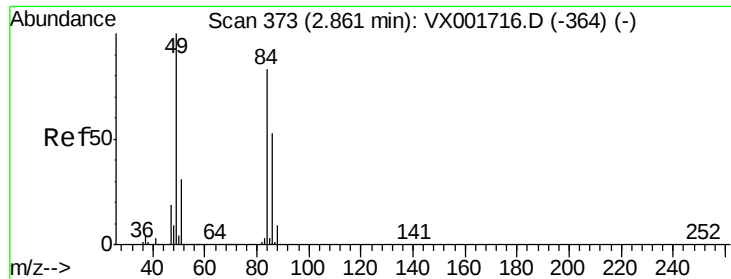
Tgt Ion: 43 Resp: 26428

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.2

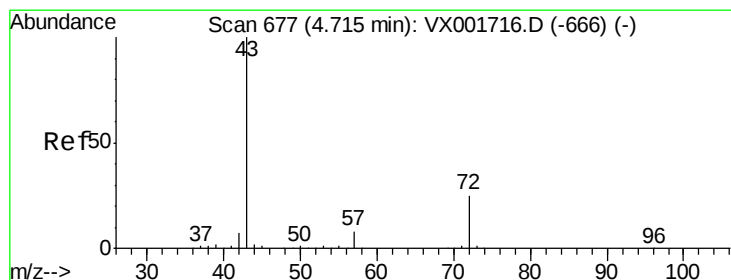
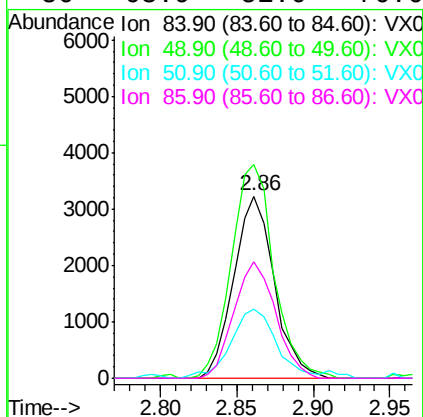
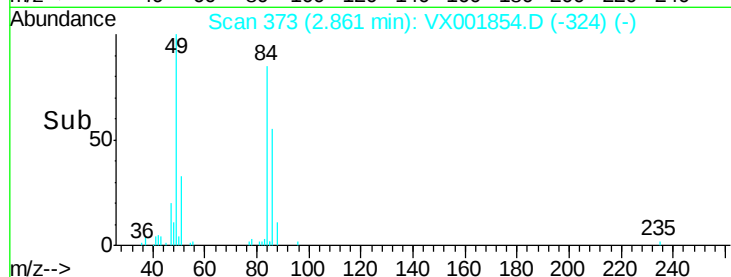
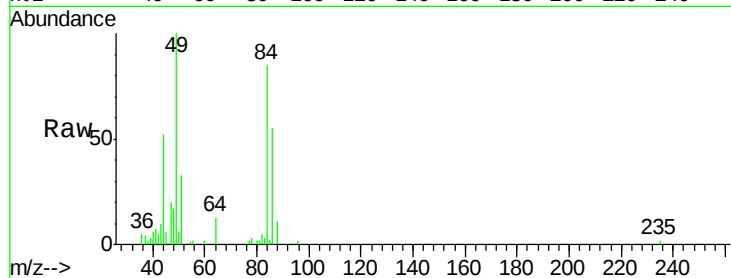




#20
Methylene Chloride
Concen: 2.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

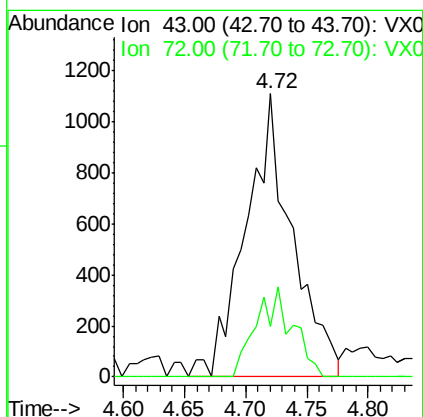
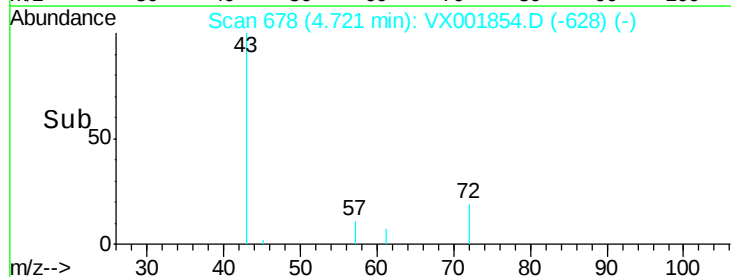
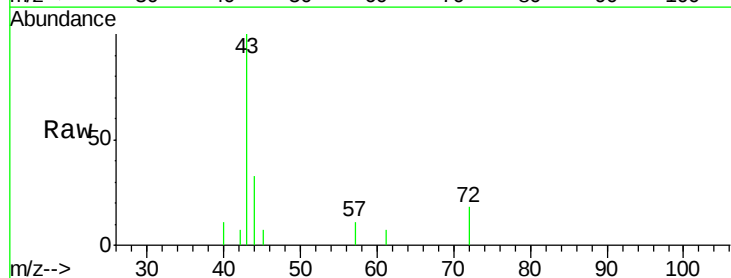
Instrument :
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PB109413ZHE#05

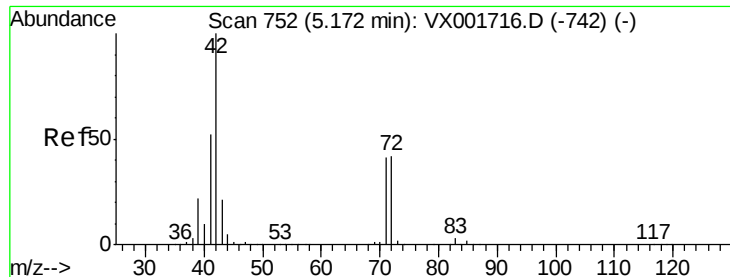
Tgt Ion:	84	Resp:	5930
Ion	Ratio	Lower	Upper
84	100		
49	117.2	96.3	144.5
51	36.5	29.8	44.6
86	63.9	51.0	76.6



#25
2-Butanone
Concen: 1.38 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion:	43	Resp:	2931
Ion	Ratio	Lower	Upper
43	100		
72	17.9	19.8	29.6#

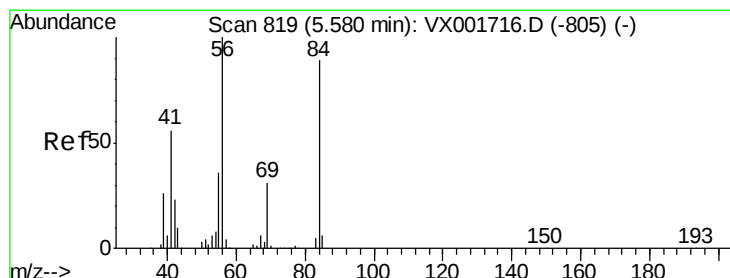
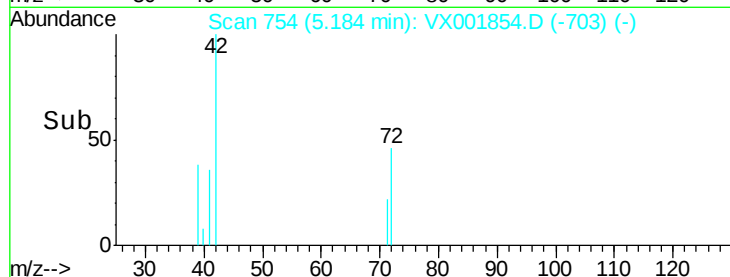
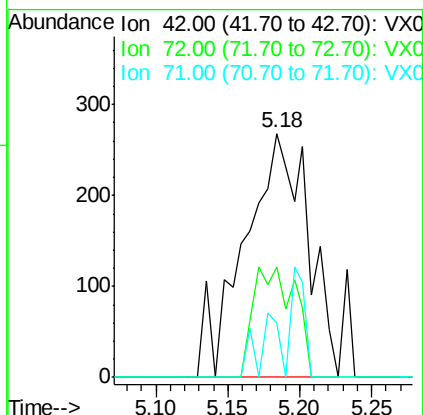
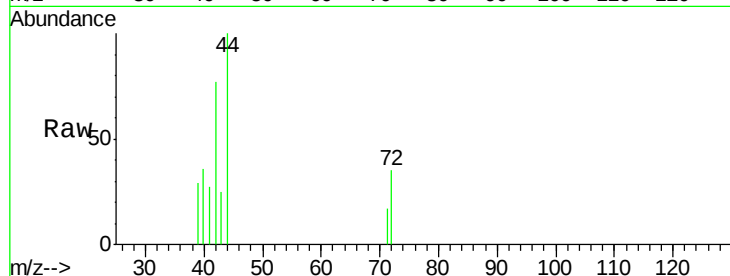




#29
Tetrahydrofuran
Concen: 0.60 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

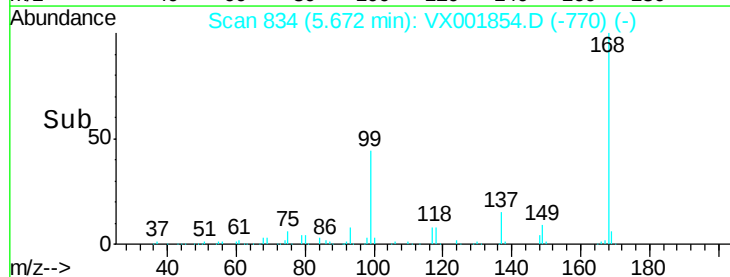
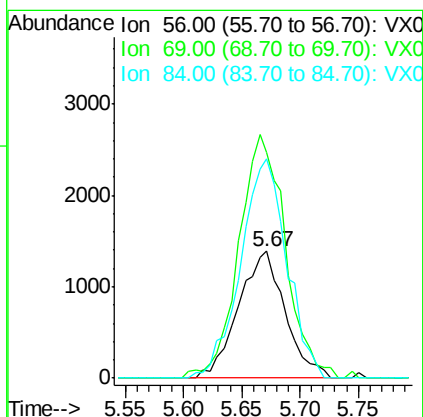
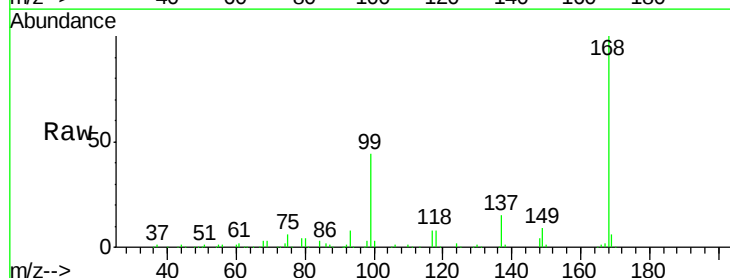
Instrument :
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PB109413ZHE#05

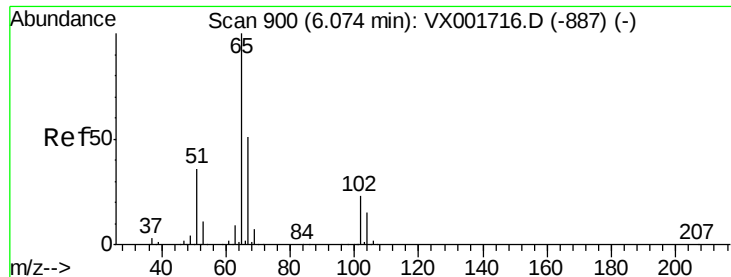
Tgt Ion: 42 Resp: 825
Ion Ratio Lower Upper
42 100
72 29.6 35.4 53.2#
71 0.0 33.2 49.8#



#31
Cyclohexane
Concen: 0.87 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 56 Resp: 3873
Ion Ratio Lower Upper
56 100
69 177.6 25.0 37.6#
84 173.1 71.0 106.4#

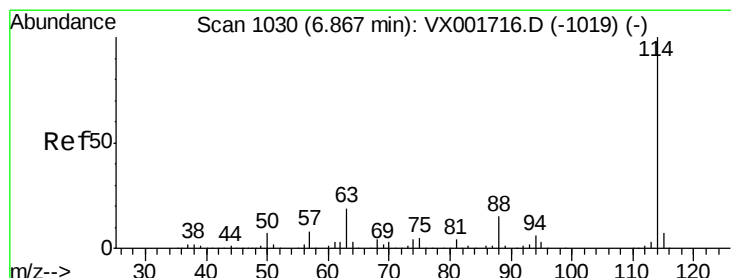
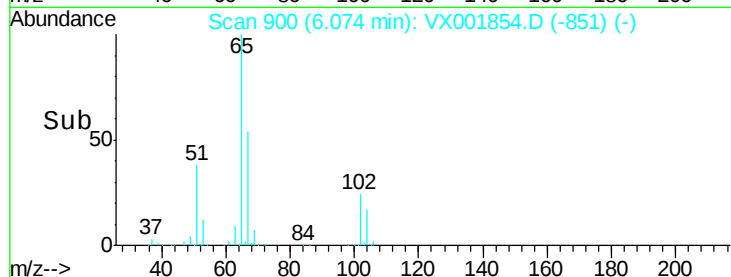
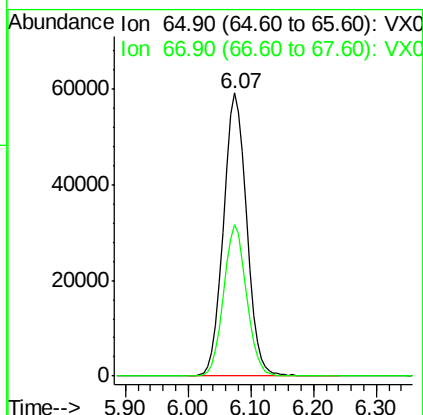
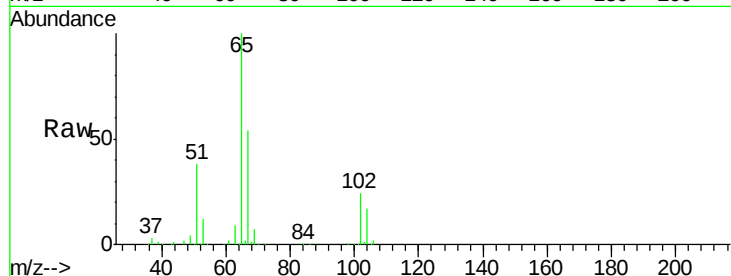




#33
 1,2-Dichloroethane-d4
 Concen: 43.08 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

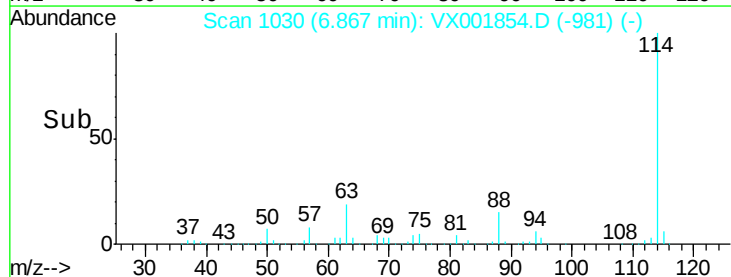
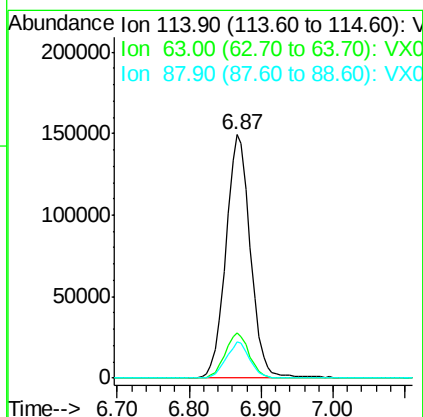
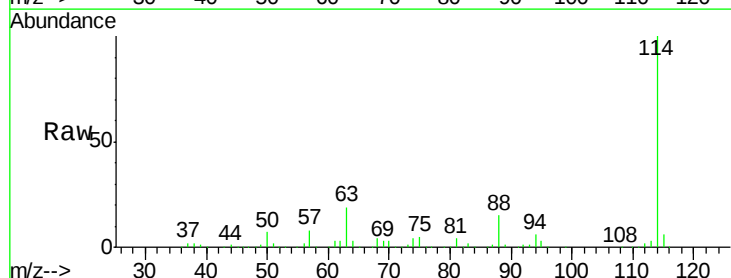
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#05

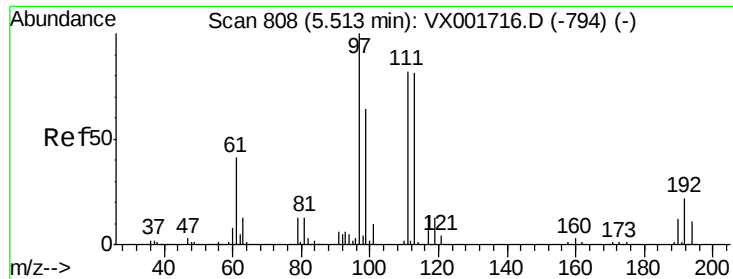
Tgt Ion: 65 Resp: 152084
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Tgt Ion: 114 Resp: 353332
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 15.1 0.0 29.8

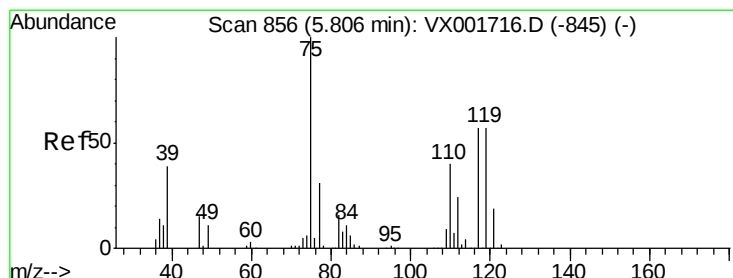
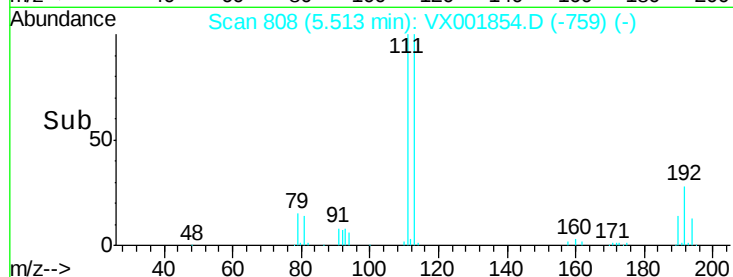
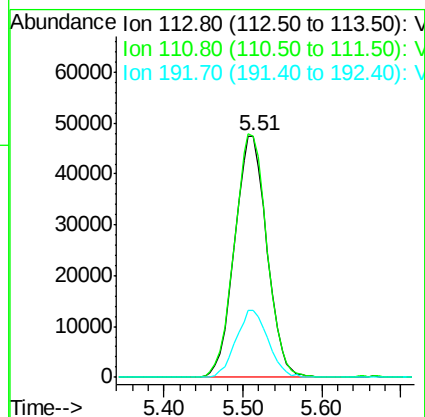
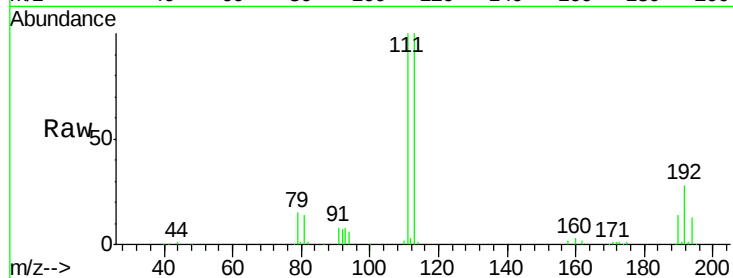




#35
 Dibromofluoromethane
 Concen: 45.34 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

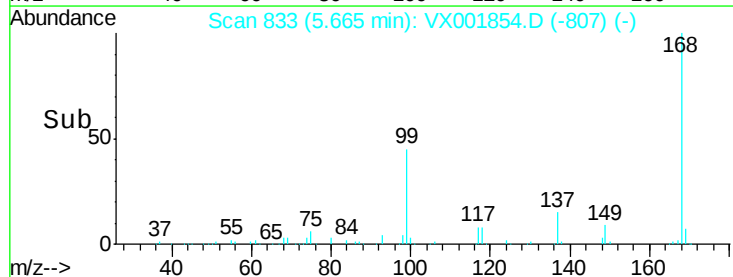
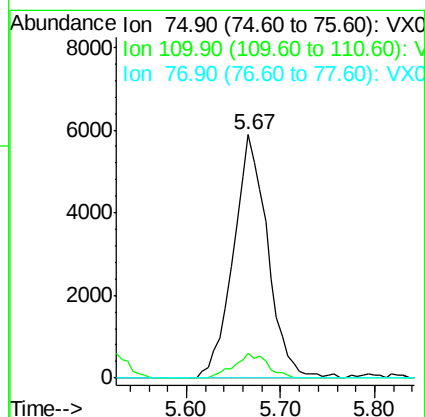
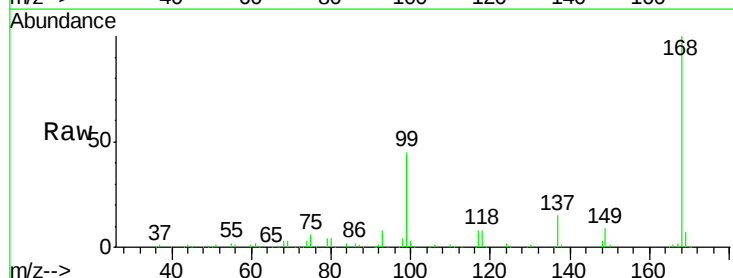
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#05

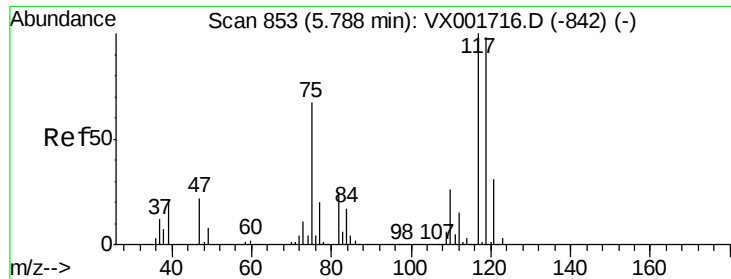
Tgt Ion:113 Resp: 135187
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 27.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.67 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Tgt Ion: 75 Resp: 14918
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.1#
 77 0.0 24.6 37.0#

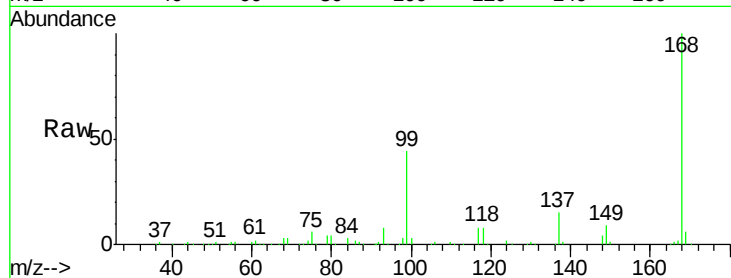




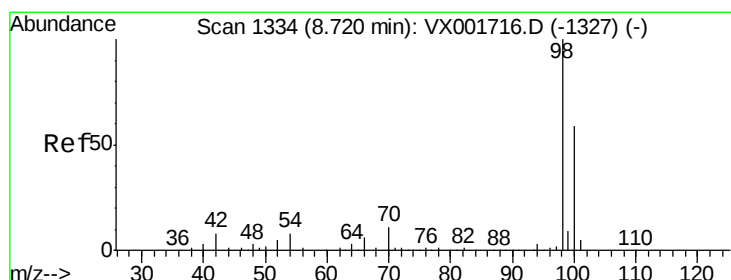
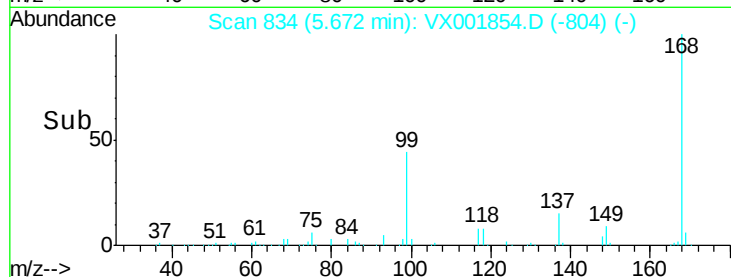
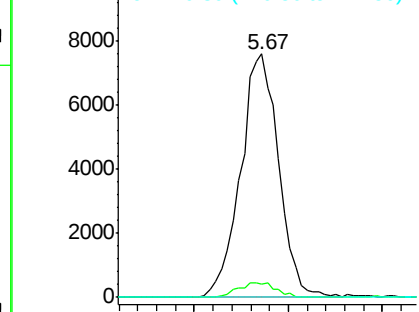
#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

Tgt Ion: 117 Resp: 21422
Ion Ratio Lower Upper
117 100
119 5.2 77.6 116.4#
121 0.0 24.6 36.8#

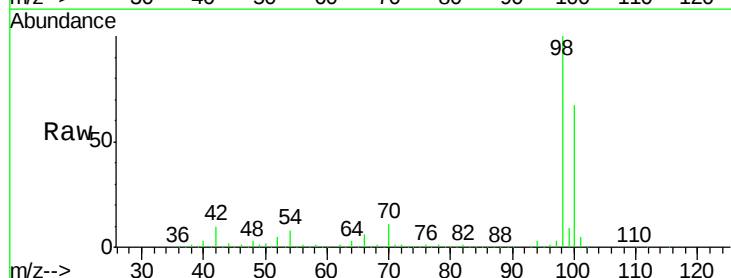


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

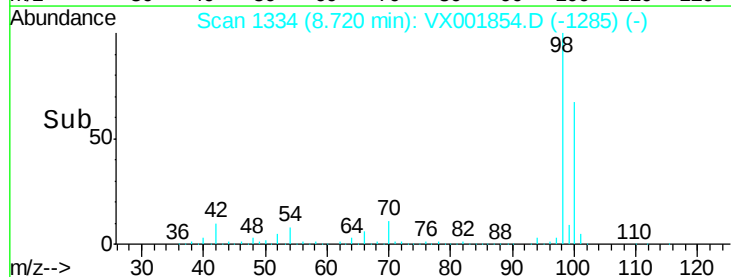
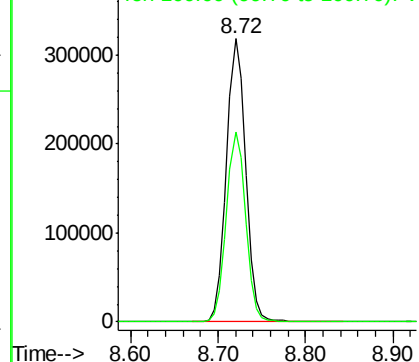


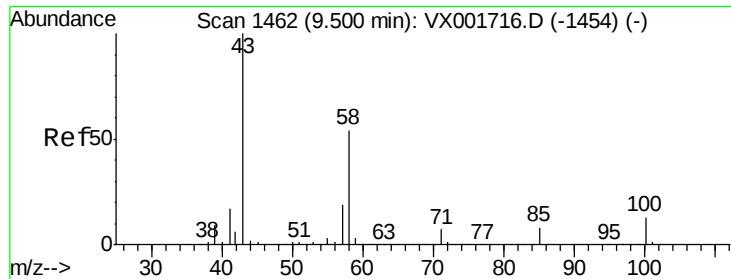
#50
Toluene-d8
Concen: 45.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 98 Resp: 486397
Ion Ratio Lower Upper
98 100
100 67.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

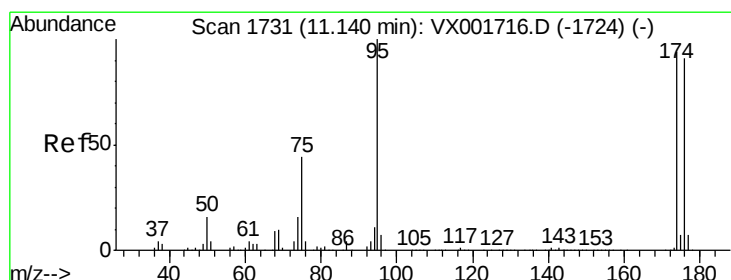
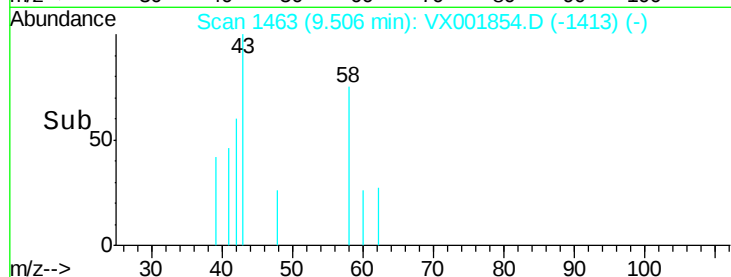
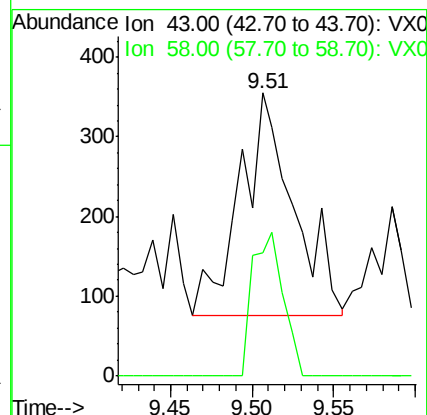
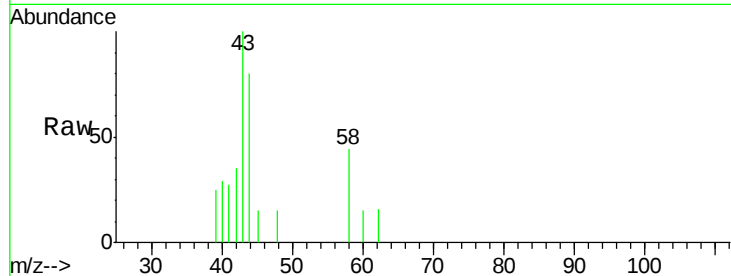




#59
2-Hexanone
Concen: 0.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

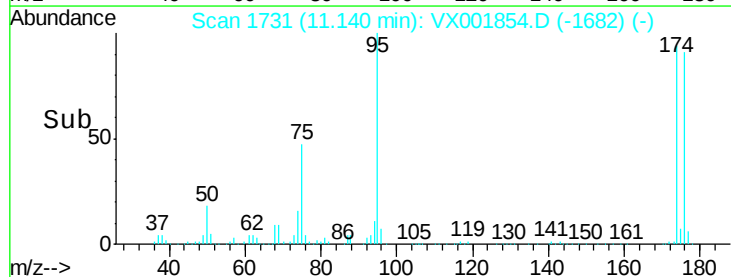
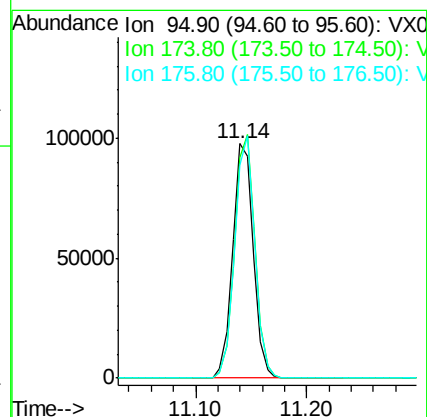
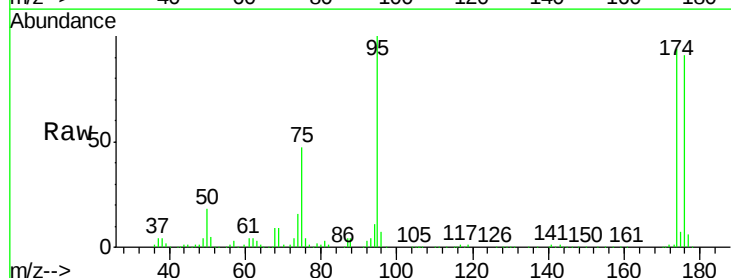
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

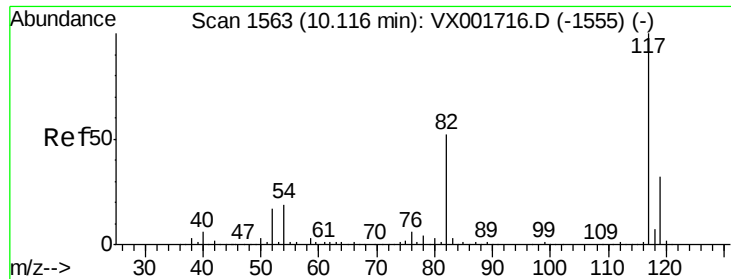
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 37.0 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 32.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 95 Resp: 124737
Ion Ratio Lower Upper
95 100
174 102.5 0.0 201.8
176 100.8 0.0 196.8

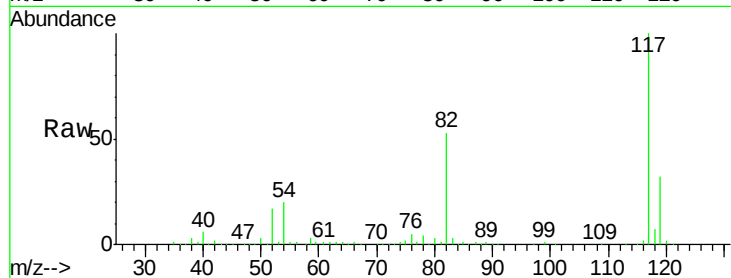




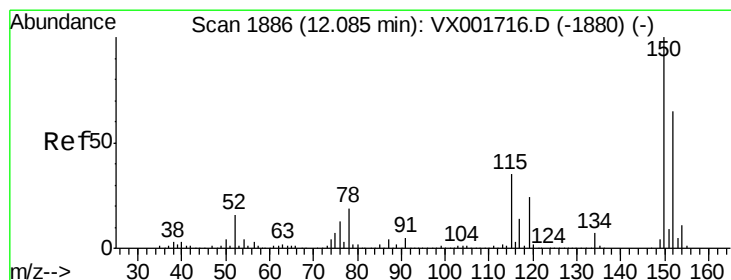
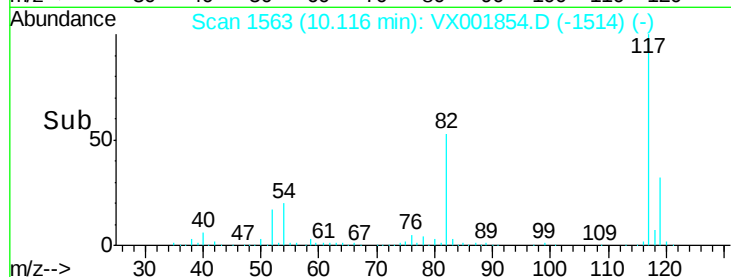
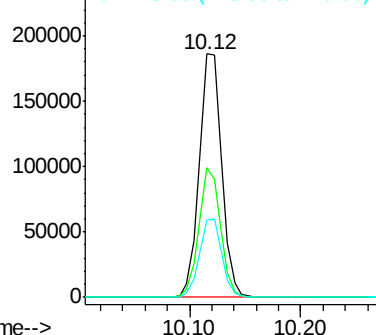
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#05

Tgt Ion:117 Resp: 260603
 Ion Ratio Lower Upper
 117 100
 82 53.0 41.4 62.2
 119 31.5 25.6 38.4

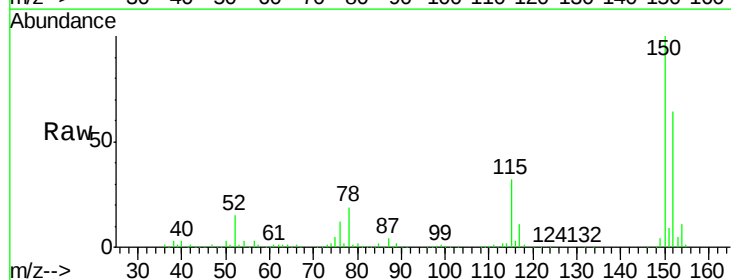


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

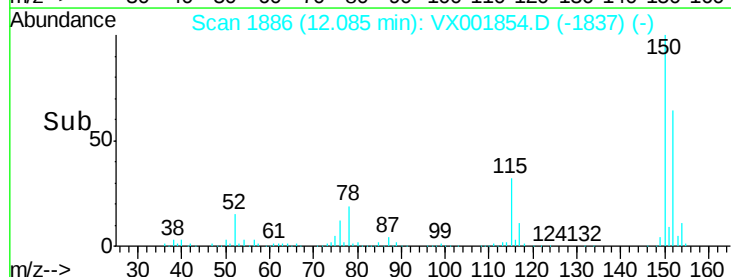
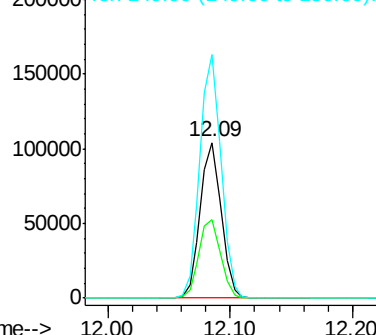


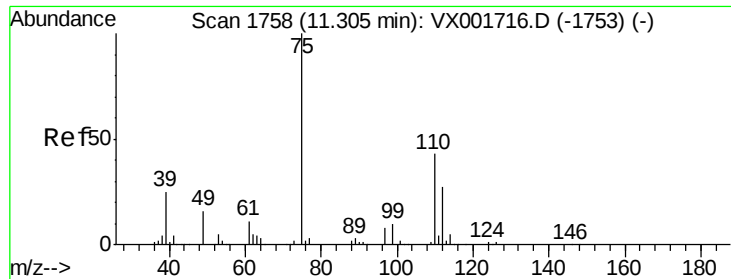
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Tgt Ion:152 Resp: 123777
 Ion Ratio Lower Upper
 152 100
 115 52.3 37.4 112.2
 150 157.7 0.0 344.8



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

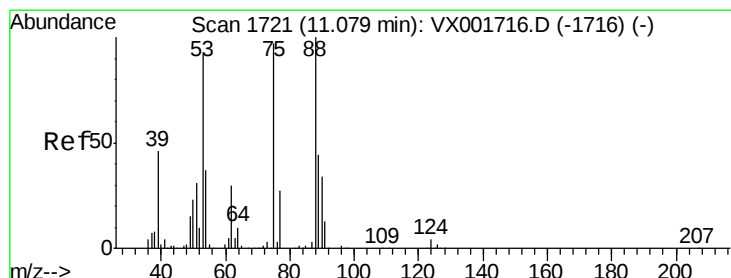
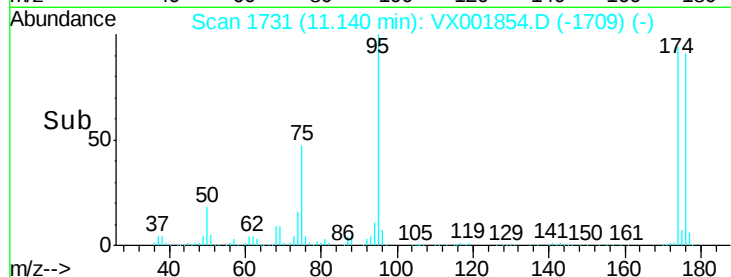
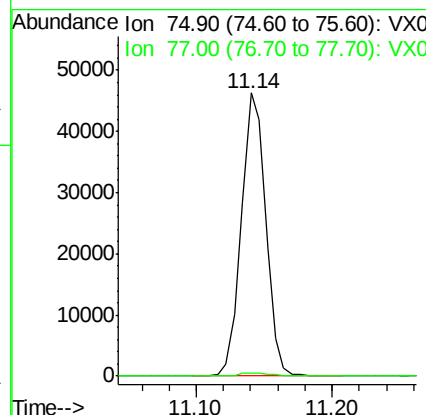
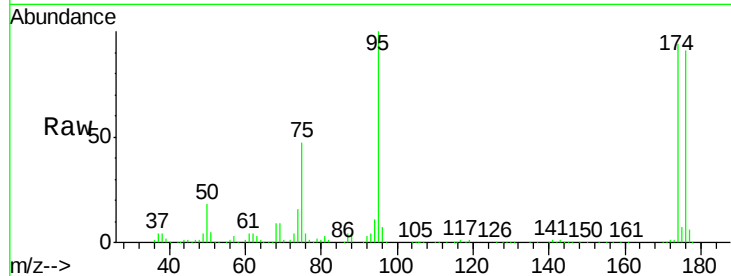




#76
 1,2,3-Trichloropropane
 Concen: 24.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#05

Tgt Ion: 75 Resp: 58011
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.90 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001854.D
 Acq: 19 May 2018 04:41

Tgt Ion: 75 Resp: 58011
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.2#
 89 0.0 38.8 58.2#

