

Data File : VX001676.D
Acq On : 12 May 2018 19:22
Operator : JC/MD
Sample : J2885-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z4TB01-180508

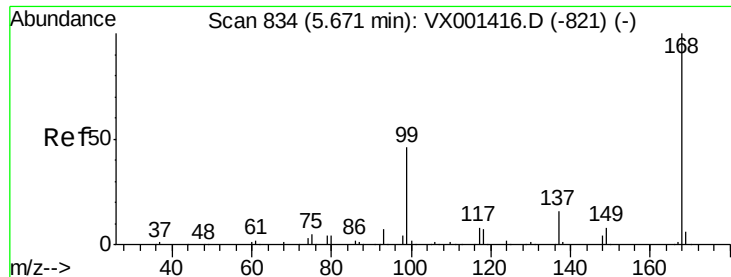
Quant Time: May 14 06:03:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162068	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209697	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
35) Dibromofluoromethane	5.51	113	169644	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	8.72	98	592931	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	187584	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	

Target Compounds			Qvalue			
5) Bromomethane	1.65	94	849	Below Cal	#	69
11) Tert butyl alcohol	3.07	59	405	0.51 ug/l	#	72
13) Acrolein	2.28	56	24	Below Cal	#	1
16) Acetone	2.45	43	6253	3.66 ug/l	#	89
20) Methylene Chloride	2.86	84	1179	0.35 ug/l	#	85
29) Tetrahydrofuran	5.20	42	634	0.40 ug/l	#	81
31) Cyclohexane	5.67	56	4607	0.95 ug/l	#	7
36) 1,1-Dichloropropene	5.67	75	16205	3.60 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22859	4.77 ug/l	#	16
54) cis-1,3-Dichloropropene	9.05	75	21	2.27 ug/l	#	34
76) 1,2,3-Trichloropropane	11.14	75	92215	28.05 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	92215	86.07 ug/l	#	7

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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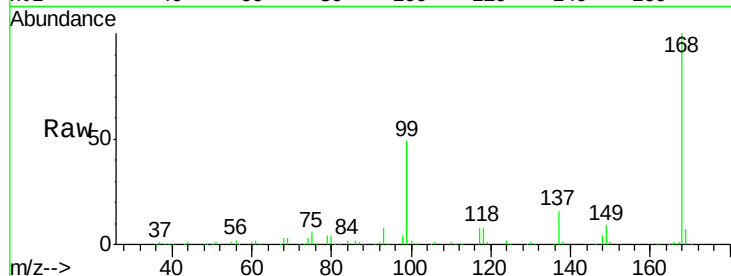
Z4TB01-180508

Tgt Ion: 168 Resp: 261836

Ion Ratio Lower Upper

168 100

99 48.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

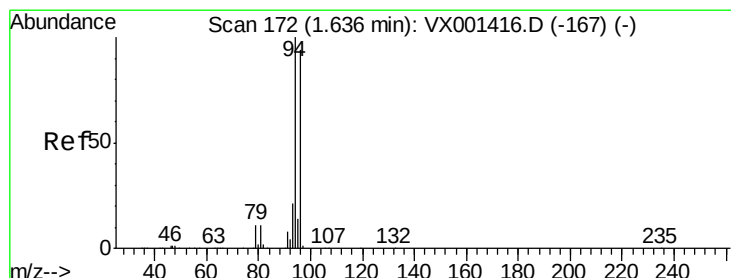
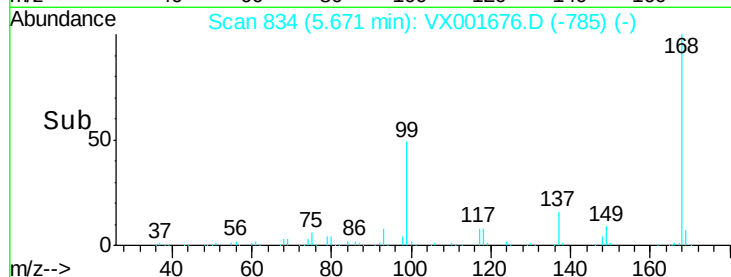
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001676.D

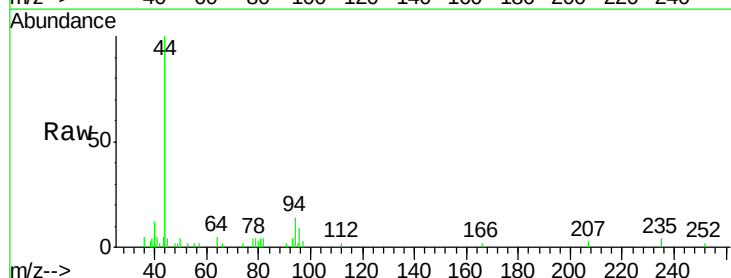
Acq: 12 May 2018 19:22

Tgt Ion: 94 Resp: 849

Ion Ratio Lower Upper

94 100

96 63.7 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

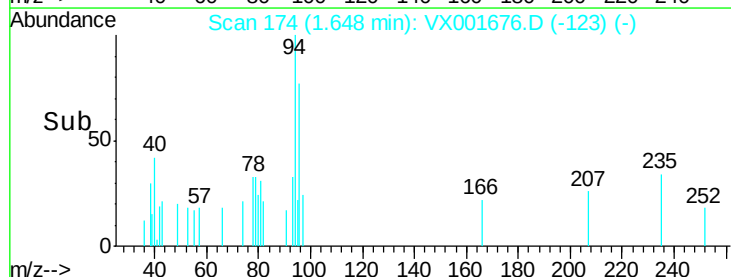
300

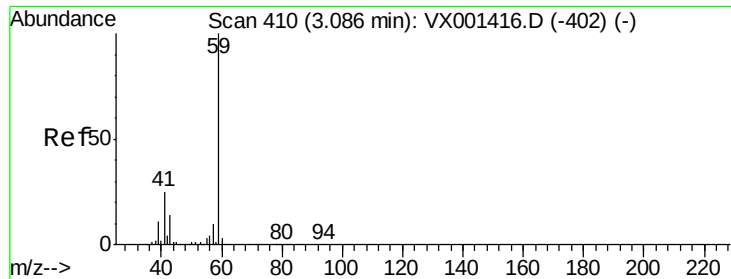
200

100

0

Time--> 1.60 1.65 1.70

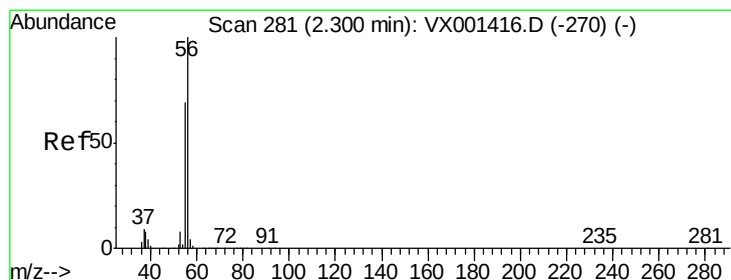
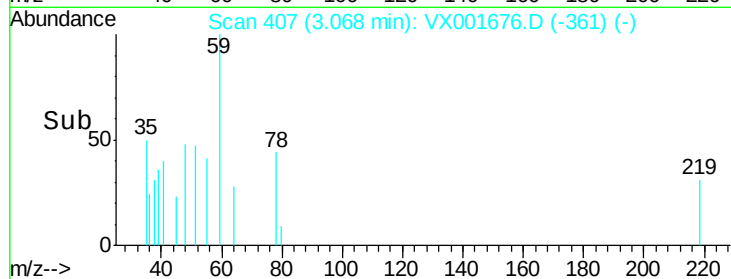
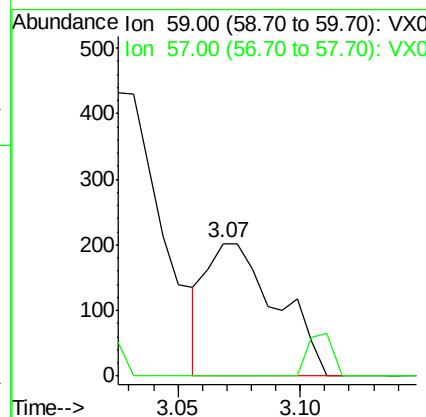
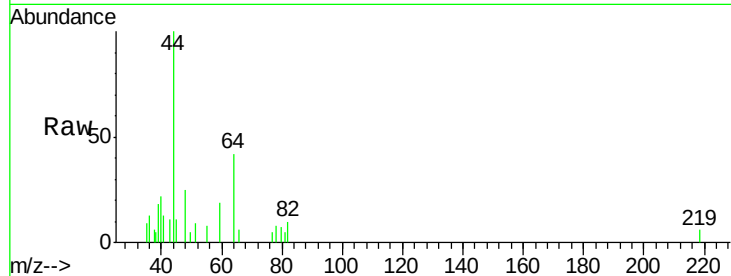




#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

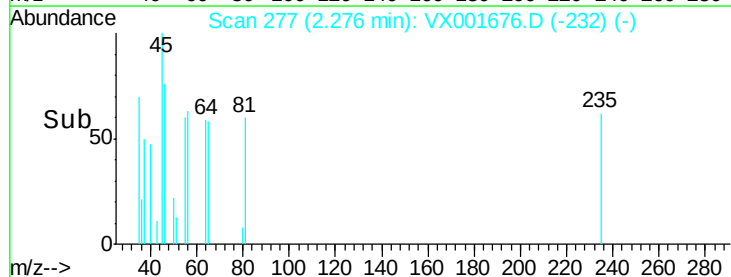
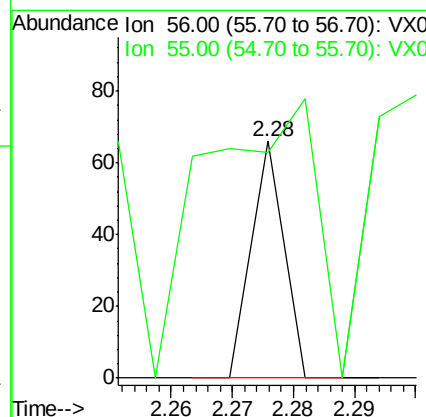
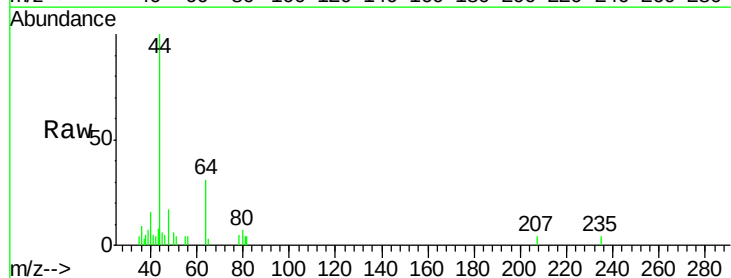
Instrument :
MSVOA_X
ClientSampleId :
Z4TB01-180508

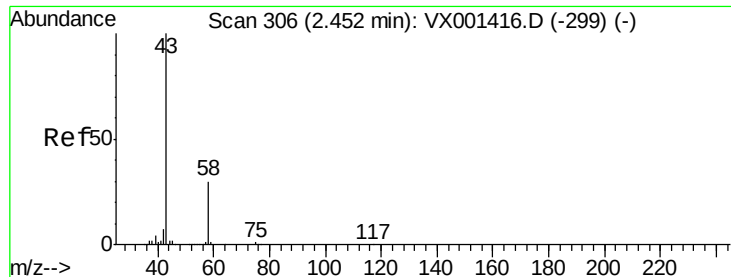
Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 408.3 54.5 81.7#





#16

Acetone

Concen: 3.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

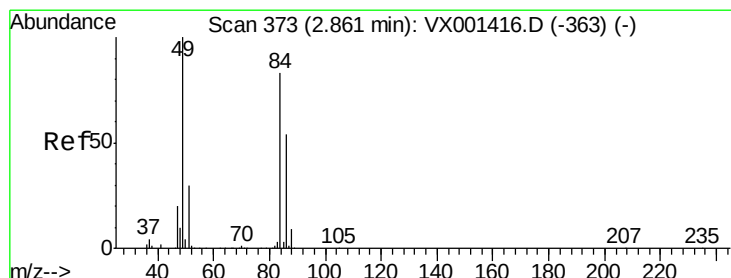
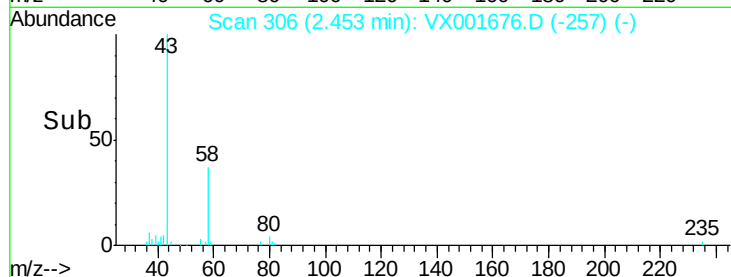
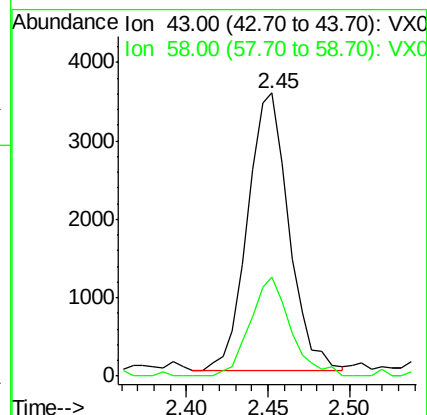
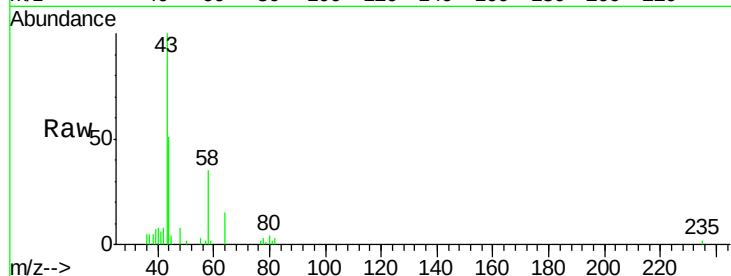
Z4TB01-180508

Tgt Ion: 43 Resp: 6253

Ion Ratio Lower Upper

43 100

58 35.8 23.8 35.8#



#20

Methylene Chloride

Concen: 0.35 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

Tgt Ion: 84 Resp: 1179

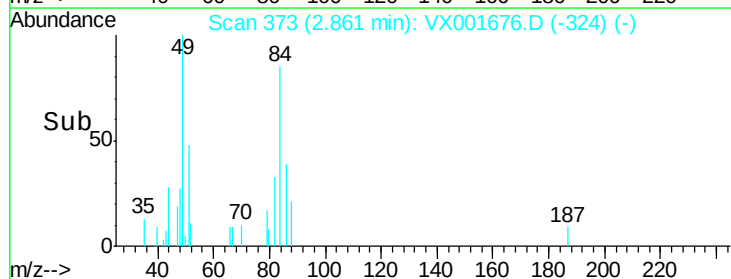
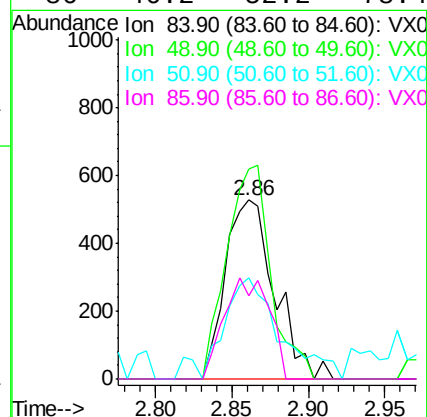
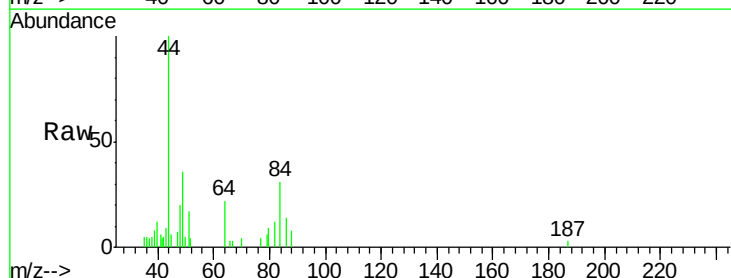
Ion Ratio Lower Upper

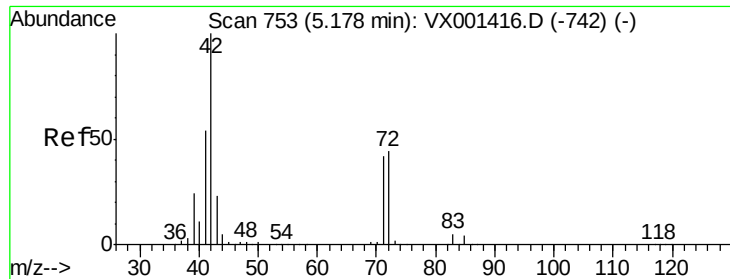
84 100

49 117.0 96.6 144.8

51 56.6 29.0 43.4#

86 46.2 52.2 78.4#





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

Z4TB01-180508

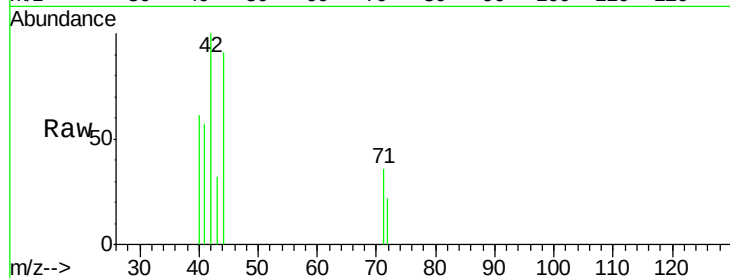
Tgt Ion: 42 Resp: 634

Ion Ratio Lower Upper

42 100

72 30.1 35.4 53.2#

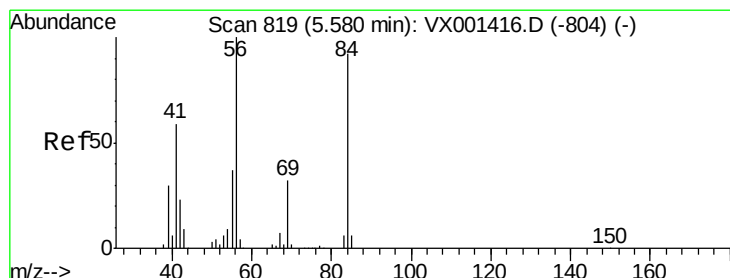
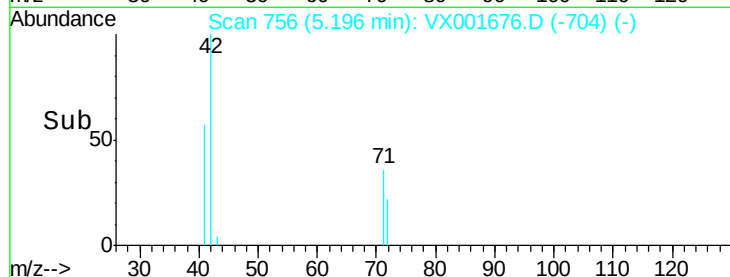
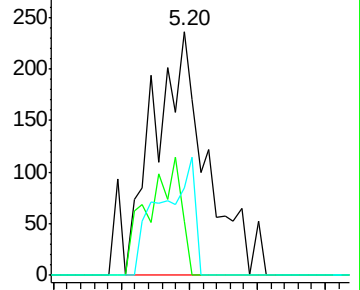
71 30.8 33.0 49.4#



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



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

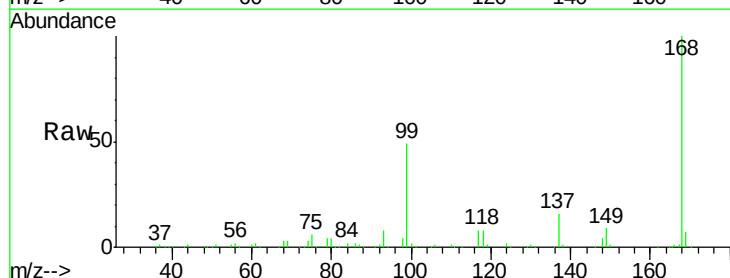
Tgt Ion: 56 Resp: 4607

Ion Ratio Lower Upper

56 100

69 160.6 25.4 38.0#

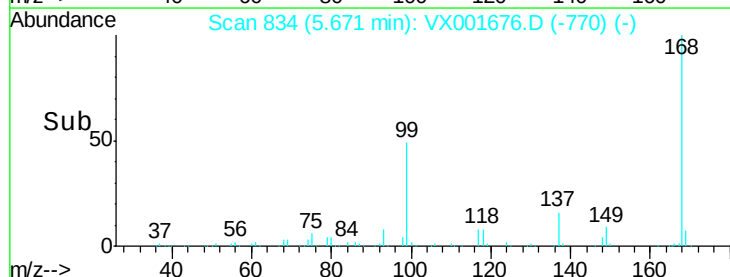
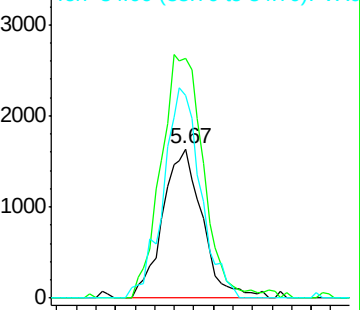
84 135.7 73.8 110.8#

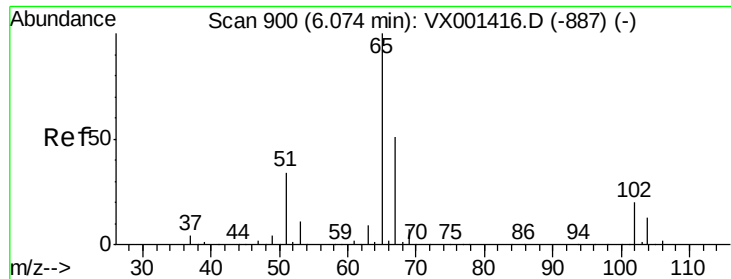


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

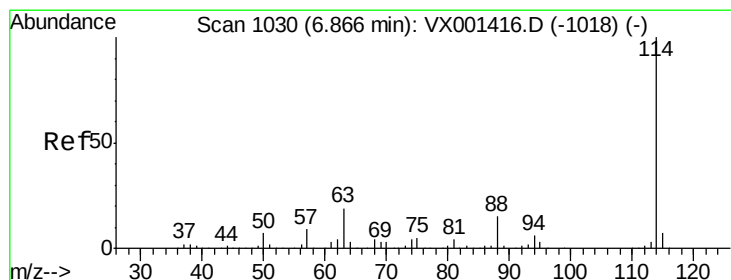
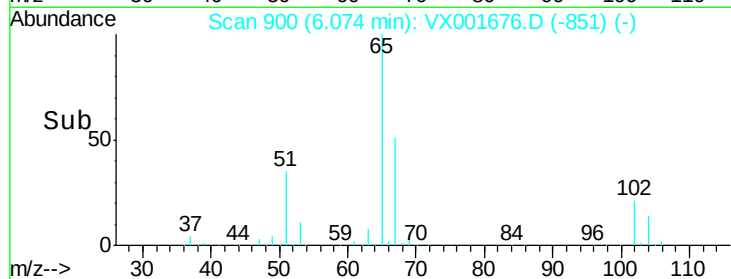
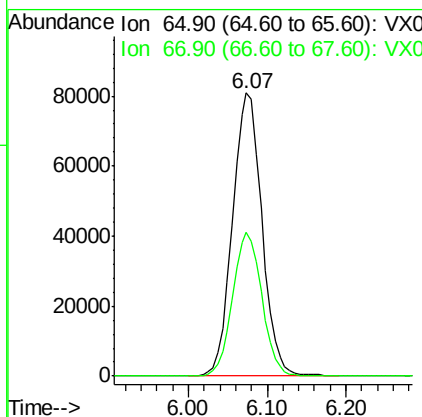
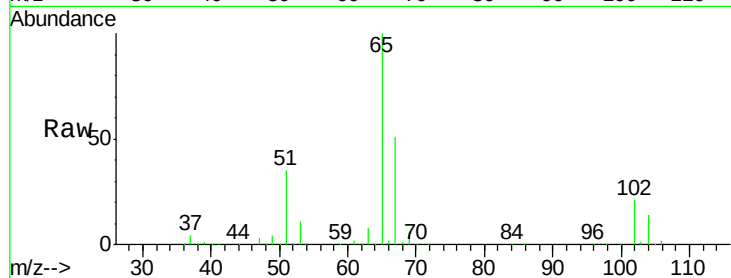




#33
 1,2-Dichloroethane-d4
 Concen: 55.72 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

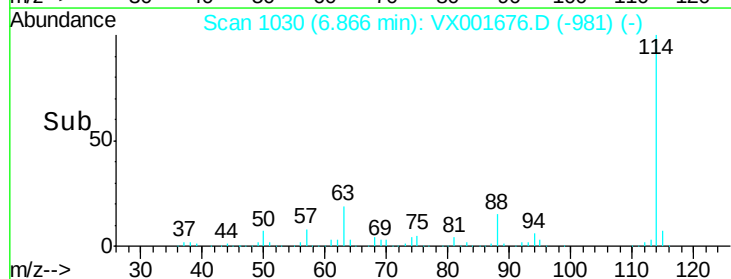
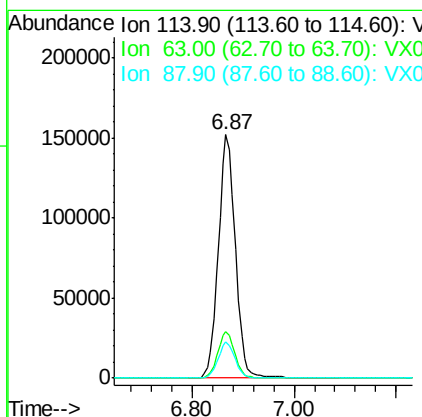
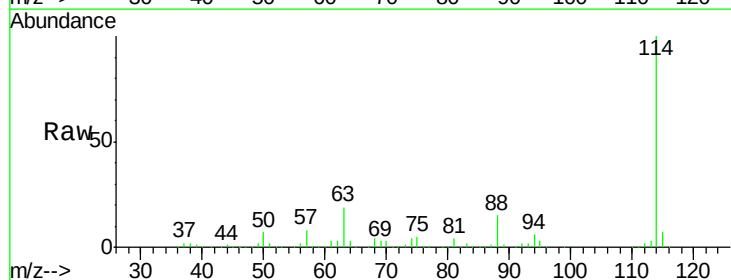
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

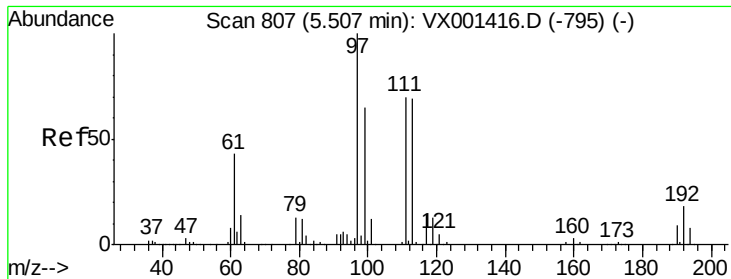
Tgt Ion: 65 Resp: 209697
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion: 114 Resp: 353442
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.0 0.0 30.8

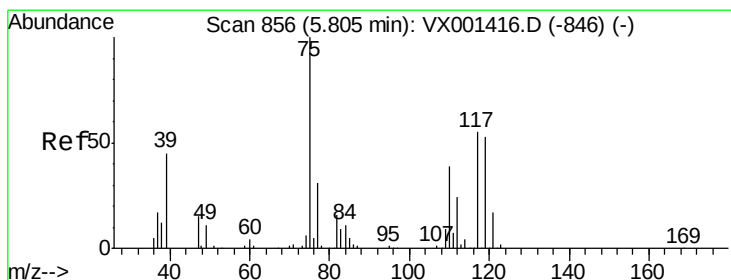
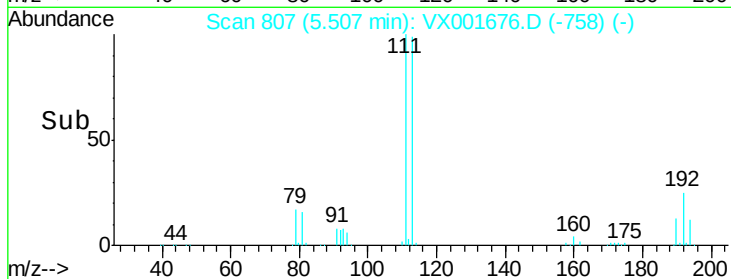
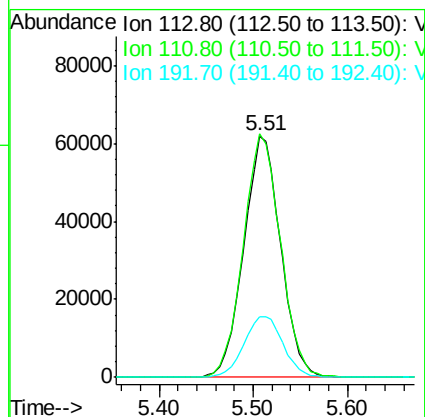
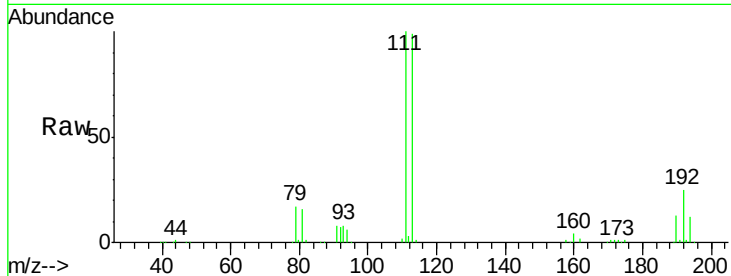




#35
 Dibromofluoromethane
 Concen: 53.96 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

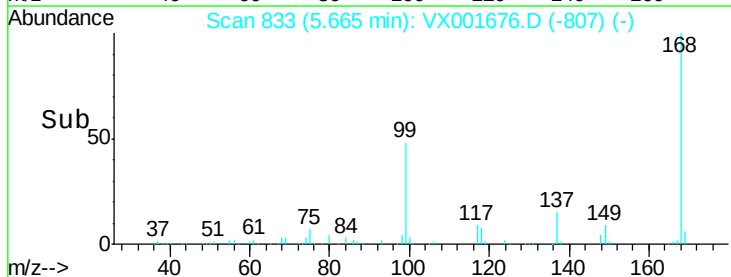
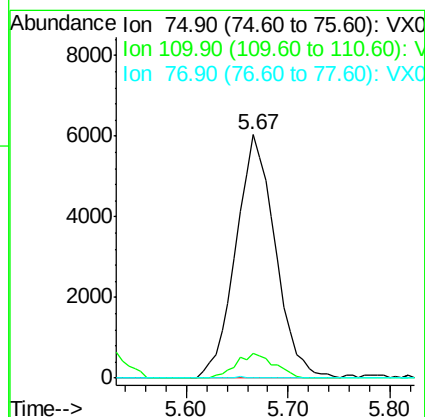
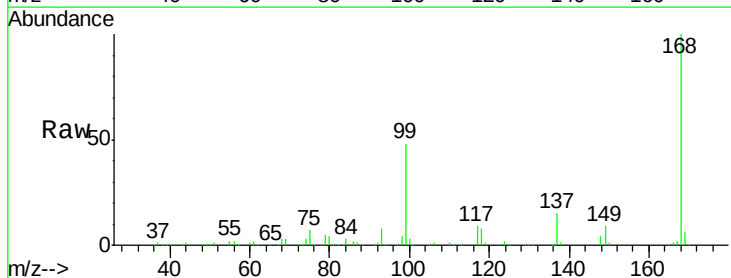
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 Z4TB01-180508

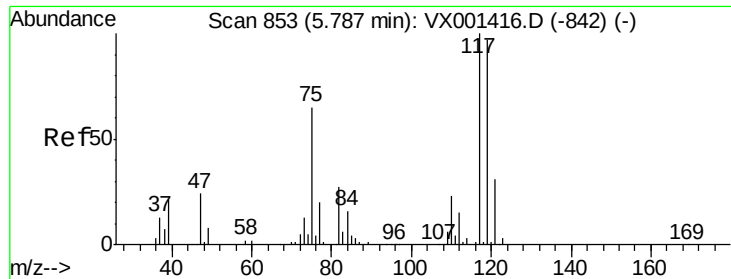
Tgt Ion:113 Resp: 169644
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 26.8 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.60 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion: 75 Resp: 16205
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.9 56.7#
 77 0.1 24.9 37.3#

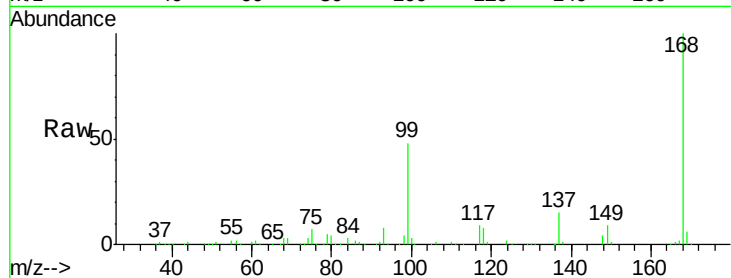




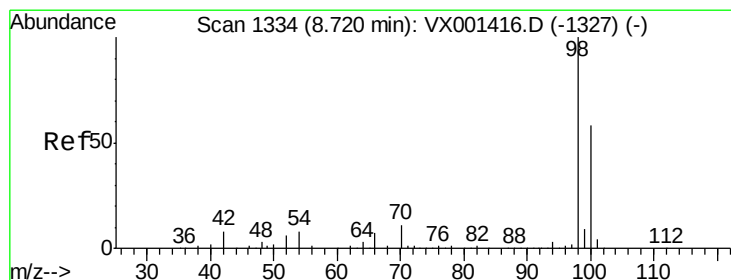
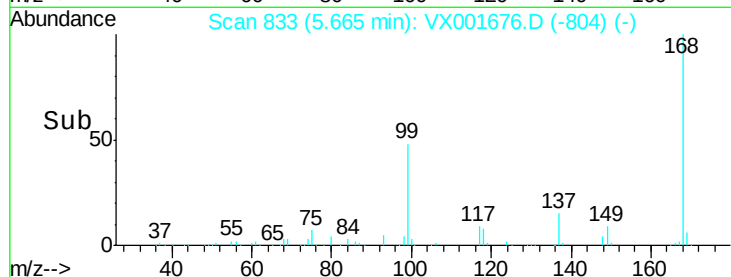
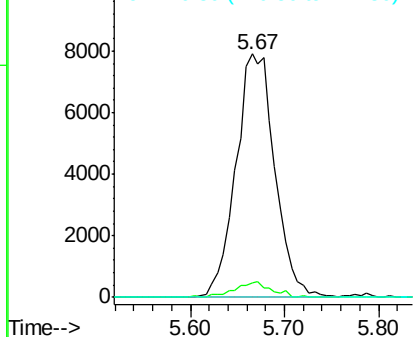
#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

Instrument :
MSVOA_X
ClientSampleId :
Z4TB01-180508

Tgt Ion: 117 Resp: 22859
Ion Ratio Lower Upper
117 100
119 5.8 77.0 115.6#
121 0.0 25.1 37.7#

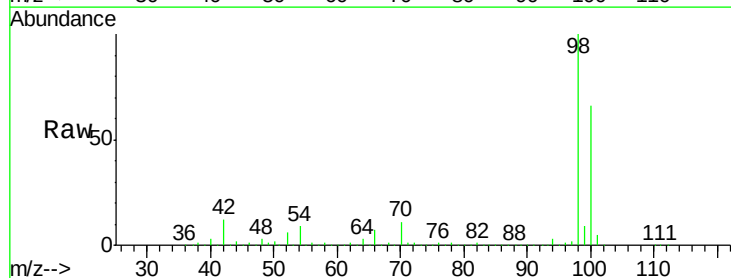


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

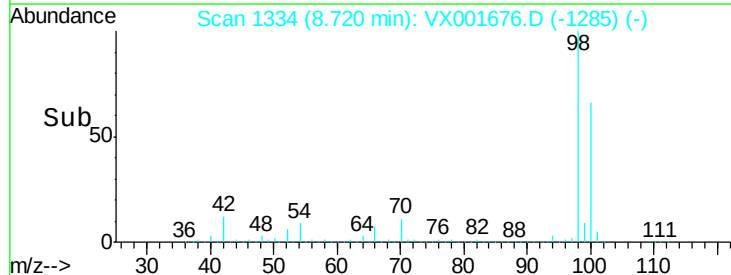
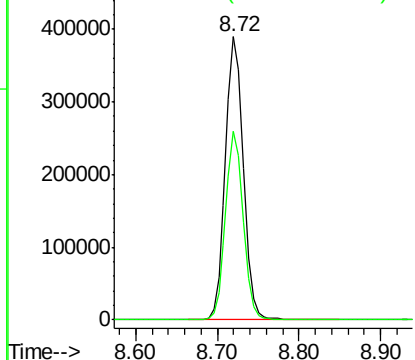


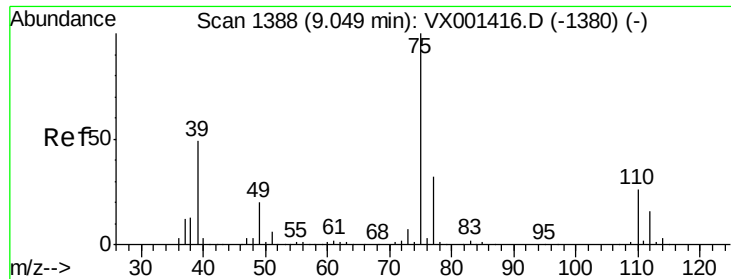
#50
Toluene-d8
Concen: 51.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

Tgt Ion: 98 Resp: 592931
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



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

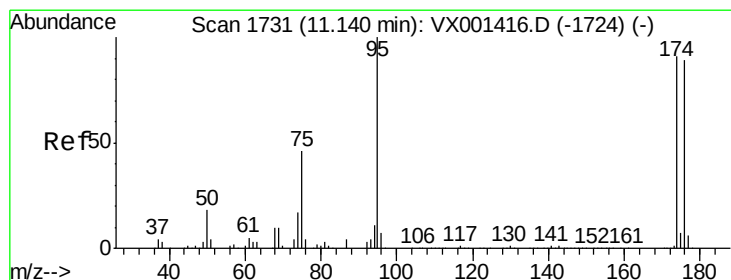
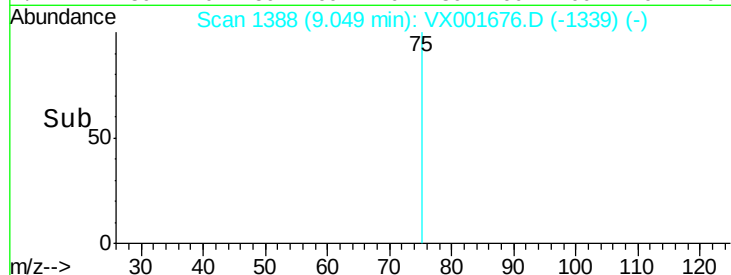
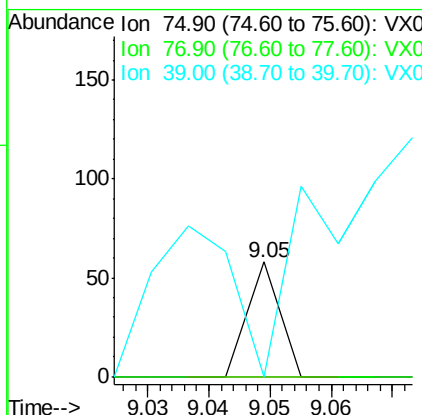
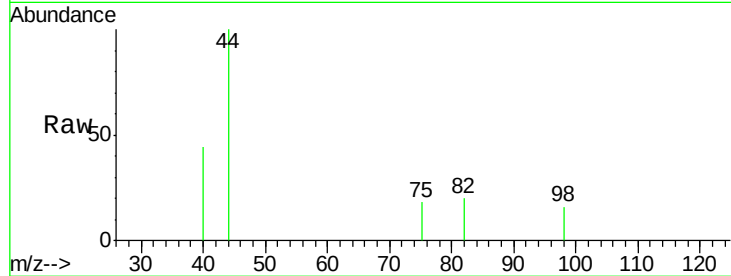




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

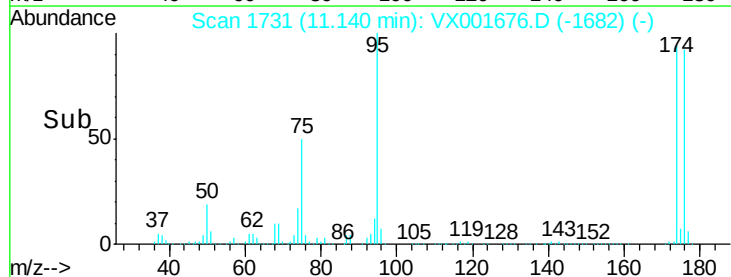
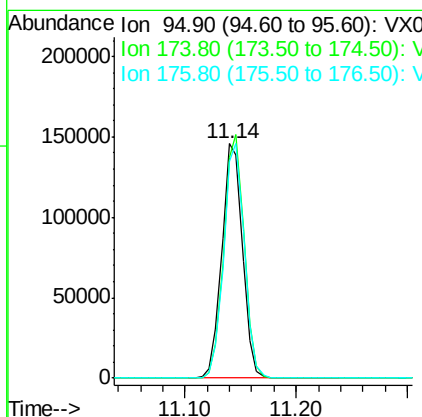
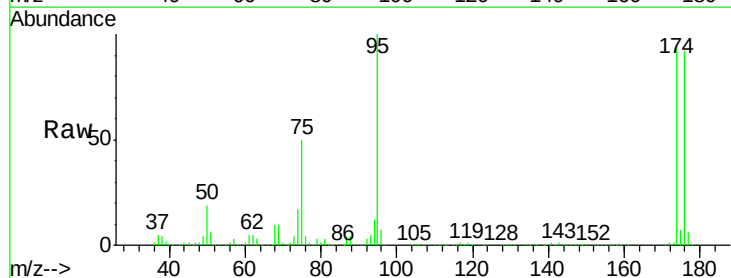
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

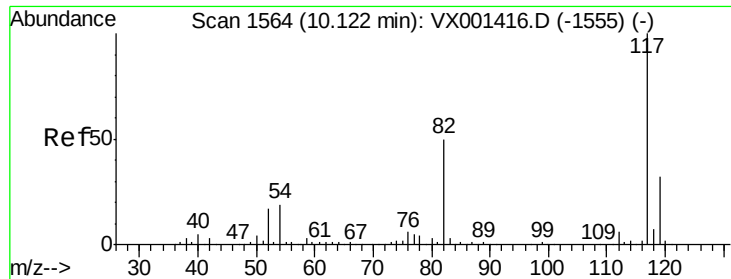
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 42.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion: 95 Resp: 187584
 Ion Ratio Lower Upper
 95 100
 174 101.8 0.0 202.0
 176 98.9 0.0 197.4

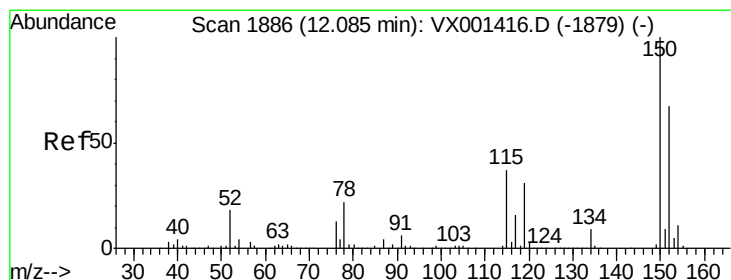
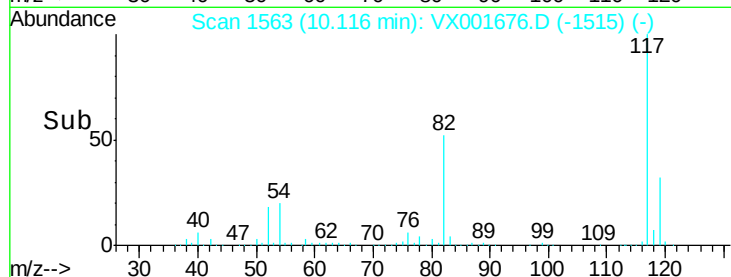
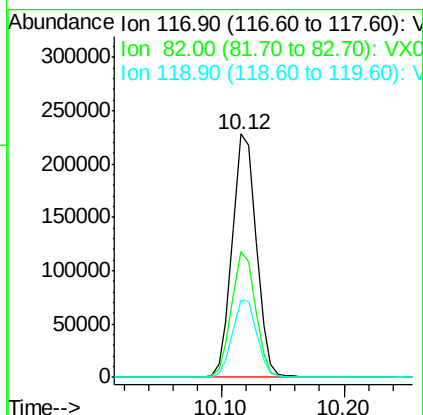
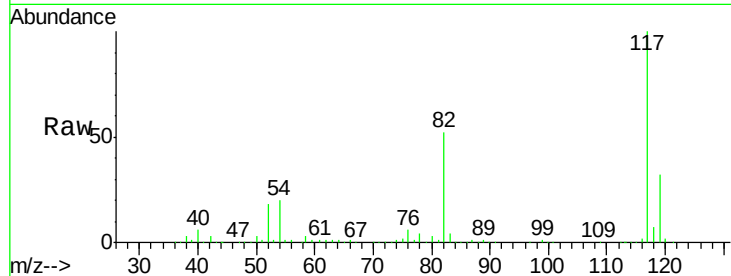




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

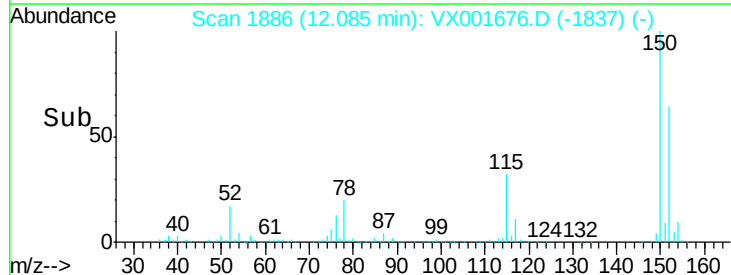
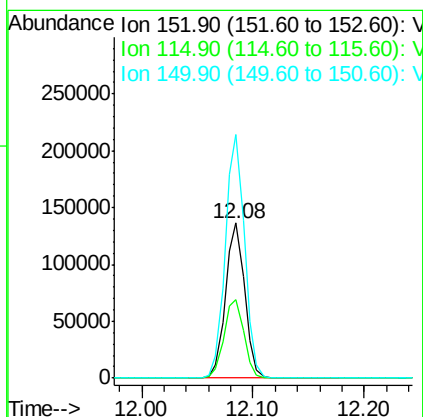
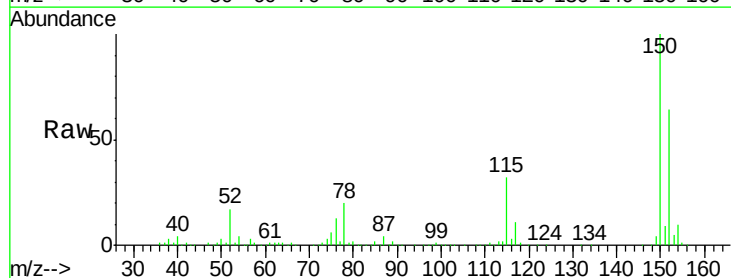
Instrument :
MSVOA_X
ClientSampleId :
Z4TB01-180508

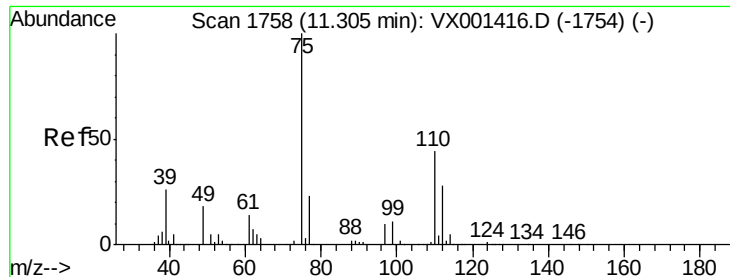
Tgt Ion:117 Resp: 309732
Ion Ratio Lower Upper
117 100
82 51.8 40.0 60.0
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001676.D
Acq: 12 May 2018 19:22

Tgt Ion:152 Resp: 162068
Ion Ratio Lower Upper
152 100
115 52.8 37.7 113.1
150 157.8 0.0 349.4

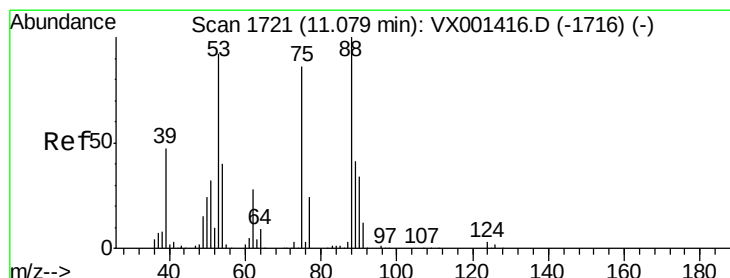
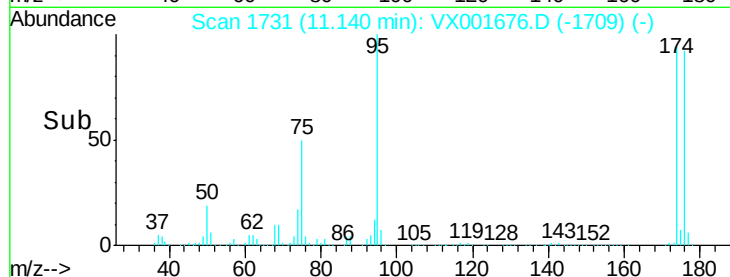
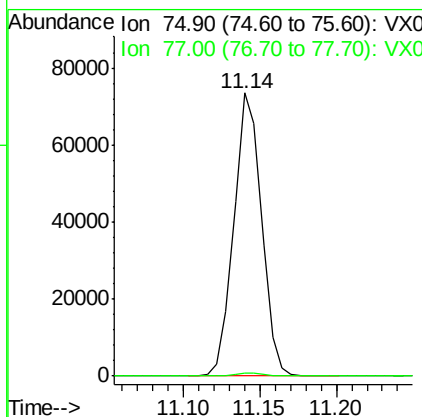
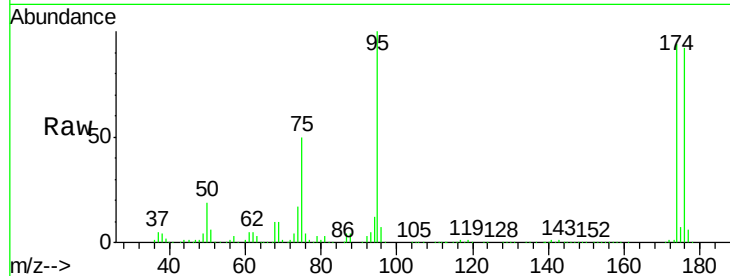




#76
 1,2,3-Trichloropropane
 Concen: 28.05 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

Tgt Ion: 75 Resp: 92215
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.07 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion: 75 Resp: 92215
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

