

Data File : VX001285.D
Acq On : 01 May 2018 19:18
Operator : JC/MD
Sample : VX0501WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

Quant Time: May 02 02:05:44 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	243362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133790	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	5.51	113	108692	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.72	98	413540	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	11.14	95	141365	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	387	Below Cal		87
10) Methyl Iodide	2.52	142	526	4.55 ug/l #		67
13) Acrolein	2.28	56	50	0.20 ug/l #		14
15) Acrylonitrile	3.15	53	341	0.34 ug/l #		64
16) Acetone	2.45	43	532	0.50 ug/l		94
20) Methylene Chloride	2.86	84	336	Below Cal #		80
29) Tetrahydrofuran	5.17	42	630	0.71 ug/l #		42
31) Cyclohexane	5.65	56	3362	1.10 ug/l #		55
38) Carbon Tetrachloride	5.67	117	15543	5.28 ug/l #		18
76) 1,2,3-Trichloropropane	11.14	75	71742	30.70 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	71742	95.60 ug/l #		6

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

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ClientSampleId :

VX0501WBL02

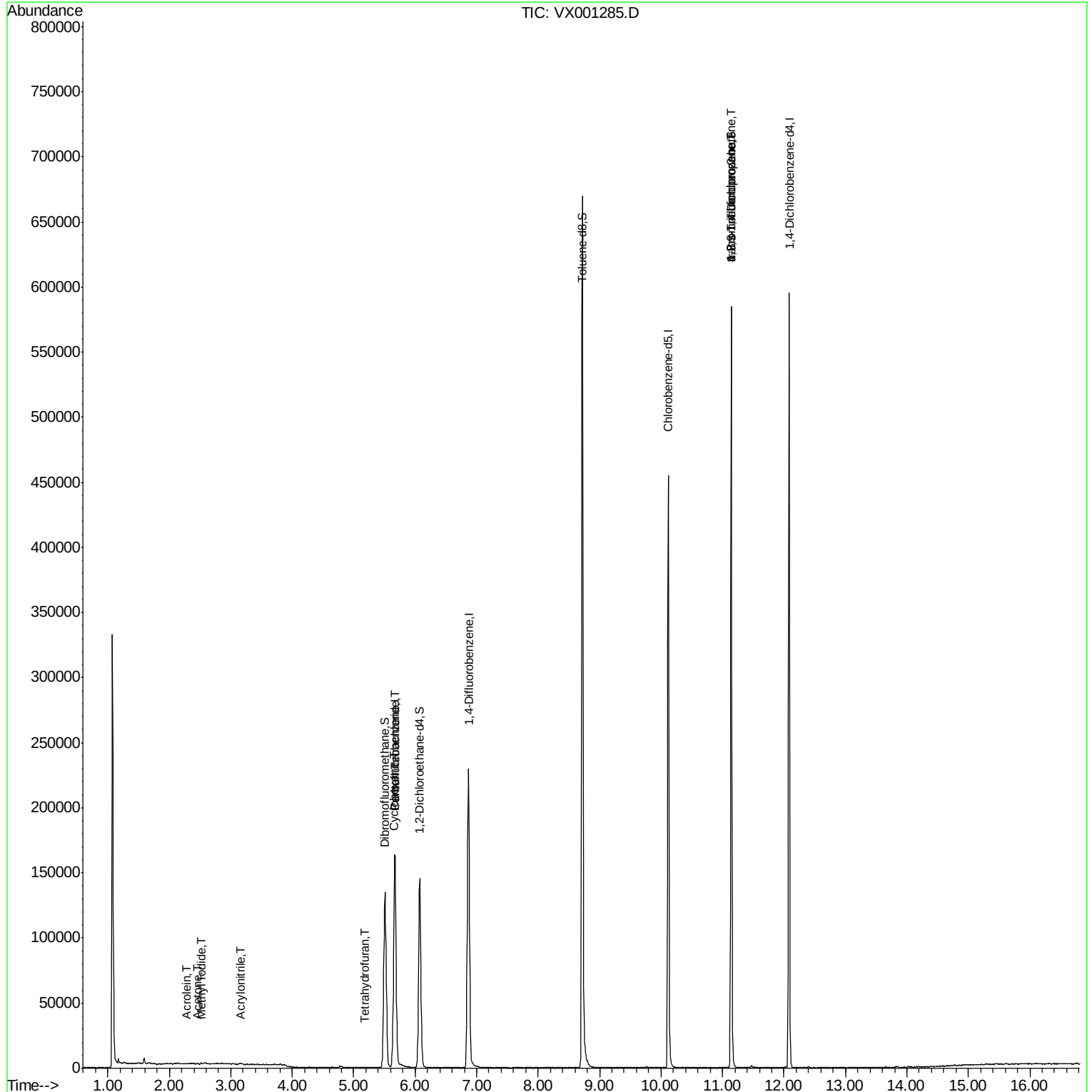
Quant Time: May 02 02:05:44 2018

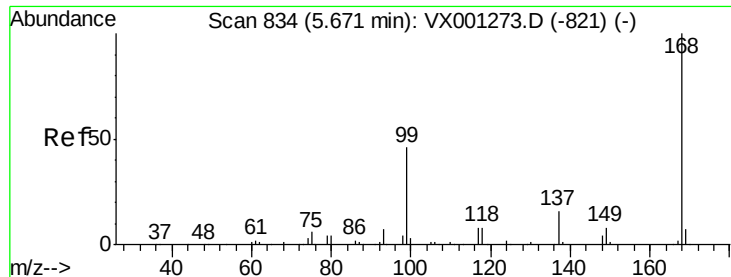
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 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: VX001285.D

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Instrument :

MSVOA_X

ClientSampleId :

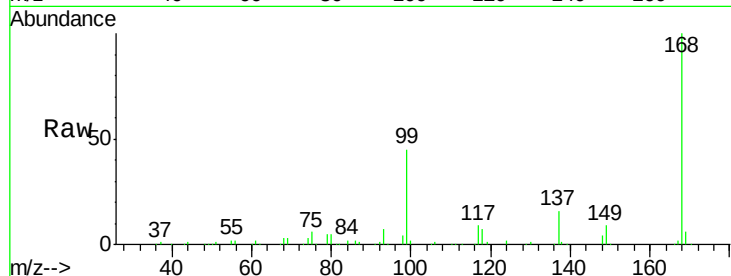
VX0501WBL02

Tgt Ion: 168 Resp: 179581

Ion Ratio Lower Upper

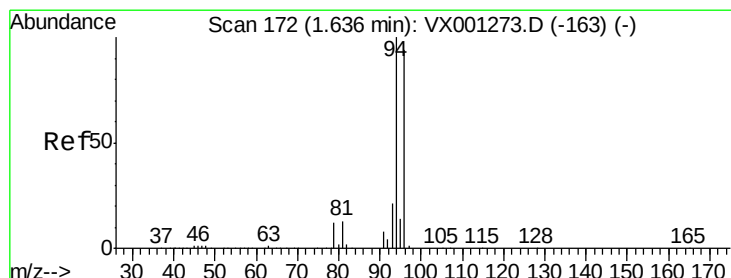
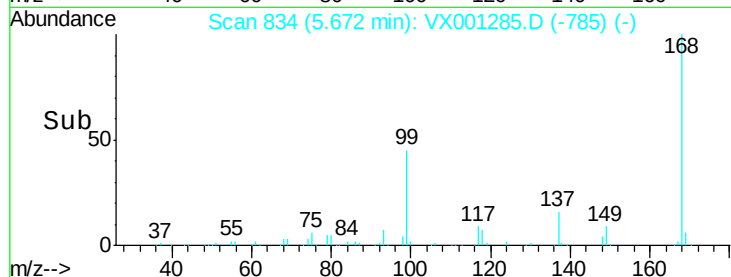
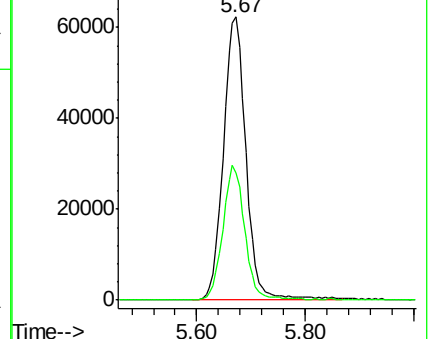
168 100

99 44.9 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001285.D

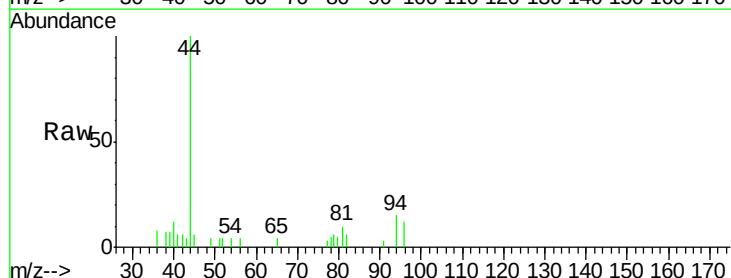
Acq: 01 May 2018 19:18

Tgt Ion: 94 Resp: 387

Ion Ratio Lower Upper

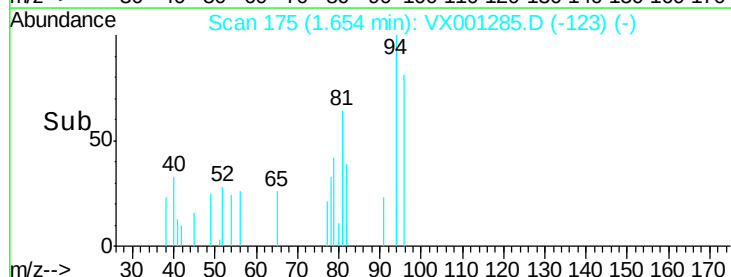
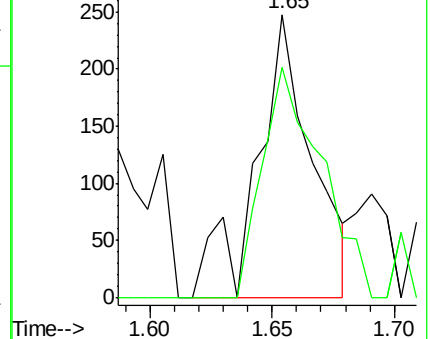
94 100

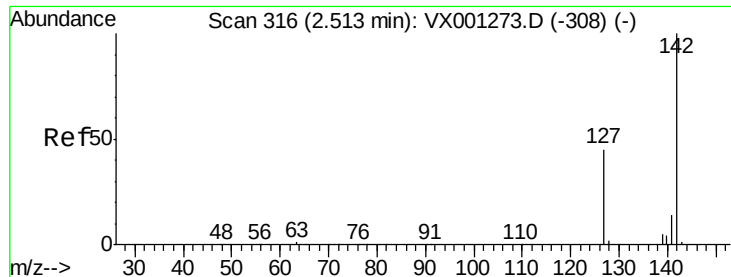
96 81.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

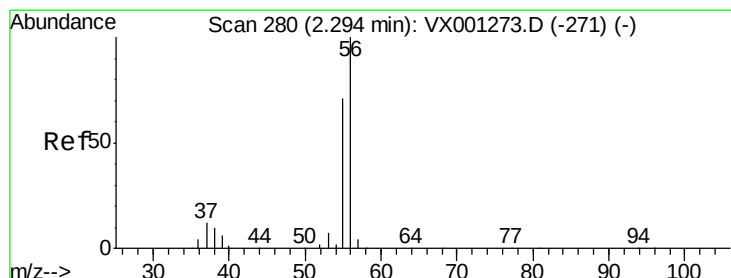
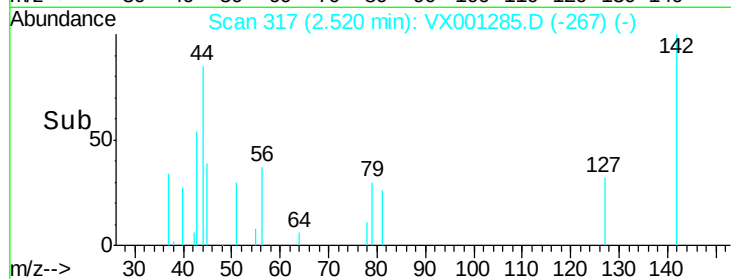
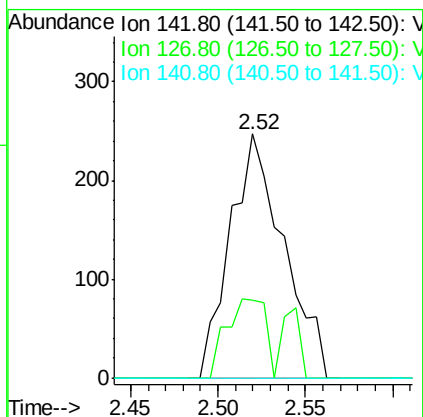
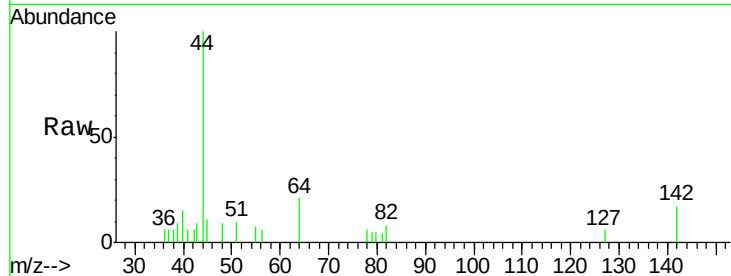




#10
Methyl Iodide
Concen: 4.55 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

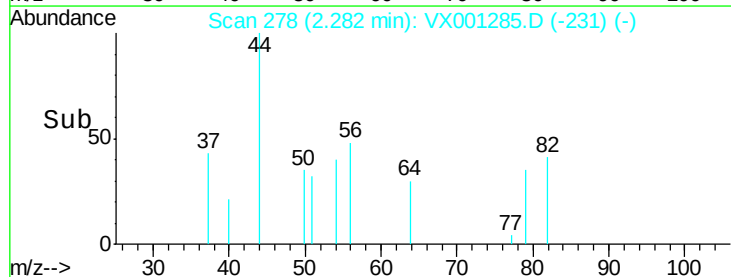
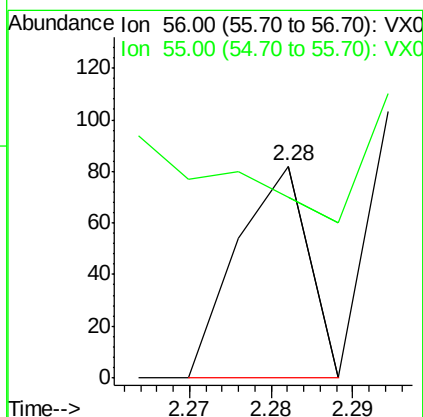
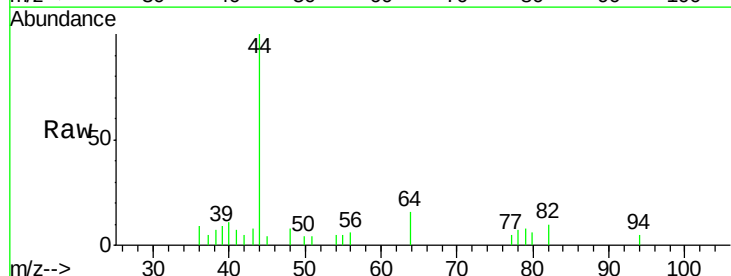
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

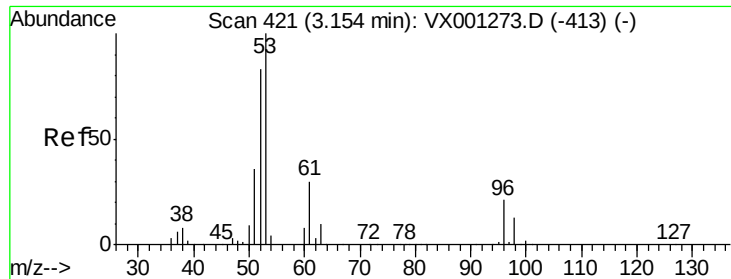
Tgt Ion: 142 Resp: 526
Ion Ratio Lower Upper
142 100
127 23.6 35.7 53.5#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.20 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#





#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

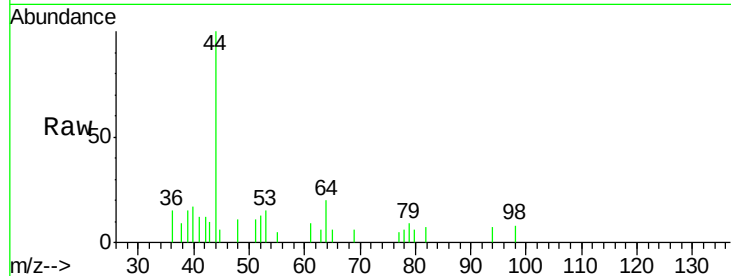
Tgt Ion: 53 Resp: 341

Ion Ratio Lower Upper

53 100

52 107.0 67.0 100.4#

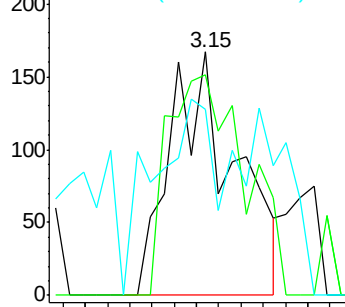
51 72.7 29.9 44.9#



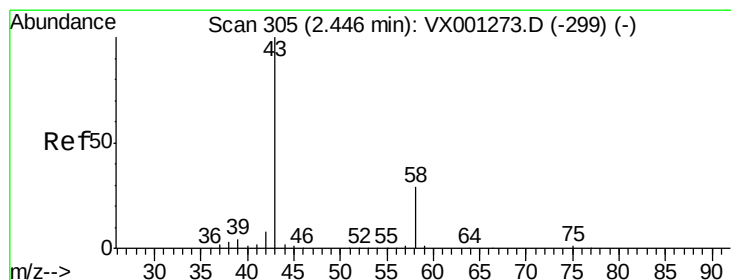
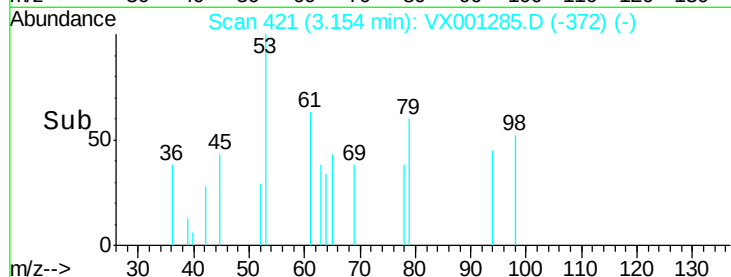
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.50 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001285.D

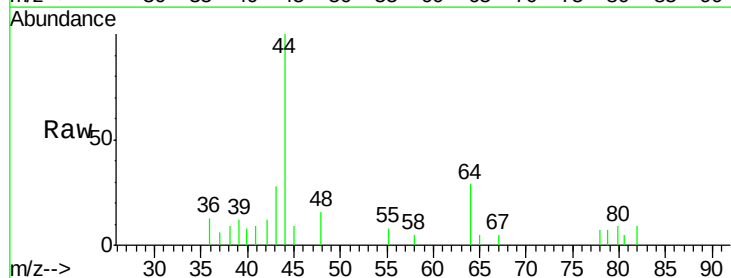
Acq: 01 May 2018 19:18

Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

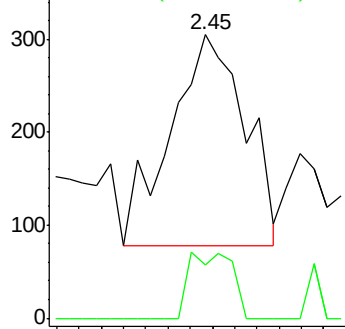
43 100

58 25.1 22.8 34.2

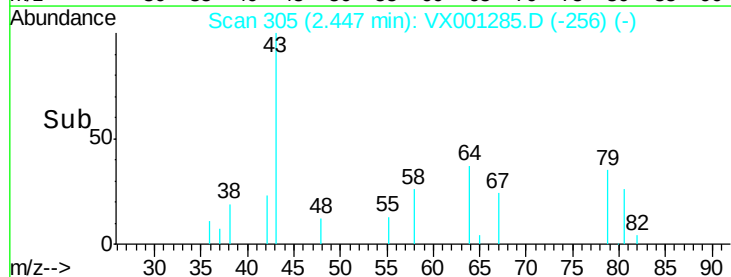


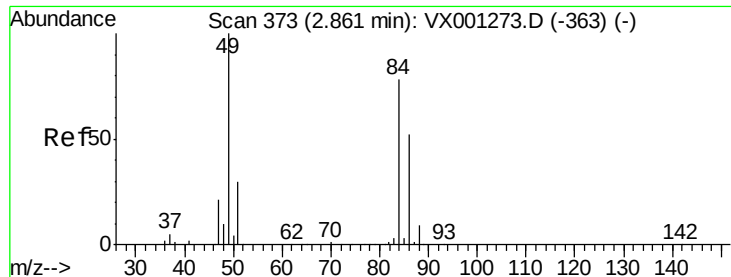
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

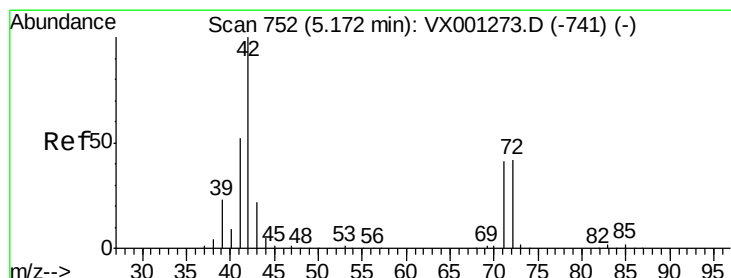
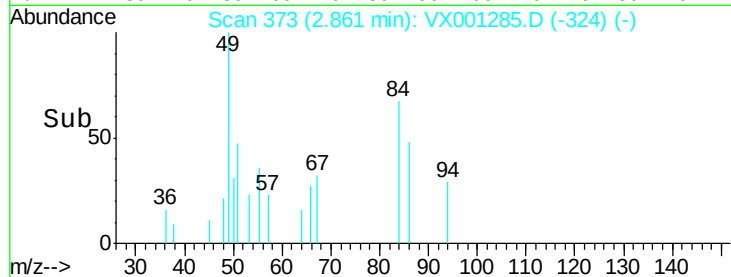
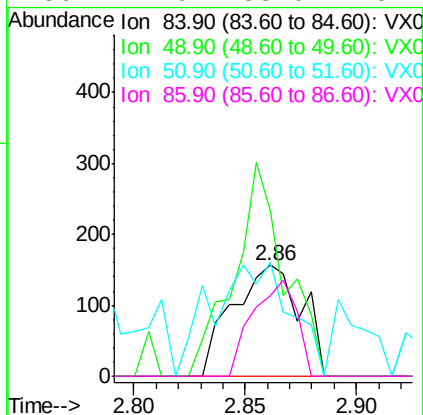
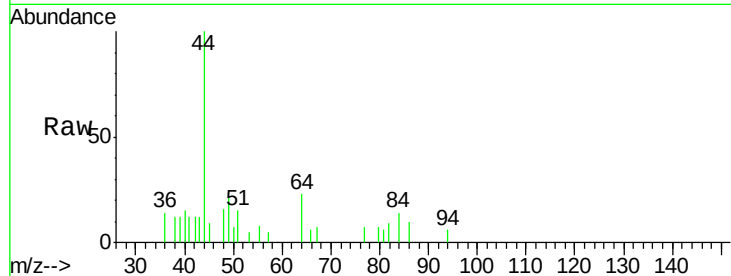




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

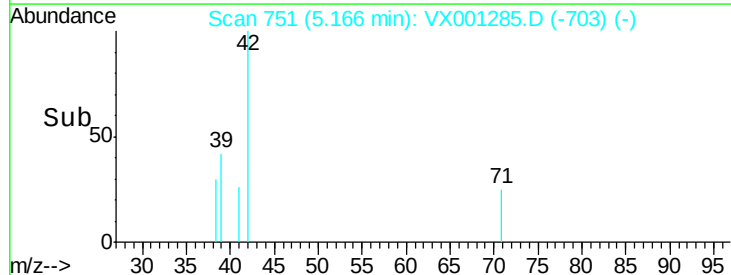
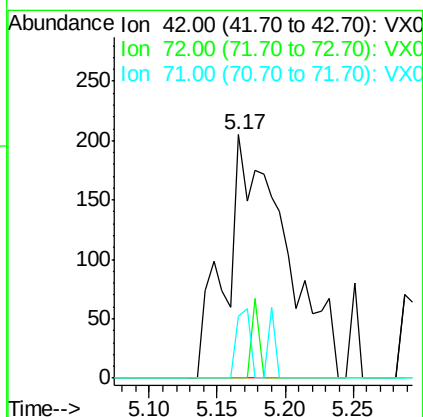
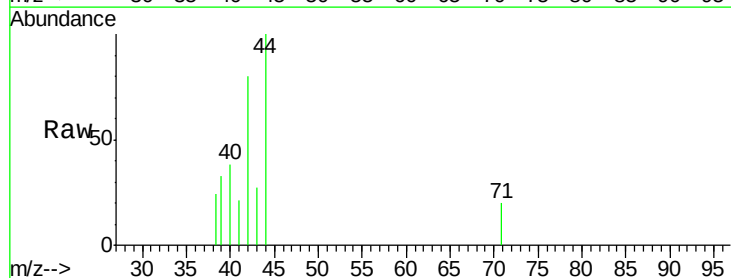
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

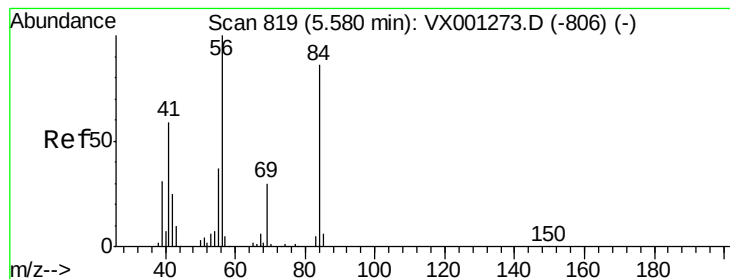
Tgt Ion:	84	Resp:	336
Ion	Ratio	Lower	Upper
84	100		
49	148.4	102.8	154.2
51	68.2	30.9	46.3#
86	72.0	53.0	79.4



#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

Tgt Ion:	42	Resp:	630
Ion	Ratio	Lower	Upper
42	100		
72	4.0	34.6	52.0#
71	6.5	32.7	49.1#





#31

Cyclohexane

Concen: 1.10 ug/l

RT: 5.65 min Scan# 831

Delta R.T. 0.07 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

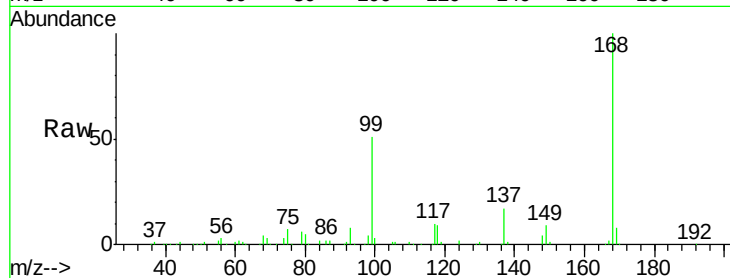
Tgt Ion: 56 Resp: 3362

Ion Ratio Lower Upper

56 100

69 118.2 24.0 36.0#

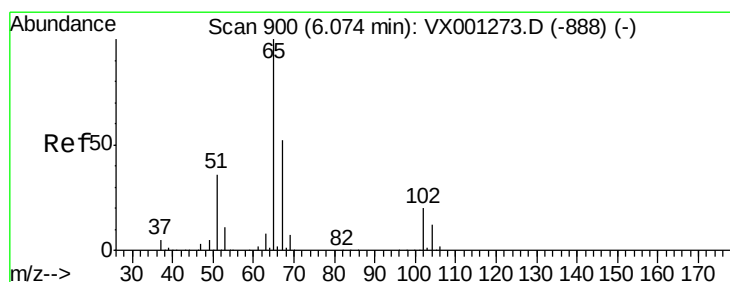
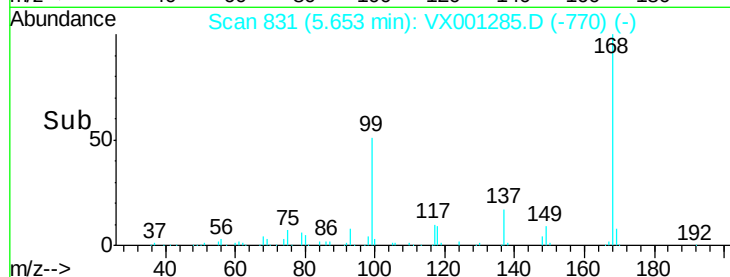
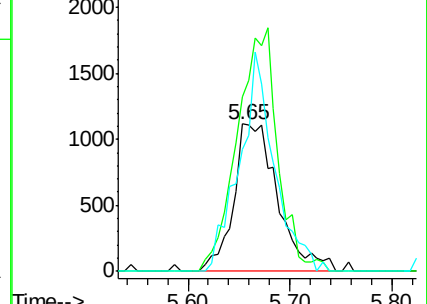
84 82.5 69.0 103.4



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: 53.82 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001285.D

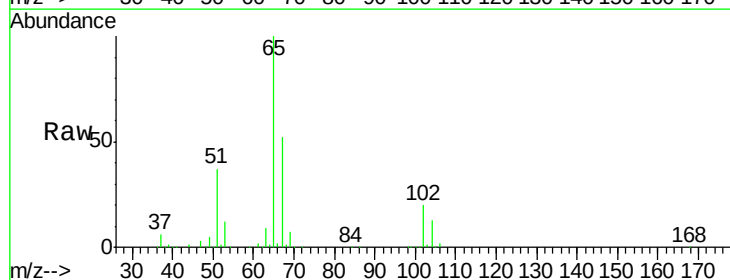
Acq: 01 May 2018 19:18

Tgt Ion: 65 Resp: 133790

Ion Ratio Lower Upper

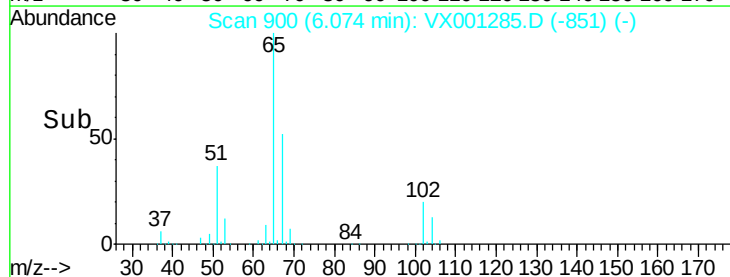
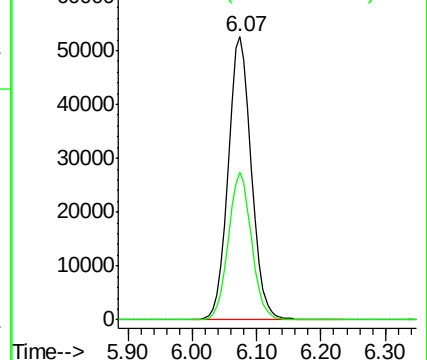
65 100

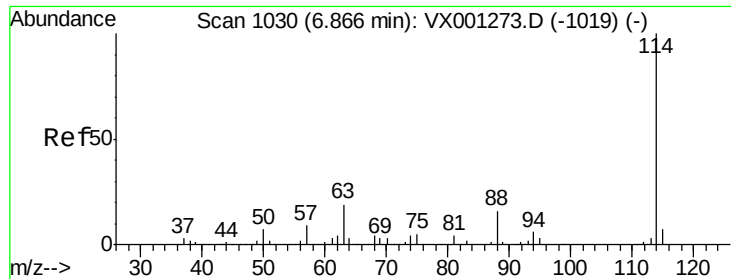
67 52.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

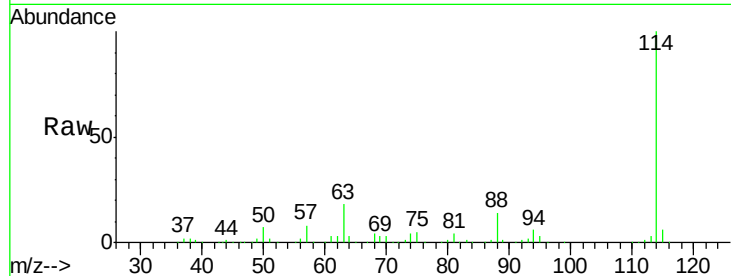




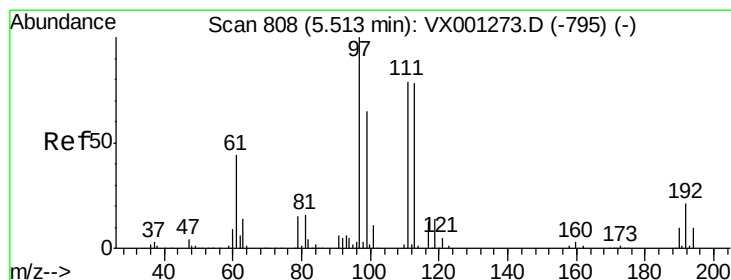
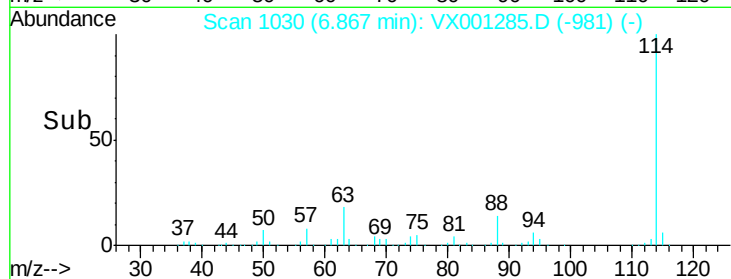
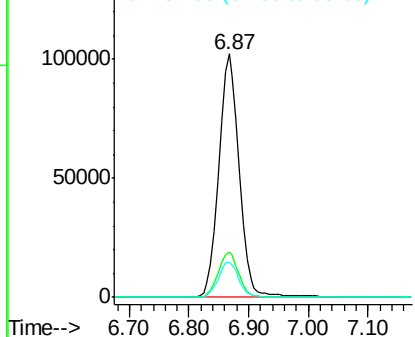
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001285.D
 Acq: 01 May 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBL02

Tgt Ion:114 Resp: 243362
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 14.2 0.0 32.2

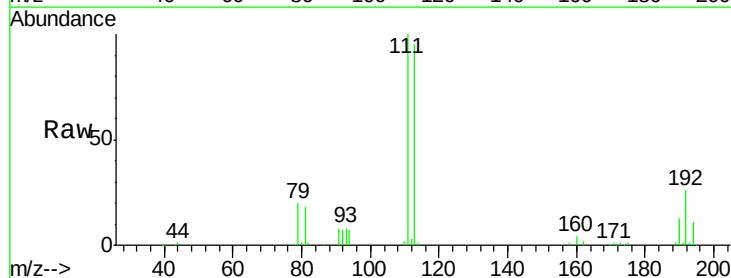


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

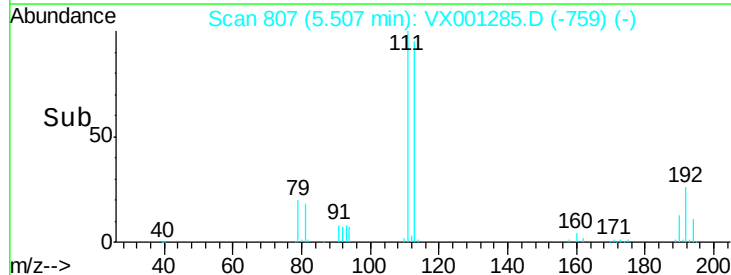
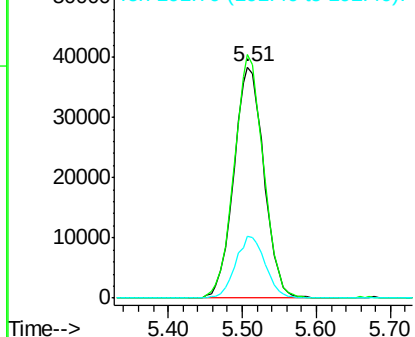


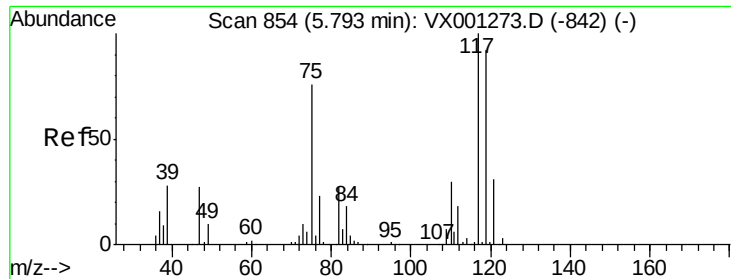
#35
 Dibromofluoromethane
 Concen: 51.84 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001285.D
 Acq: 01 May 2018 19:18

Tgt Ion:113 Resp: 108692
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 26.5 20.7 31.1



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

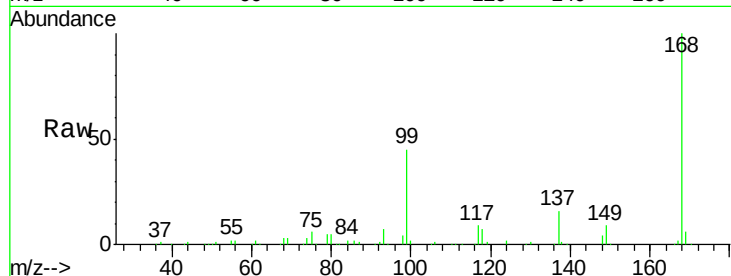




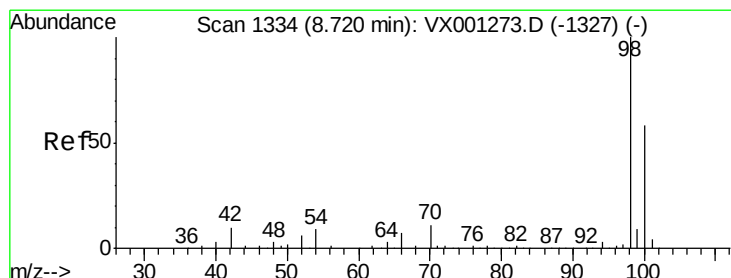
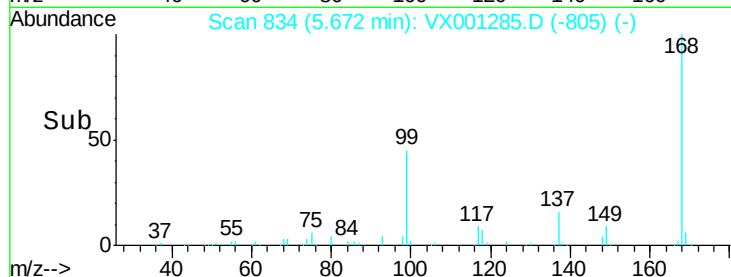
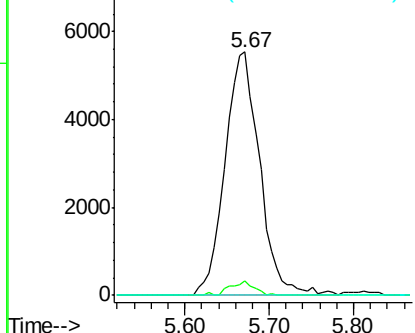
#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

Tgt Ion:117 Resp: 15543
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 25.0 37.4#

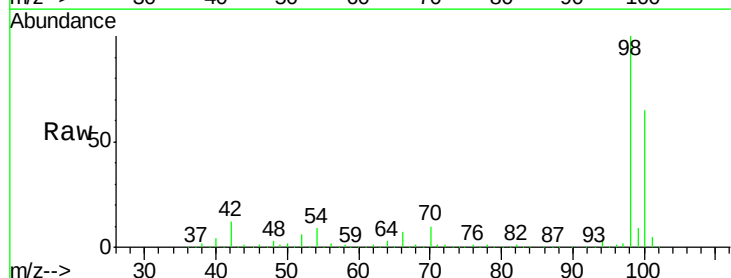


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

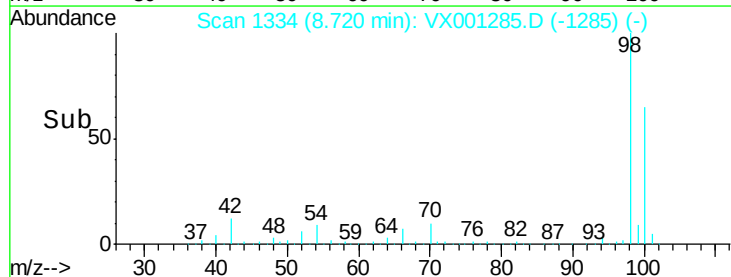
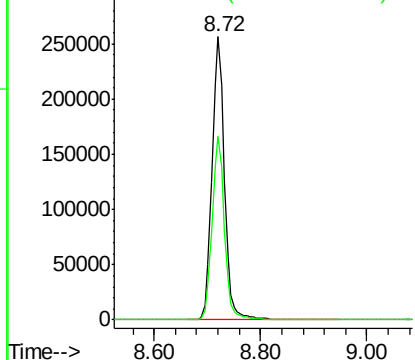


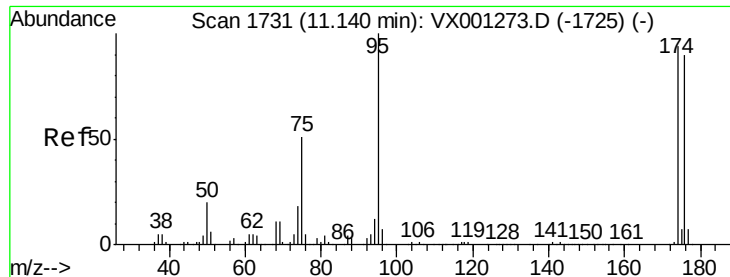
#50
Toluene-d8
Concen: 55.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001285.D
Acq: 01 May 2018 19:18

Tgt Ion: 98 Resp: 413540
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4



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





#62

4-Bromofluorobenzene

Concen: 47.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

Instrument :

MSVOA_X

ClientSampled :

VX0501WBL02

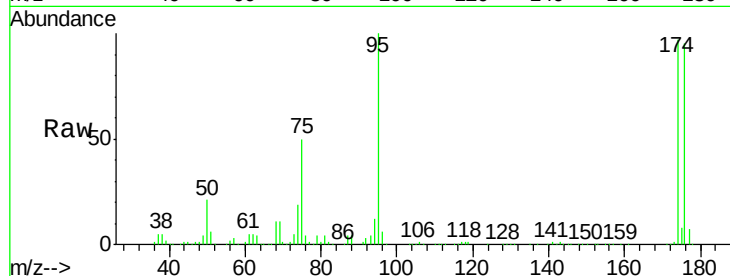
Tgt Ion: 95 Resp: 141365

Ion Ratio Lower Upper

95 100

174 104.3 0.0 201.8

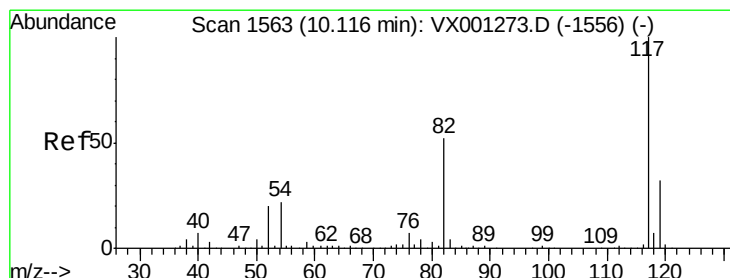
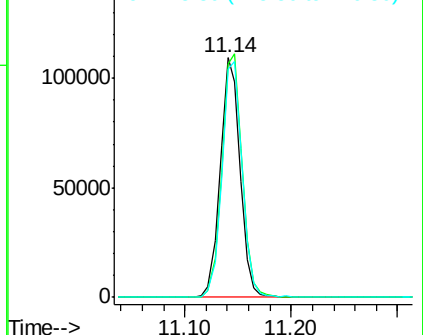
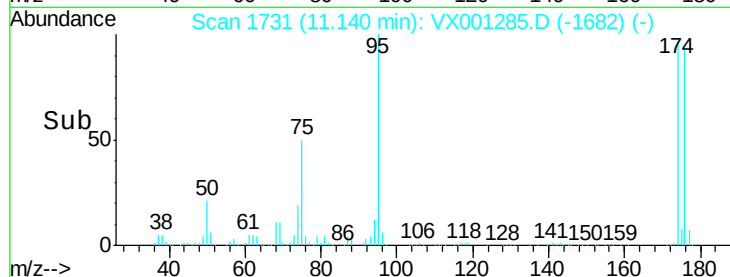
176 100.9 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX001285.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001285.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001285.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

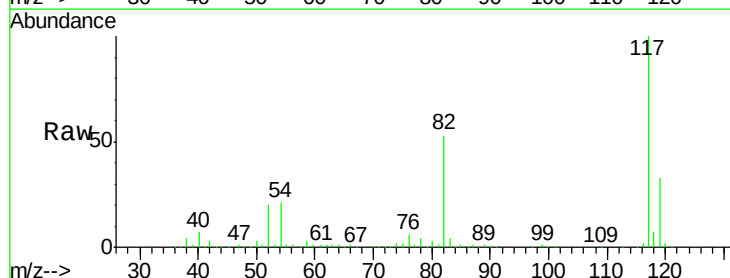
Tgt Ion: 117 Resp: 218190

Ion Ratio Lower Upper

117 100

82 52.9 41.4 62.0

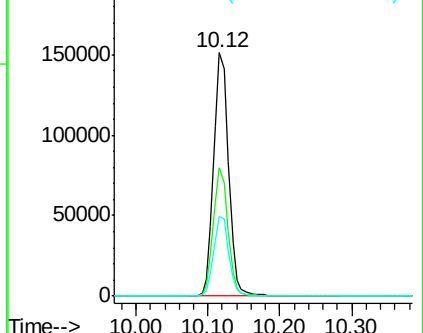
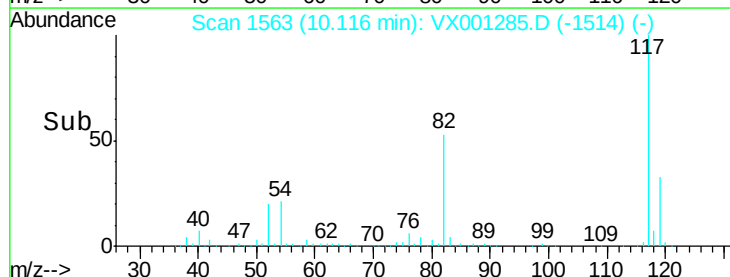
119 32.7 25.5 38.3

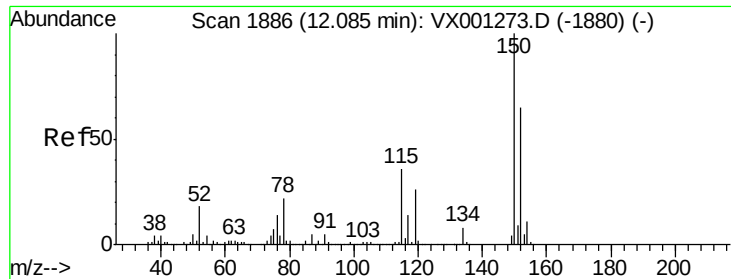


Abundance Ion 116.90 (116.60 to 117.60): VX001285.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001285.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001285.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

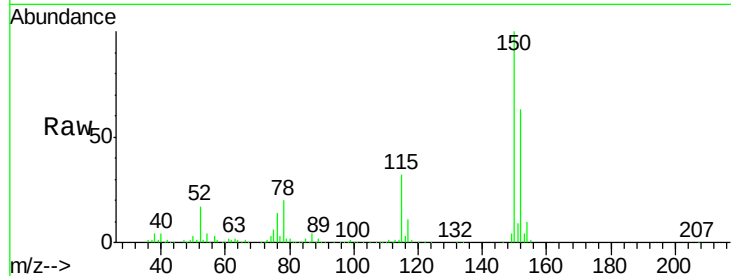
Tgt Ion:152 Resp: 126380

Ion Ratio Lower Upper

152 100

115 52.1 38.6 115.7

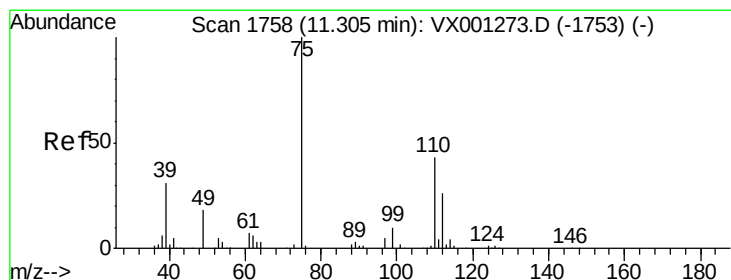
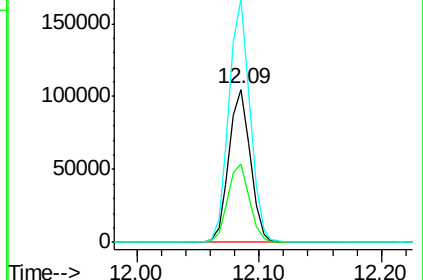
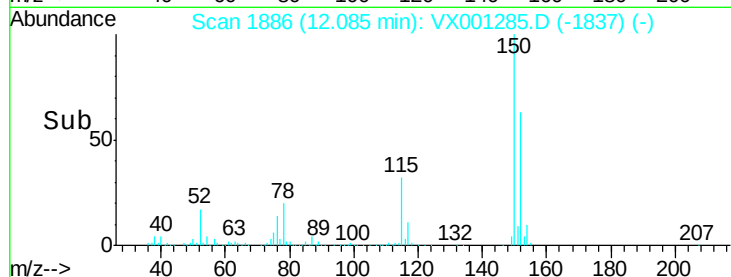
150 157.4 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 30.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001285.D

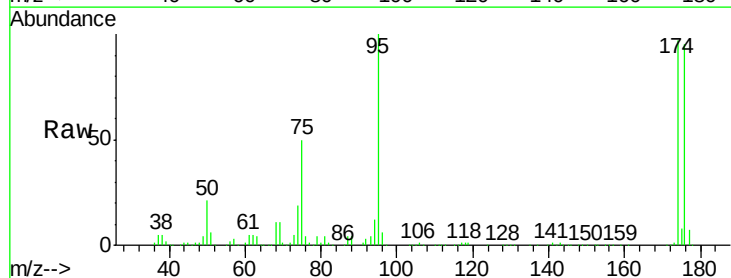
Acq: 01 May 2018 19:18

Tgt Ion: 75 Resp: 71742

Ion Ratio Lower Upper

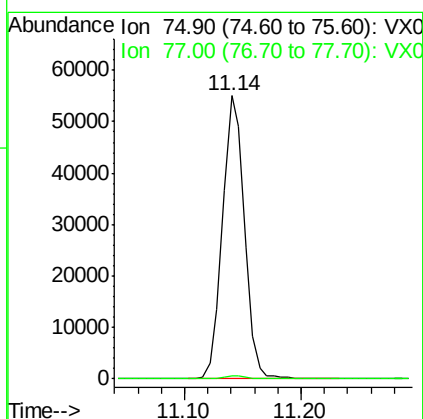
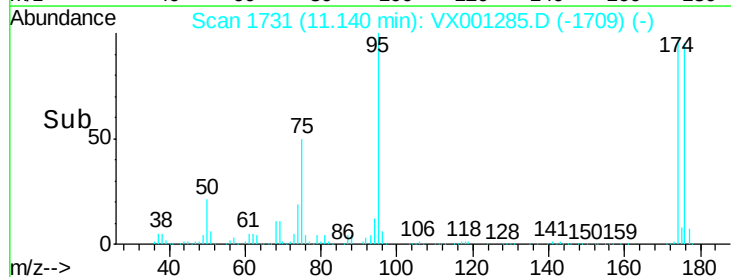
75 100

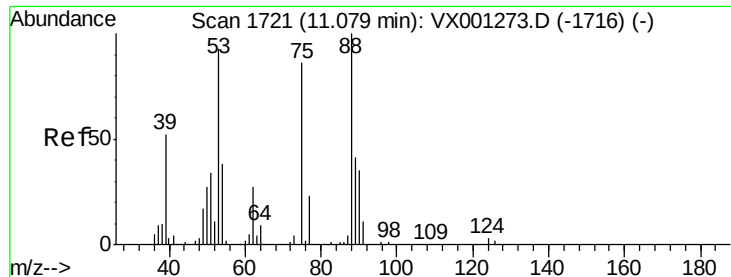
77 1.2 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 95.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001285.D

Acq: 01 May 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

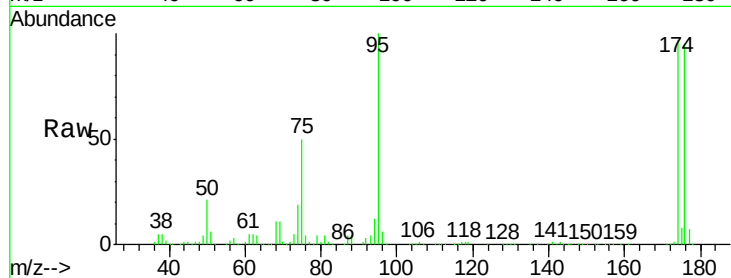
Tgt Ion: 75 Resp: 71742

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.0 38.9 58.3#



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

