

Data File : VX001598.D
Acq On : 10 May 2018 12:11
Operator : JC/MD
Sample : VX0510MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

Quant Time: May 11 06:50:15 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	263125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	224240	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	5.51	113	174915	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	8.72	98	625963	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	11.14	95	202155	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

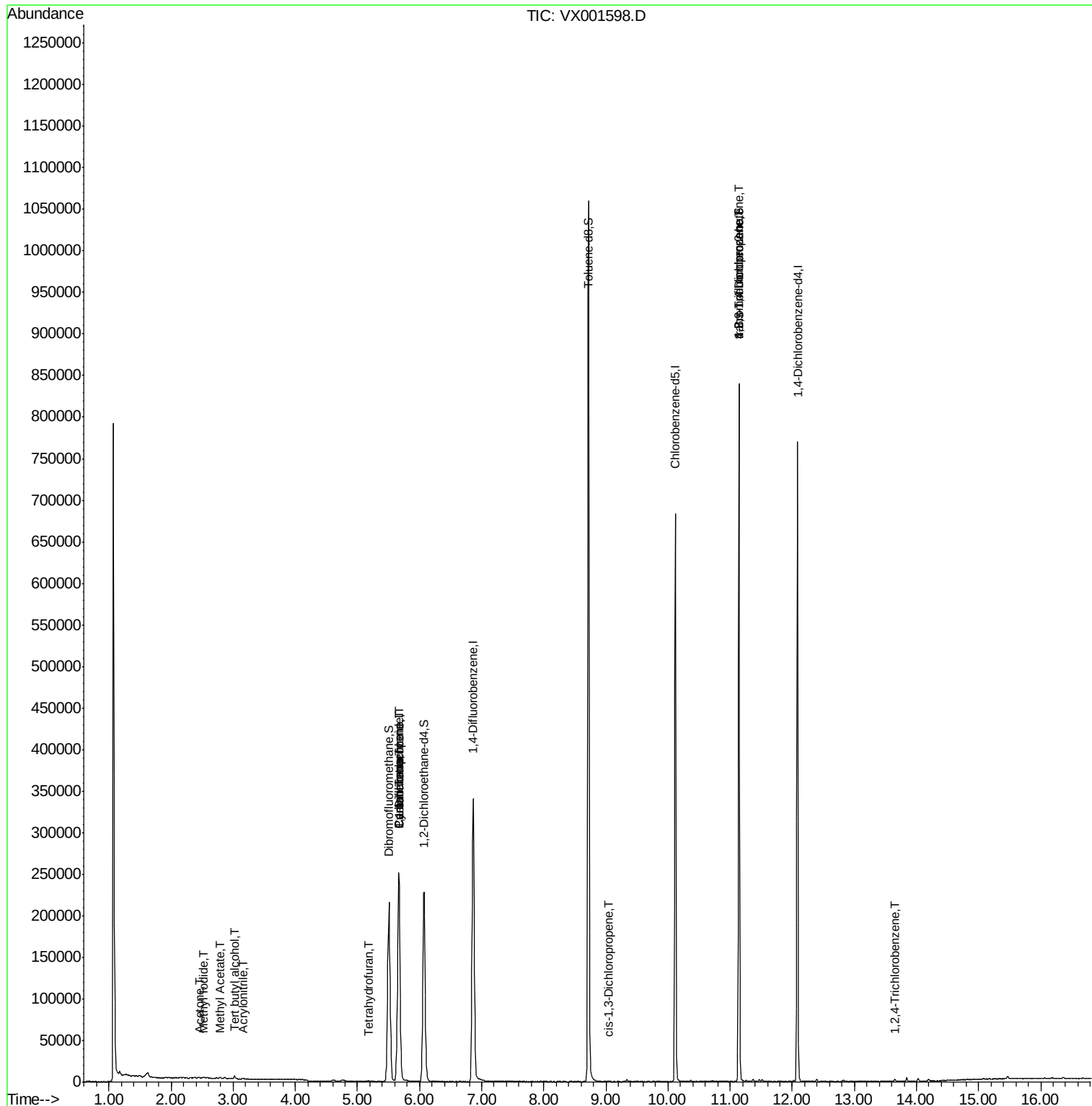
Target Compounds				Qvalue		
5) Bromomethane	1.64	94	1205	Below Cal		88
10) Methyl Iodide	2.51	142	1205	0.26 ug/l		99
11) Tert butyl alcohol	3.02	59	1906	2.39 ug/l #		81
13) Acrolein	2.29	56	163	Below Cal #		16
15) Acrylonitrile	3.15	53	691	0.38 ug/l #		78
16) Acetone	2.45	43	1505	0.88 ug/l		98
18) Methyl Acetate	2.78	43	921	0.20 ug/l #		89
29) Tetrahydrofuran	5.17	42	702	0.44 ug/l		97
31) Cyclohexane	5.67	56	4630	0.95 ug/l #		27
36) 1,1-Dichloropropene	5.66	75	16438	3.60 ug/l #		49
38) Carbon Tetrachloride	5.67	117	23126	4.75 ug/l #		16
54) cis-1,3-Dichloropropene	9.05	75	229	2.31 ug/l		92
76) 1,2,3-Trichloropropane	11.14	75	100163	29.76 ug/l #		38
81) trans-1,4-Dichloro-2-buten	11.14	75	100163	91.04 ug/l #		7
93) 1,2,4-Trichlorobenzene	13.65	180	978	0.22 ug/l		96

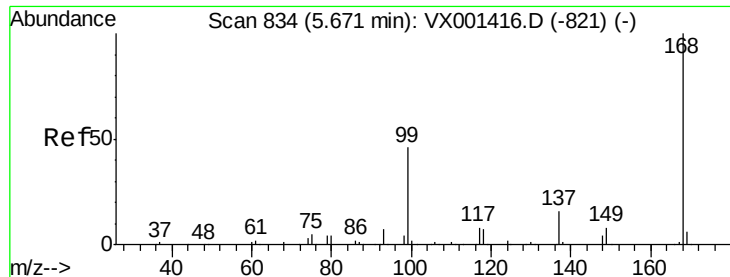
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

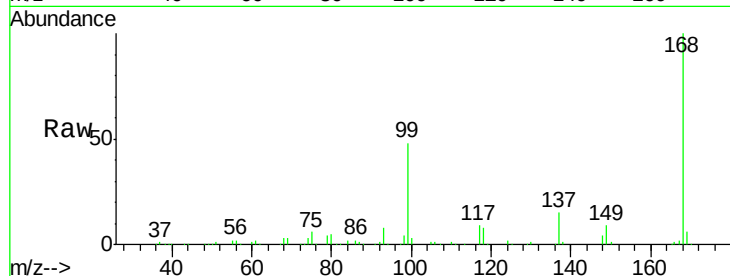
VX0510MBL01

Tgt Ion:168 Resp: 263125

Ion Ratio Lower Upper

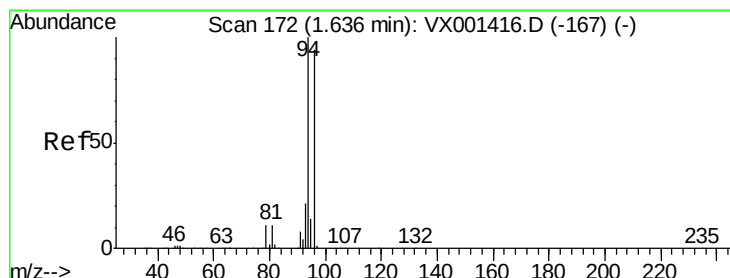
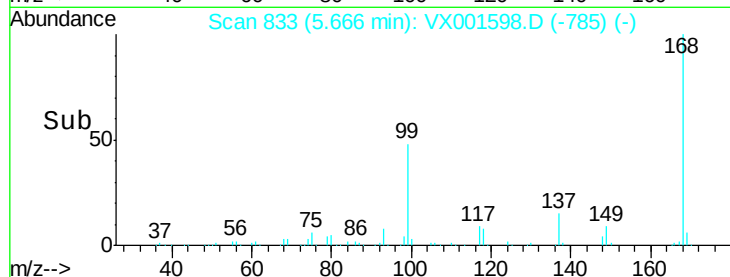
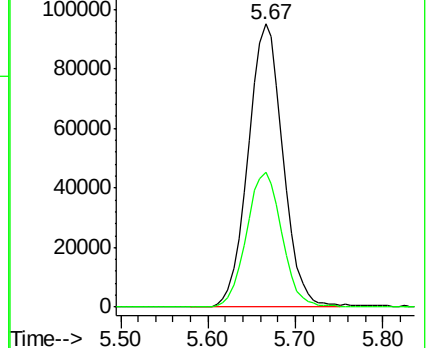
168 100

99 47.6 36.6 54.8



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: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001598.D

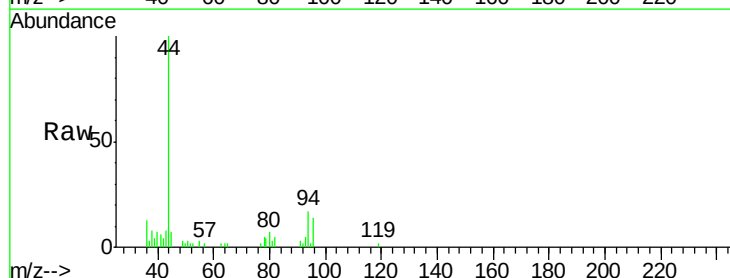
Acq: 10 May 2018 12:11

Tgt Ion: 94 Resp: 1205

Ion Ratio Lower Upper

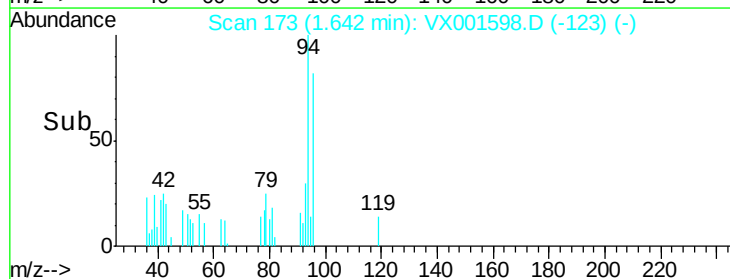
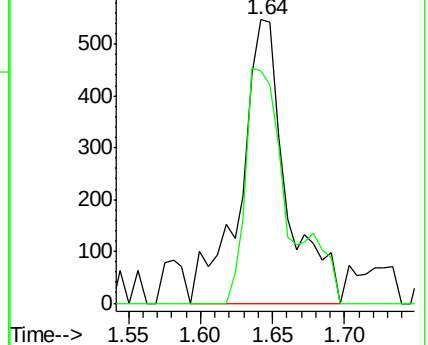
94 100

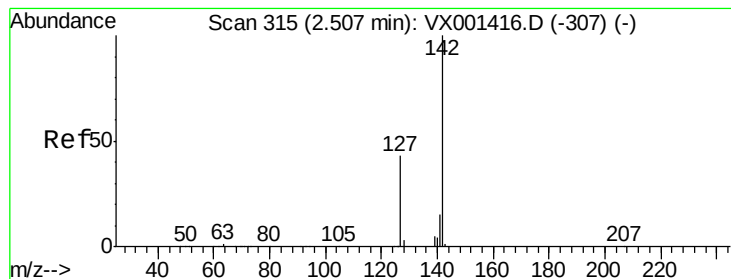
96 82.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.26 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBL01

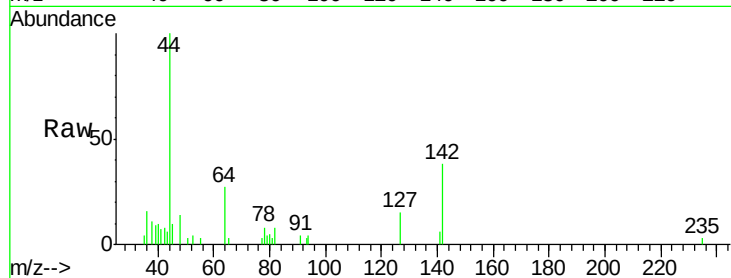
Tgt Ion:142 Resp: 1205

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

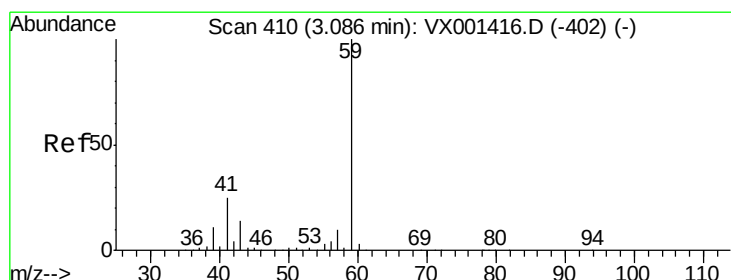
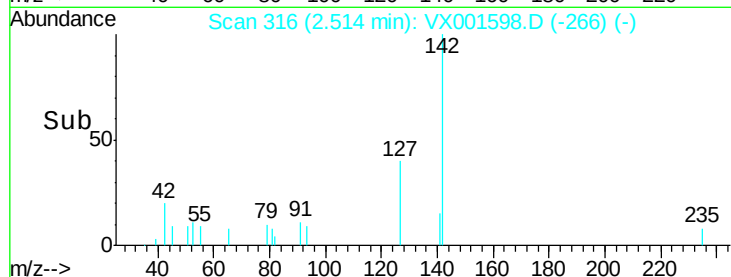
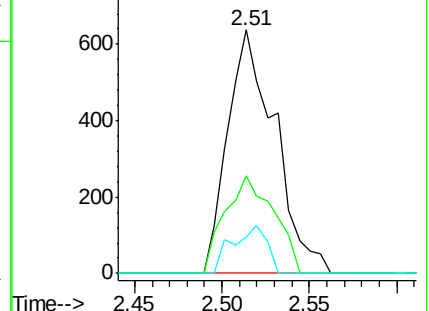
141 14.1 11.4 17.2



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: 2.39 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.07 min

Lab File: VX001598.D

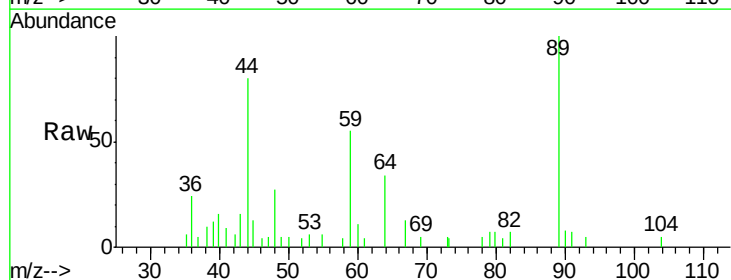
Acq: 10 May 2018 12:11

Tgt Ion: 59 Resp: 1906

Ion Ratio Lower Upper

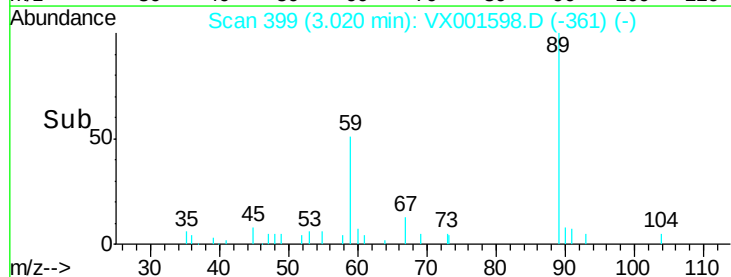
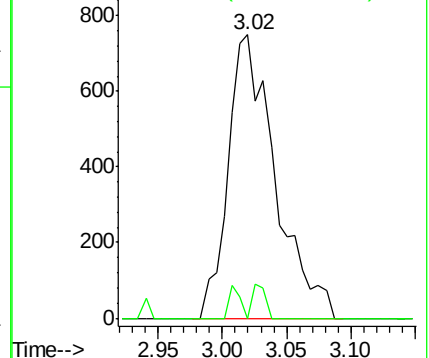
59 100

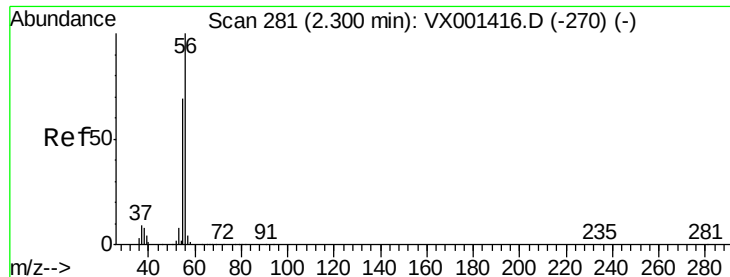
57 3.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

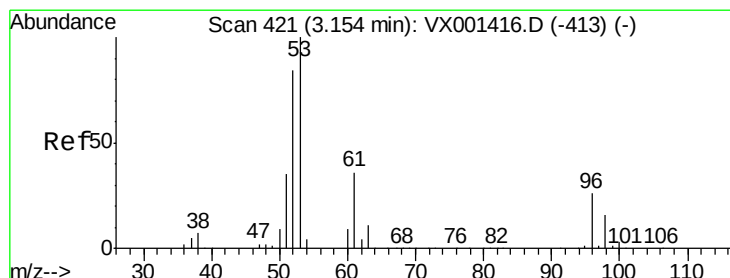
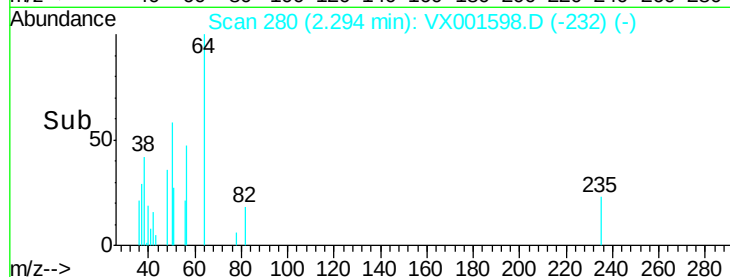
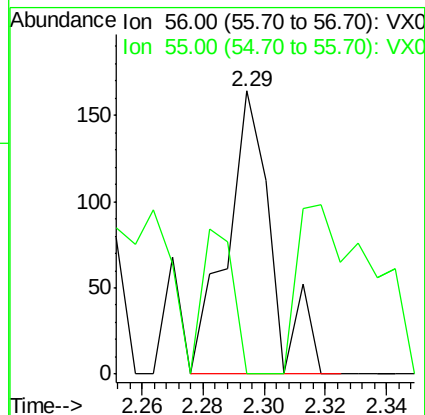
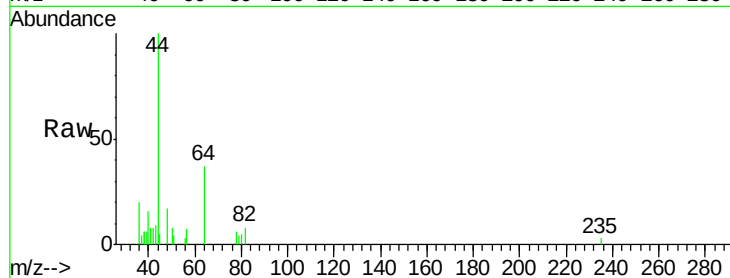
VX0510MBL01

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#15

Acrylonitrile

Concen: 0.38 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

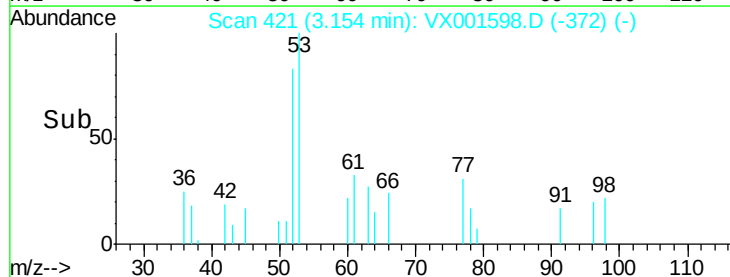
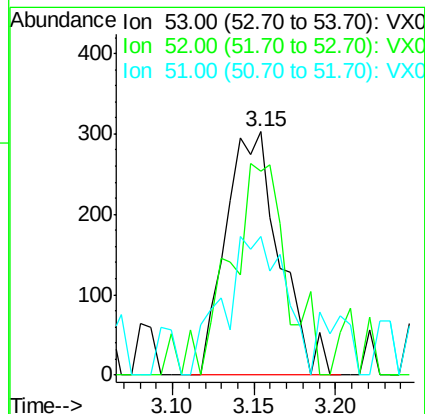
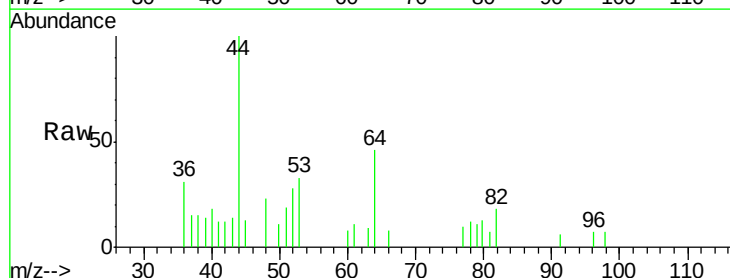
Tgt Ion: 53 Resp: 691

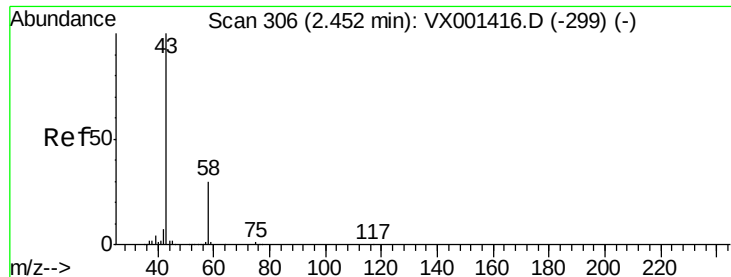
Ion Ratio Lower Upper

53 100

52 91.5 66.2 99.2

51 64.8 28.6 43.0#





#16

Acetone

Concen: 0.88 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

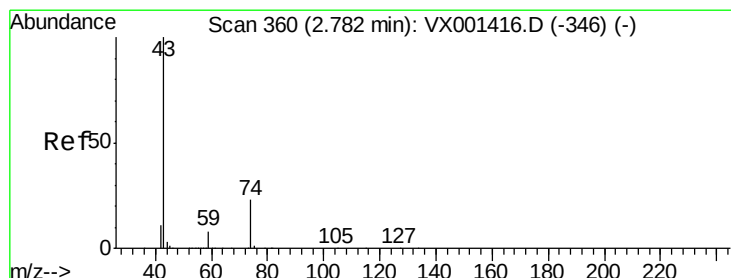
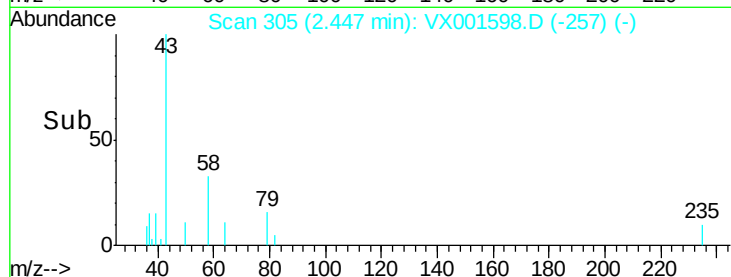
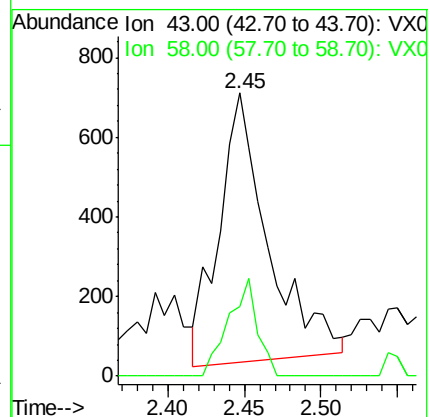
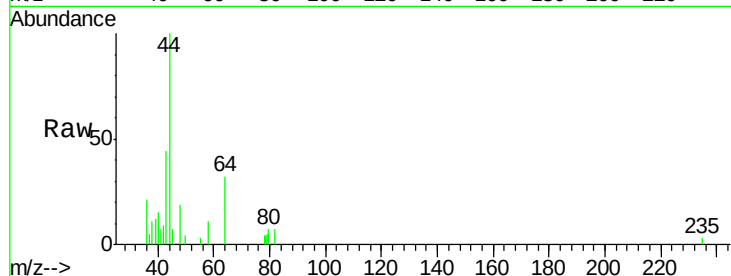
VX0510MBL01

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 28.5 23.8 35.8



#18

Methyl Acetate

Concen: 0.20 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001598.D

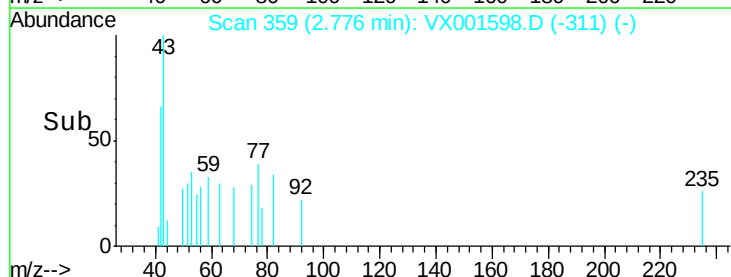
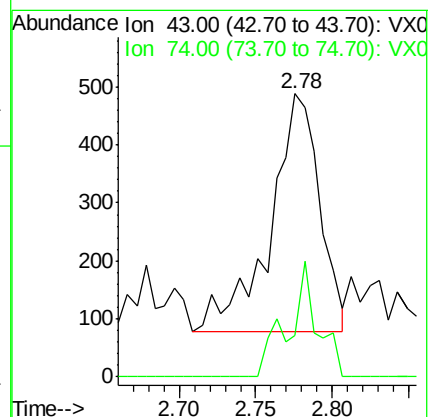
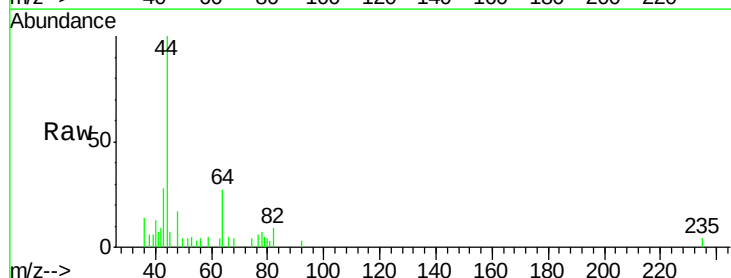
Acq: 10 May 2018 12:11

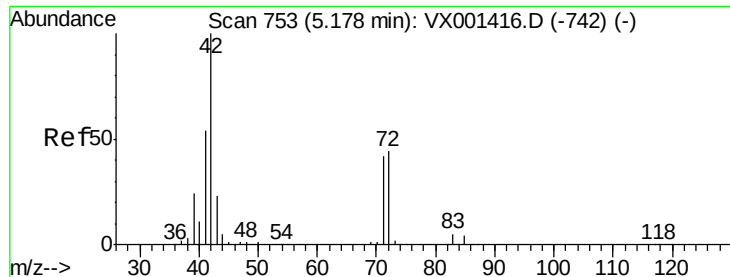
Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

74 28.4 18.6 27.8#





#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBL01

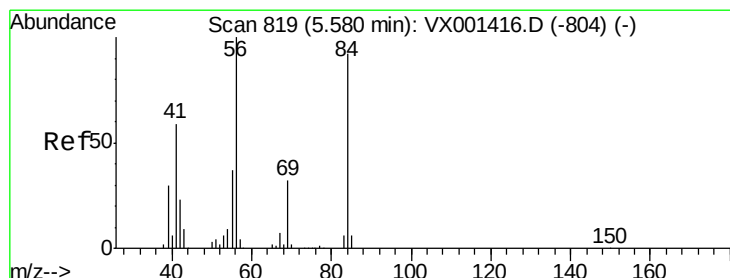
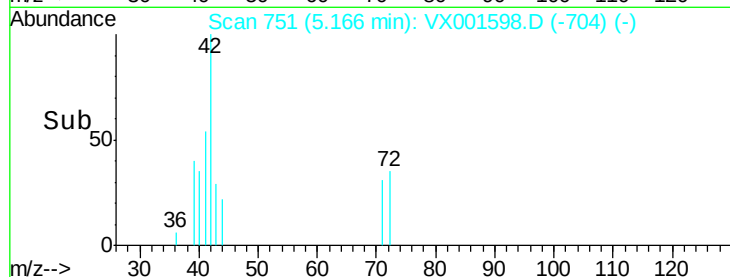
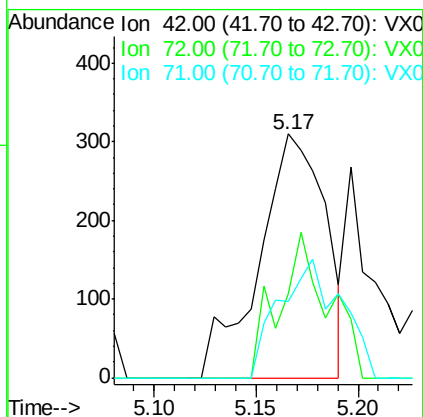
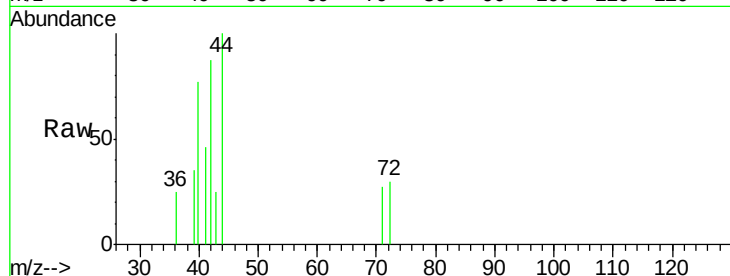
Tgt Ion: 42 Resp: 702

Ion Ratio Lower Upper

42 100

72 44.2 35.4 53.2

71 45.2 33.0 49.4



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

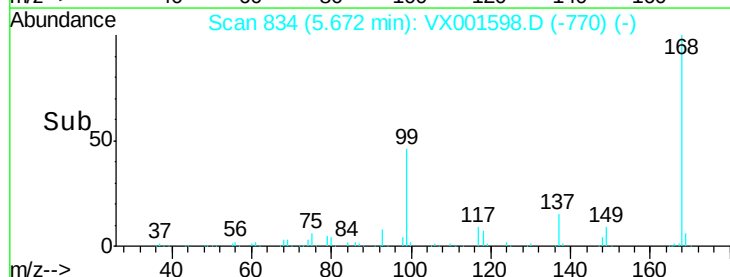
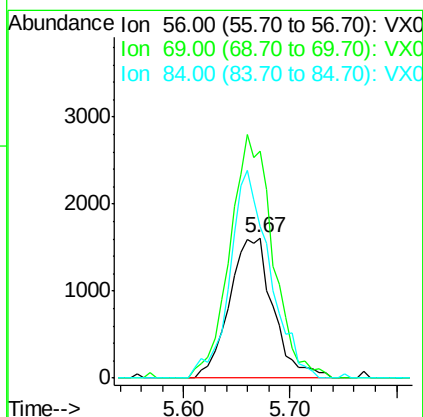
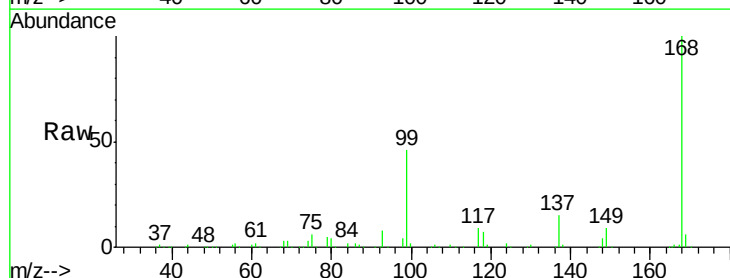
Tgt Ion: 56 Resp: 4630

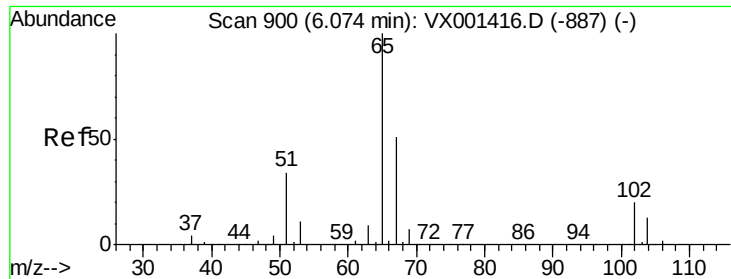
Ion Ratio Lower Upper

56 100

69 162.2 25.4 38.0#

84 108.3 73.8 110.8

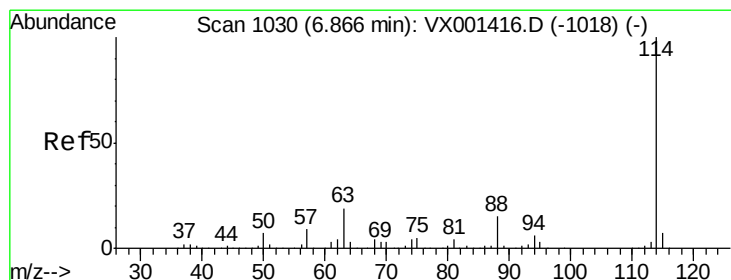
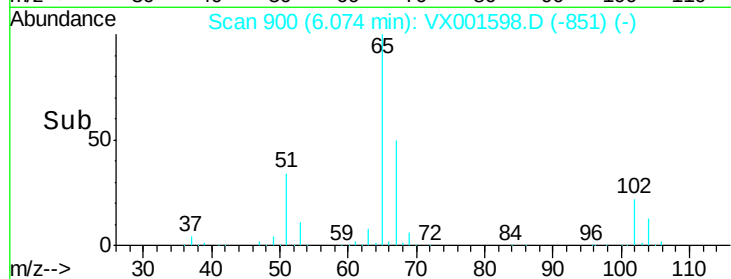
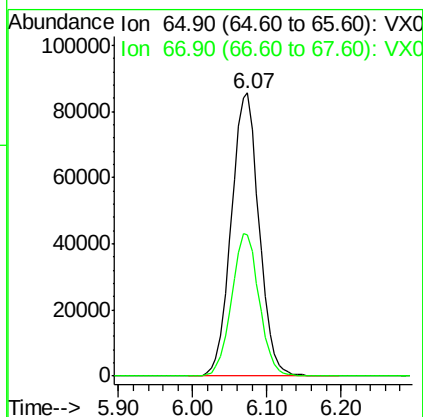
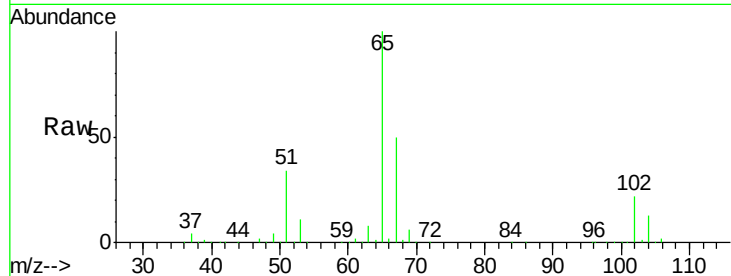




#33
 1,2-Dichloroethane-d4
 Concen: 59.29 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

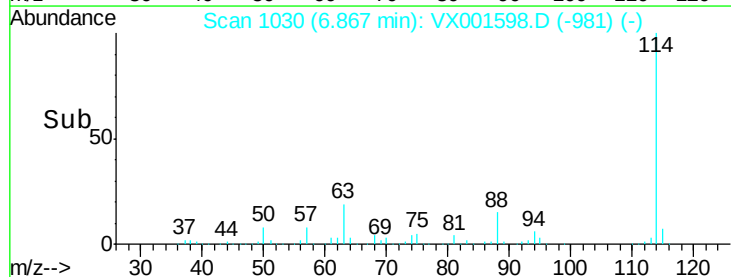
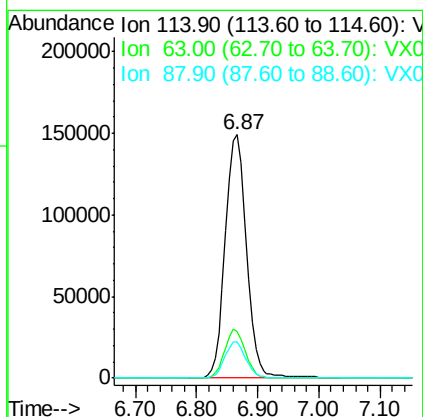
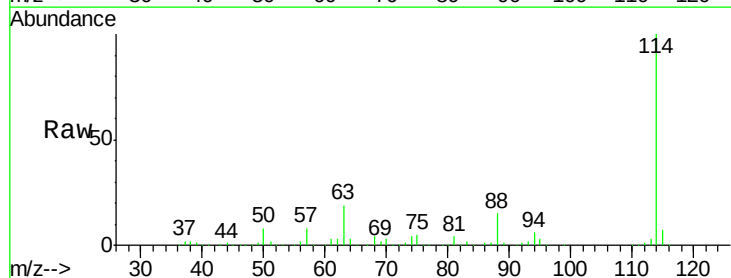
Instrument :
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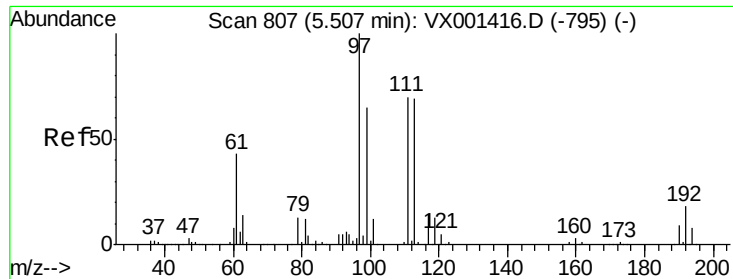
Tgt Ion: 65 Resp: 224240
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

Tgt Ion: 114 Resp: 358896
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 14.8 0.0 30.8

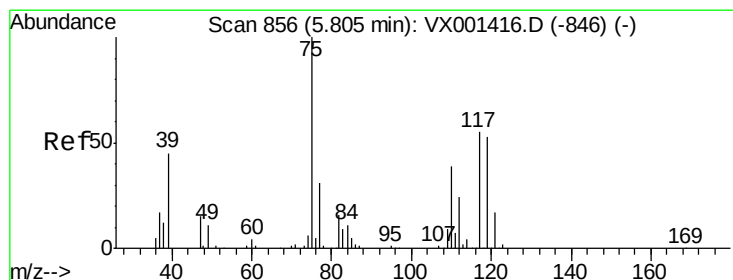
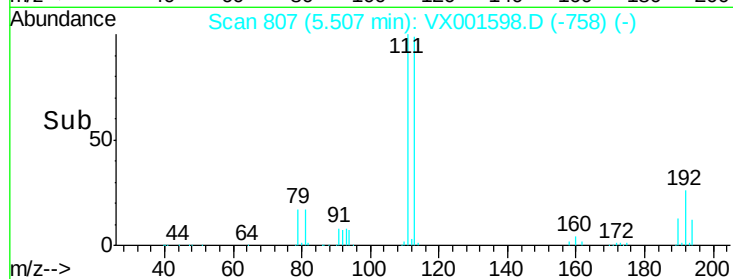
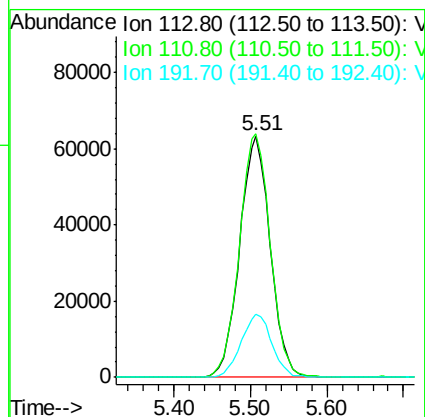
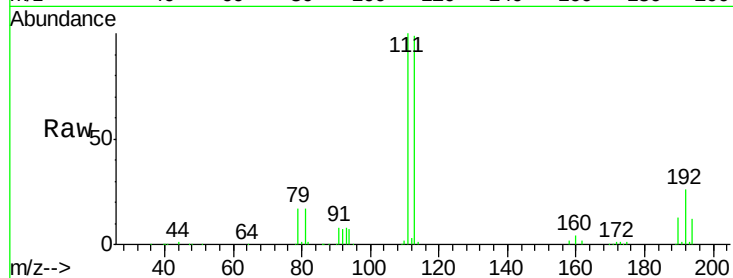




#35
 Dibromofluoromethane
 Concen: 54.79 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

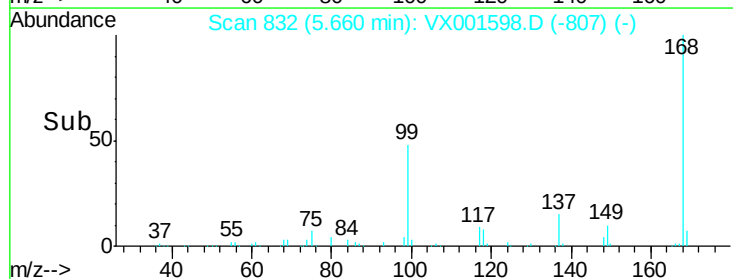
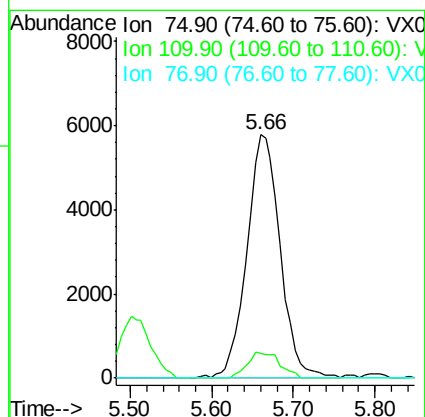
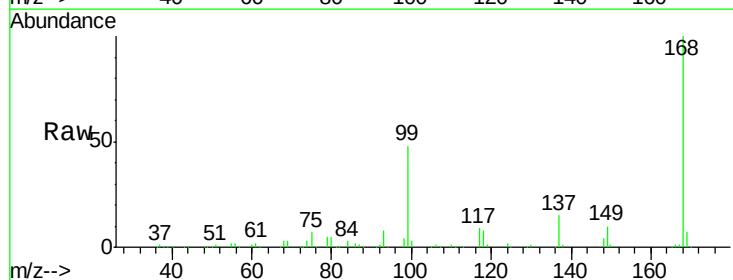
Instrument :
 MSVOA_X
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 VX0510MBL01

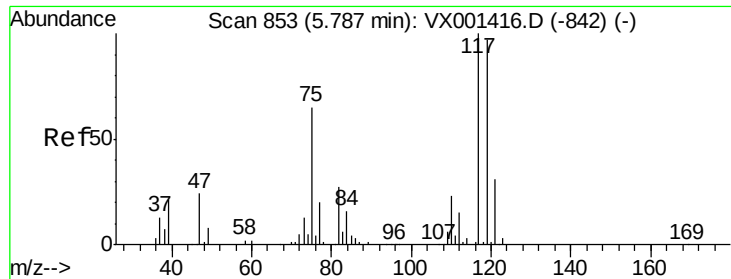
Tgt Ion:113 Resp: 174915
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.5 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.60 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

Tgt Ion: 75 Resp: 16438
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.9 56.7#
 77 0.0 24.9 37.3#

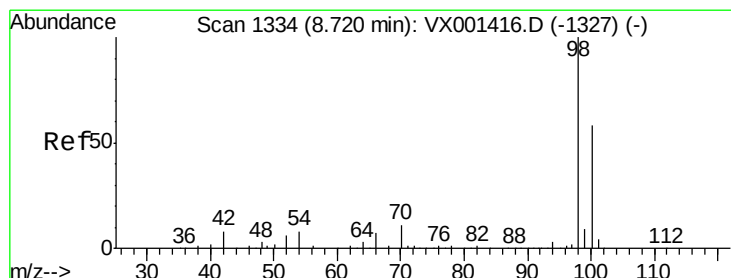
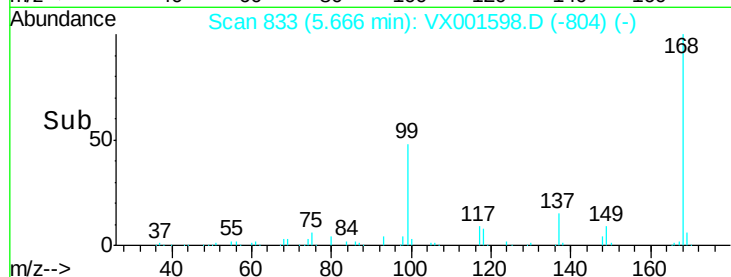
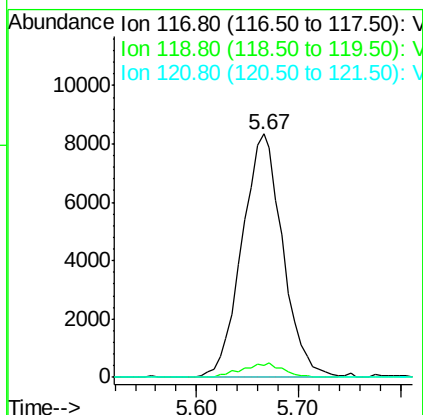
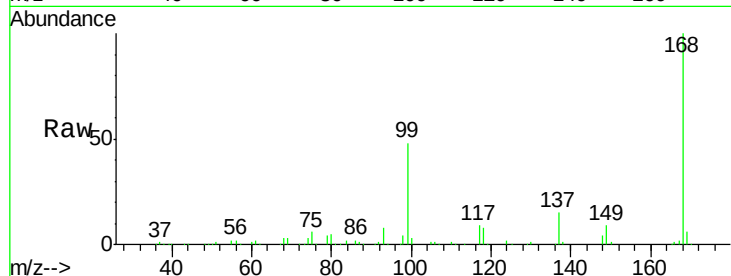




#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001598.D
Acq: 10 May 2018 12:11

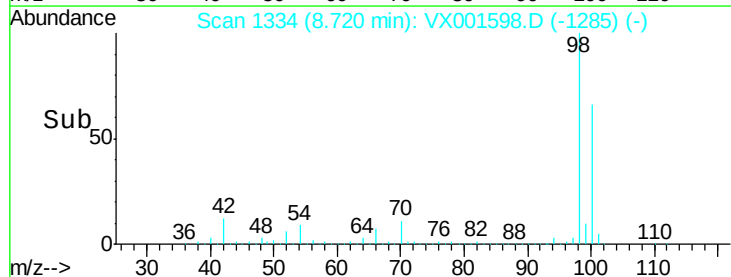
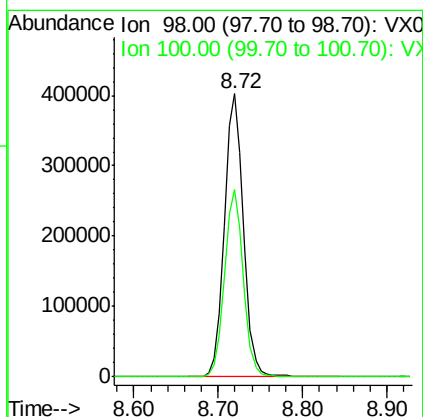
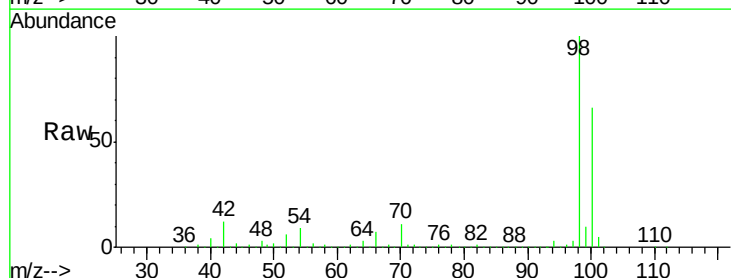
Instrument :
MSVOA_X
ClientSampled :
VX0510MBL01

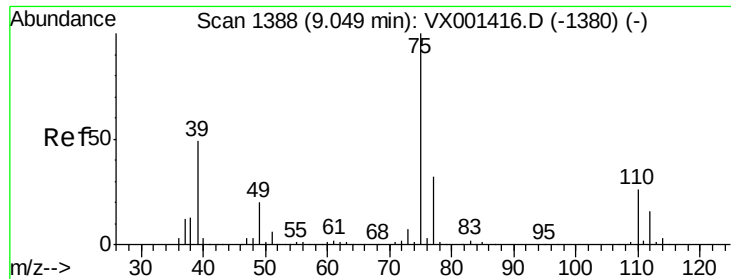
Tgt Ion: 117 Resp: 23126
Ion Ratio Lower Upper
117 100
119 4.9 77.0 115.6#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001598.D
Acq: 10 May 2018 12:11

Tgt Ion: 98 Resp: 625963
Ion Ratio Lower Upper
98 100
100 65.4 54.0 81.0

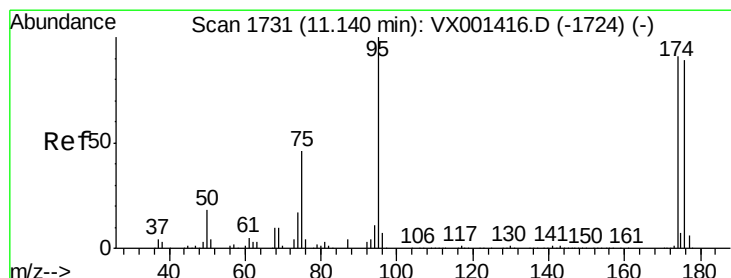
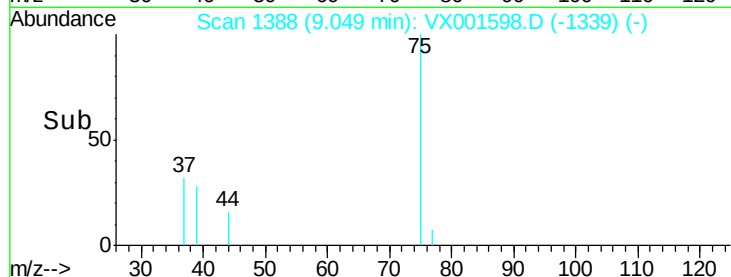
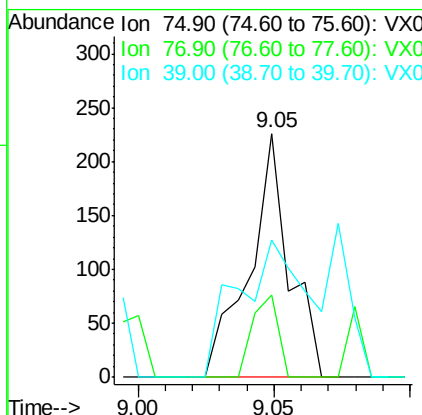
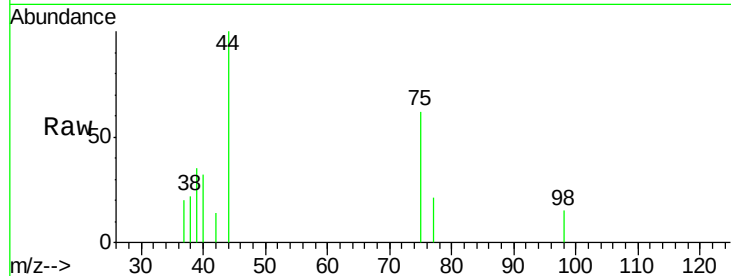




#54
 cis-1,3-Dichloropropene
 Concen: 2.31 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

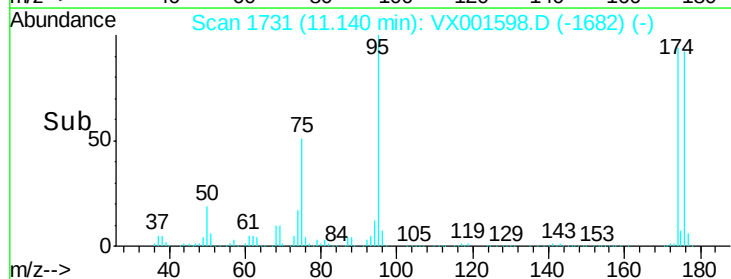
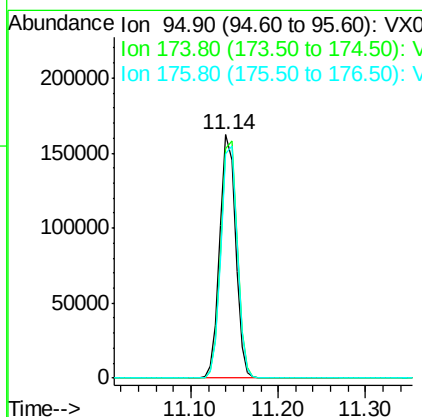
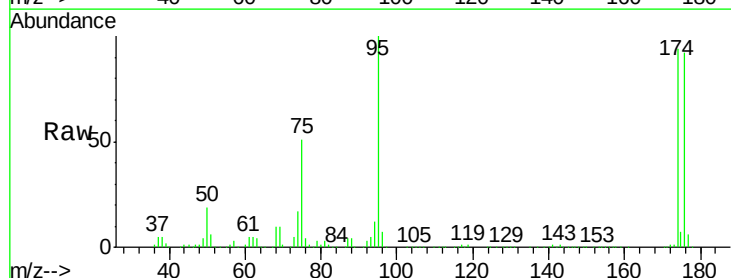
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBL01

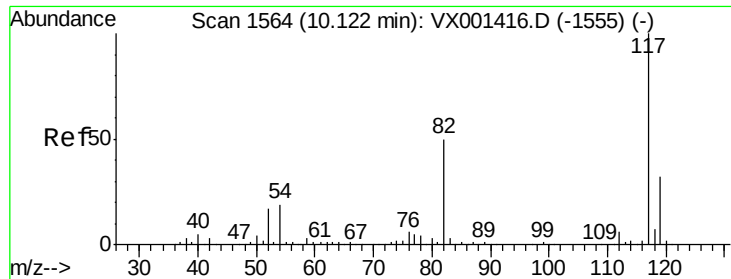
Tgt Ion: 75 Resp: 229
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.5 38.3
 39 56.2 38.9 58.3



#62
 4-Bromofluorobenzene
 Concen: 45.19 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

Tgt Ion: 95 Resp: 202155
 Ion Ratio Lower Upper
 95 100
 174 100.8 0.0 202.0
 176 98.0 0.0 197.4

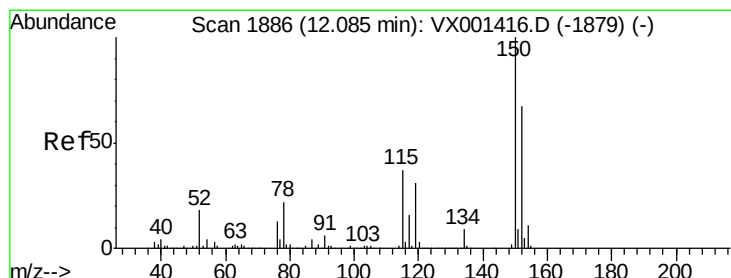
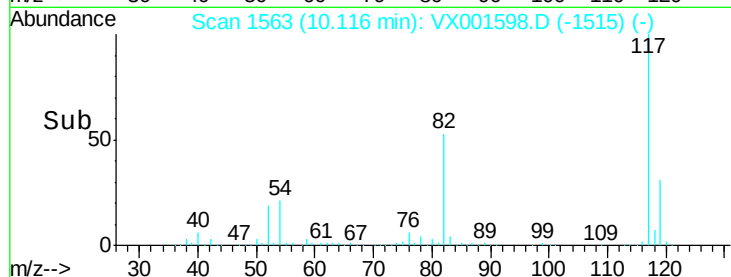
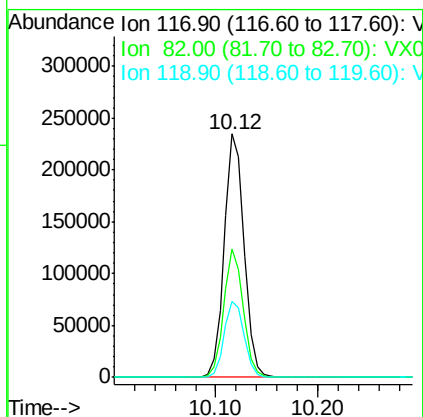
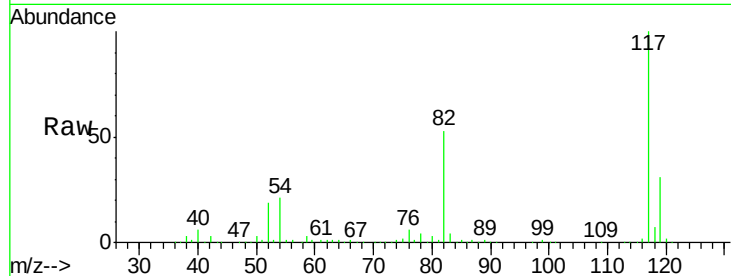




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001598.D
Acq: 10 May 2018 12:11

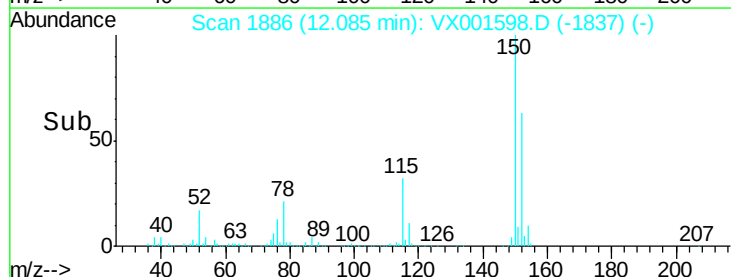
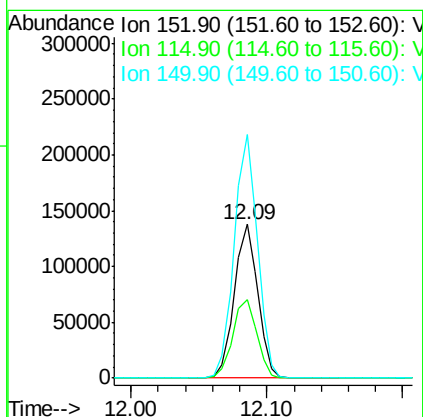
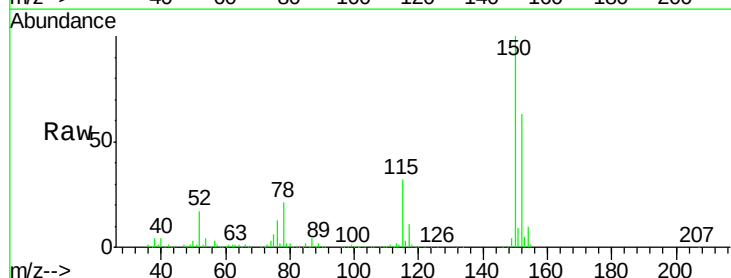
Instrument :
MSVOA_X
ClientSampleId :
VX0510MBL01

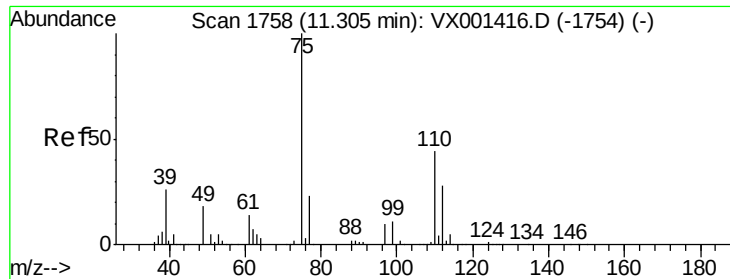
Tgt Ion:117 Resp: 315957
Ion Ratio Lower Upper
117 100
82 52.9 40.0 60.0
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001598.D
Acq: 10 May 2018 12:11

Tgt Ion:152 Resp: 165940
Ion Ratio Lower Upper
152 100
115 52.3 37.7 113.1
150 157.0 0.0 349.4

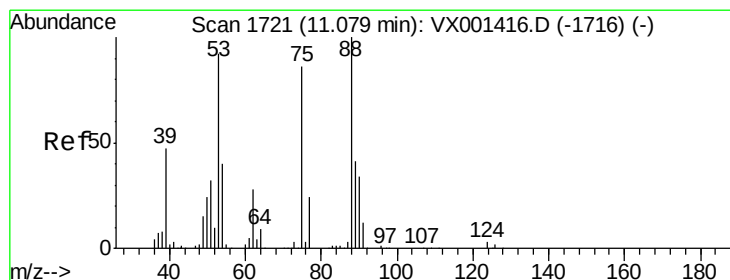
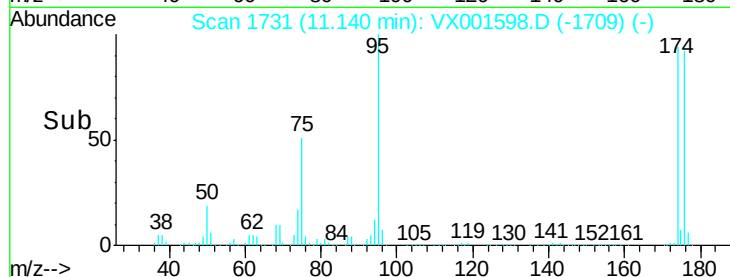
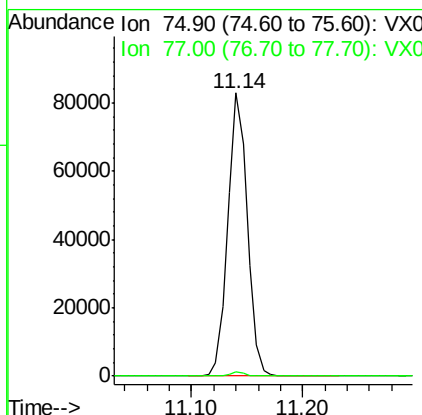
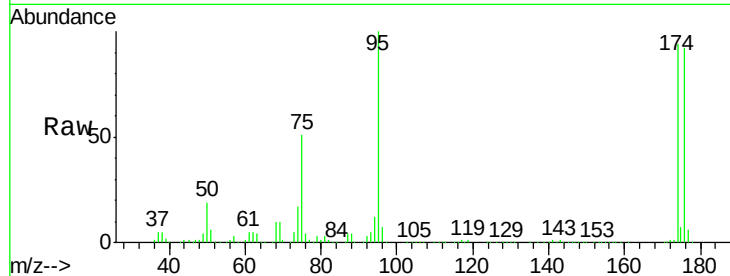




#76
 1,2,3-Trichloropropane
 Concen: 29.76 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

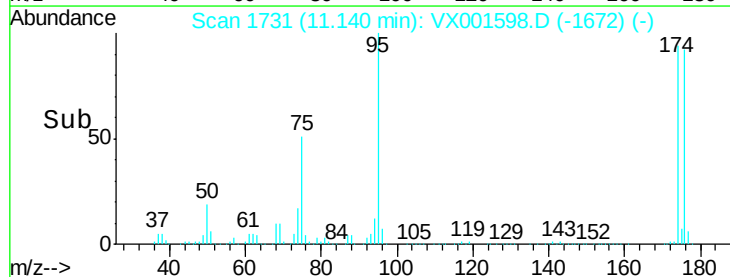
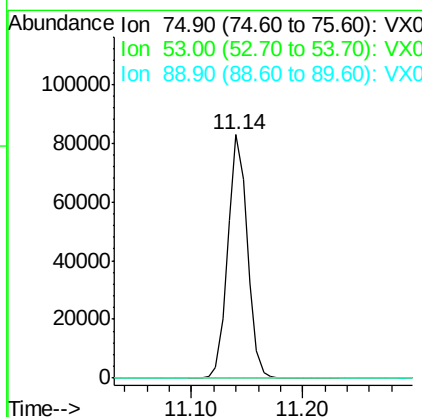
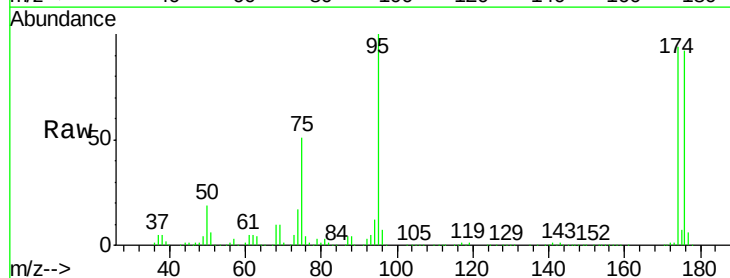
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBL01

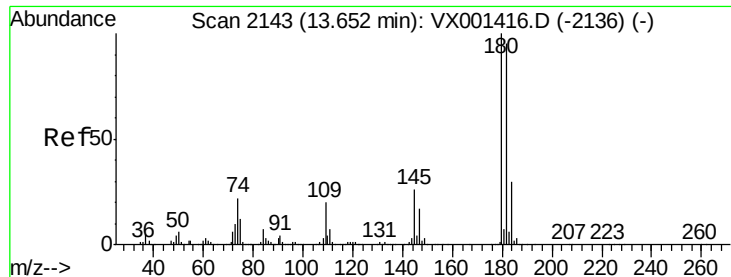
Tgt Ion: 75 Resp: 100163
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.04 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001598.D
 Acq: 10 May 2018 12:11

Tgt Ion: 75 Resp: 100163
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001598.D

Acq: 10 May 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0510MBL01

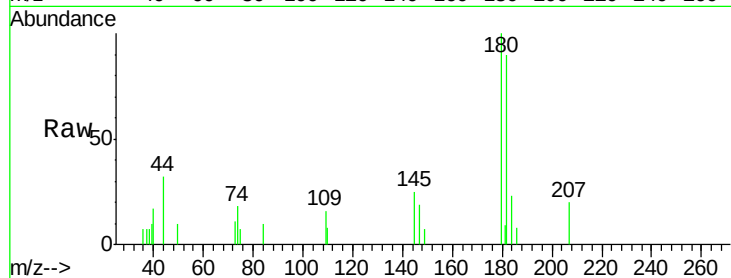
Tgt Ion:180 Resp: 978

Ion Ratio Lower Upper

180 100

182 98.6 47.8 143.4

145 29.8 13.3 39.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

