

Data File : VX003732.D
Acq On : 30 Jul 2018 19:46
Operator : JC/SP
Sample : VX0730SBL01
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730SBL01

Quant Time: Jul 31 05:43:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:41:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	110453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	161232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	62384	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
35) Dibromofluoromethane	5.51	113	49286	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	8.72	98	208288	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	75151	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

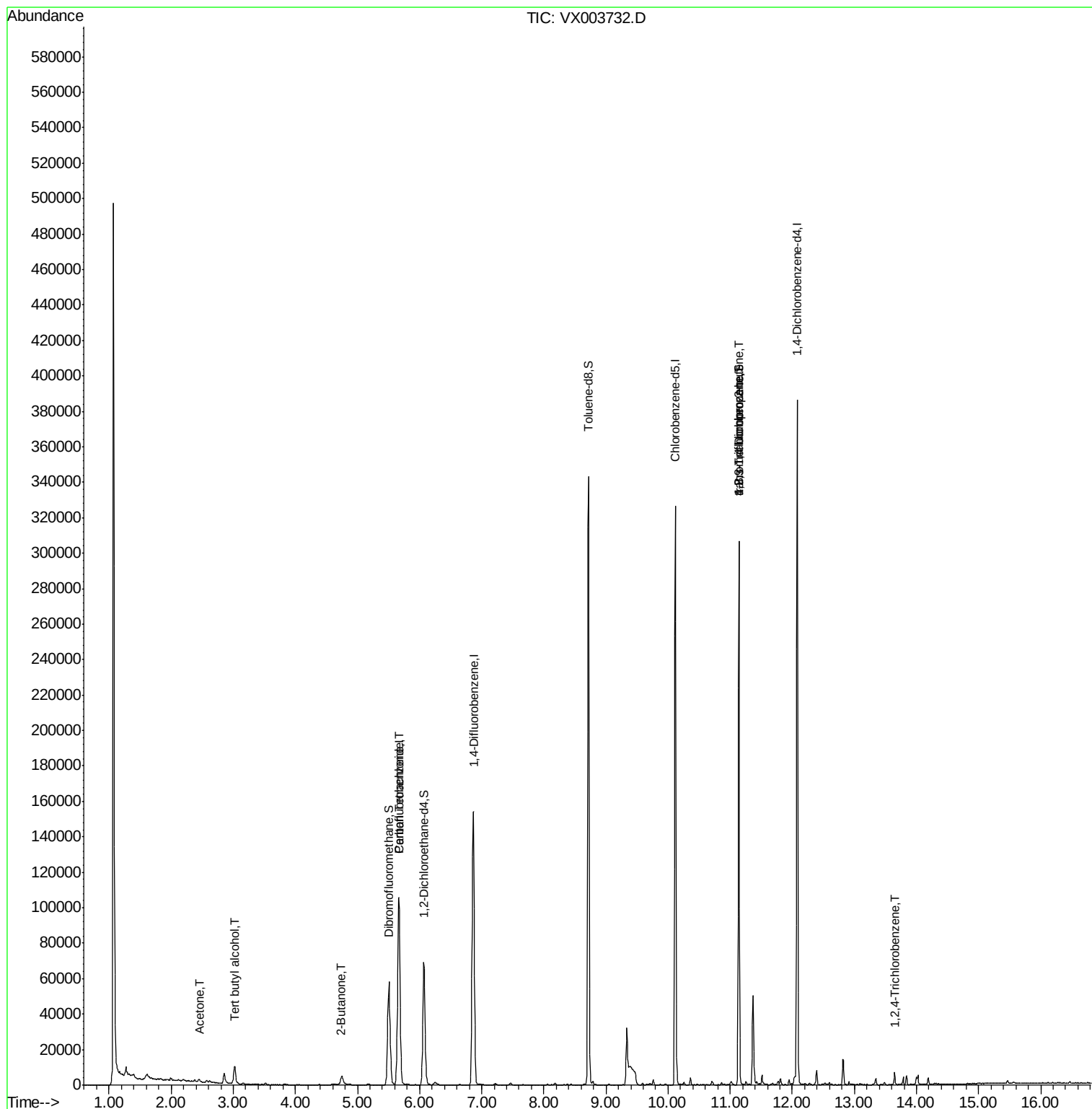
						Qvalue
5) Bromomethane	1.64	94	267	Below Cal		96
6) Chloroethane	1.71	64	249	Below Cal		89
11) Tert butyl alcohol	3.03	59	6245	34.525 ug/l #		73
16) Acetone	2.45	43	1583	3.710 ug/l		92
20) Methylene Chloride	2.85	84	2747	Below Cal		94
25) 2-Butanone	4.72	43	643	1.034 ug/l #		49
38) Carbon Tetrachloride	5.67	117	9652	6.911 ug/l #		16
76) 1,2,3-Trichloropropane	11.14	75	36018	31.743 ug/l #		35
81) trans-1,4-Dichloro-2-buten	11.14	75	36018	94.023 ug/l #		11
93) 1,2,4-Trichlorobenzene	13.65	180	2038	1.015 ug/l		98

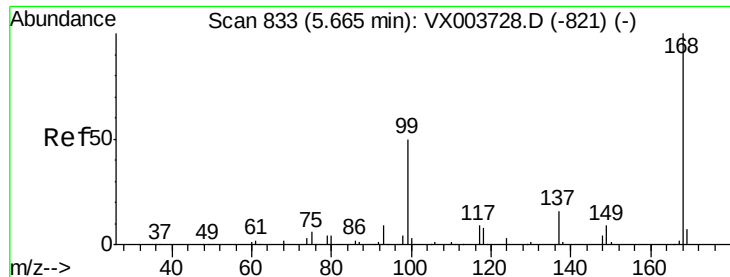
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VX0730SBL01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003732.D

Acq: 30 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

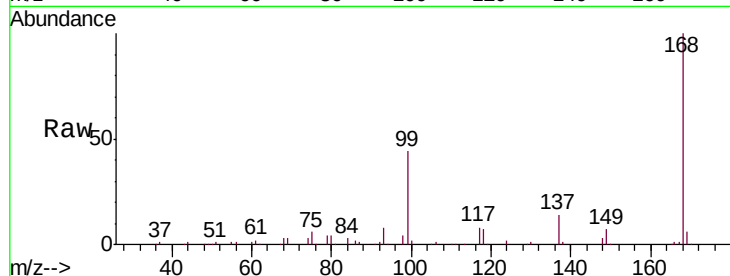
VX0730SBL01

Tgt Ion:168 Resp: 110453

Ion Ratio Lower Upper

168 100

99 44.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

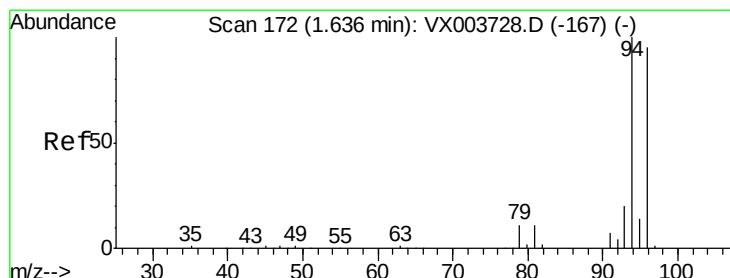
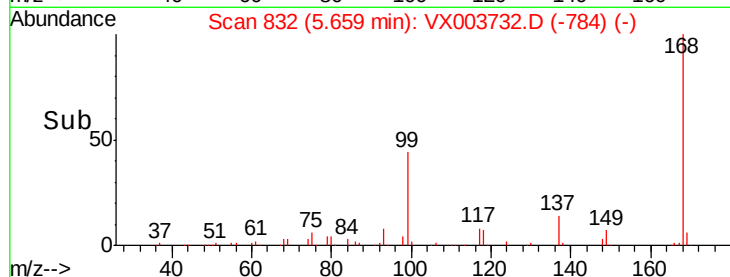
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003732.D

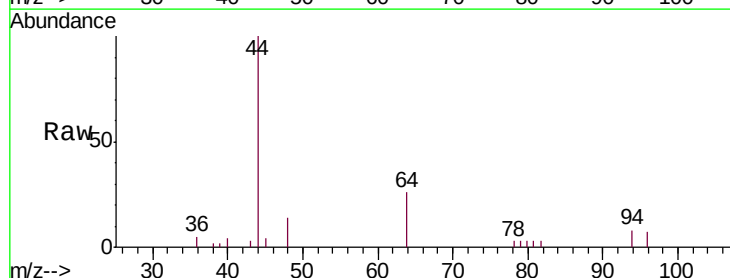
Acq: 30 Jul 2018 19:46

Tgt Ion: 94 Resp: 267

Ion Ratio Lower Upper

94 100

96 91.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

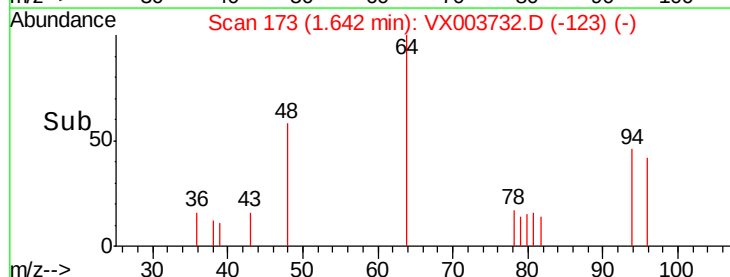
150

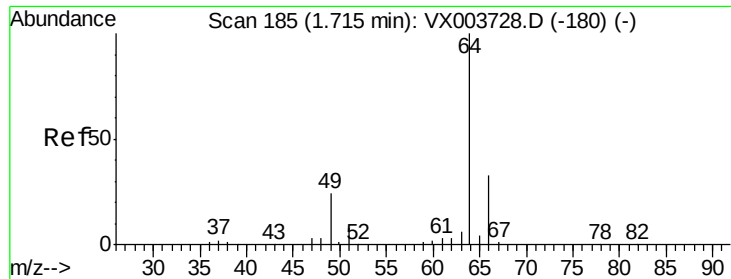
100

50

0

Time--> 1.60 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003732.D

Acq: 30 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

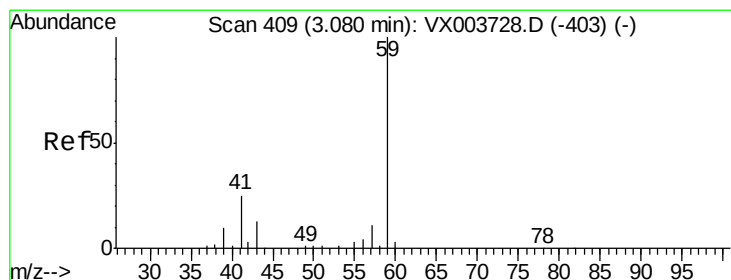
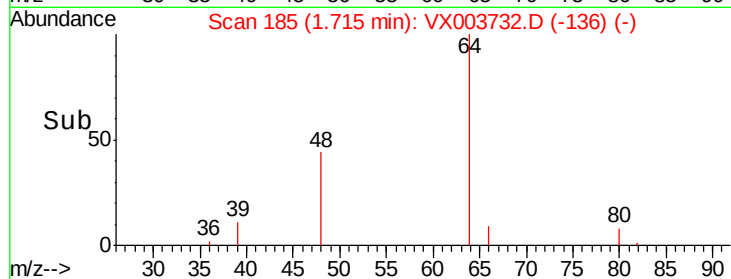
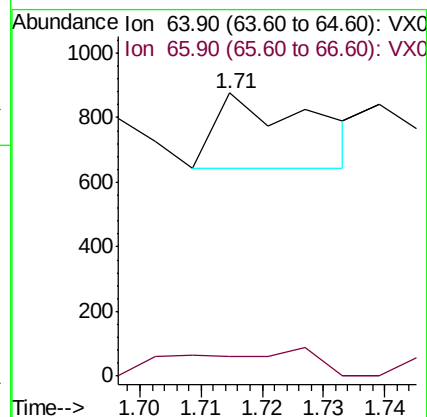
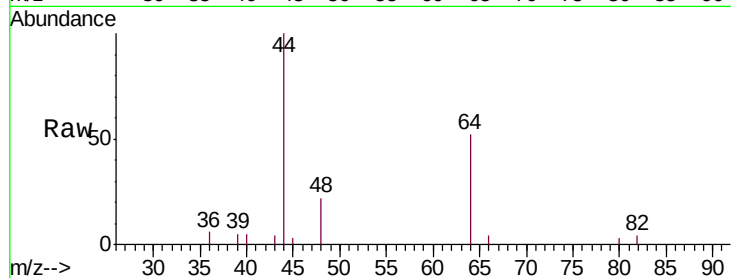
VX0730SBL01

Tgt Ion: 64 Resp: 249

Ion Ratio Lower Upper

64 100

66 26.8 26.4 39.6



#11

Tert butyl alcohol

Concen: 34.525 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX003732.D

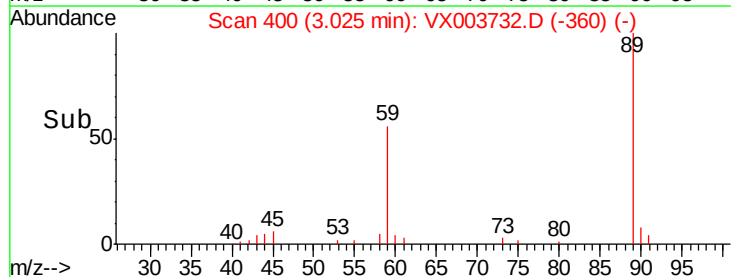
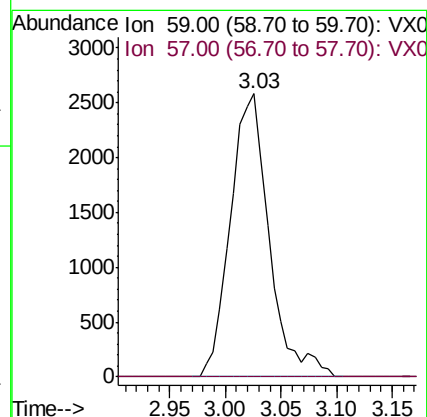
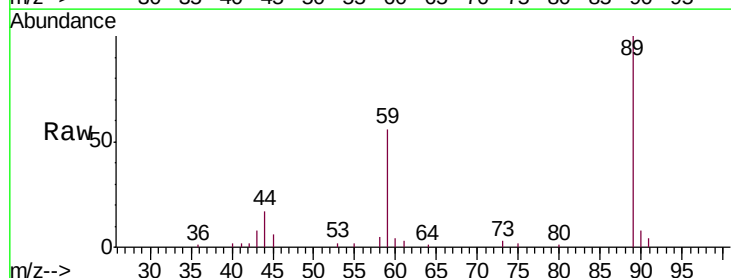
Acq: 30 Jul 2018 19:46

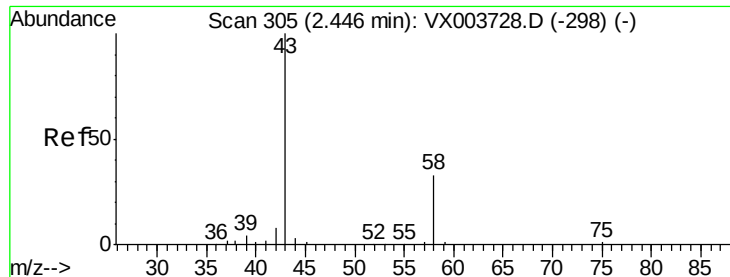
Tgt Ion: 59 Resp: 6245

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#16

Acetone

Concen: 3.710 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003732.D

Acq: 30 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

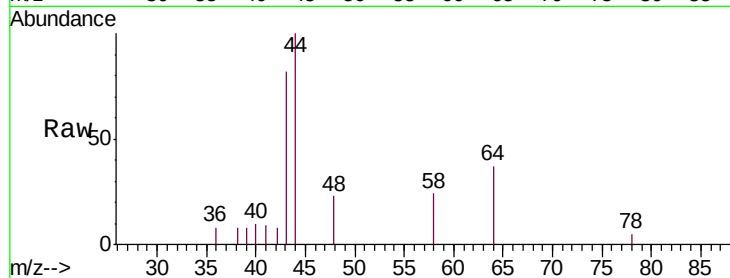
VX0730SBL01

Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

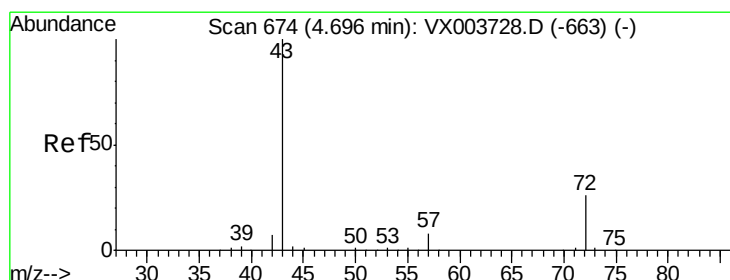
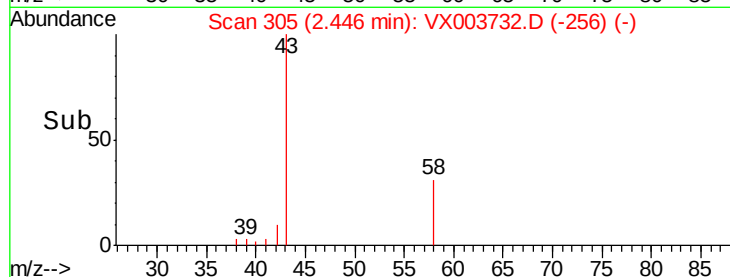
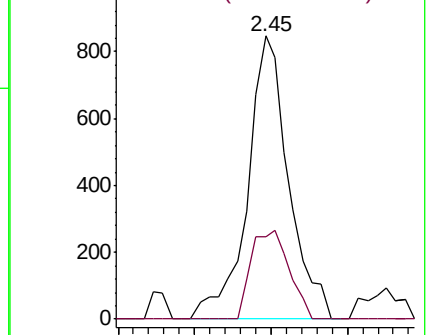
43 100

58 29.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 1.034 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.02 min

Lab File: VX003732.D

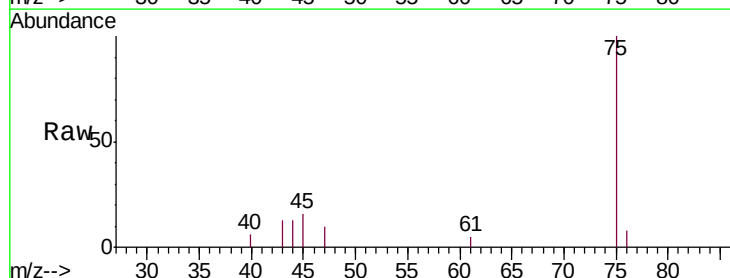
Acq: 30 Jul 2018 19:46

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

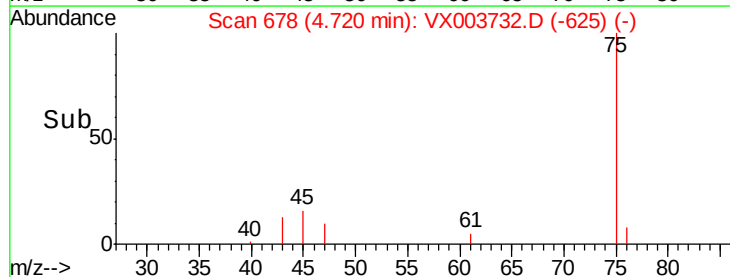
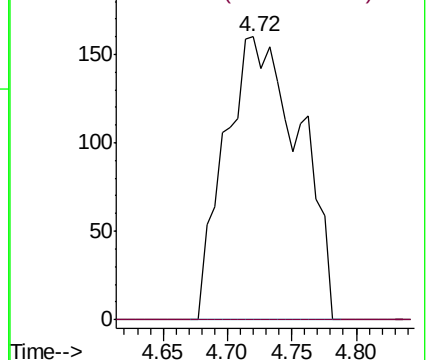
43 100

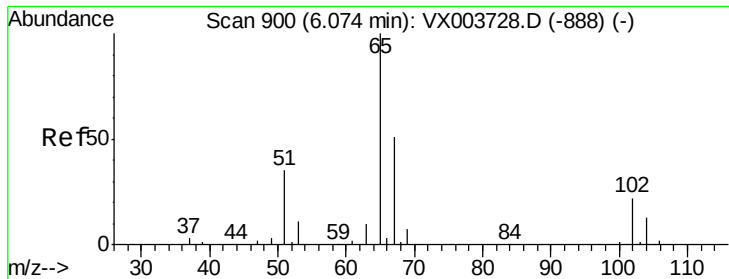
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

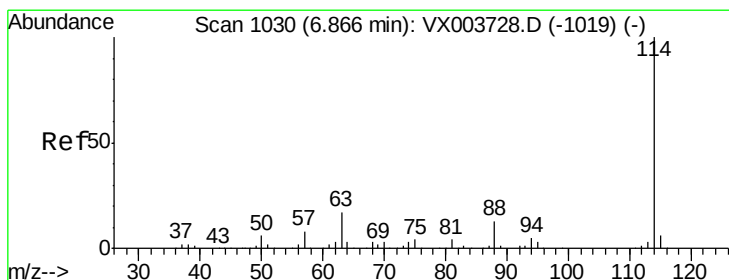
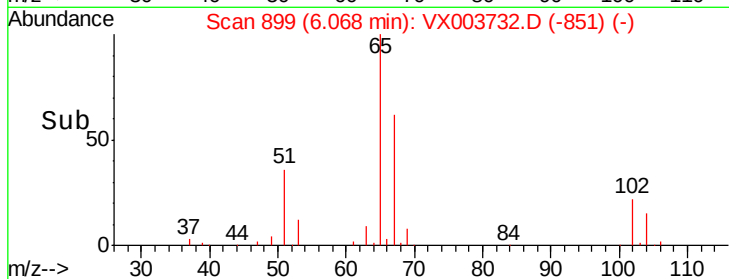
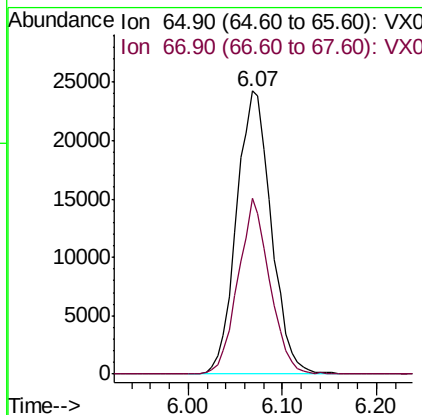
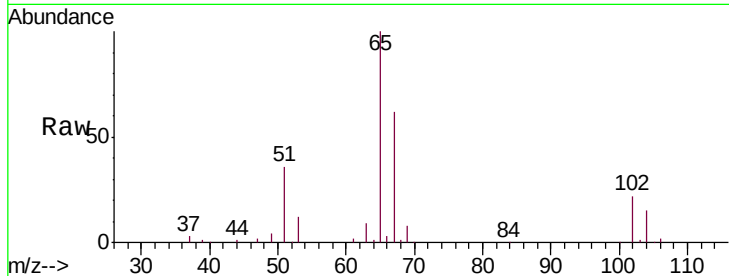




#33
 1,2-Dichloroethane-d4
 Concen: 55.845 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003732.D
 Acq: 30 Jul 2018 19:46

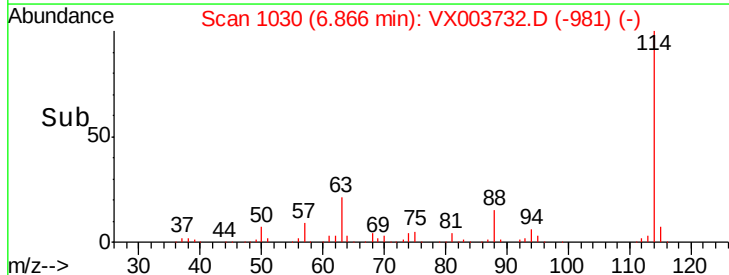
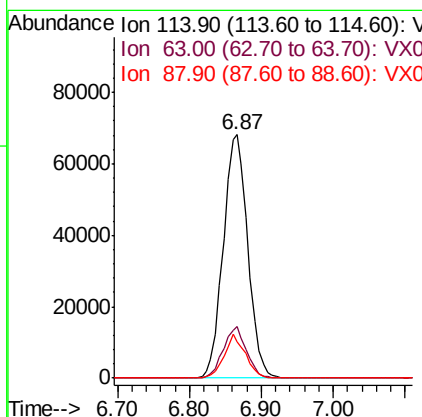
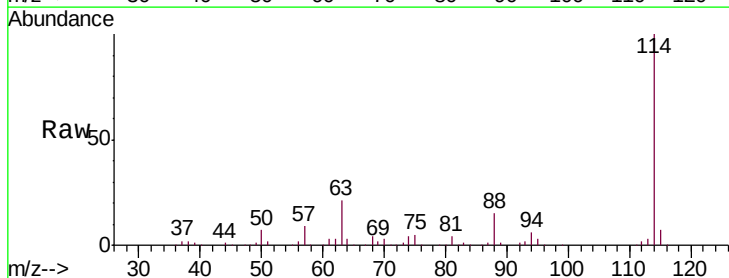
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730SBL01

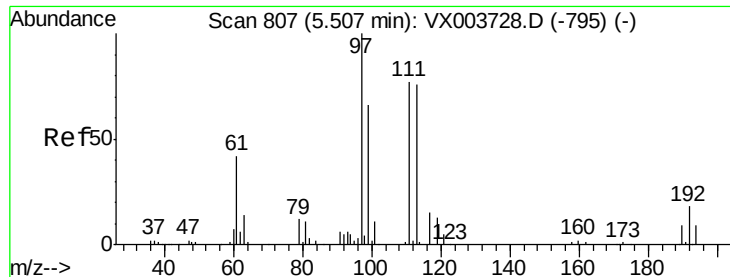
Tgt Ion: 65 Resp: 62384
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003732.D
 Acq: 30 Jul 2018 19:46

Tgt Ion: 114 Resp: 161232
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 34.0
 88 15.1 0.0 26.4

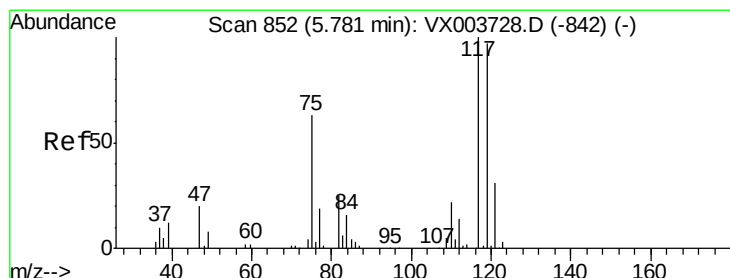
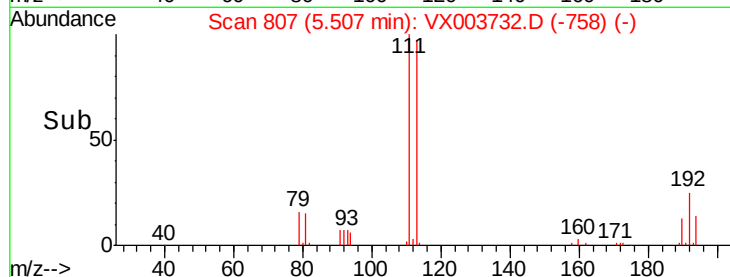
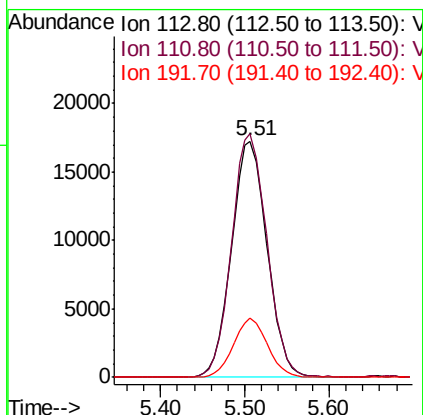
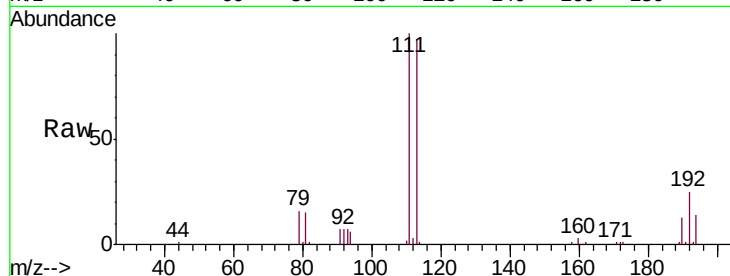




#35
Dibromofluoromethane
Concen: 51.914 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003732.D
Acq: 30 Jul 2018 19:46

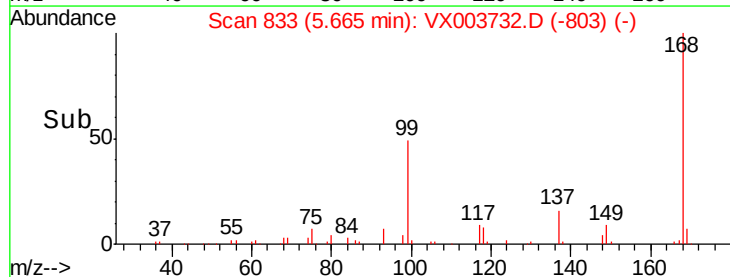
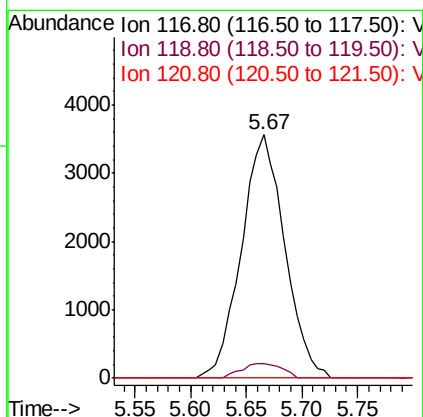
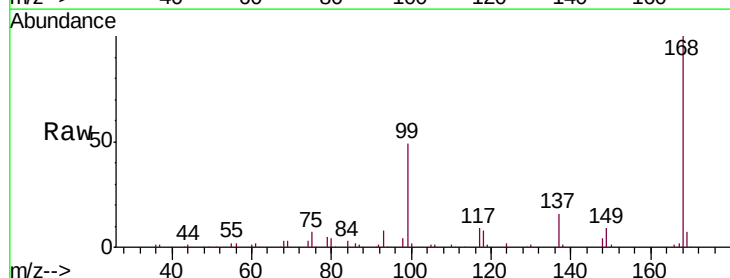
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBL01

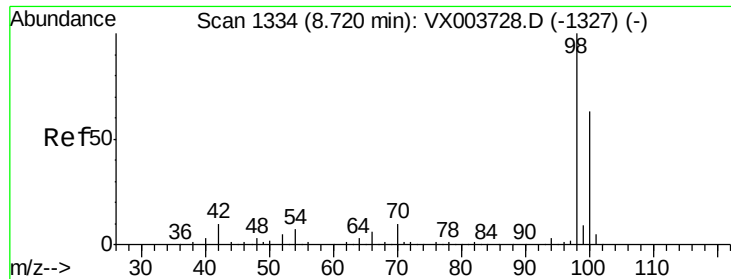
Tgt Ion:113 Resp: 49286
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 23.7 18.8 28.2



#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003732.D
Acq: 30 Jul 2018 19:46

Tgt Ion:117 Resp: 9652
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 25.0 37.4#

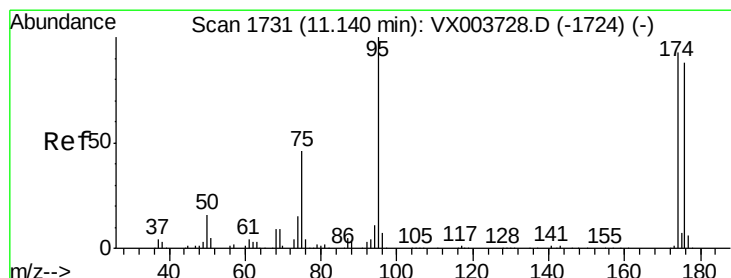
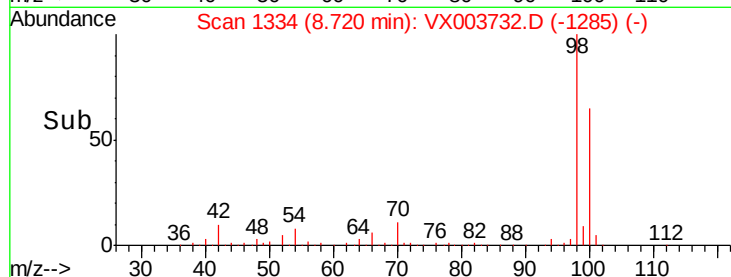
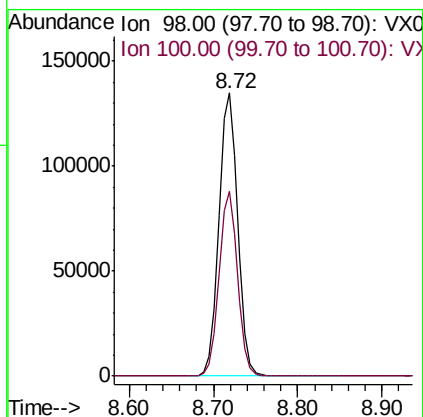
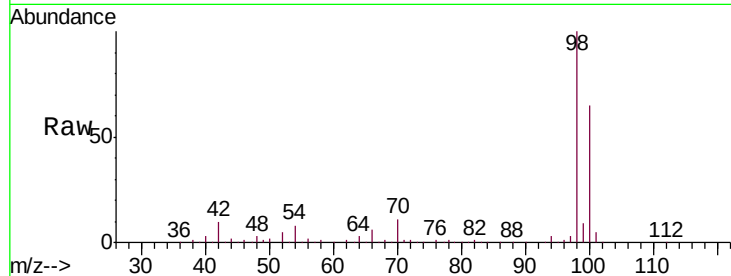




#50
Toluene-d8
Concen: 52.621 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003732.D
Acq: 30 Jul 2018 19:46

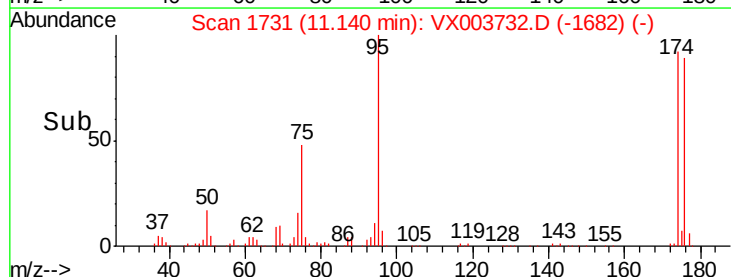
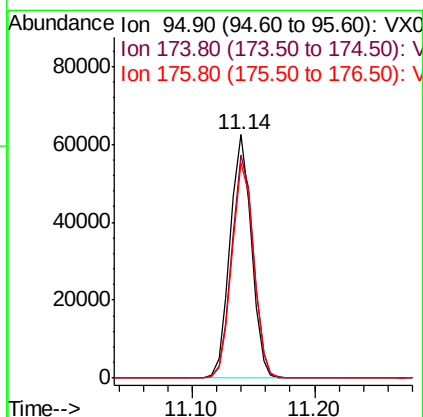
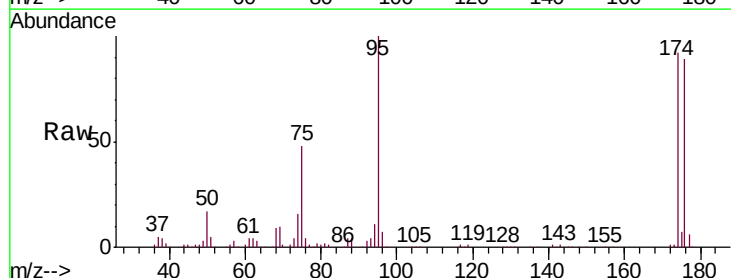
Instrument :
MSVOA_X
ClientSampleId :
VX0730SBL01

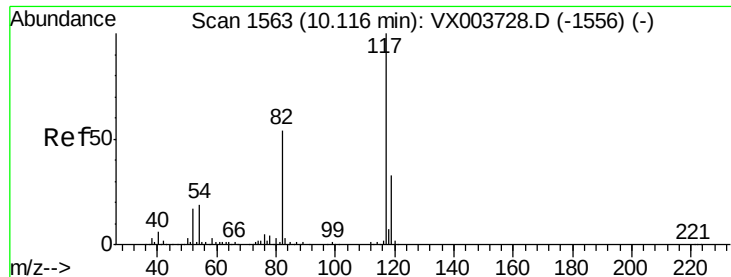
Tgt Ion: 98 Resp: 208288
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.493 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003732.D
Acq: 30 Jul 2018 19:46

Tgt Ion: 95 Resp: 75151
Ion Ratio Lower Upper
95 100
174 93.4 0.0 186.2
176 89.9 0.0 179.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003732.D

Acq: 30 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0730SBL01

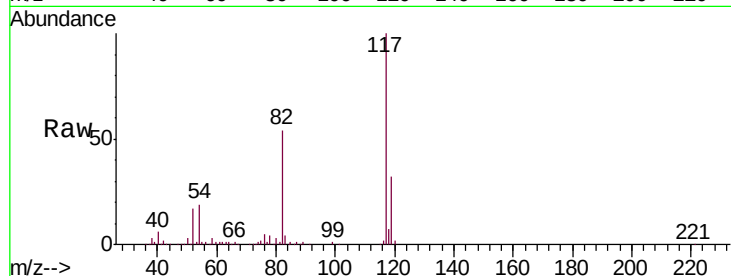
Tgt Ion:117 Resp: 150862

Ion Ratio Lower Upper

117 100

82 53.9 43.2 64.8

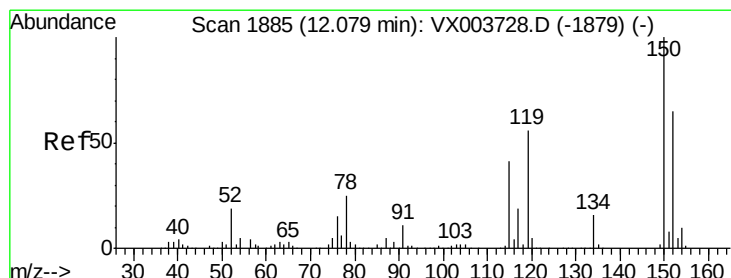
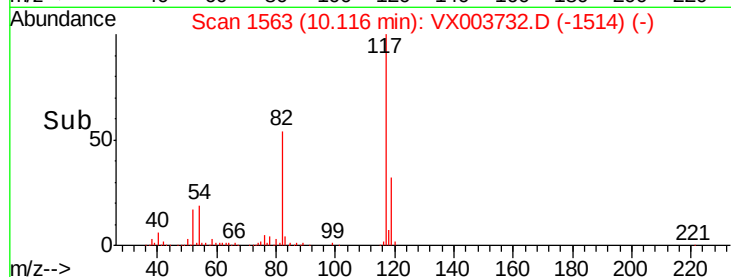
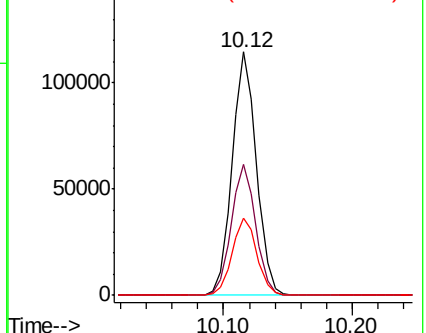
119 31.9 26.3 39.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003732.D

Acq: 30 Jul 2018 19:46

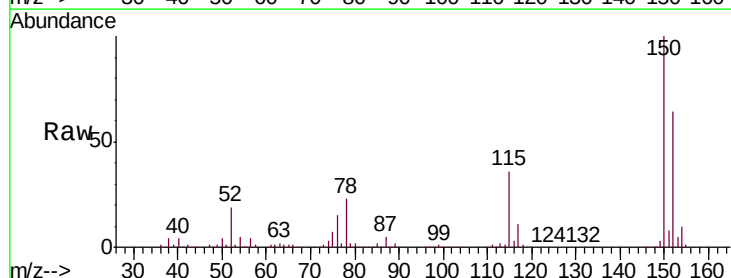
Tgt Ion:152 Resp: 82321

Ion Ratio Lower Upper

152 100

115 55.5 38.5 115.3

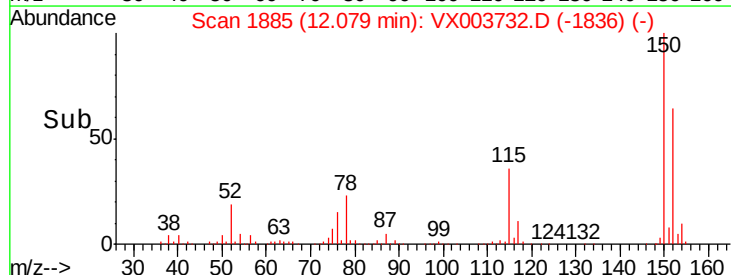
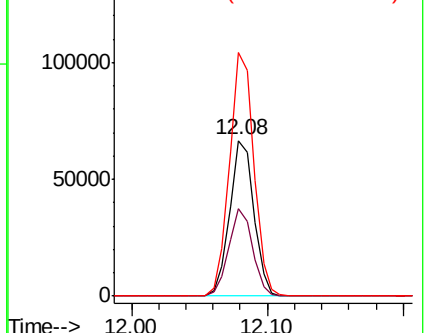
150 157.4 0.0 346.2

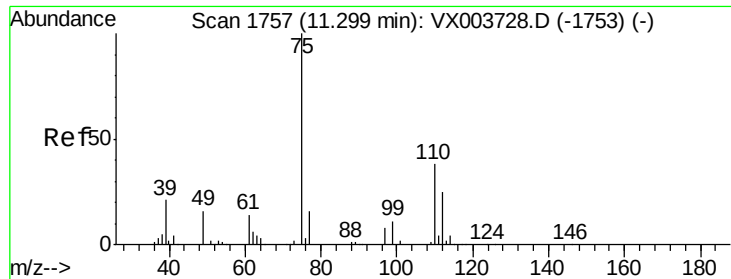


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

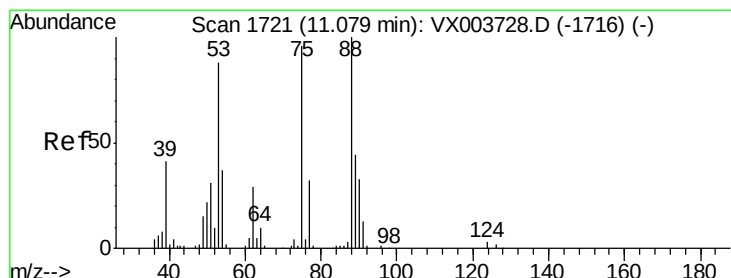
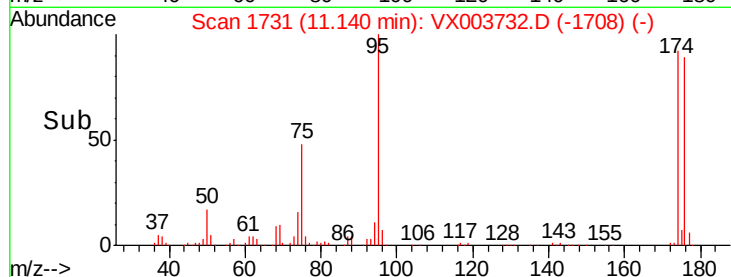
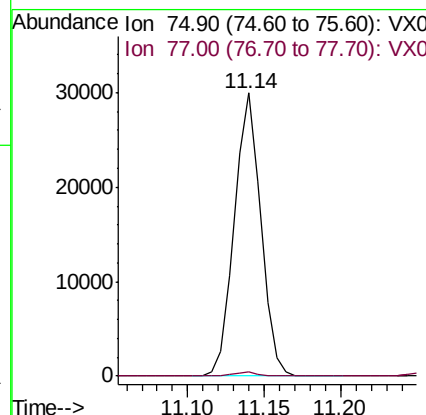
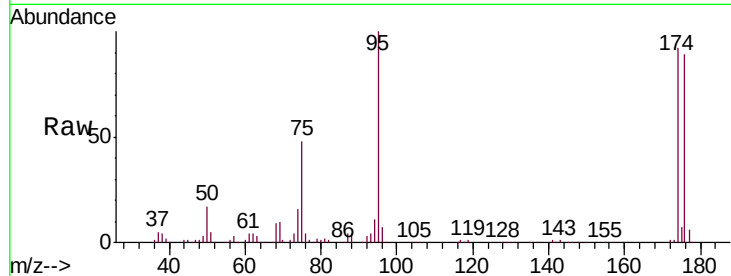




#76
 1,2,3-Trichloropropane
 Concen: 31.743 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003732.D
 Acq: 30 Jul 2018 19:46

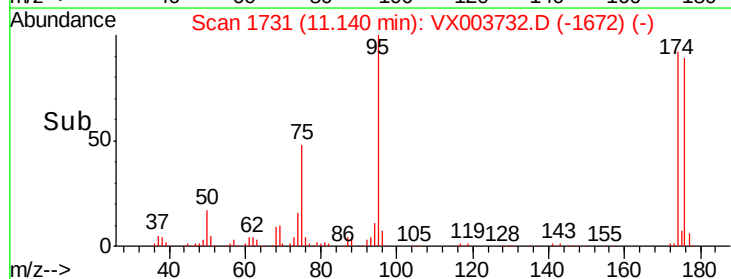
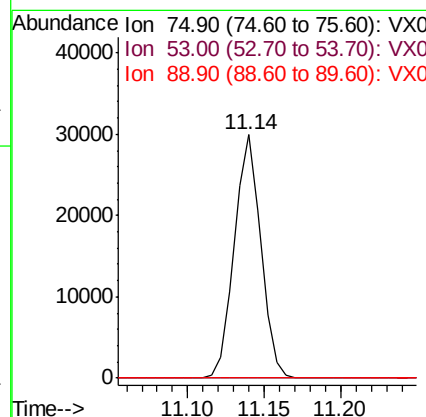
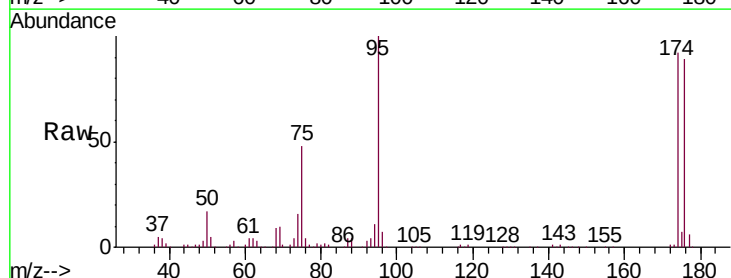
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730SBL01

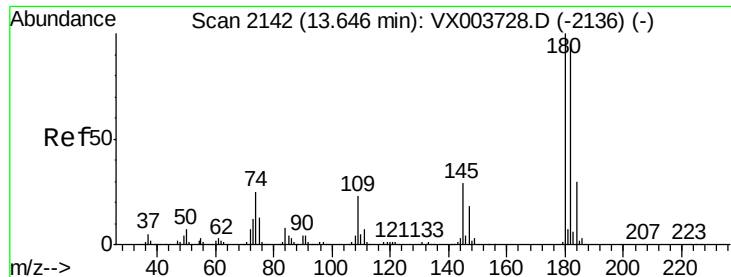
Tgt Ion: 75 Resp: 36018
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.6 65.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.023 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003732.D
 Acq: 30 Jul 2018 19:46

Tgt Ion: 75 Resp: 36018
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#





#93
 1,2,4-Trichlorobenzene
 Concen: 1.015 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003732.D
 Acq: 30 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730SBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.6	142.9
145	28.2	14.1	42.2

