

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001410.D
 Acq On : 04 May 2018 21:14
 Operator : JC/MD
 Sample : J2707-18
 Misc : 6.45g/5mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-18(6-6.5)

Quant Time: May 05 05:46:46 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	153314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	208807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	106420	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	88101	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.72	98	308655	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.15	95	99450	38.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.38%	

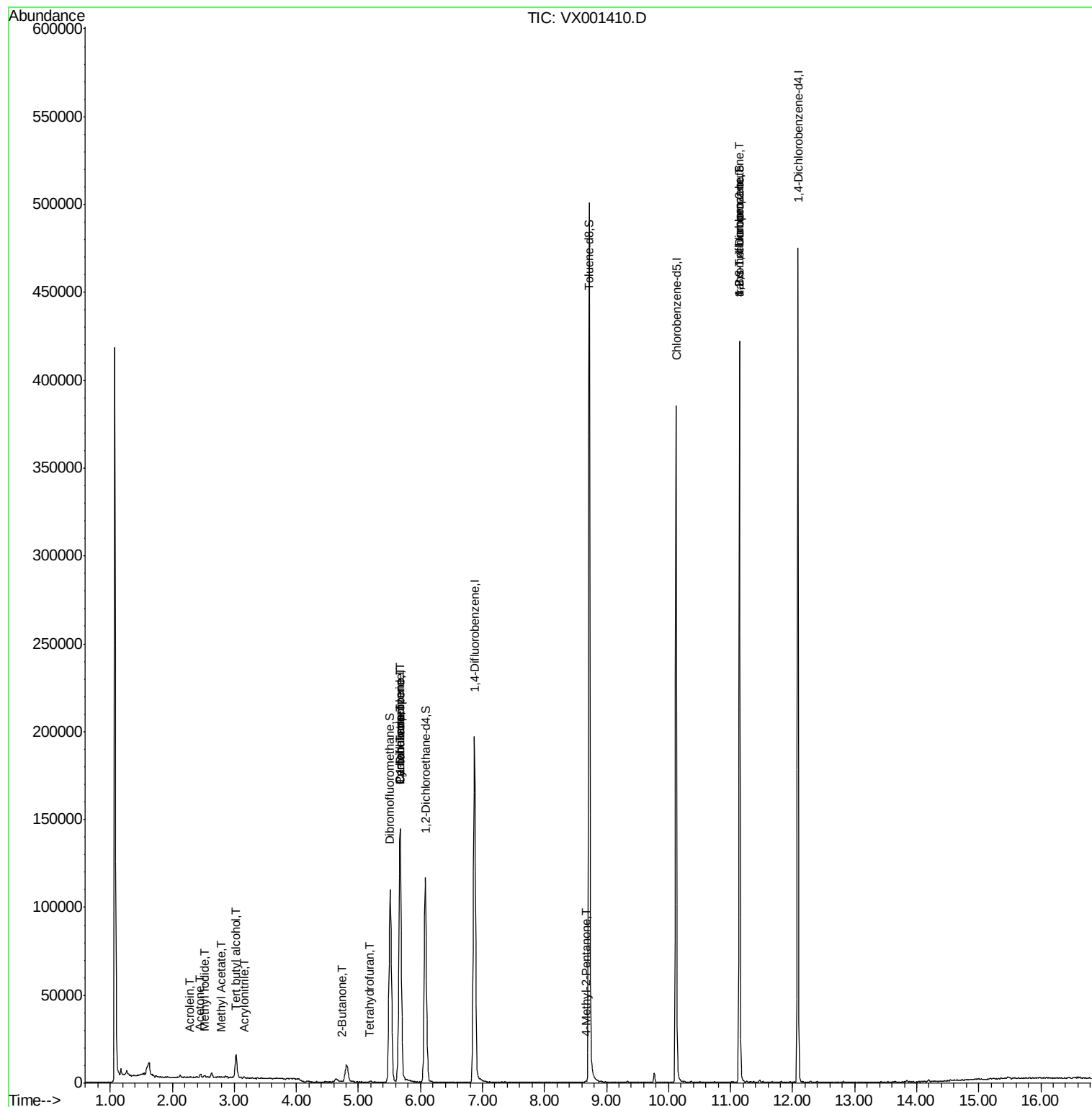
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	861	Below Cal	#	78
10) Methyl Iodide	2.53	142	1179	4.91	ug/l #	89
11) Tert butyl alcohol	3.03	59	7970	21.83	ug/l #	76
13) Acrolein	2.28	56	90	0.43	ug/l #	57
15) Acrylonitrile	3.16	53	245	0.29	ug/l #	42
16) Acetone	2.45	43	1591	1.76	ug/l	90
18) Methyl Acetate	2.79	43	459	0.21	ug/l #	54
20) Methylene Chloride	2.86	84	251	Below Cal	#	66
25) 2-Butanone	4.73	43	390	0.32	ug/l #	49
29) Tetrahydrofuran	5.18	42	169	0.22	ug/l #	33
31) Cyclohexane	5.67	56	2865	1.10	ug/l #	39
36) 1,1-Dichloropropene	5.67	75	9672	4.01	ug/l #	50
38) Carbon Tetrachloride	5.67	117	13306	5.27	ug/l #	18
51) 4-Methyl-2-Pentanone	8.66	43	526	0.21	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	50470	27.47	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	50470	86.00	ug/l #	6

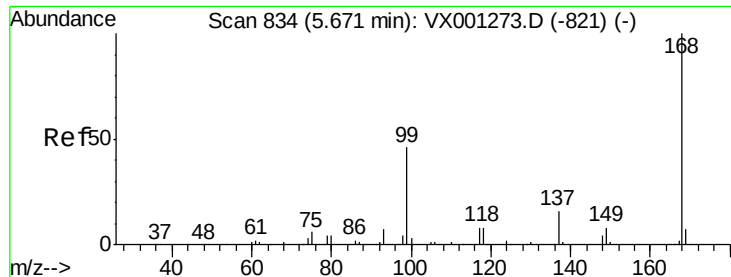
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001410.D

Acq: 04 May 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

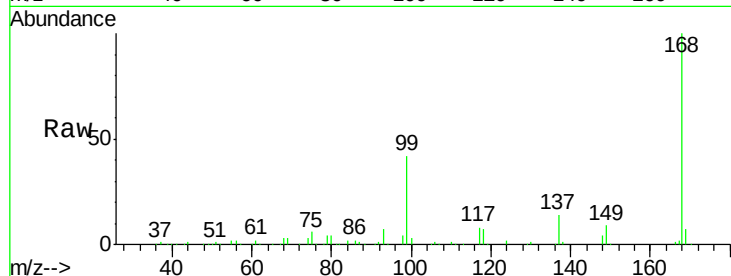
SB-18(6-6.5)

Tgt Ion:168 Resp: 153314

Ion Ratio Lower Upper

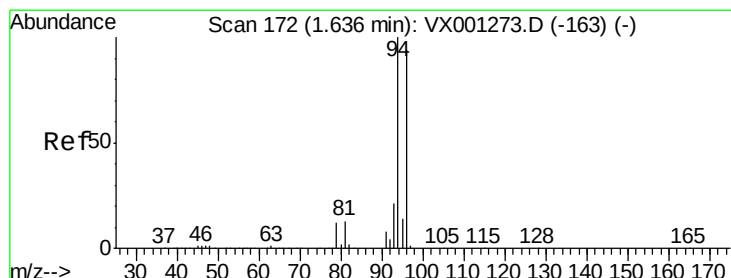
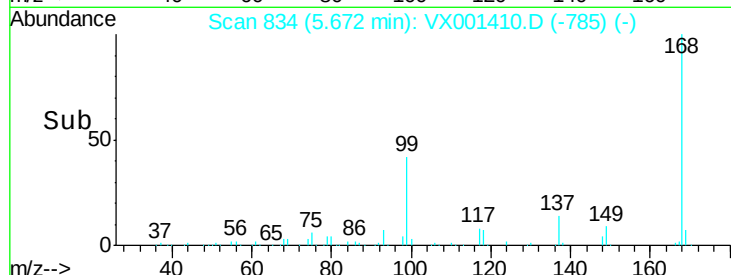
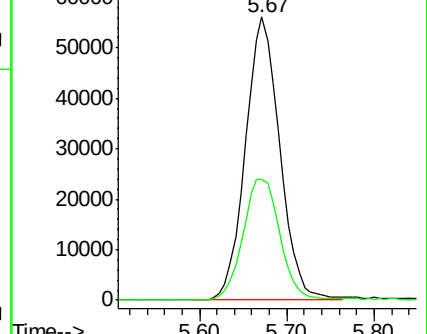
168 100

99 42.5 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: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001410.D

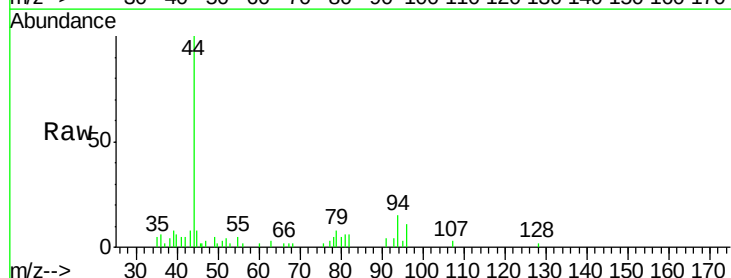
Acq: 04 May 2018 21:14

Tgt Ion: 94 Resp: 861

Ion Ratio Lower Upper

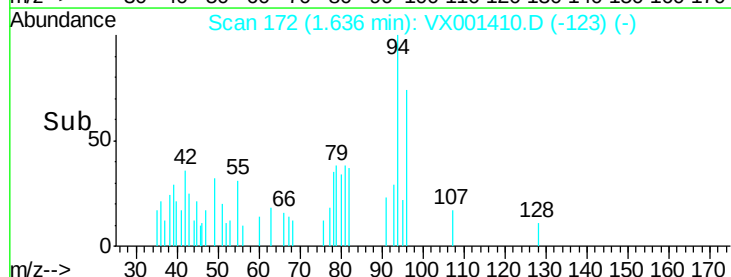
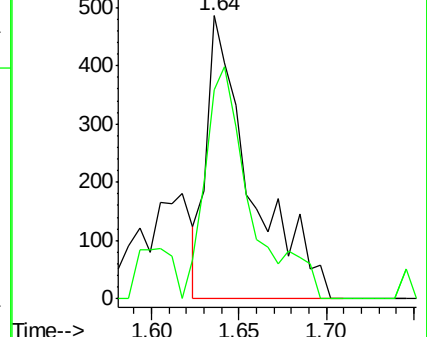
94 100

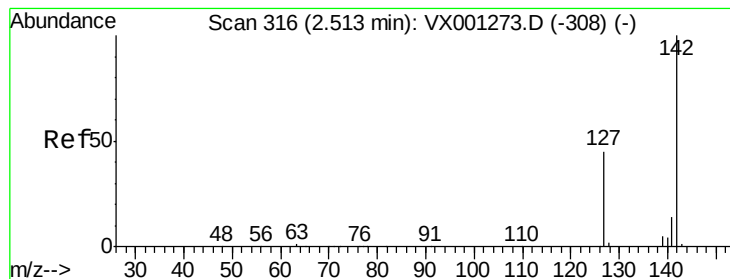
96 73.7 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 4.91 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

SB-18(6-6.5)

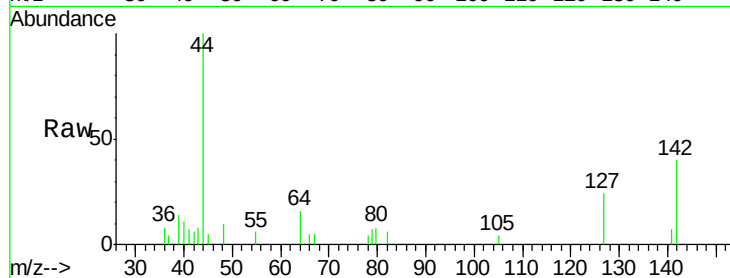
Tgt Ion:142 Resp: 1179

Ion Ratio Lower Upper

142 100

127 53.7 35.7 53.5#

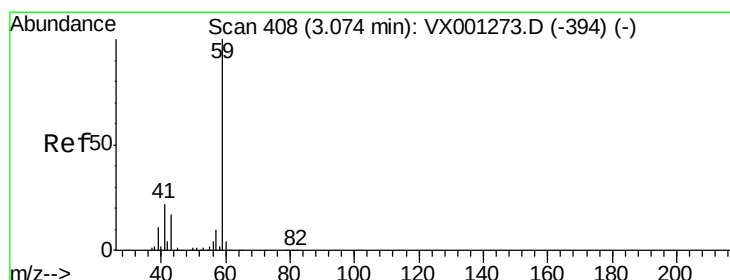
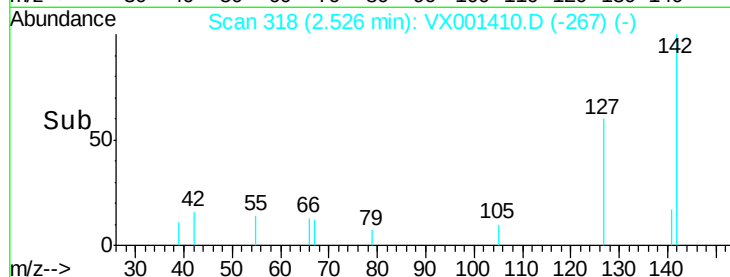
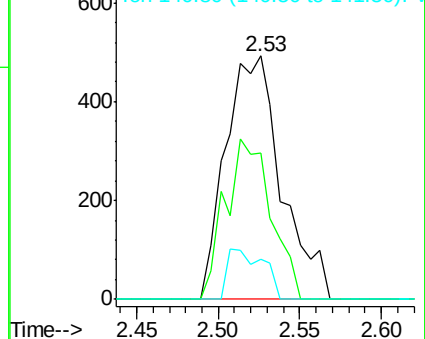
141 13.3 11.4 17.0



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: 21.83 ug/l

RT: 3.03 min Scan# 401

Delta R.T. -0.04 min

Lab File: VX001410.D

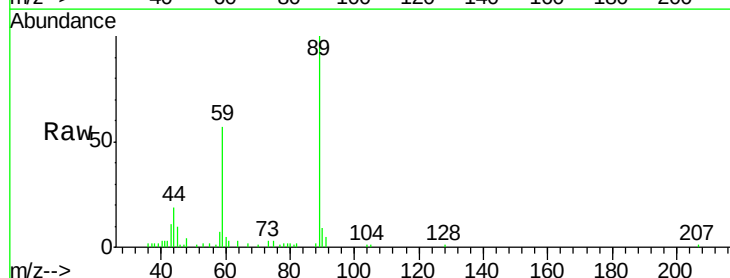
Acq: 04 May 2018 21:14

Tgt Ion: 59 Resp: 7970

Ion Ratio Lower Upper

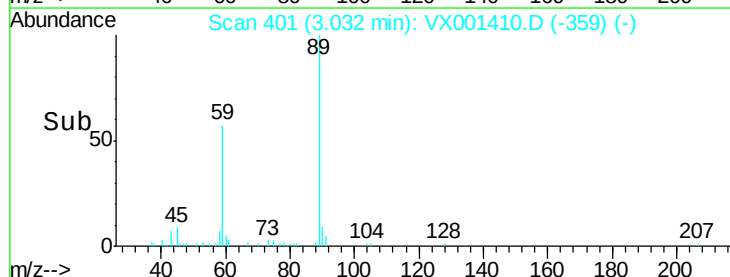
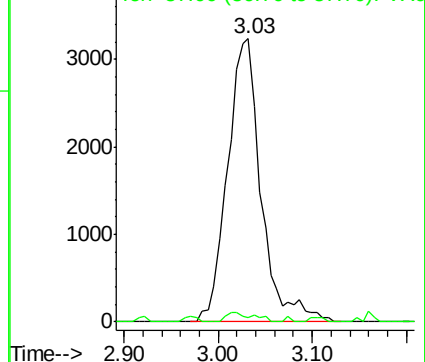
59 100

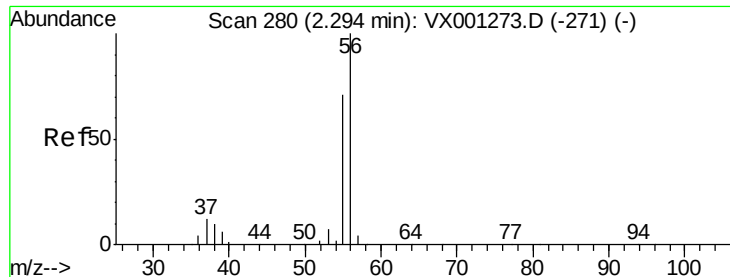
57 1.8 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.43 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

Instrument :

MSVOA_X

ClientSampled :

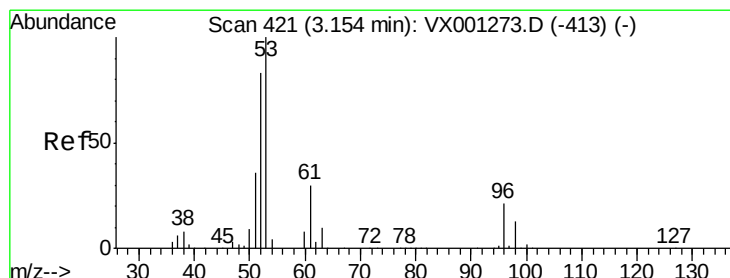
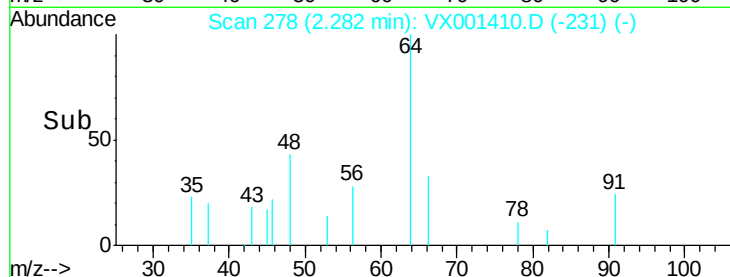
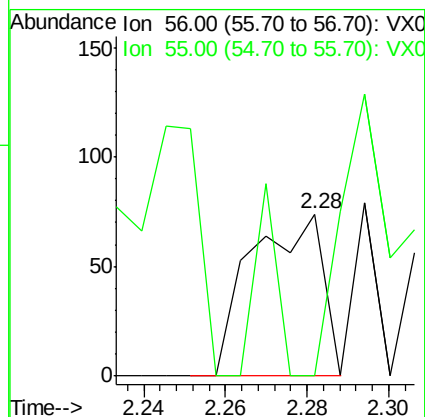
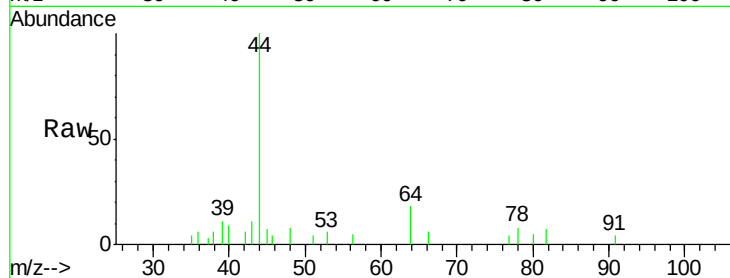
SB-18(6-6.5)

Tgt Ion: 56 Resp: 90

Ion Ratio Lower Upper

56 100

55 35.6 57.2 85.8#



#15

Acrylonitrile

Concen: 0.29 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

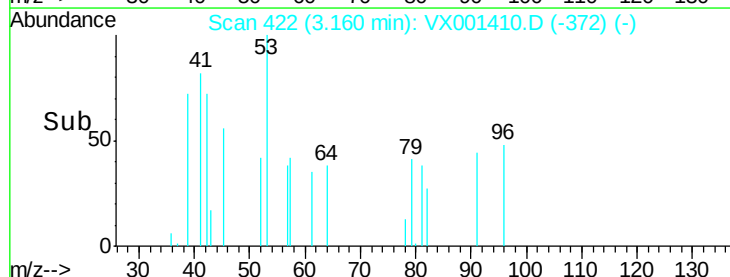
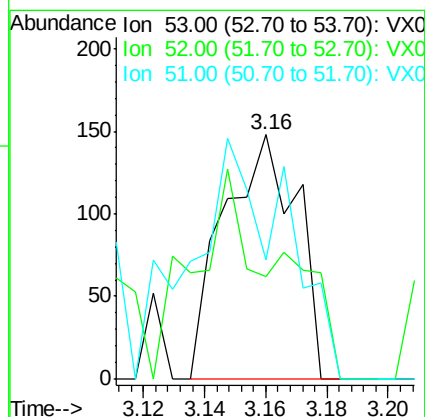
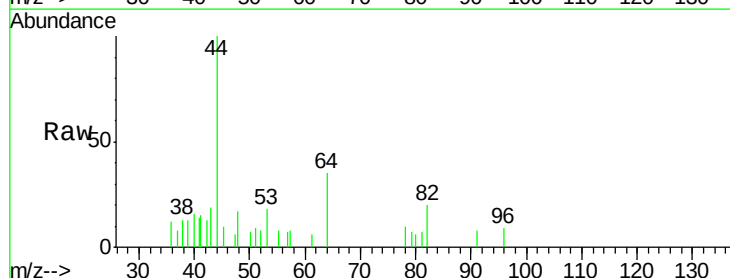
Tgt Ion: 53 Resp: 245

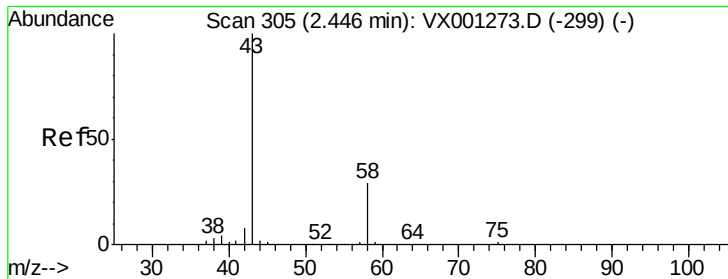
Ion Ratio Lower Upper

53 100

52 68.6 67.0 100.4

51 126.9 29.9 44.9#





#16

Acetone

Concen: 1.76 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

Instrument :

MSVOA_X

ClientSampled :

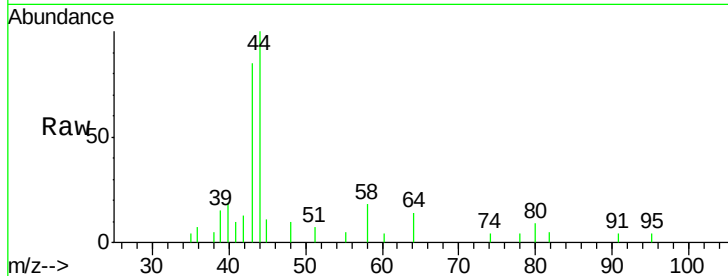
SB-18(6-6.5)

Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

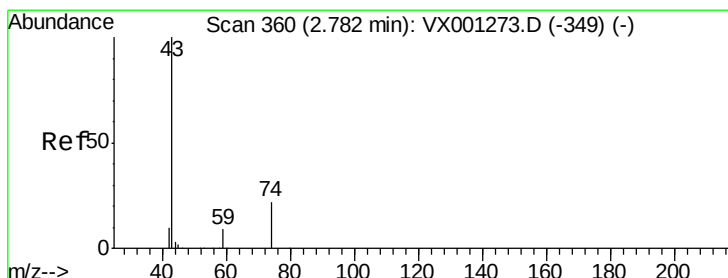
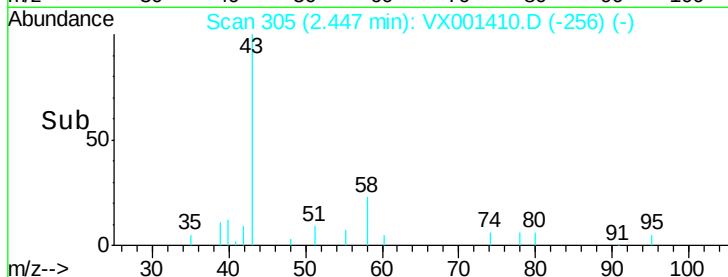
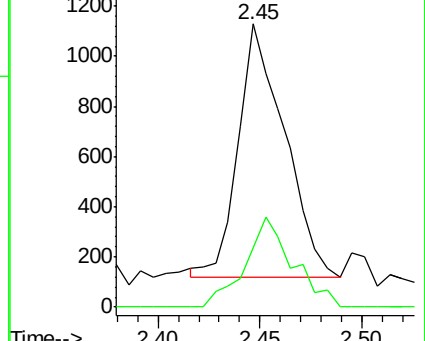
43 100

58 23.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001410.D

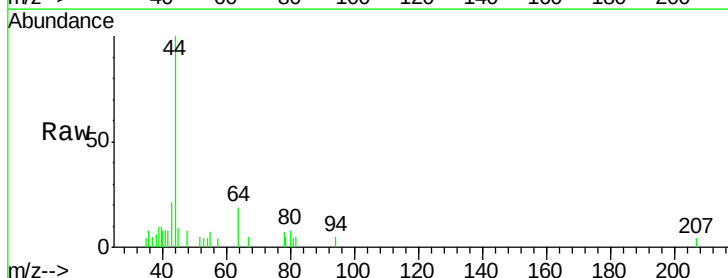
Acq: 04 May 2018 21:14

Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

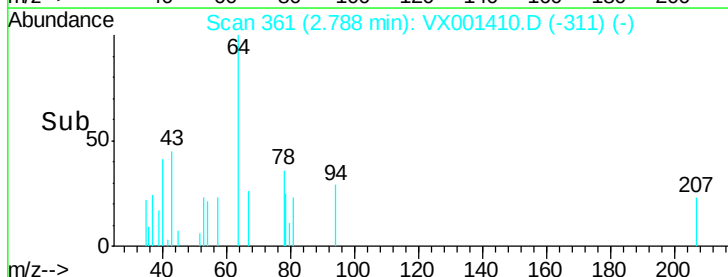
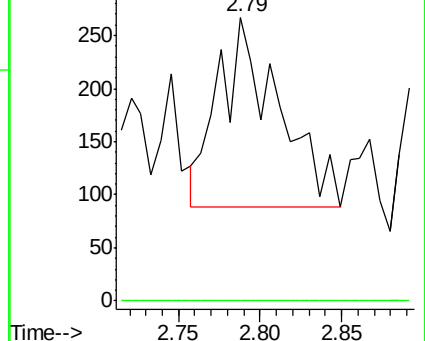
43 100

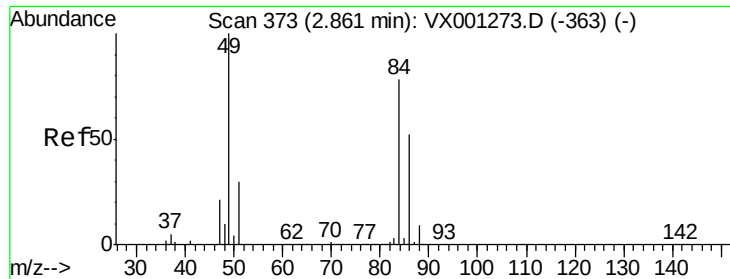
74 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

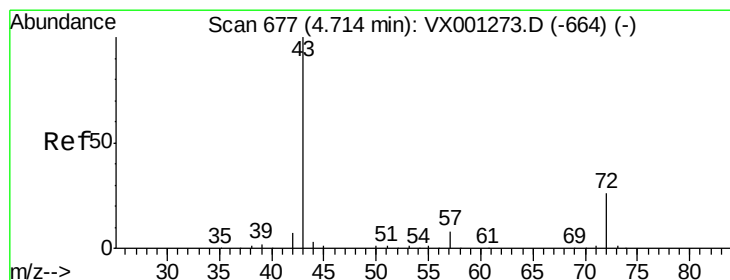
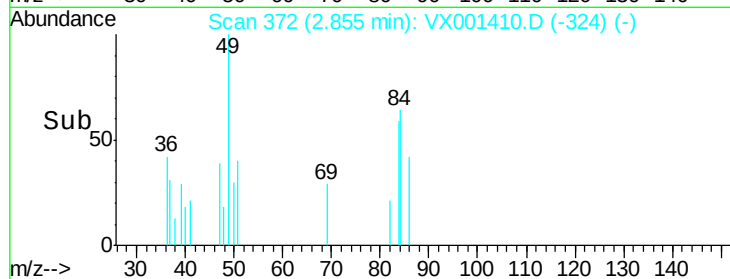
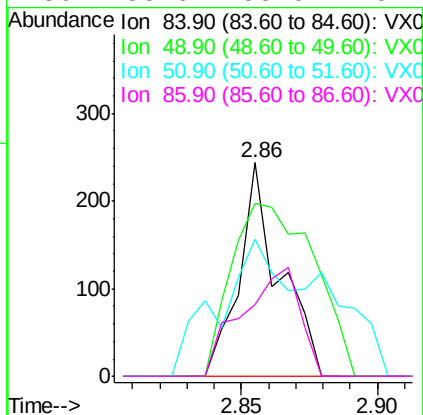
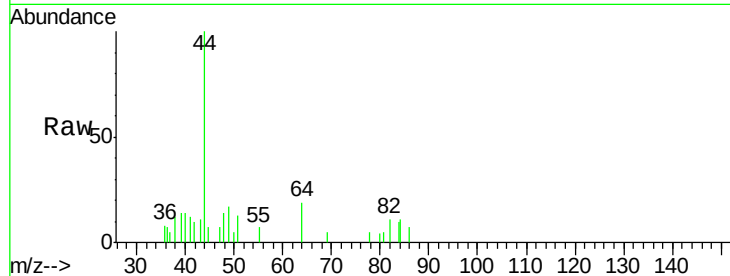




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

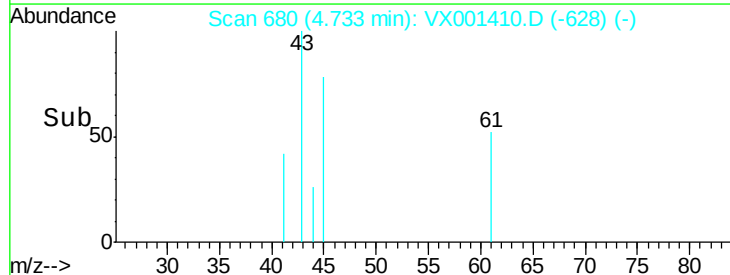
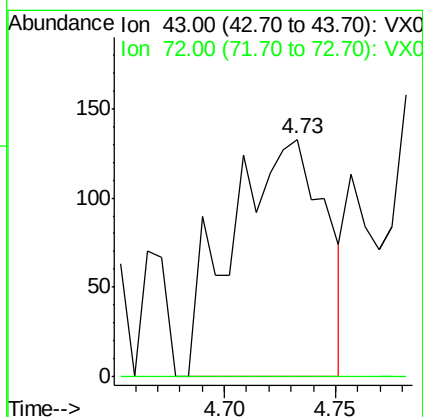
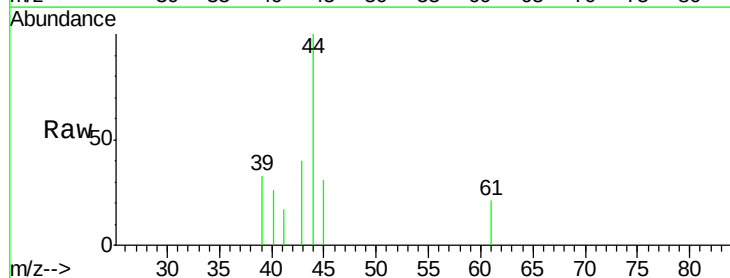
Instrument :
MSVOA_X
ClientSampled :
SB-18(6-6.5)

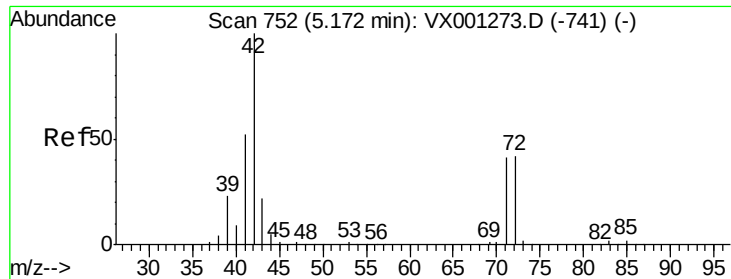
Tgt Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 80.7 102.8 154.2#
51 38.5 30.9 46.3
86 33.6 53.0 79.4#



#25
2-Butanone
Concen: 0.32 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

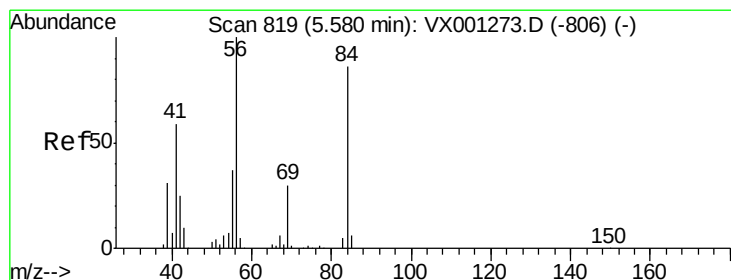
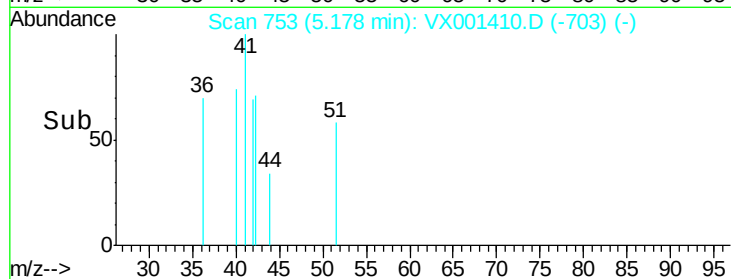
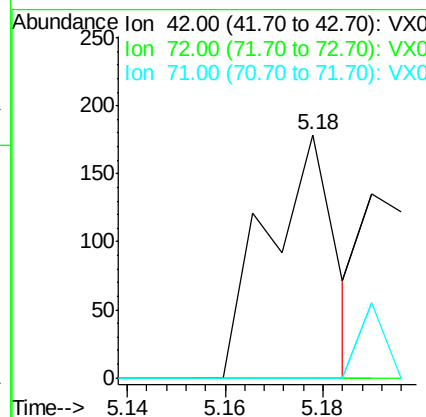
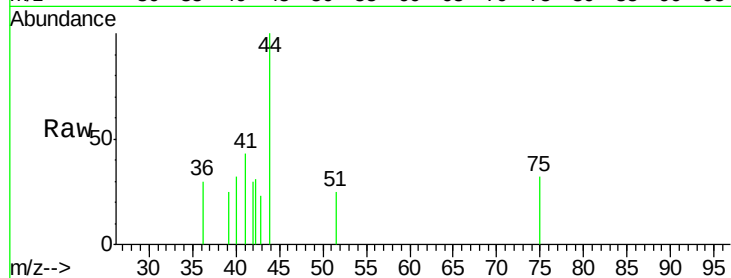




#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

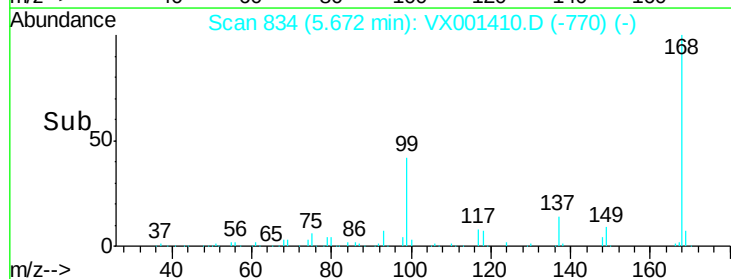
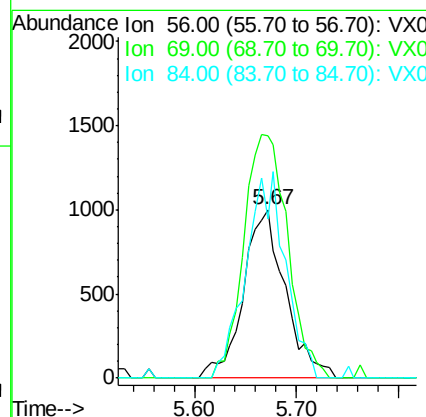
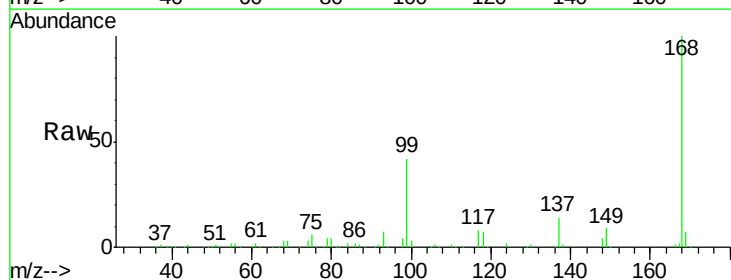
Instrument :
MSVOA_X
ClientSampled :
SB-18(6-6.5)

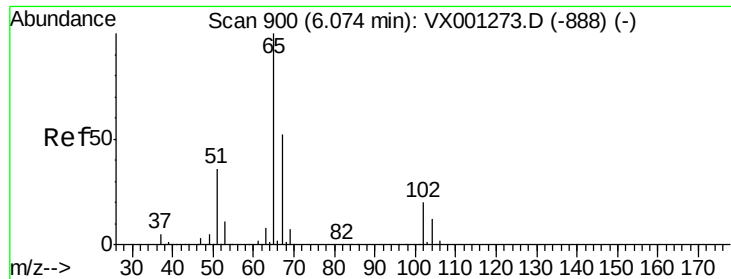
Tgt Ion: 42 Resp: 169
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 32.7 49.1#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Tgt Ion: 56 Resp: 2865
Ion Ratio Lower Upper
56 100
69 143.7 24.0 36.0#
84 94.3 69.0 103.4

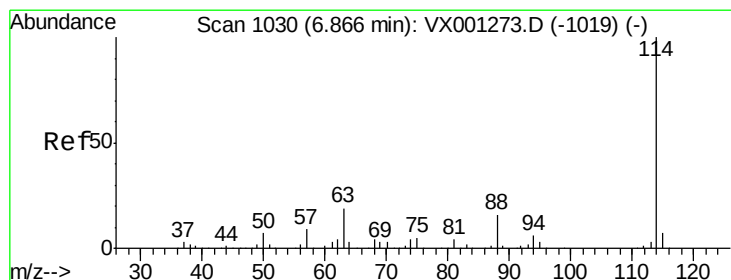
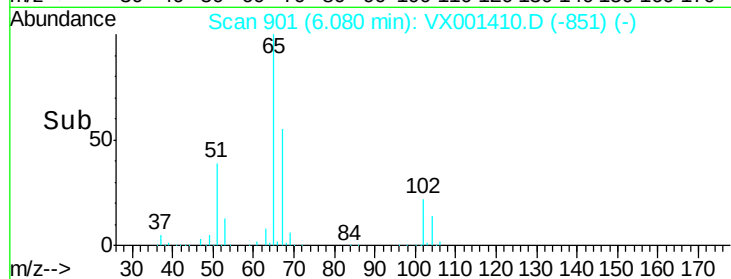
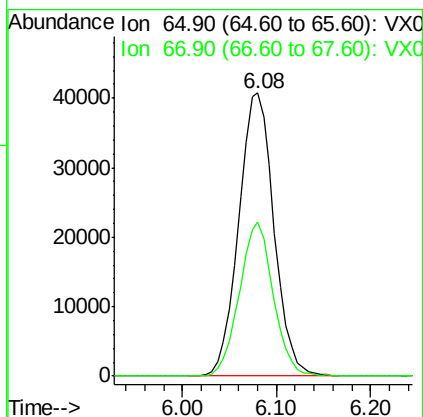
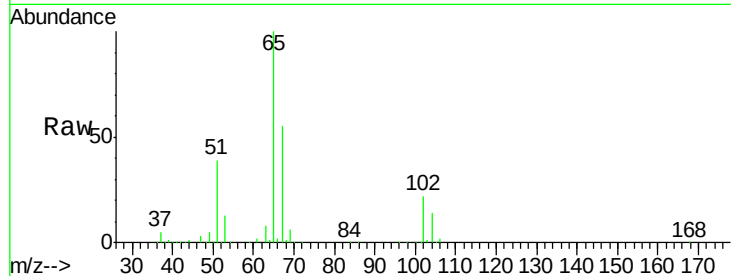




#33
 1,2-Dichloroethane-d4
 Concen: 50.14 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

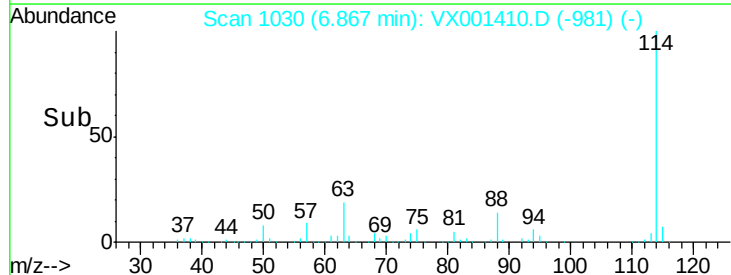
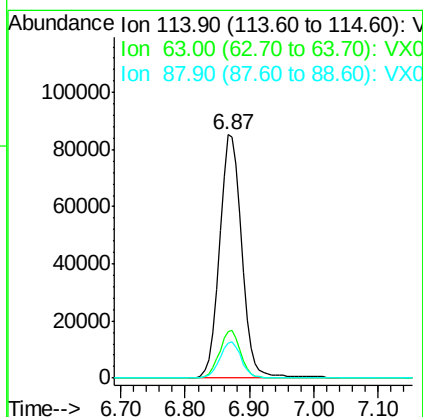
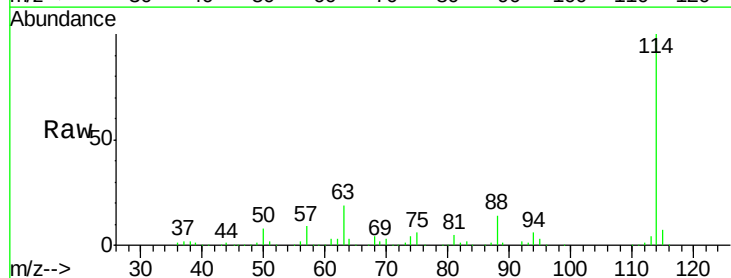
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-18(6-6.5)

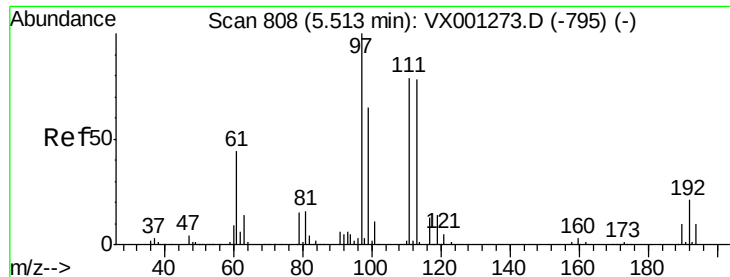
Tgt Ion: 65 Resp: 106420
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

Tgt Ion: 114 Resp: 208807
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.5 0.0 32.2

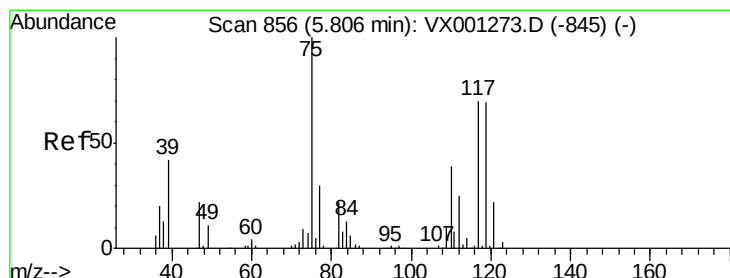
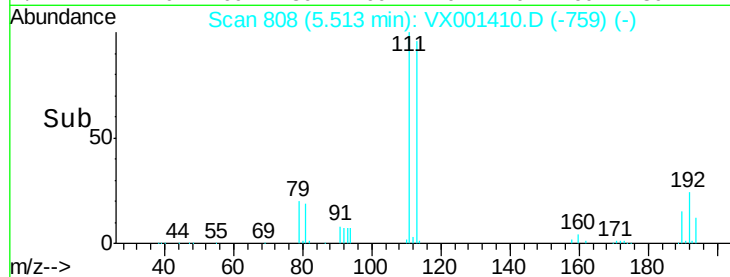
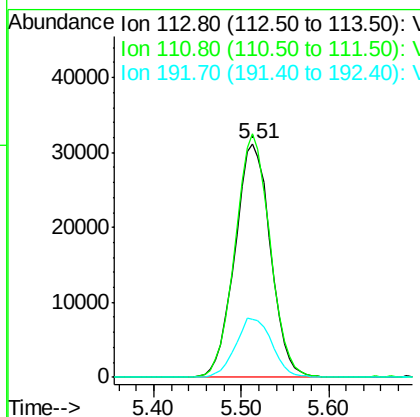
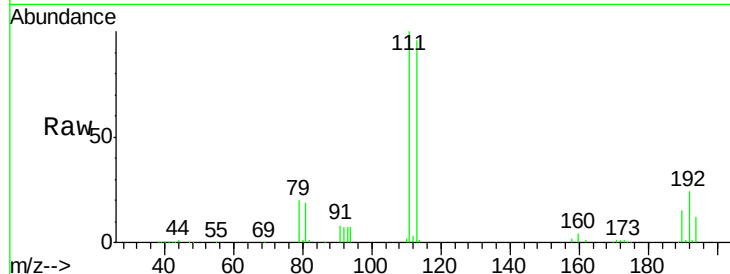




#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

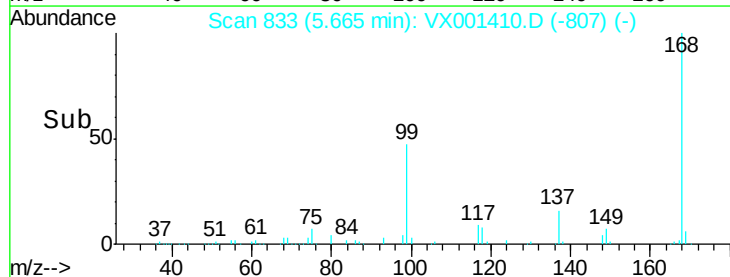
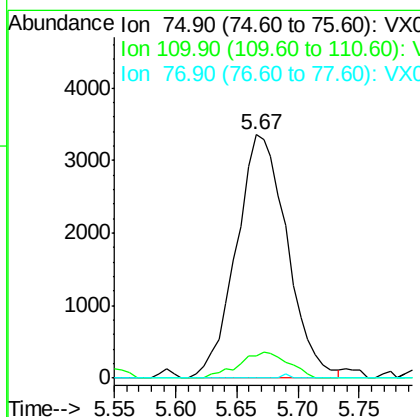
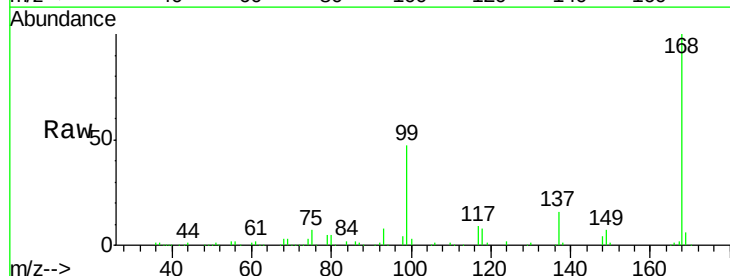
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-18(6-6.5)

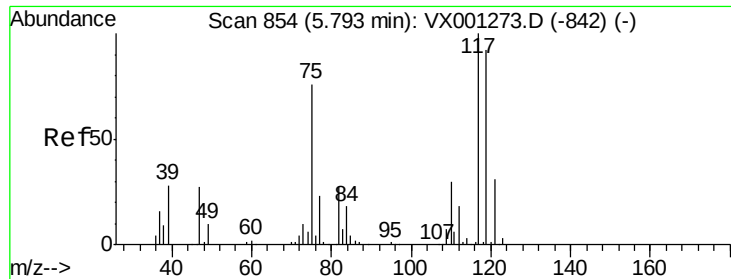
Tgt Ion:113 Resp: 88101
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 25.9 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 4.01 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

Tgt Ion: 75 Resp: 9672
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.9 56.9#
 77 0.0 24.2 36.2#

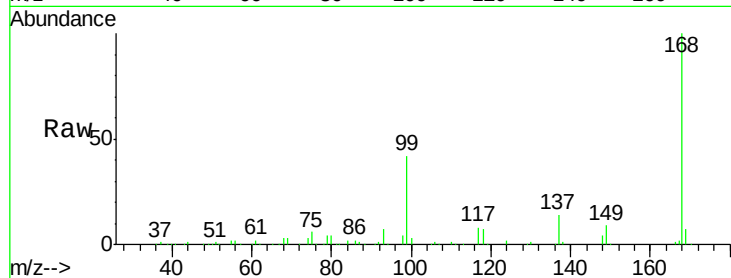




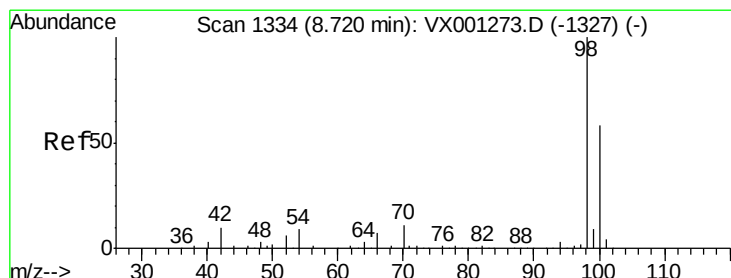
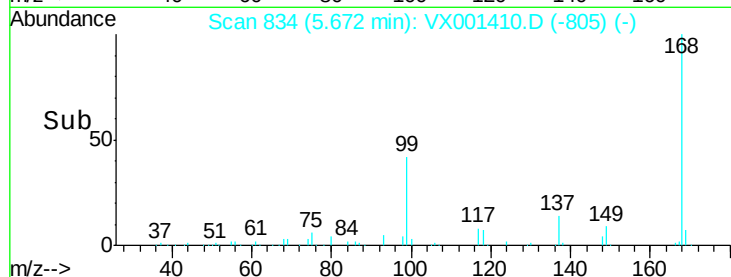
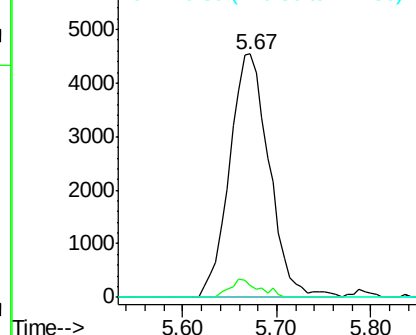
#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Instrument :
MSVOA_X
ClientSampled :
SB-18(6-6.5)

Tgt Ion:117 Resp: 13306
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 25.0 37.4#

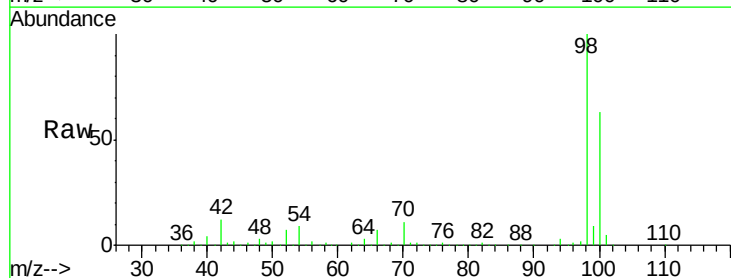


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

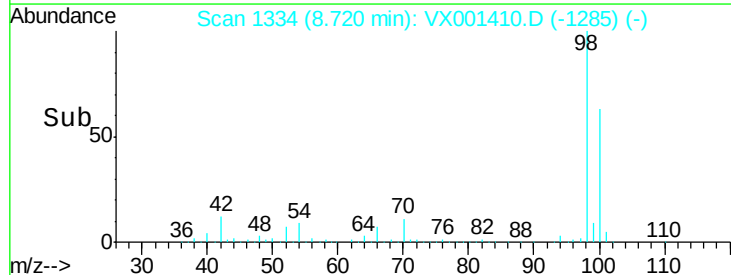
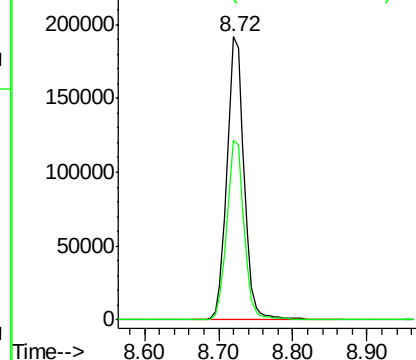


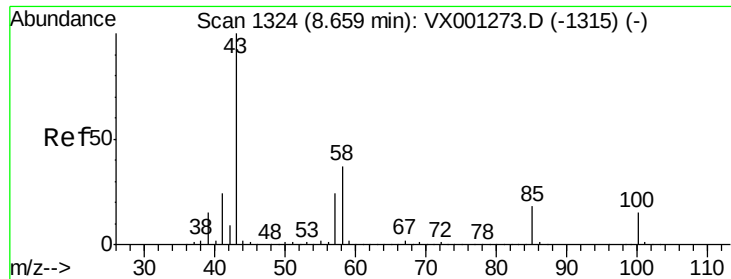
#50
Toluene-d8
Concen: 48.03 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Tgt Ion: 98 Resp: 308655
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

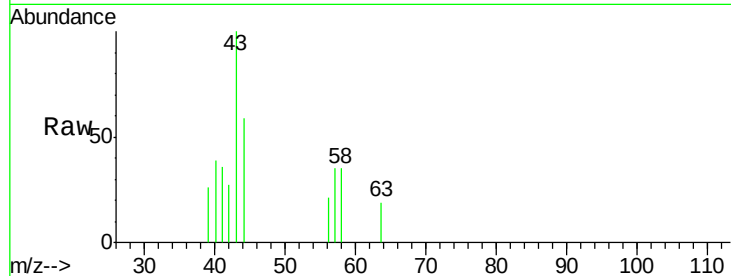
SB-18(6-6.5)

Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

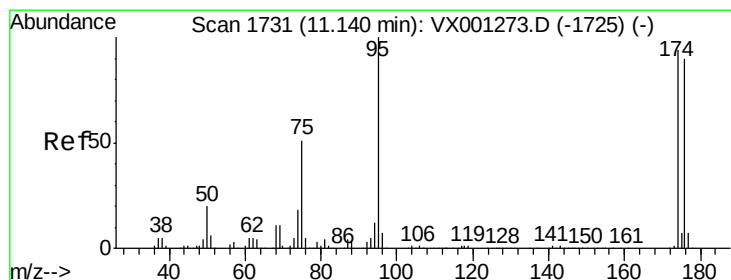
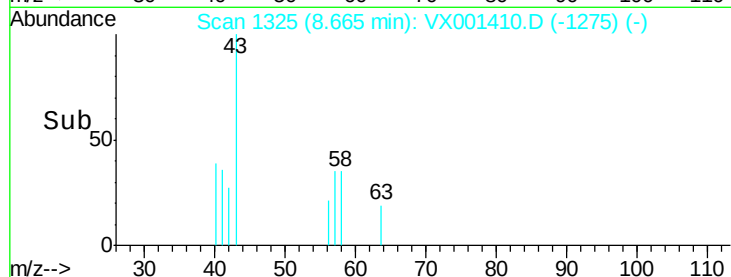
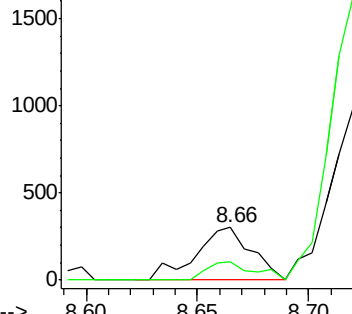
43 100

58 29.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 38.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001410.D

Acq: 04 May 2018 21:14

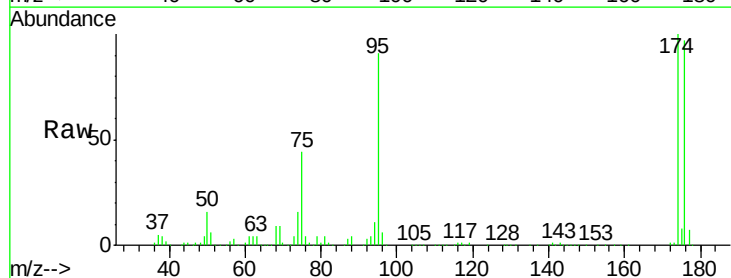
Tgt Ion: 95 Resp: 99450

Ion Ratio Lower Upper

95 100

174 104.9 0.0 201.8

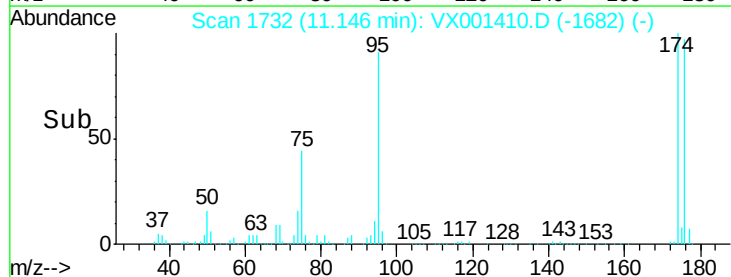
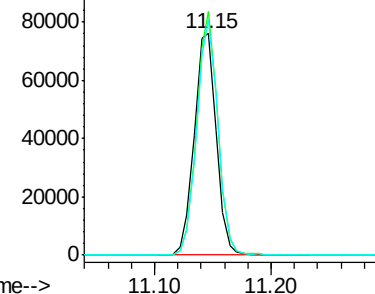
176 102.6 0.0 197.2

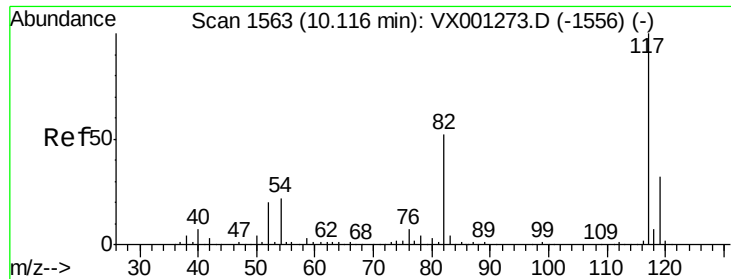


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

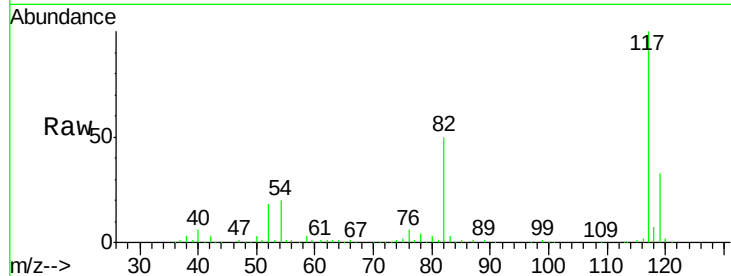




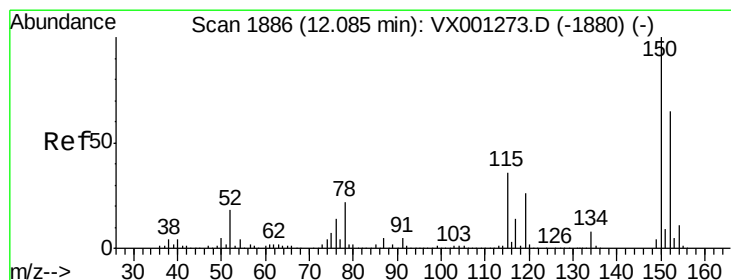
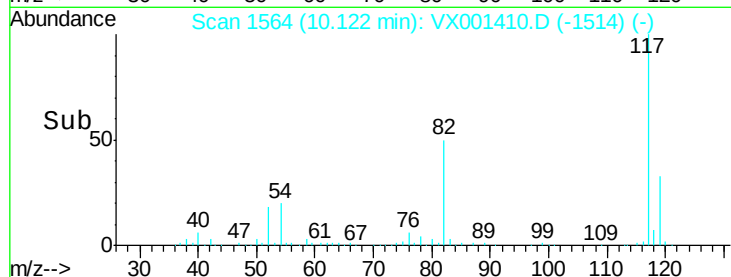
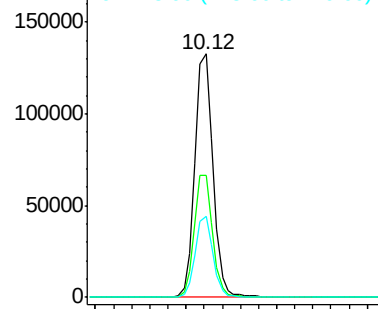
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :
SB-18(6-6.5)

Tgt Ion:117 Resp: 186354
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.0
119 33.1 25.5 38.3

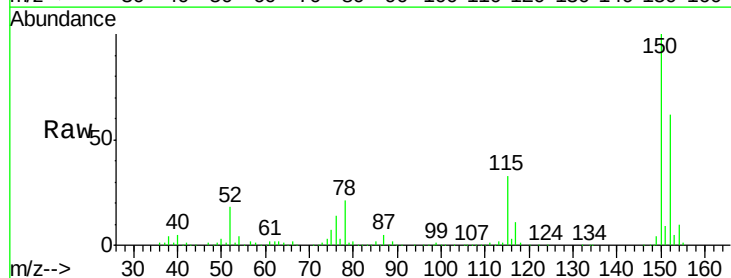


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

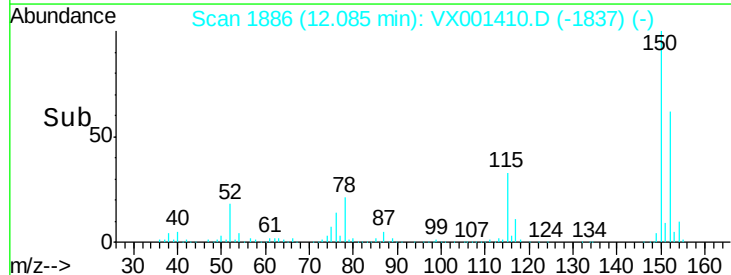
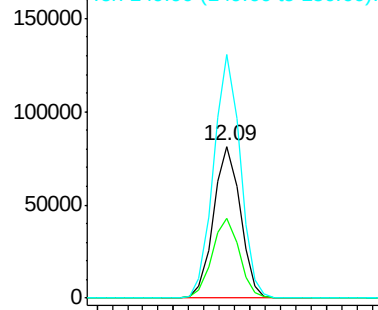


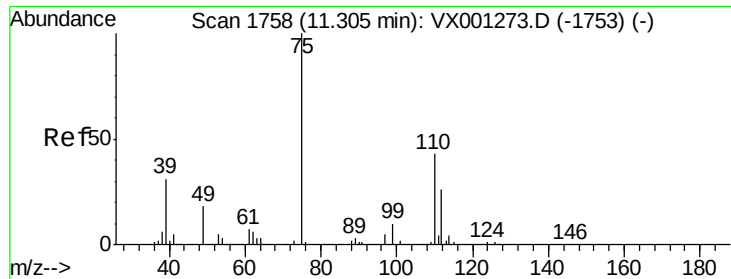
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001410.D
Acq: 04 May 2018 21:14

Tgt Ion:152 Resp: 99345
Ion Ratio Lower Upper
152 100
115 53.3 38.6 115.7
150 159.1 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

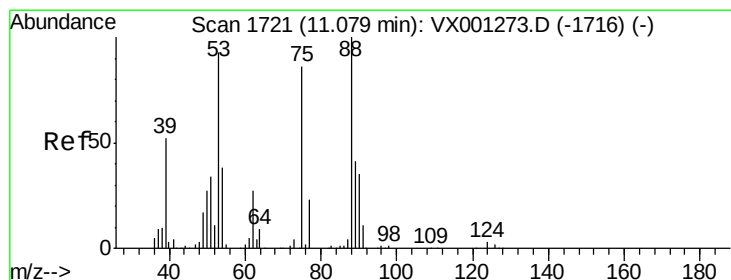
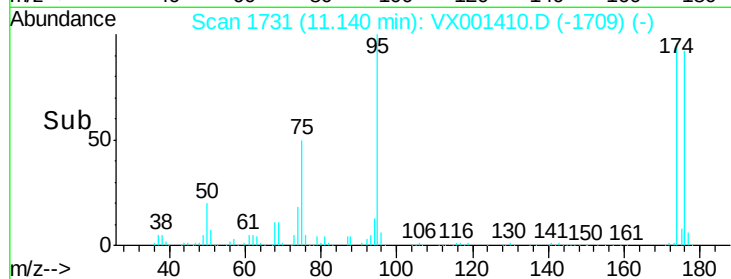
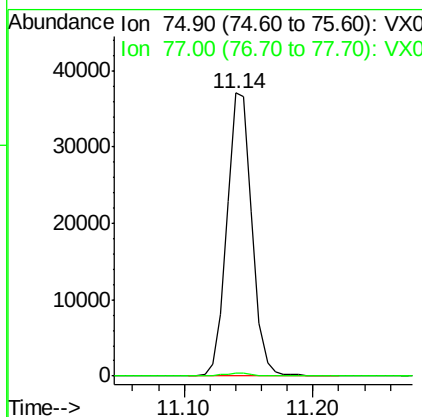
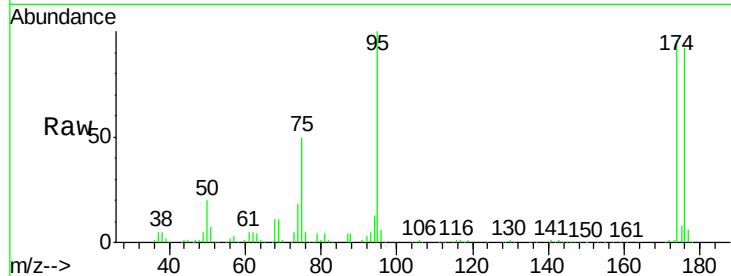




#76
 1,2,3-Trichloropropane
 Concen: 27.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

Instrument :
 MSVOA_X
 ClientSampled :
 SB-18(6-6.5)

Tgt Ion: 75 Resp: 50470
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.00 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001410.D
 Acq: 04 May 2018 21:14

Tgt Ion: 75 Resp: 50470
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.1 130.7#
 89 0.0 38.9 58.3#

