

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000644.D
 Acq On : 02 Apr 2018 17:58
 Operator : JC/MD
 Sample : J2172-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22043-5-132-4-78-80

Quant Time: Apr 03 02:42:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118447	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	201904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	119702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77347	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	5.51	113	61738	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.72	98	262090	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.15	95	96914	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds						Qvalue
6) Chloroethane	1.70	64	231	Below Cal	#	84
10) Methyl Iodide	2.53	142	335	4.49	ug/l #	83
11) Tert butyl alcohol	3.09	59	49364	92.82	ug/l	100
13) Acrolein	2.31	56	1255	21.54	ug/l	94
14) Allyl chloride	2.78	41	781	0.24	ug/l #	58
16) Acetone	2.46	43	100867	78.42	ug/l	94
17) Carbon Disulfide	2.57	76	713	0.22	ug/l #	76
18) Methyl Acetate	2.78	43	43204	16.02	ug/l	98
20) Methylene Chloride	2.87	84	1719	1.16	ug/l #	83
25) 2-Butanone	4.71	43	24890	17.22	ug/l	95
29) Tetrahydrofuran	5.18	42	357	0.40	ug/l #	31
36) 1,1-Dichloropropene	5.67	75	9363	4.95	ug/l #	46
37) Ethyl Acetate	4.87	43	1750	0.68	ug/l #	80
38) Carbon Tetrachloride	5.67	117	11760	5.93	ug/l #	16
40) Benzene	6.15	78	70803	12.89	ug/l	97
43) Isopropyl Acetate	6.47	43	1394	0.36	ug/l #	62
48) Methyl methacrylate	7.79	41	461	0.25	ug/l #	53
49) 1,4-Dioxane	7.80	88	2413	61.49	ug/l #	71
51) 4-Methyl-2-Pentanone	8.65	43	2622	0.88	ug/l	92
52) Toluene	8.79	92	53298	13.88	ug/l	99
56) Ethyl methacrylate	9.10	69	718	0.30	ug/l #	64
59) 2-Hexanone	9.51	43	2472	0.98	ug/l	91
67) Ethyl Benzene	10.26	91	15742	2.00	ug/l	91
68) m/p-Xylenes	10.37	106	16060	5.18	ug/l	99
69) o-Xylene	10.71	106	9364	3.12	ug/l	100
70) Styrene	10.72	104	1072	0.22	ug/l #	1
73) Isopropylbenzene	11.02	105	1870	0.24	ug/l	93
74) N-amyl acetate	6.47	43	1394	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.14	75	57041	22.17	ug/l #	35
78) n-propylbenzene	11.37	91	2739	0.29	ug/l	92
79) 2-Chlorotoluene	11.45	91	1223	0.22	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	2857	0.43	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.14	75	57041	71.79	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.82	105	9712	1.39	ug/l	81

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Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Quant Time: Apr 03 02:42:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

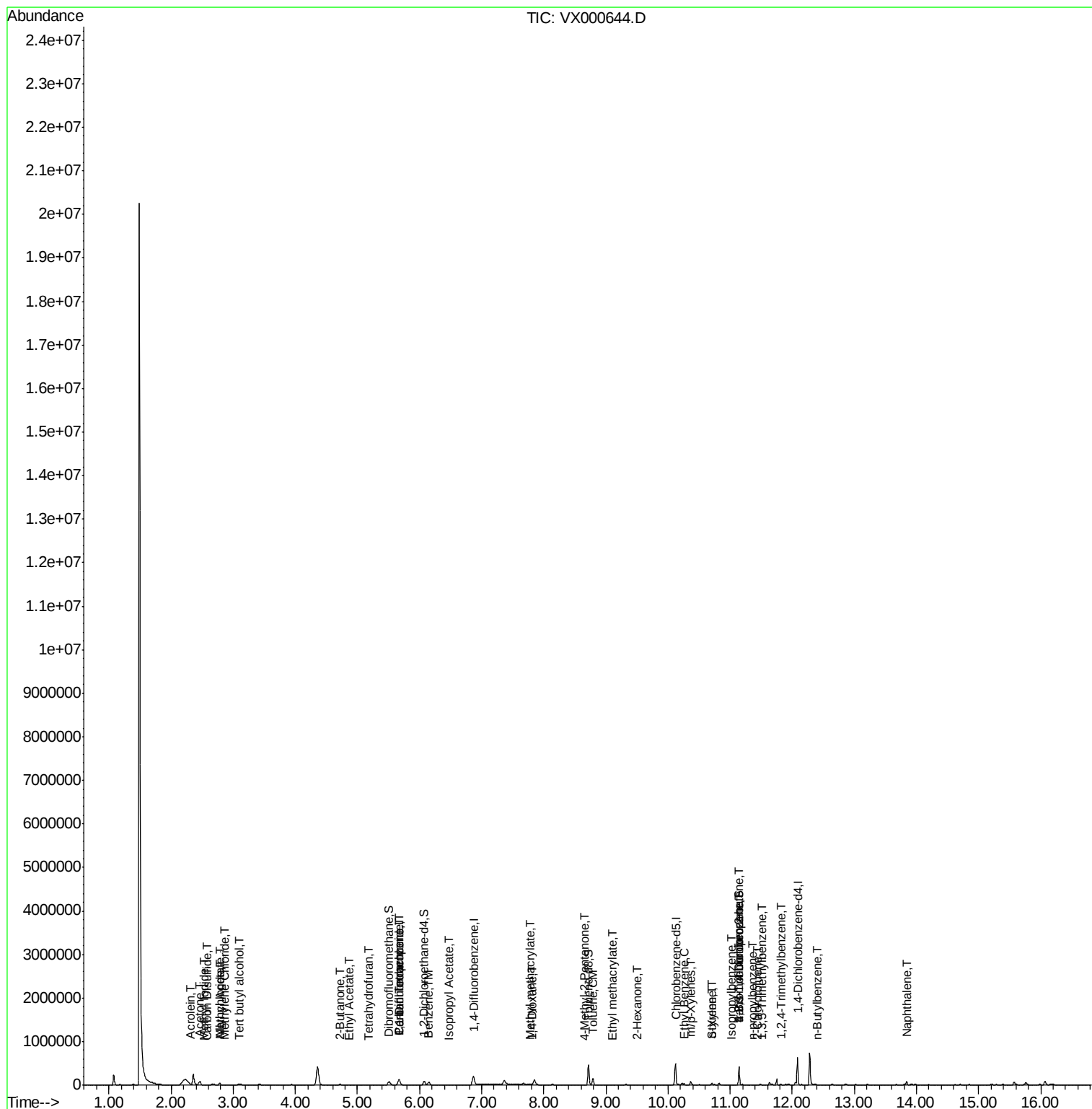
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.40	91	1712	0.25	ug/l	81
95) Naphthalene	13.84	128	43496	4.45	ug/l	99

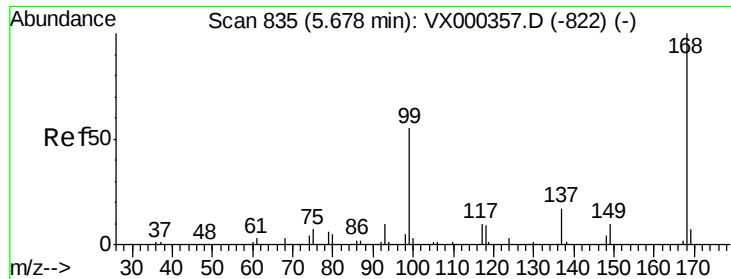
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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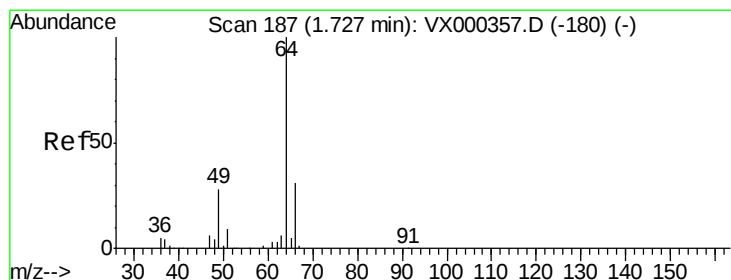
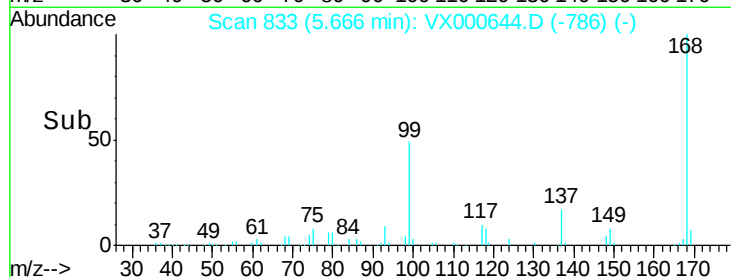
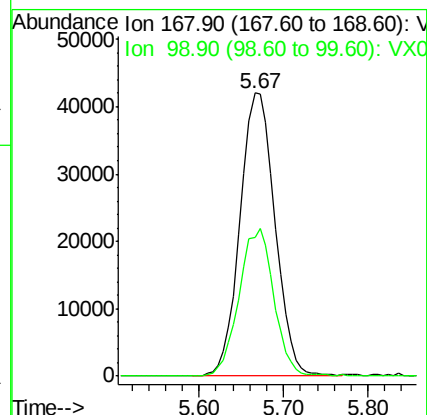
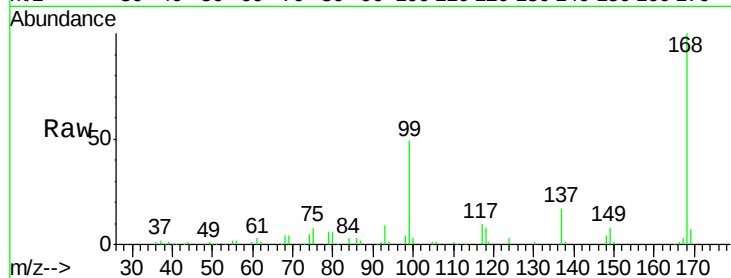




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

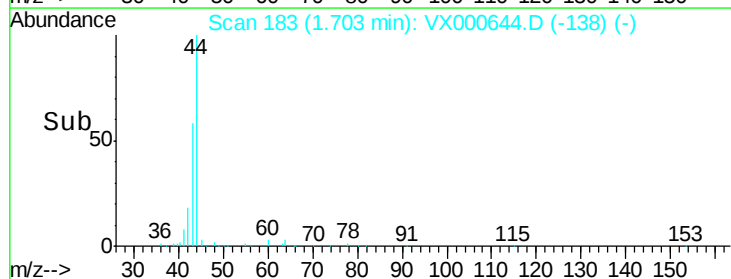
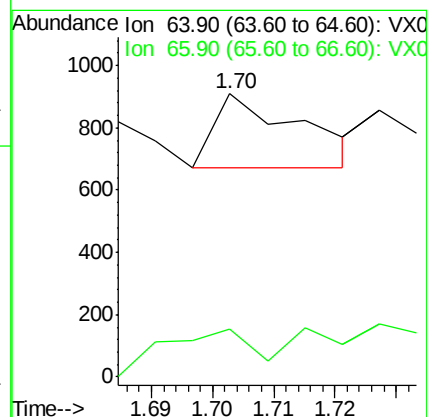
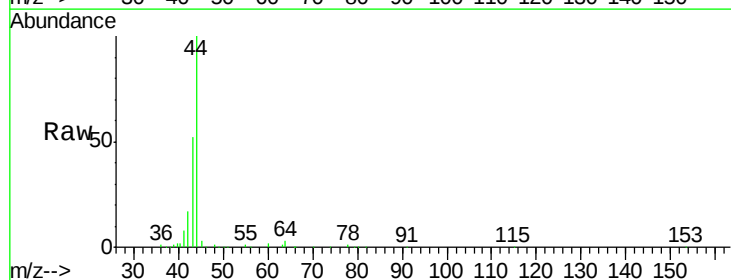
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

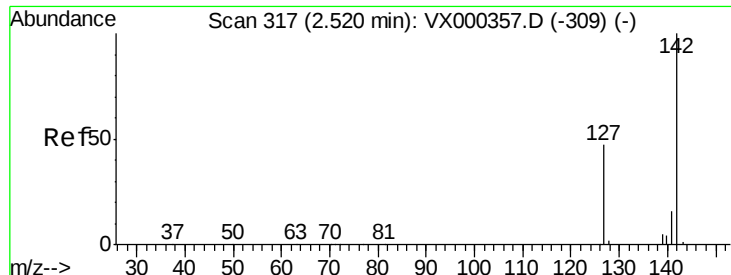
Tgt Ion:168 Resp: 118447
Ion Ratio Lower Upper
168 100
99 49.2 45.8 68.6



#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 22.4 24.8 37.2#

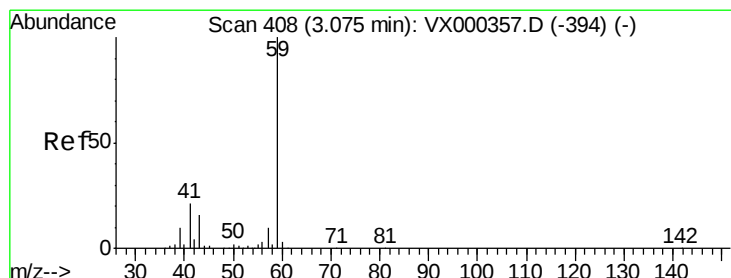
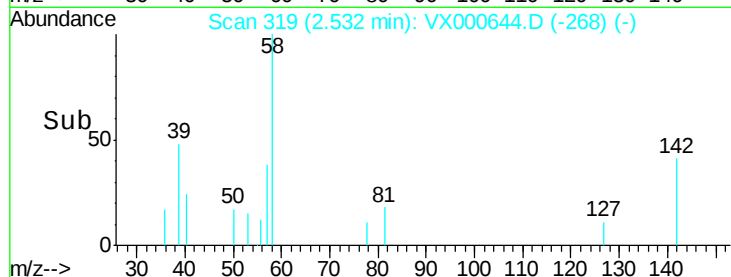
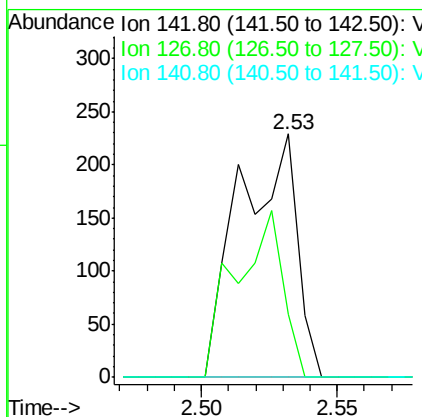
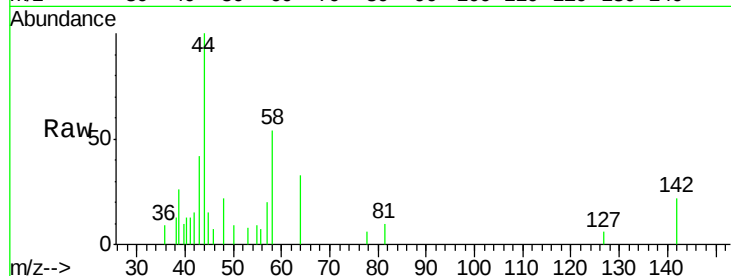




#10
Methyl Iodide
Concen: 4.49 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

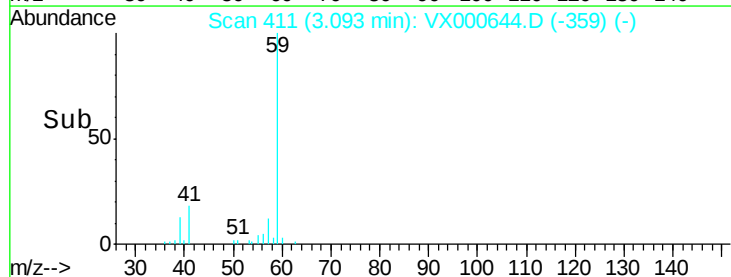
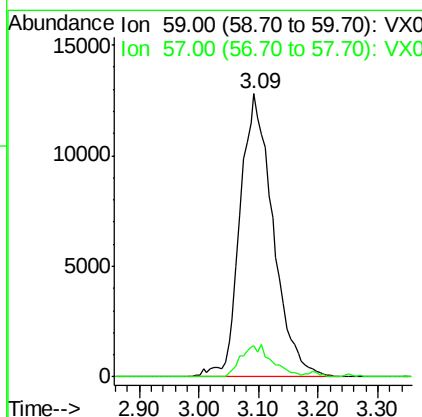
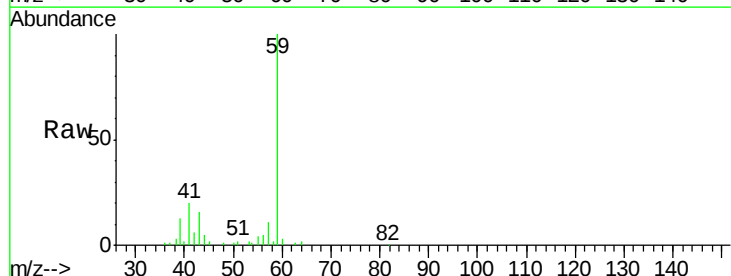
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

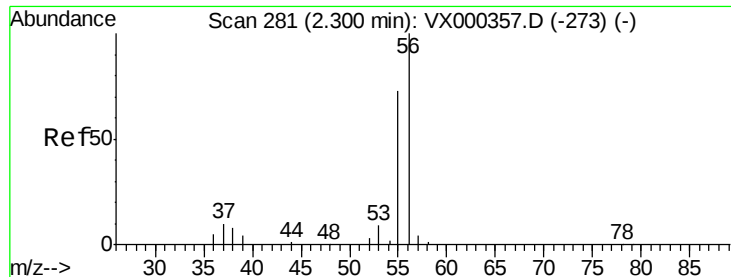
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 56.7 39.2 58.8
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 92.82 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.02 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 59 Resp: 49364
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6





#13

Acrolein

Concen: 21.54 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

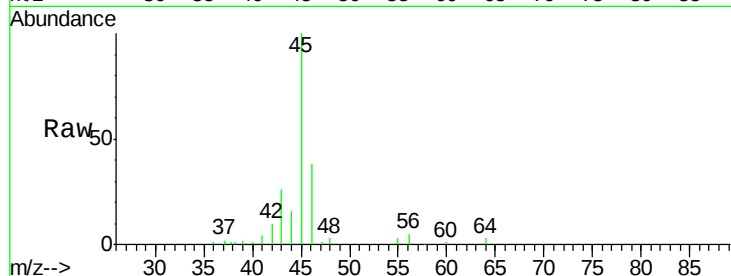
22043-5-132-4-78-80

Tgt Ion: 56 Resp: 1255

Ion Ratio Lower Upper

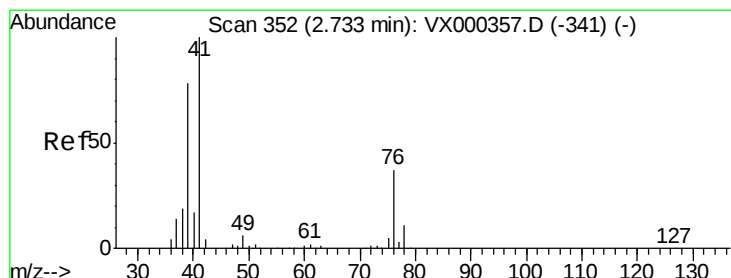
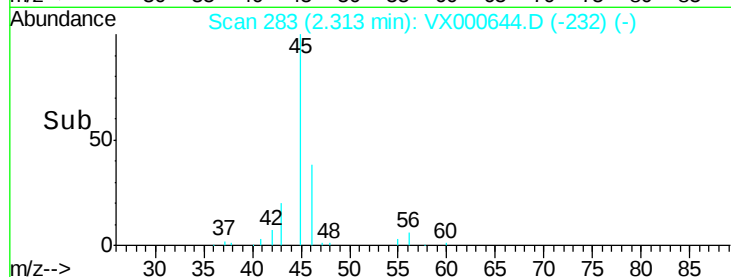
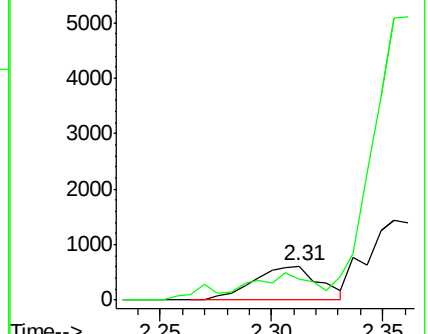
56 100

55 68.5 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.24 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.04 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

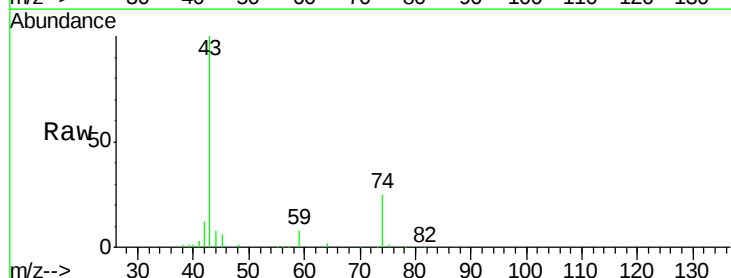
Tgt Ion: 41 Resp: 781

Ion Ratio Lower Upper

41 100

39 43.3 57.6 86.4#

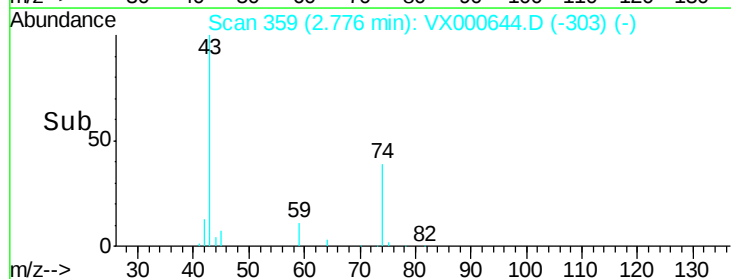
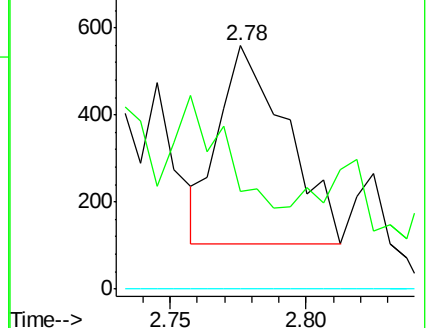
76 0.0 27.3 40.9#

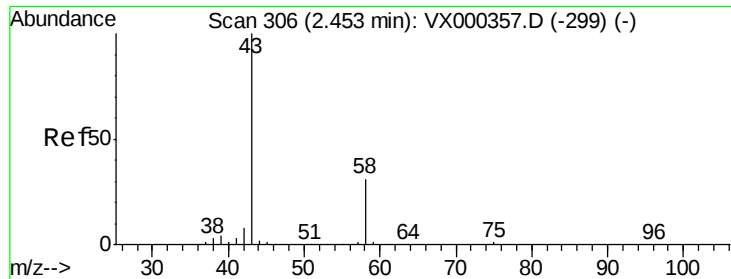


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 78.42 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

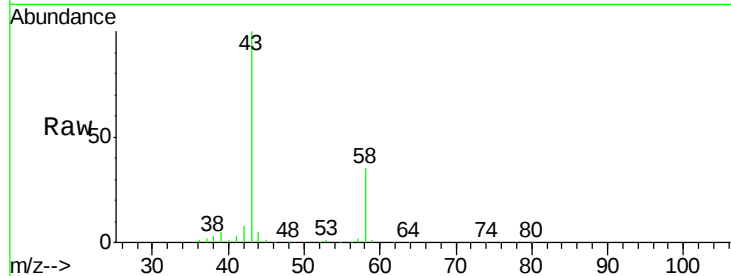
22043-5-132-4-78-80

Tgt Ion: 43 Resp: 100867

Ion Ratio Lower Upper

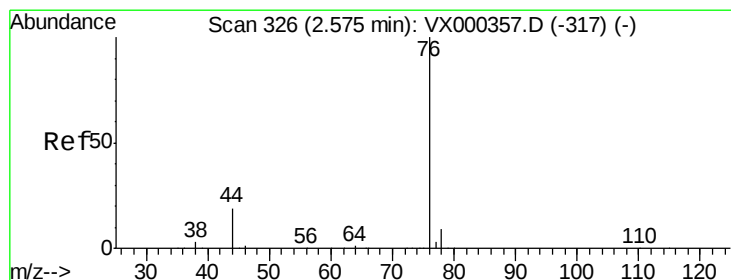
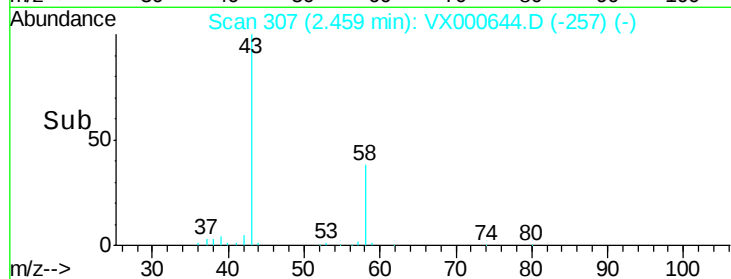
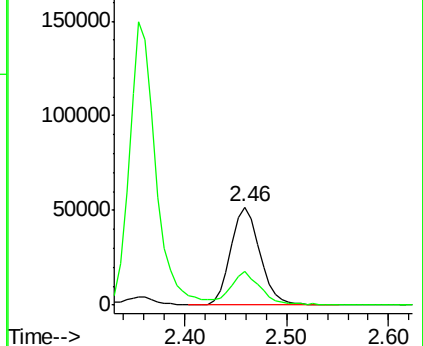
43 100

58 34.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000644.D

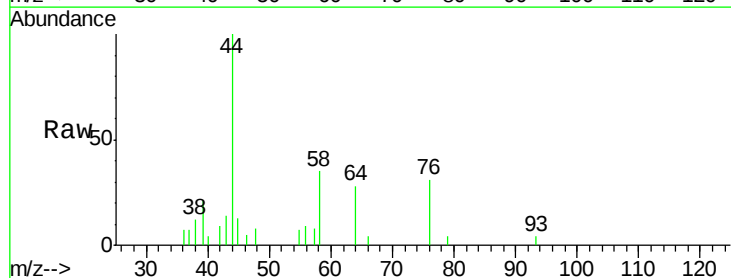
Acq: 02 Apr 2018 17:58

Tgt Ion: 76 Resp: 713

Ion Ratio Lower Upper

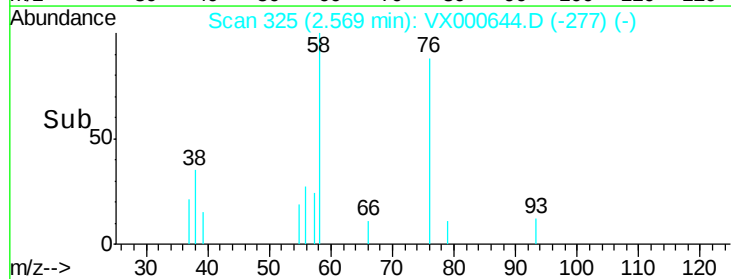
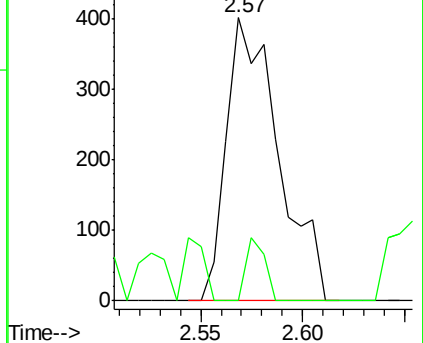
76 100

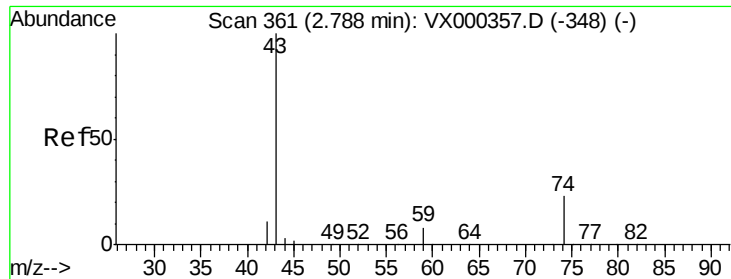
78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

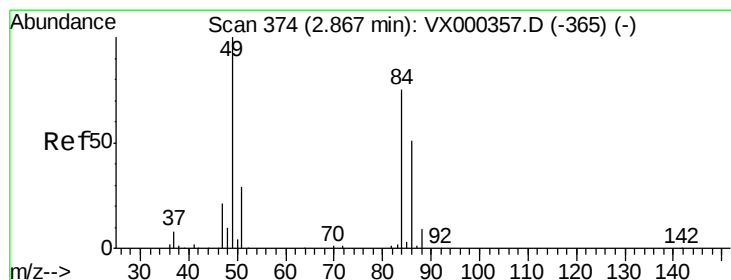
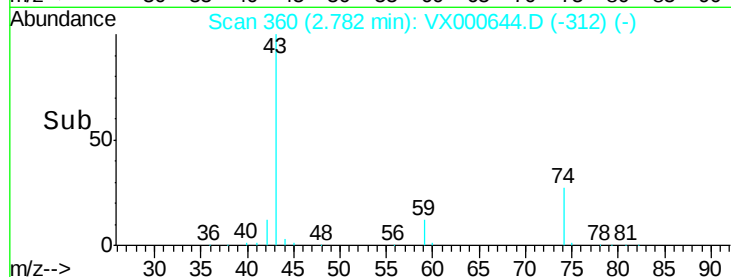
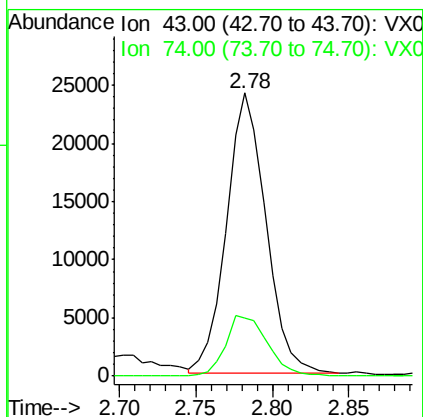
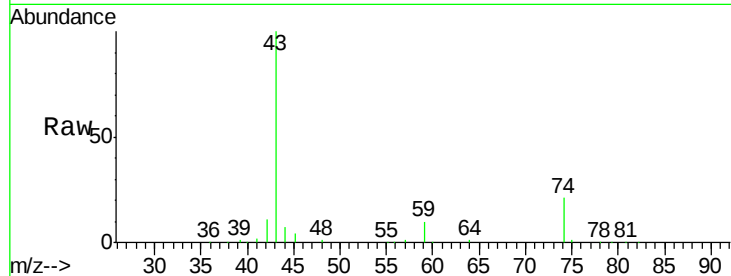




#18
Methyl Acetate
Concen: 16.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

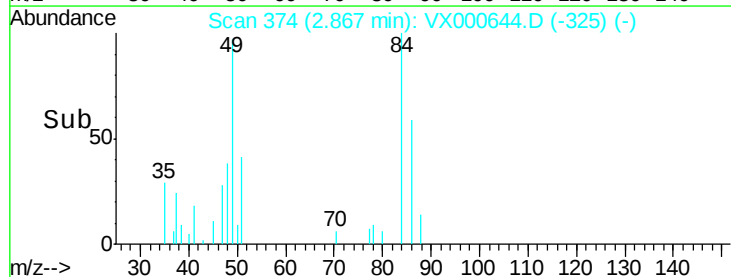
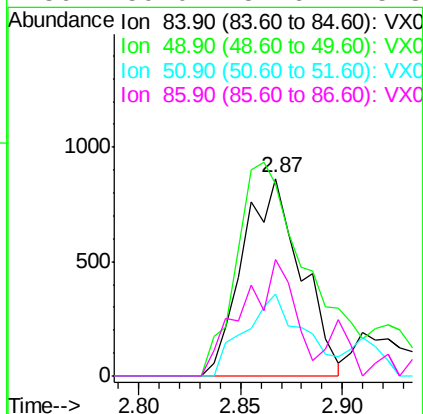
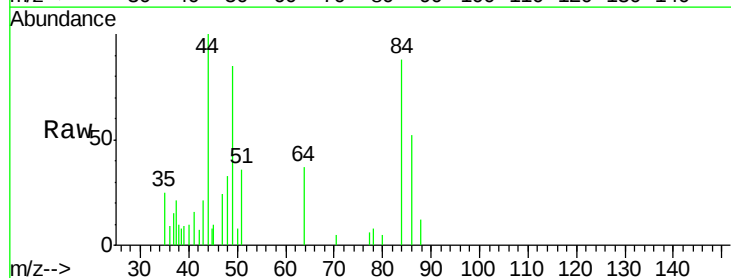
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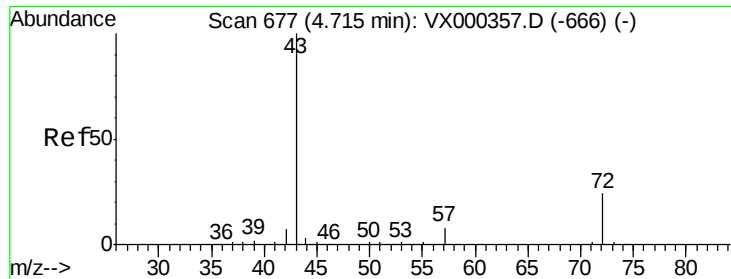
Tgt Ion: 43 Resp: 43204
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#20
Methylene Chloride
Concen: 1.16 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 84 Resp: 1719
Ion Ratio Lower Upper
84 100
49 97.1 100.6 151.0#
51 41.3 31.6 47.4
86 59.0 52.6 78.8





#25

2-Butanone

Concen: 17.22 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

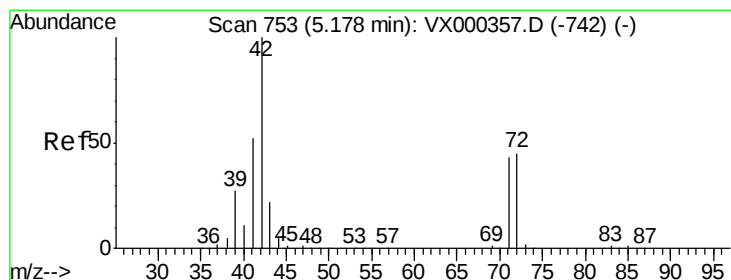
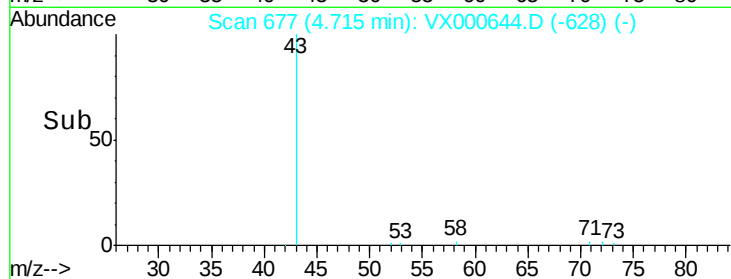
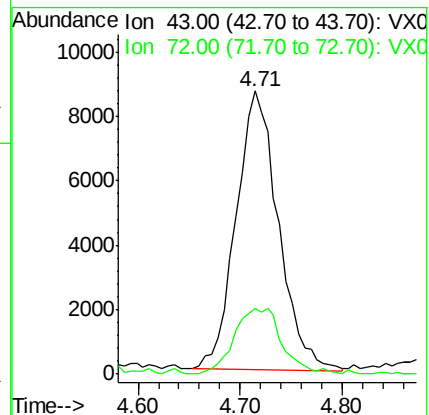
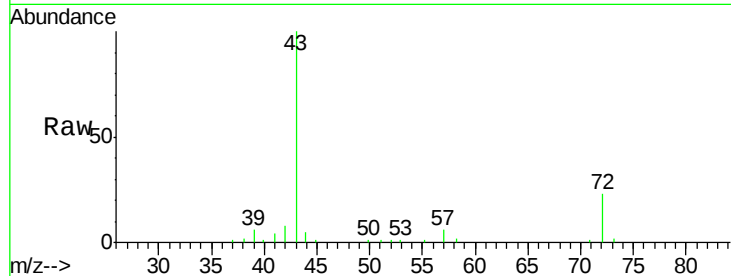
22043-5-132-4-78-80

Tgt Ion: 43 Resp: 24890

Ion Ratio Lower Upper

43 100

72 23.7 21.0 31.6



#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

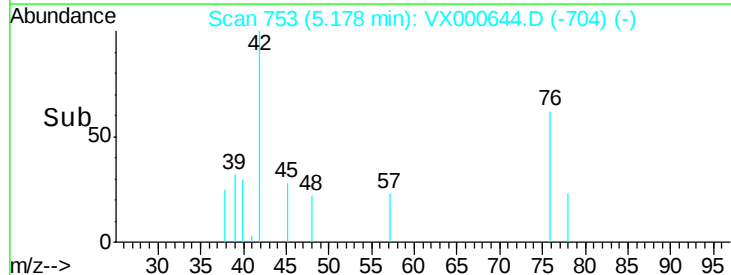
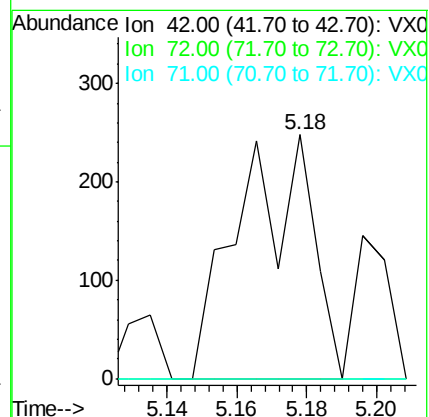
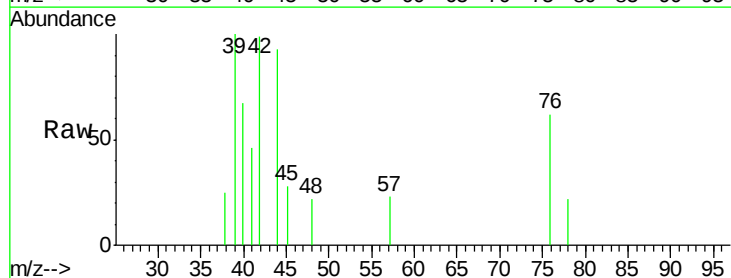
Tgt Ion: 42 Resp: 357

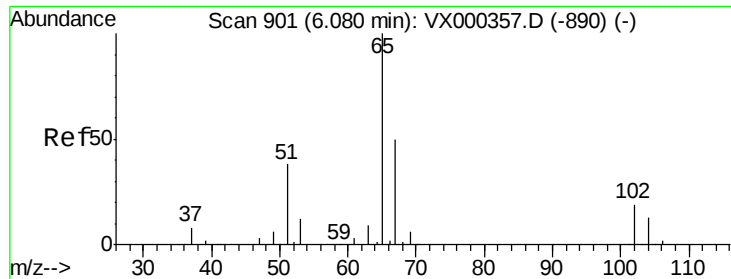
Ion Ratio Lower Upper

42 100

72 0.0 37.9 56.9#

71 0.0 34.4 51.6#

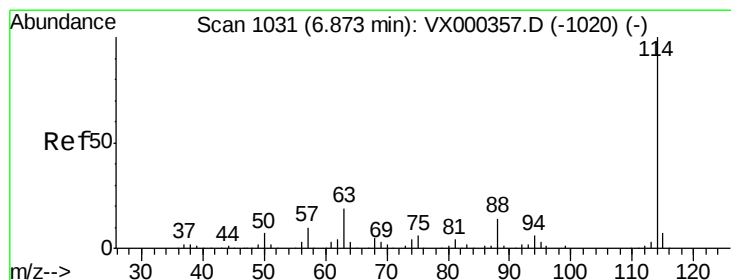
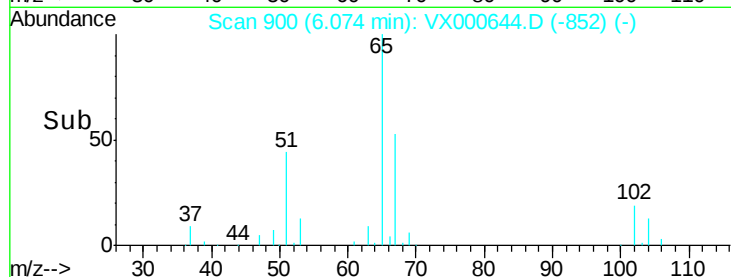
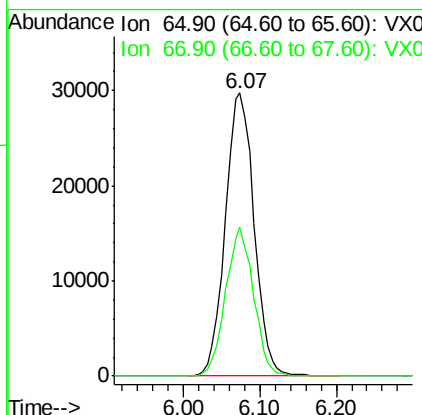
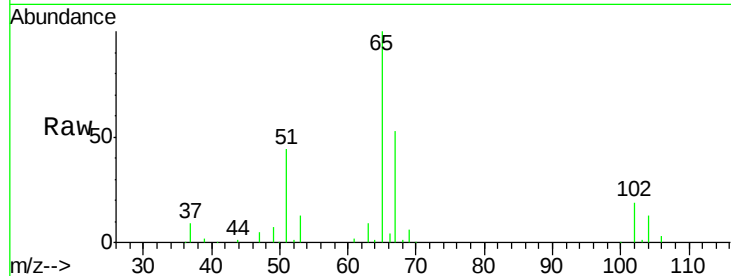




#33
 1,2-Dichloroethane-d4
 Concen: 50.03 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000644.D
 Acq: 02 Apr 2018 17:58

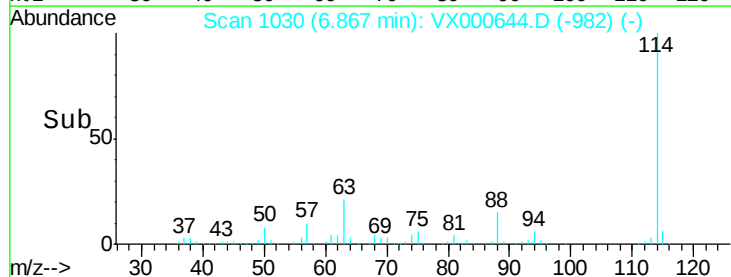
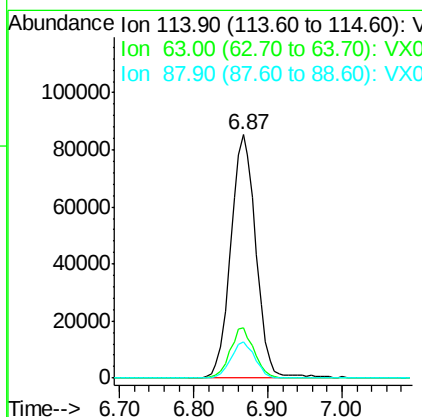
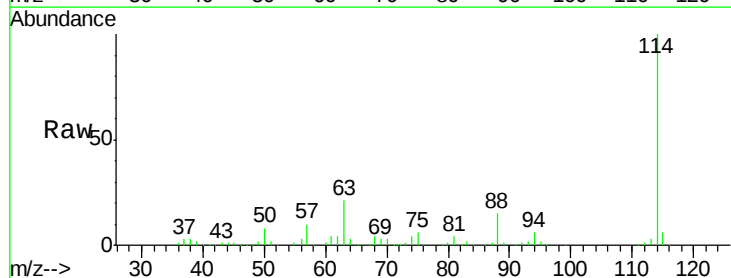
Instrument :
 MSVOA_X
 ClientSampleId :
 22043-5-132-4-78-80

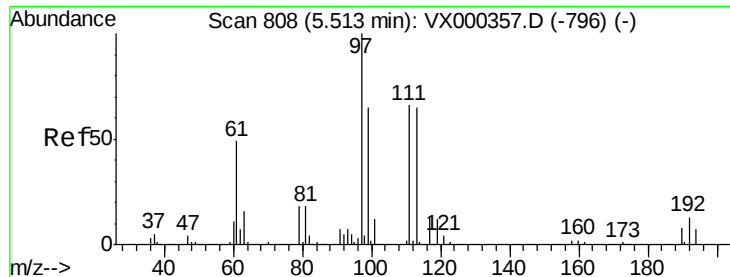
Tgt Ion: 65 Resp: 77347
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000644.D
 Acq: 02 Apr 2018 17:58

Tgt Ion: 114 Resp: 201904
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.4
 88 15.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

22043-5-132-4-78-80

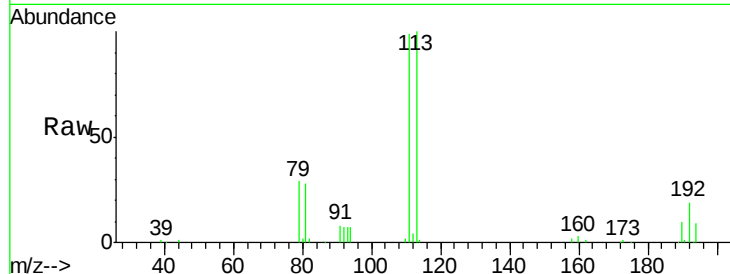
Tgt Ion:113 Resp: 61738

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

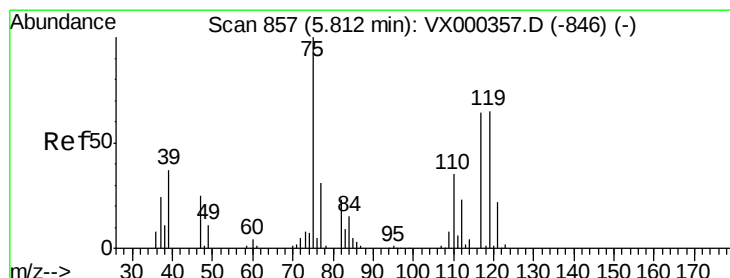
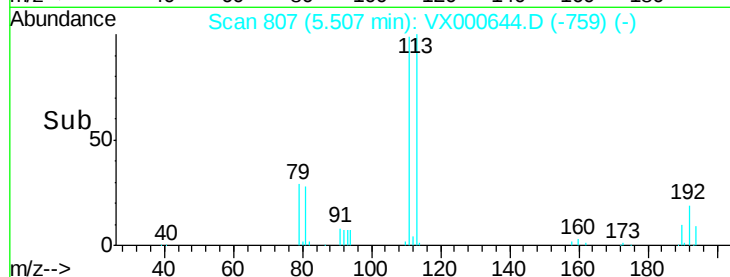
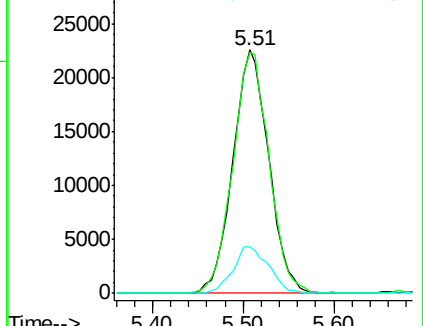
192 19.0 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.15 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

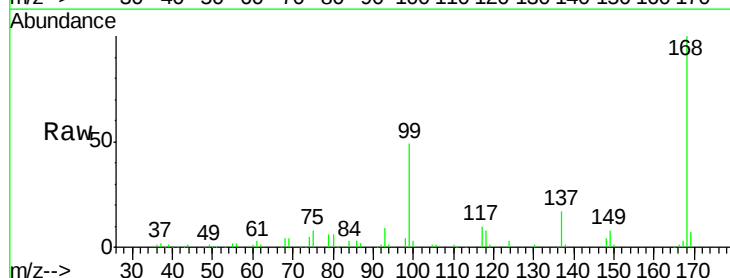
Tgt Ion: 75 Resp: 9363

Ion Ratio Lower Upper

75 100

110 4.4 17.9 53.7#

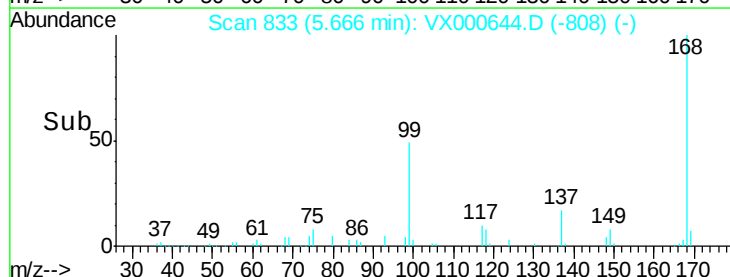
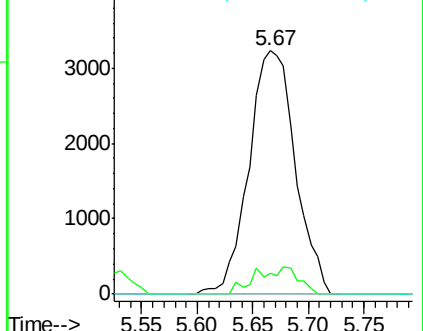
77 0.0 24.0 36.0#

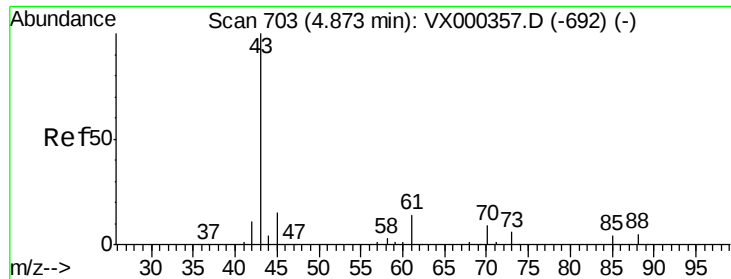


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.68 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

22043-5-132-4-78-80

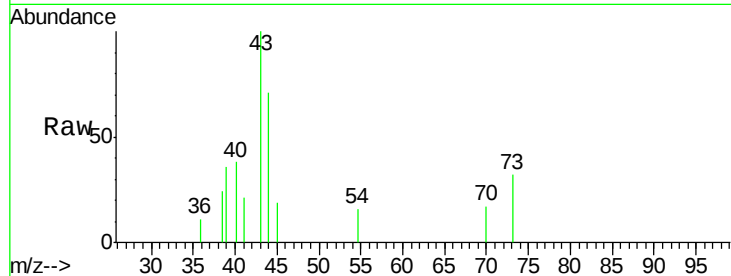
Tgt Ion: 43 Resp: 1750

Ion Ratio Lower Upper

43 100

61 2.1 11.1 16.7#

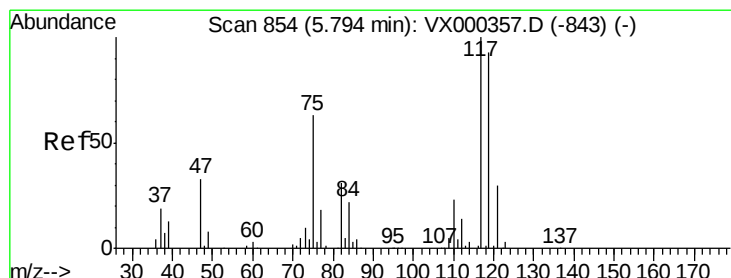
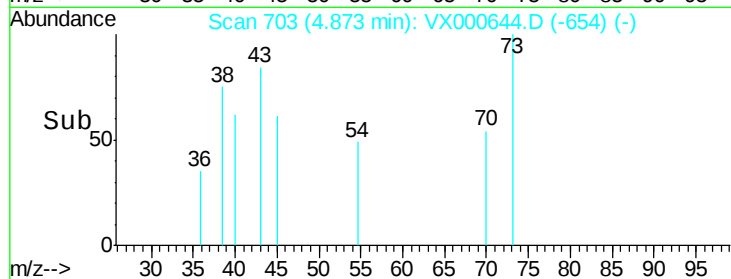
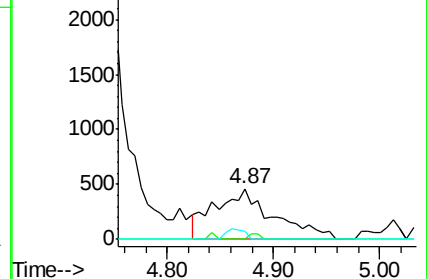
70 6.8 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000357.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000357.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 5.93 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

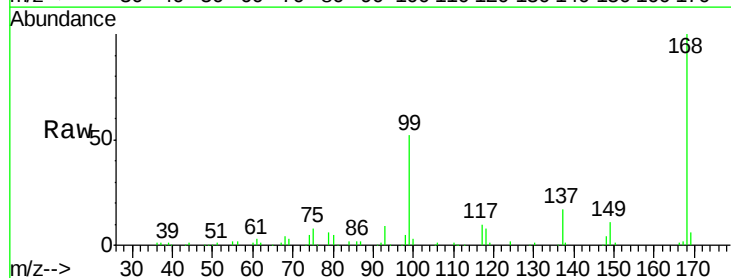
Tgt Ion: 117 Resp: 11760

Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.2#

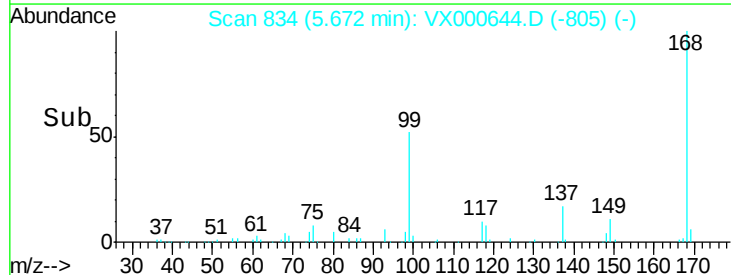
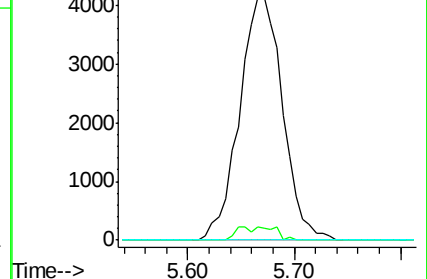
121 0.0 24.8 37.2#

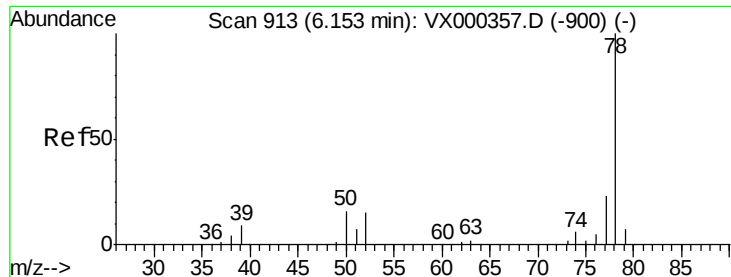


Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000357.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000357.D (-843) (-)





#40

Benzene

Concen: 12.89 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

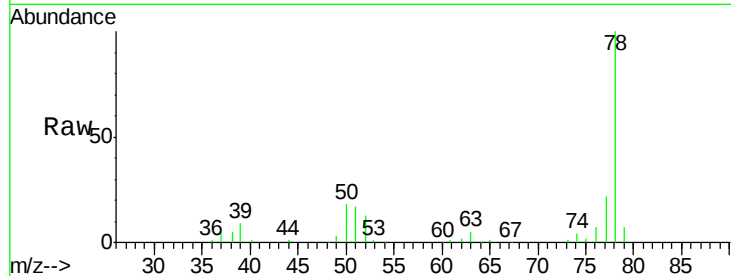
22043-5-132-4-78-80

Tgt Ion: 78 Resp: 70803

Ion Ratio Lower Upper

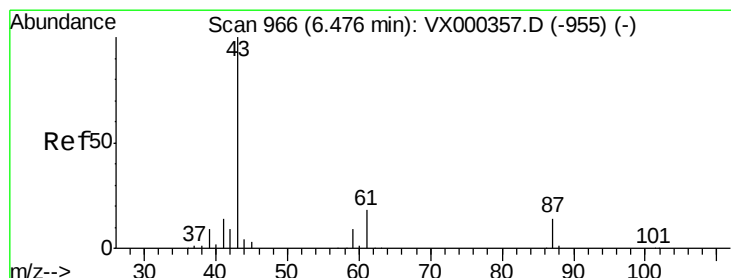
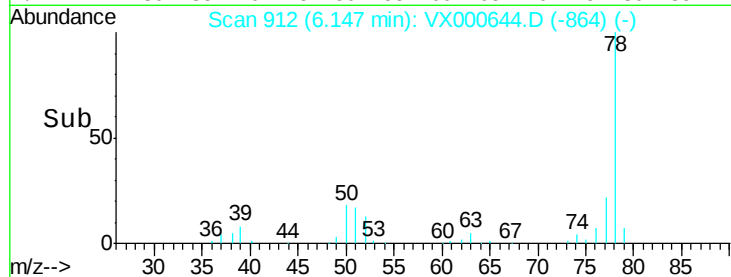
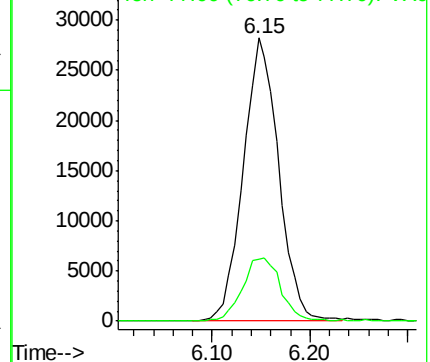
78 100

77 22.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

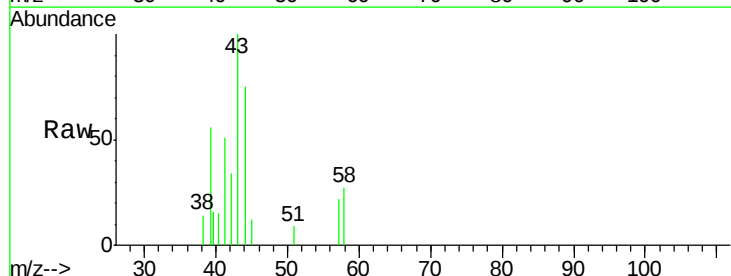
Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

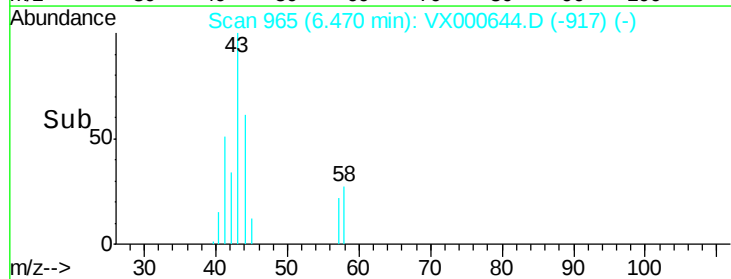
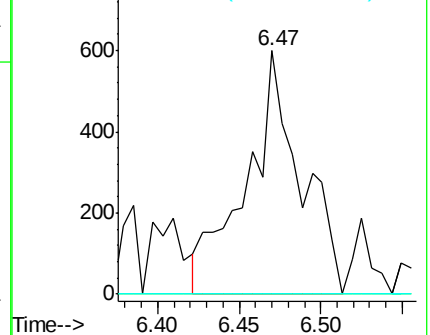
87 0.0 11.0 16.4#

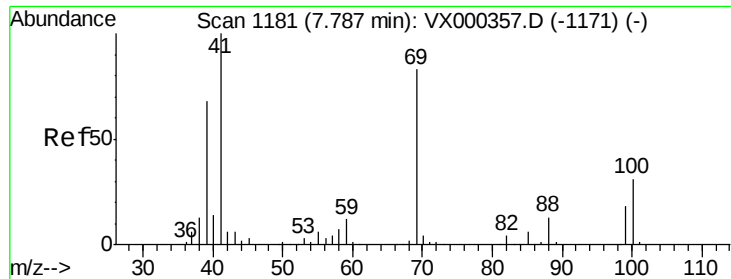


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methyl methacrylate

Concen: 0.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

22043-5-132-4-78-80

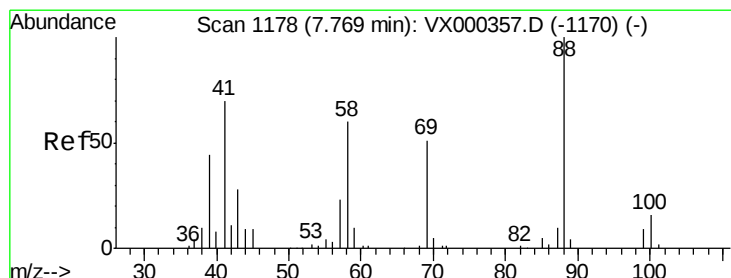
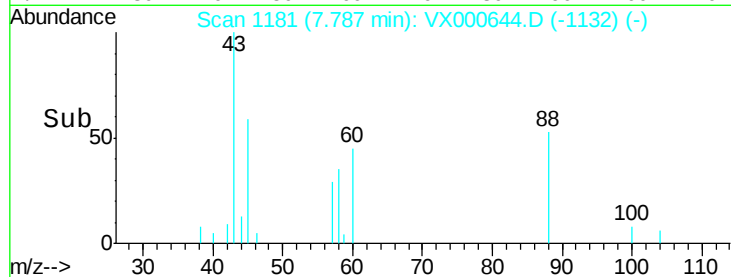
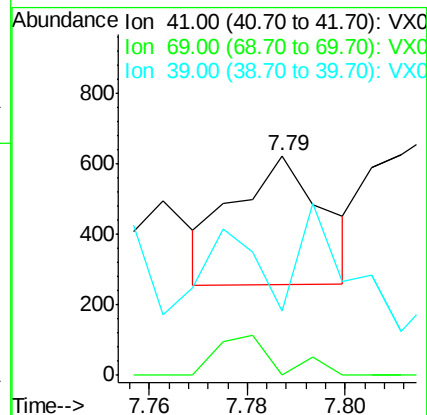
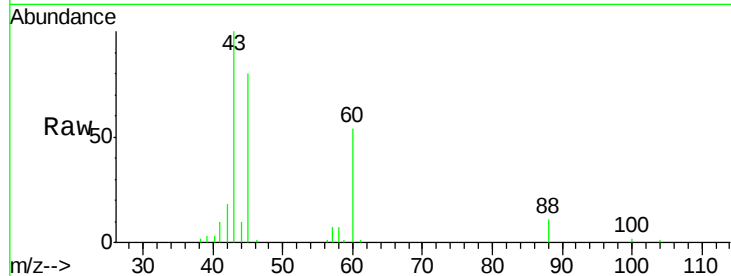
Tgt Ion: 41 Resp: 461

Ion Ratio Lower Upper

41 100

69 21.0 68.2 102.4#

39 53.1 54.6 81.8#



#49

1,4-Dioxane

Concen: 61.49 ug/l

RT: 7.80 min Scan# 1183

Delta R.T. 0.03 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

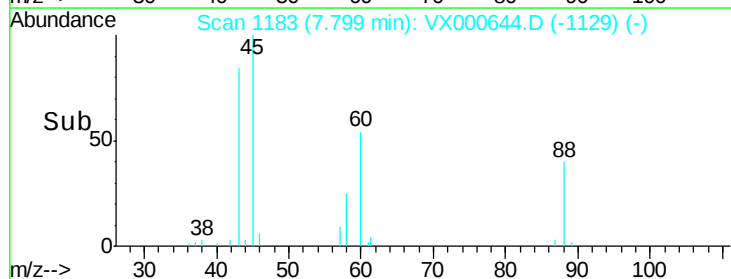
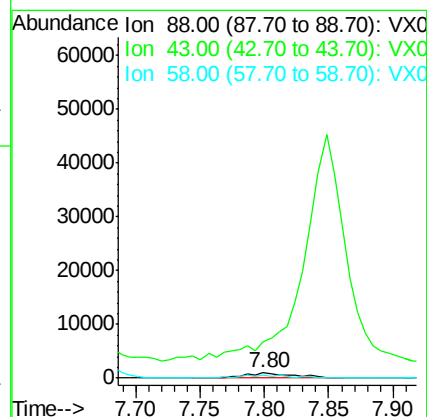
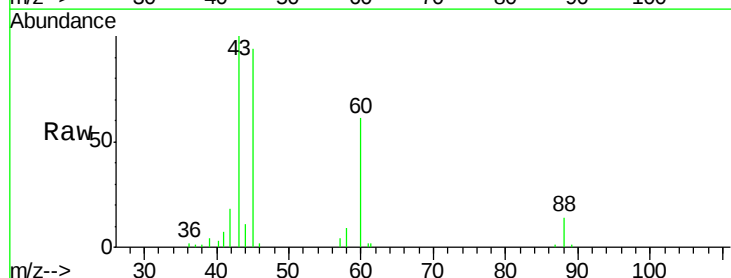
Tgt Ion: 88 Resp: 2413

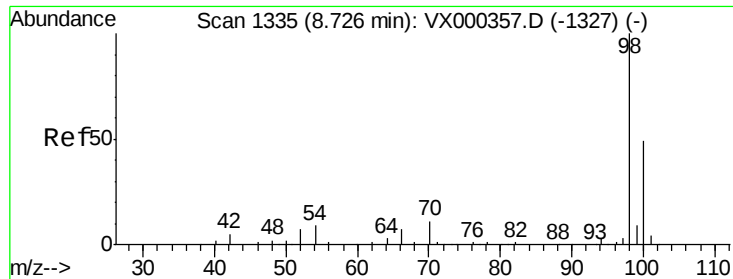
Ion Ratio Lower Upper

88 100

43 0.0 26.8 40.2#

58 54.5 52.2 78.2

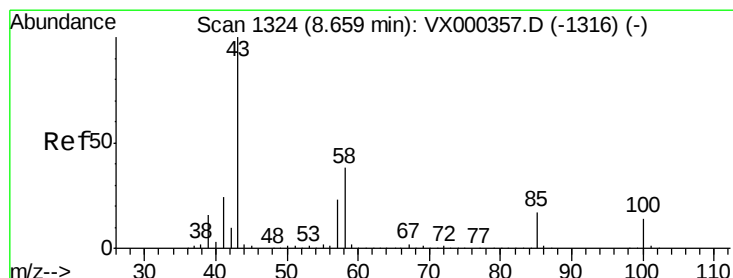
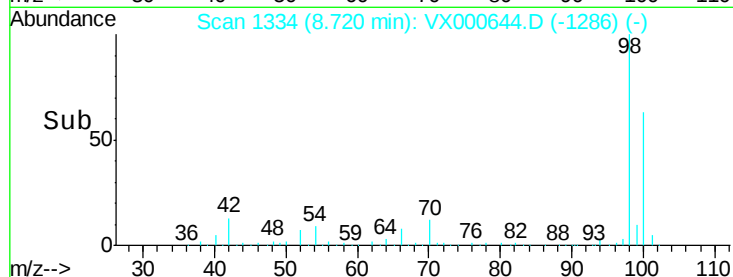
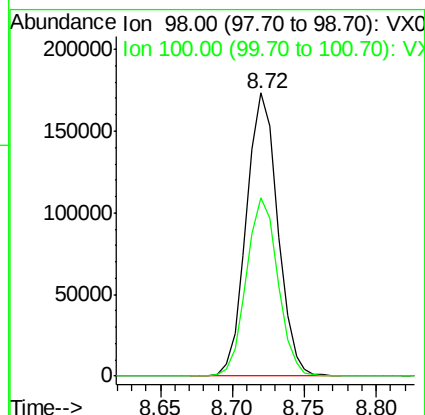
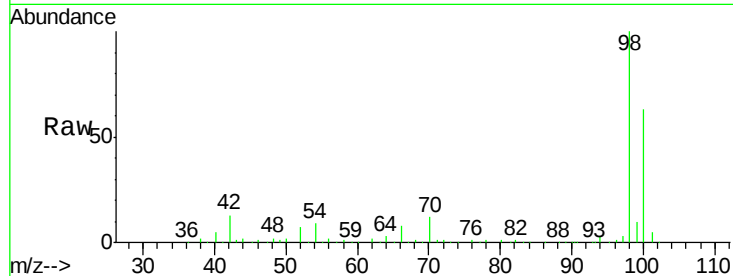




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

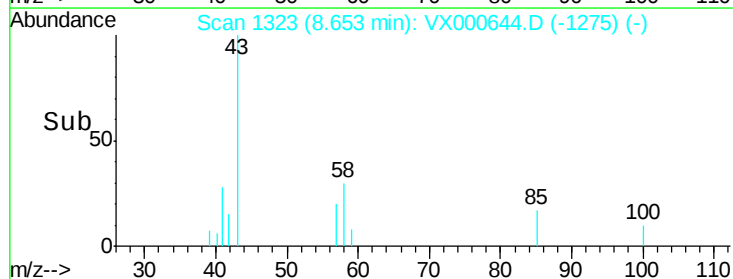
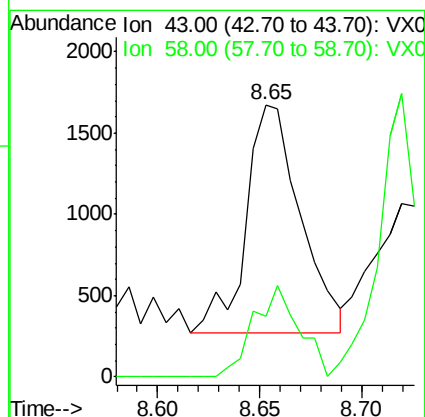
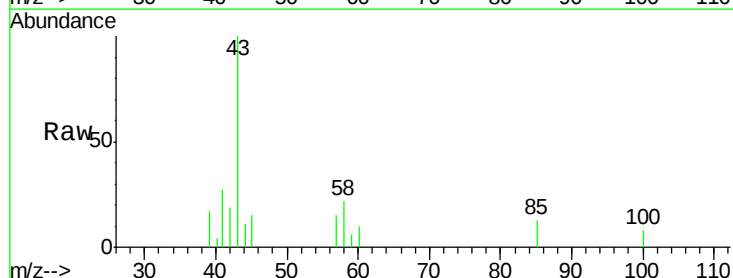
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

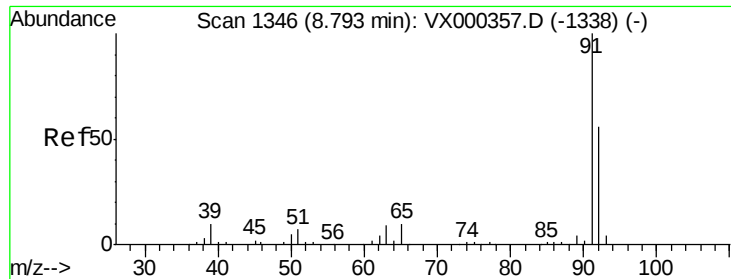
Tgt Ion: 98 Resp: 262090
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.88 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 43 Resp: 2622
Ion Ratio Lower Upper
43 100
58 33.1 30.3 45.5





#52

Toluene

Concen: 13.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

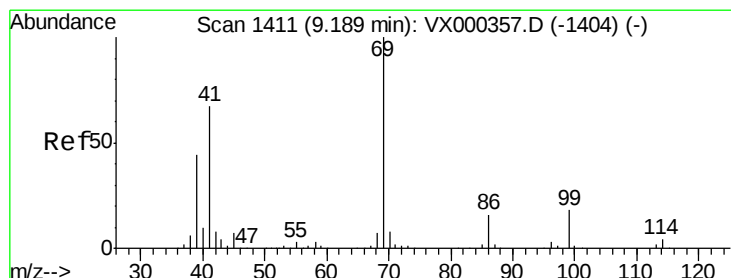
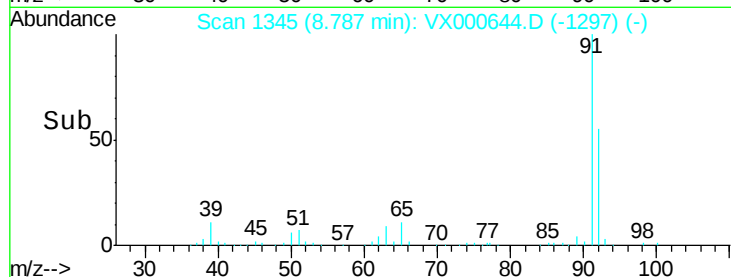
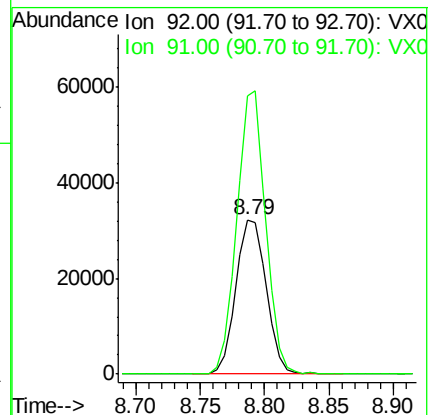
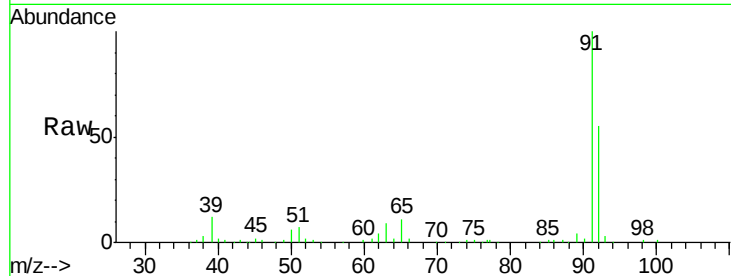
22043-5-132-4-78-80

Tgt Ion: 92 Resp: 53298

Ion Ratio Lower Upper

92 100

91 173.4 140.2 210.2



#56

Ethyl methacrylate

Concen: 0.30 ug/l

RT: 9.10 min Scan# 1397

Delta R.T. -0.09 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

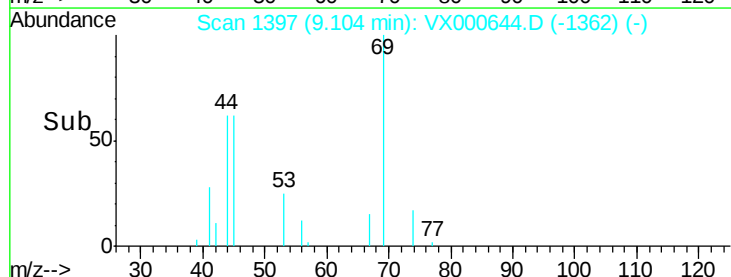
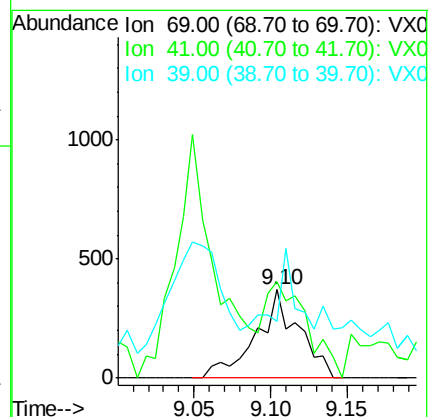
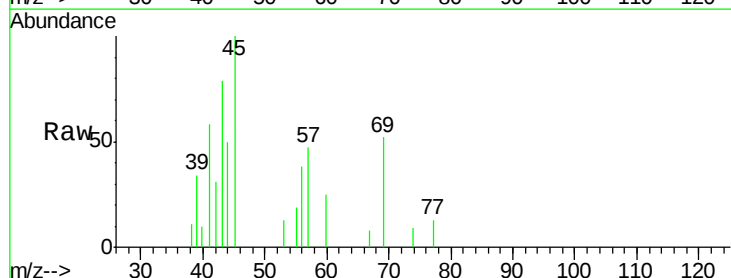
Tgt Ion: 69 Resp: 718

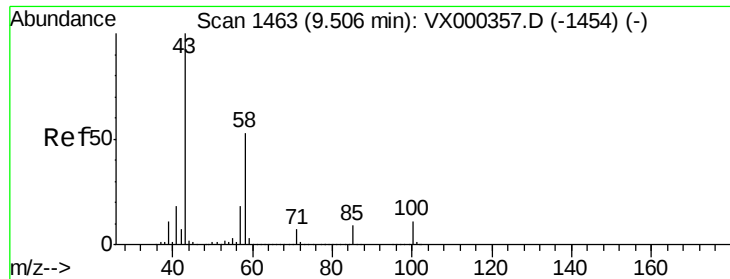
Ion Ratio Lower Upper

69 100

41 104.7 53.0 79.6#

39 32.5 35.3 52.9#

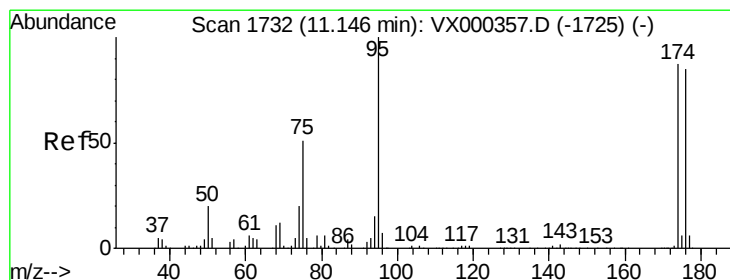
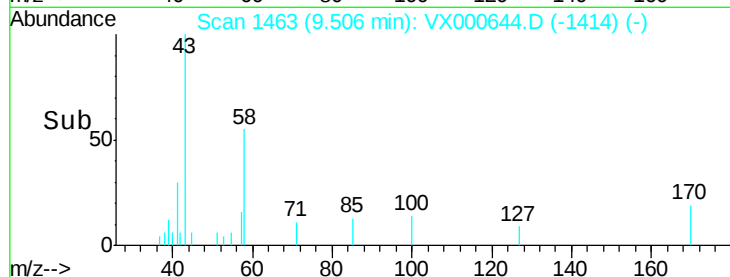
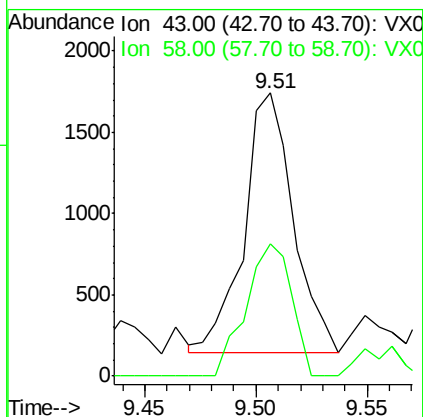
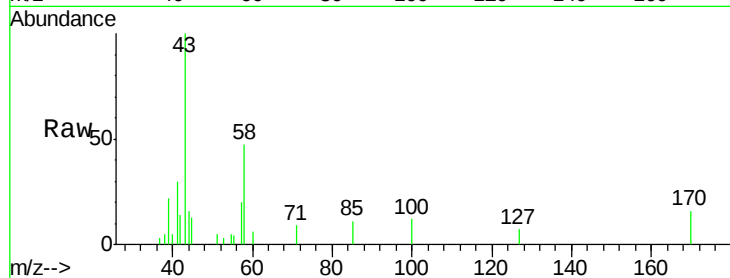




#59
2-Hexanone
Concen: 0.98 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

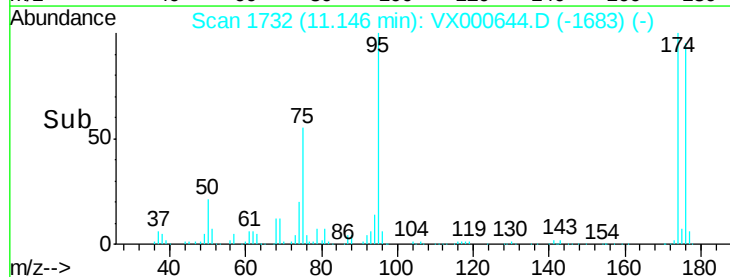
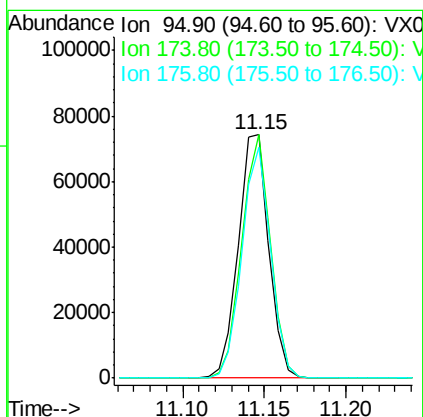
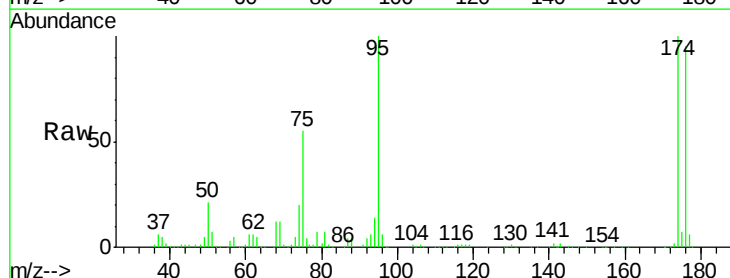
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

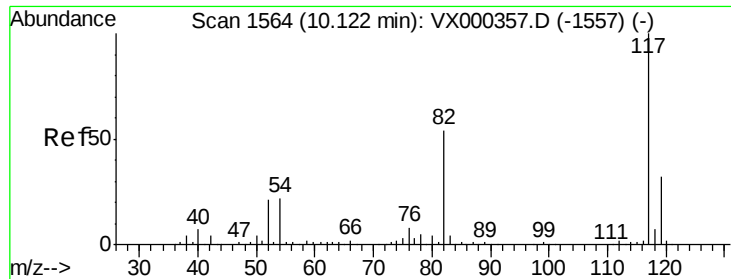
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
58 46.7 26.6 79.7



#62
4-Bromofluorobenzene
Concen: 44.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 95 Resp: 96914
Ion Ratio Lower Upper
95 100
174 94.2 0.0 173.6
176 89.3 0.0 164.6

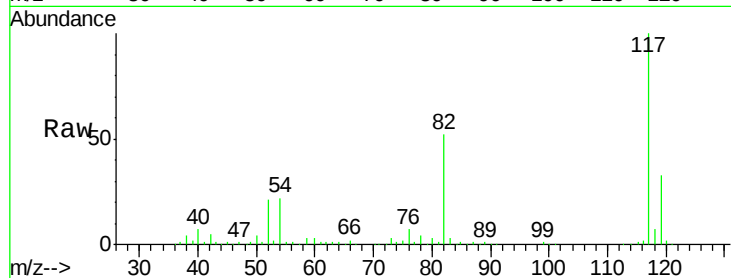




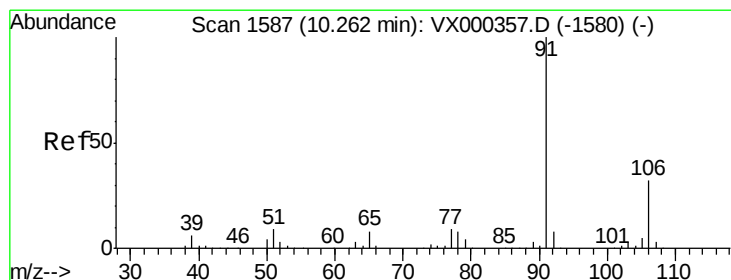
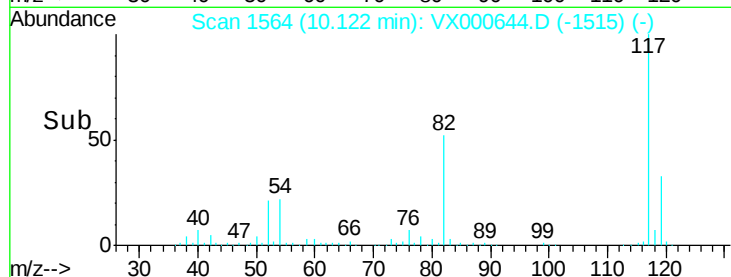
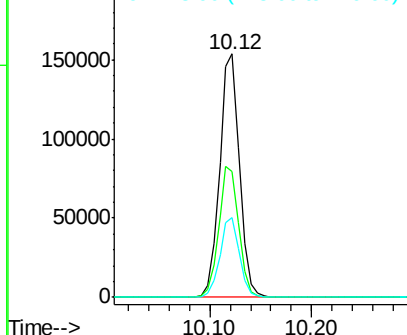
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tgt Ion: 117 Resp: 208772
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.8
119 32.8 24.9 37.3

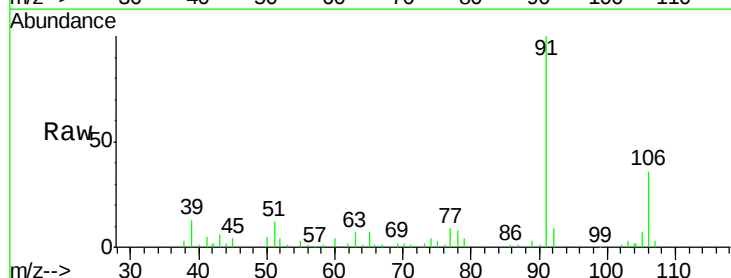


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

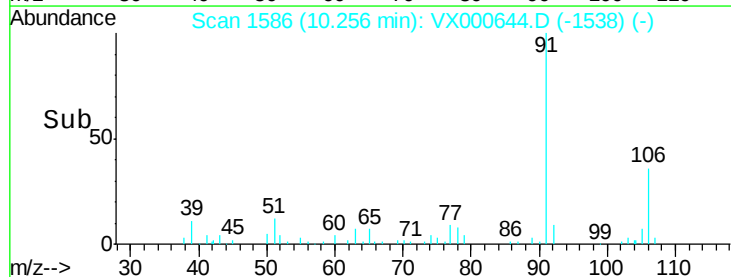
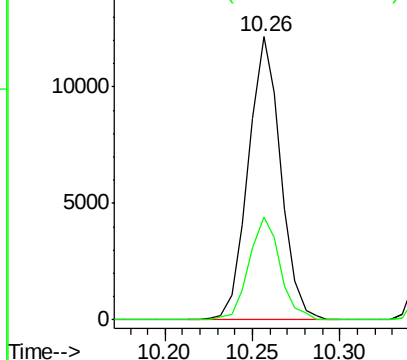


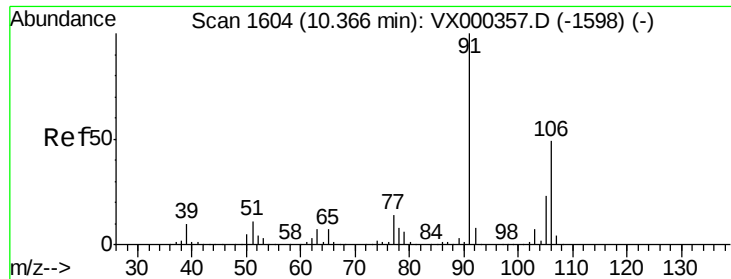
#67
Ethyl Benzene
Concen: 2.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 91 Resp: 15742
Ion Ratio Lower Upper
91 100
106 36.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

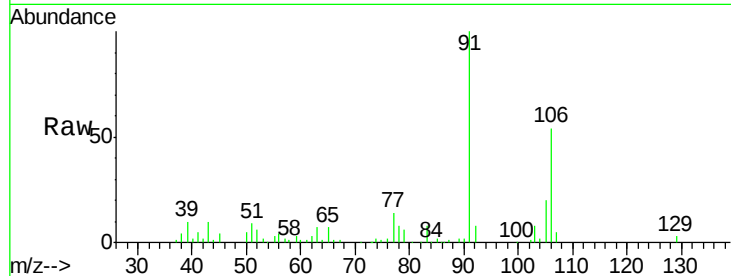




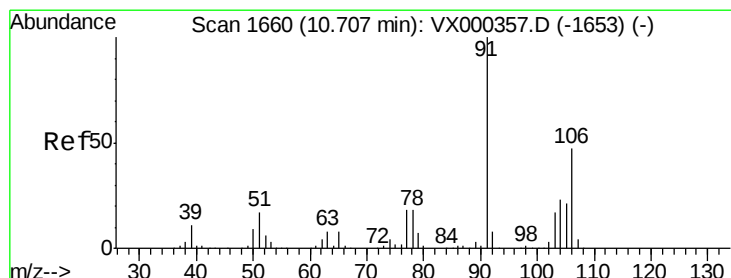
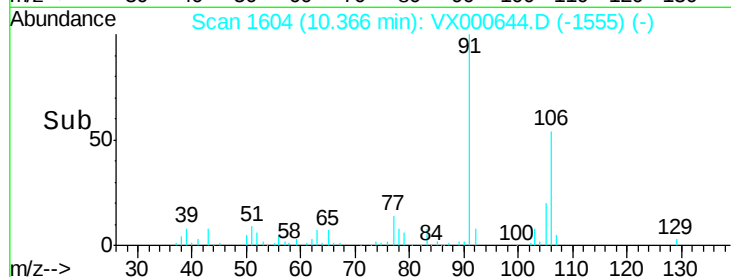
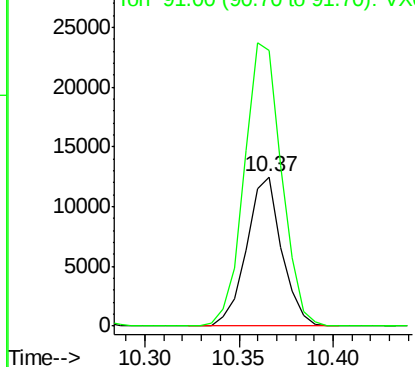
#68
m/p-Xylenes
Concen: 5.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tgt Ion:106 Resp: 16060
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

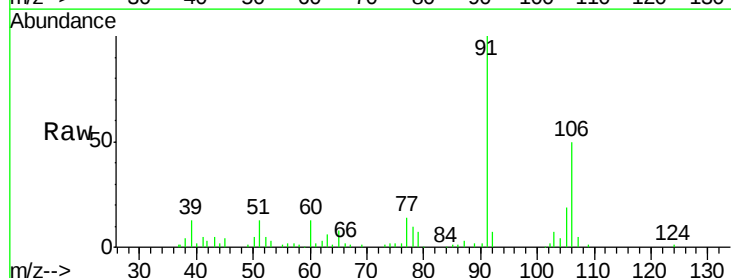


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

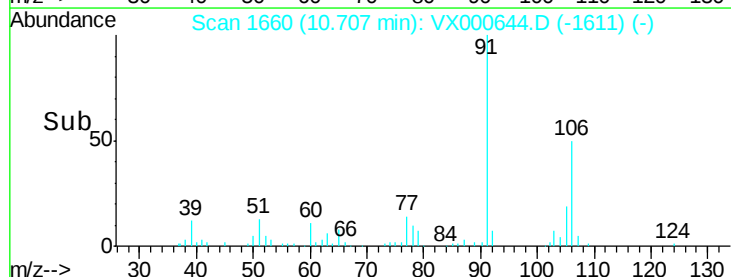
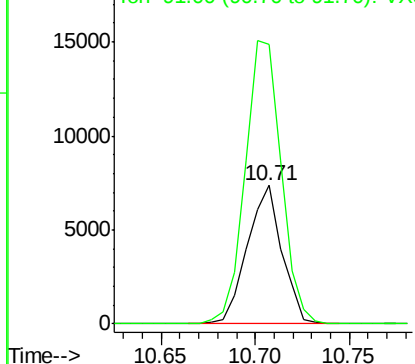


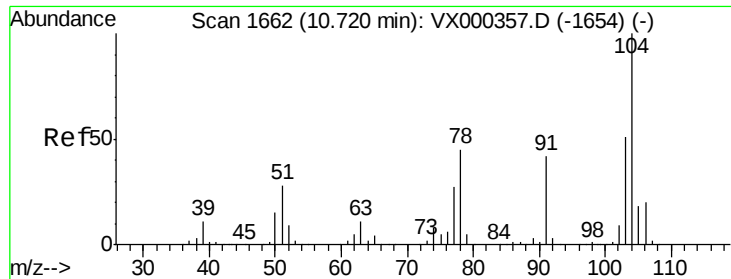
#69
o-Xylene
Concen: 3.12 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion:106 Resp: 9364
Ion Ratio Lower Upper
106 100
91 213.4 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

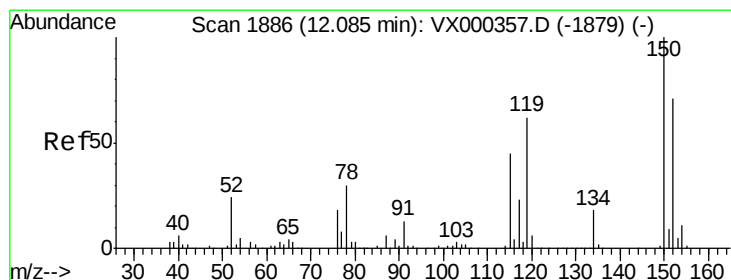
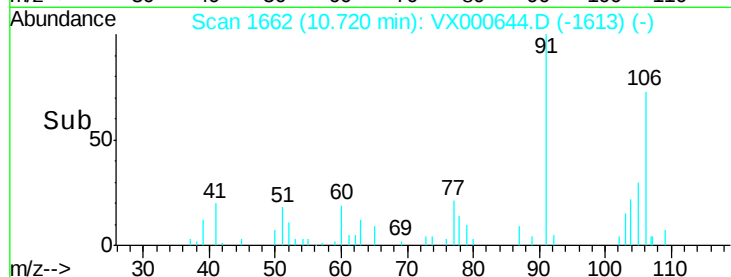
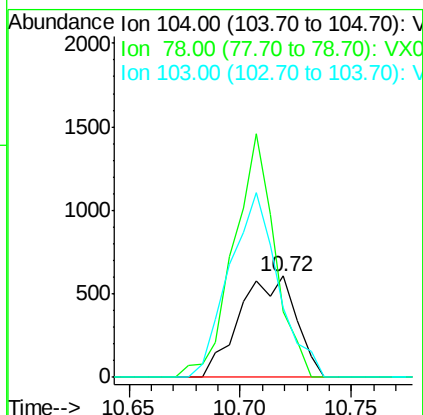
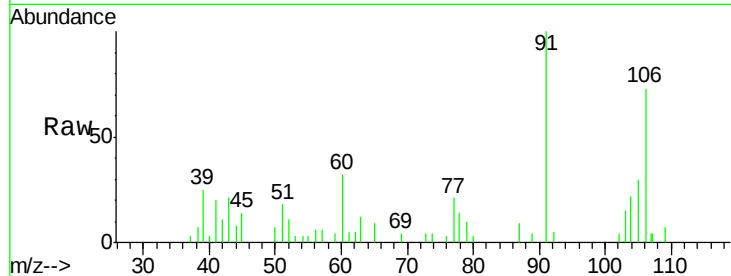




#70
Styrene
Concen: 0.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

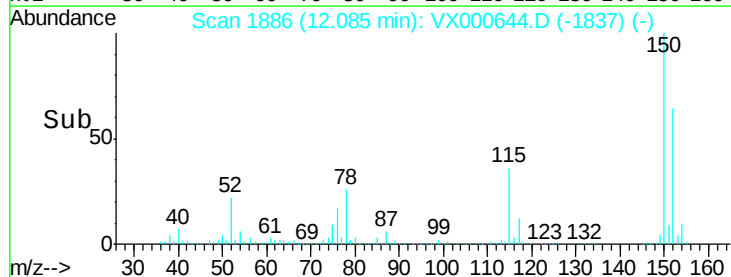
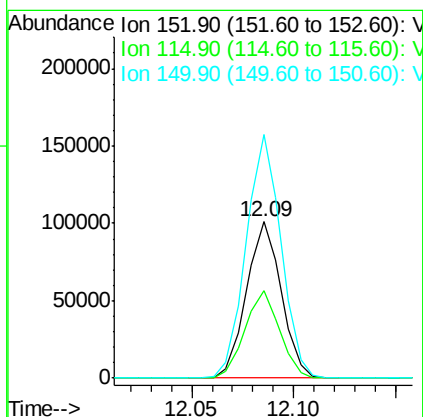
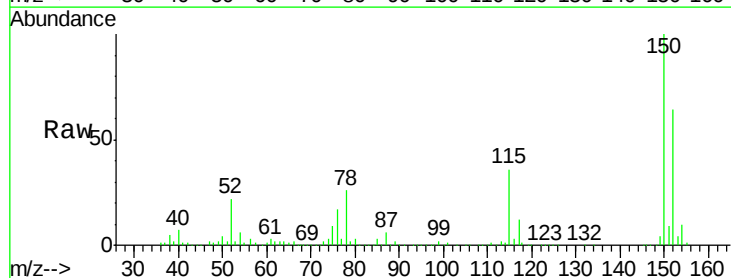
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

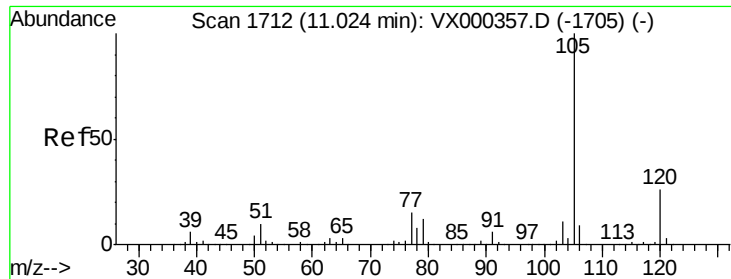
Tgt Ion:104 Resp: 1072
Ion Ratio Lower Upper
104 100
78 175.5 40.5 60.7#
103 158.2 45.7 68.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion:152 Resp: 119702
Ion Ratio Lower Upper
152 100
115 56.0 39.8 119.3
150 156.6 0.0 344.4





#73

Isopropylbenzene

Concen: 0.24 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

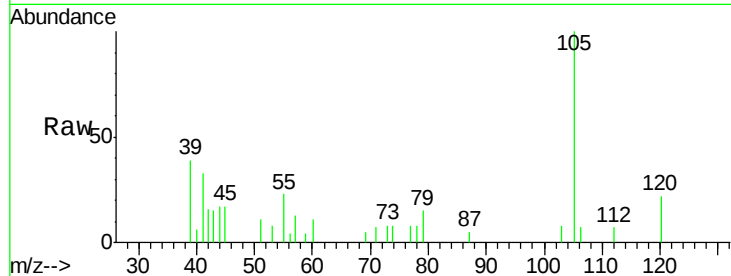
22043-5-132-4-78-80

Tgt Ion: 105 Resp: 1870

Ion Ratio Lower Upper

105 100

120 31.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

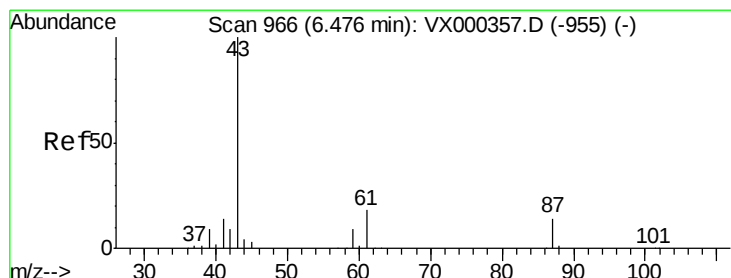
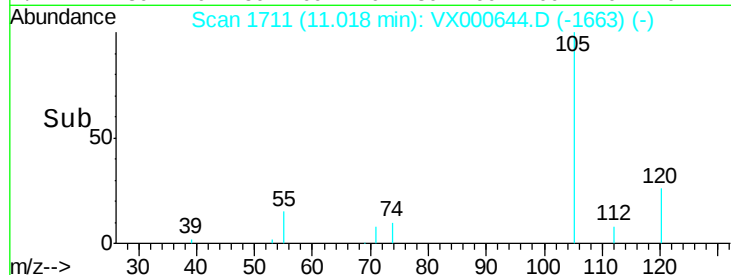
11.02

1000

500

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Tgt Ion: 43 Resp: 1394

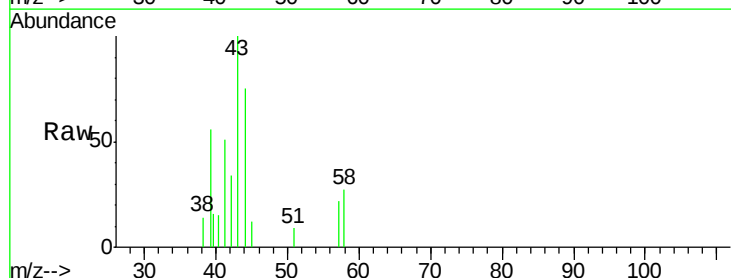
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800

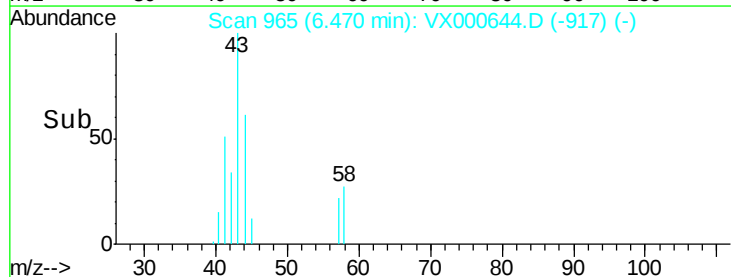
600

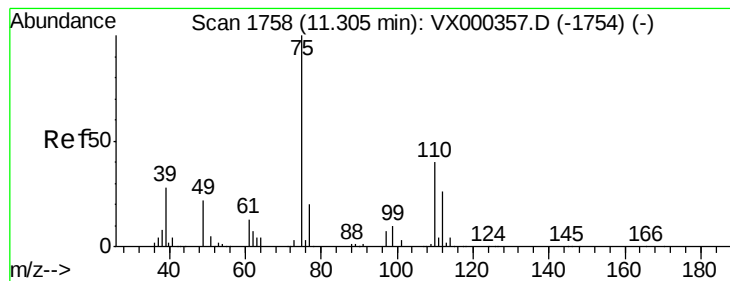
400

200

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 22.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

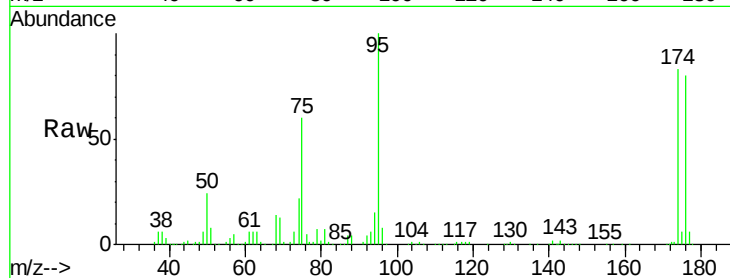
22043-5-132-4-78-80

Tgt Ion: 75 Resp: 57041

Ion Ratio Lower Upper

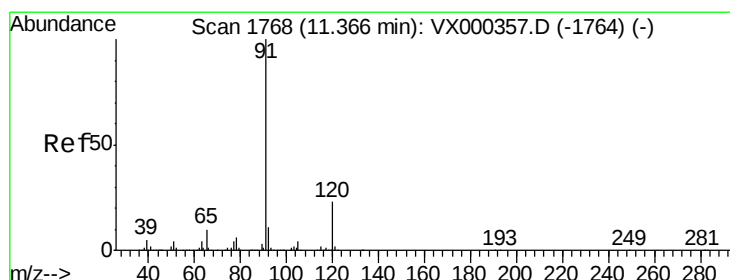
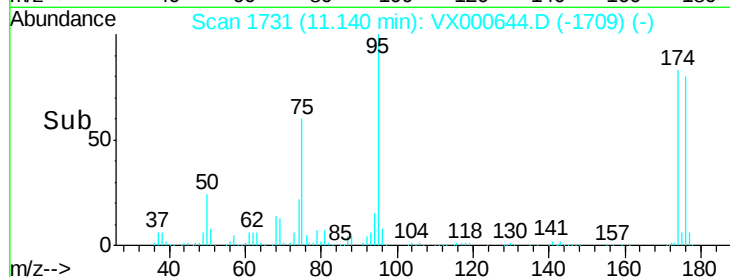
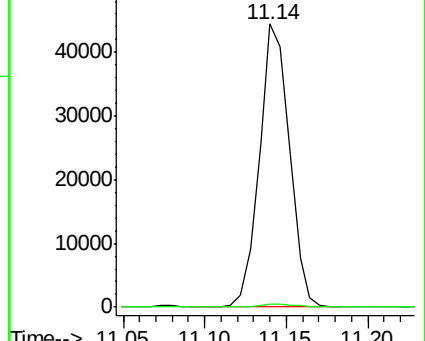
75 100

77 1.4 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.29 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000644.D

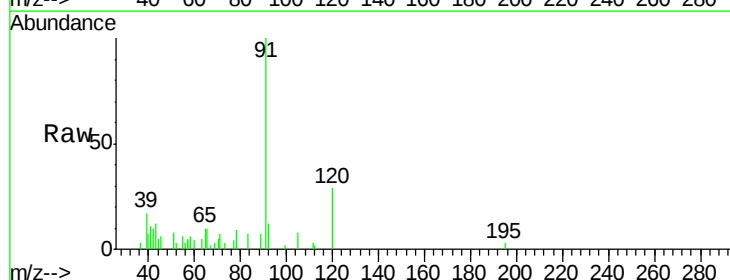
Acq: 02 Apr 2018 17:58

Tgt Ion: 91 Resp: 2739

Ion Ratio Lower Upper

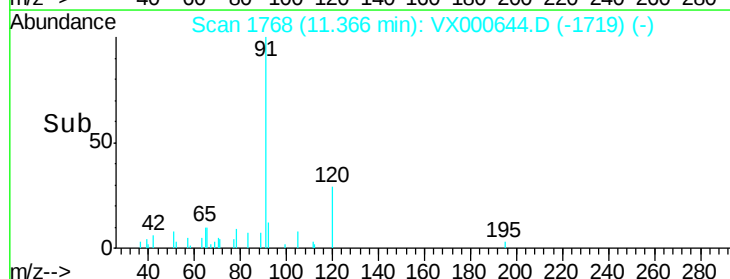
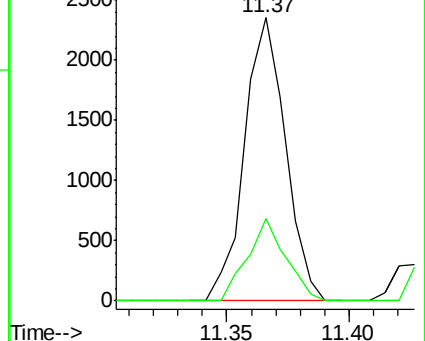
91 100

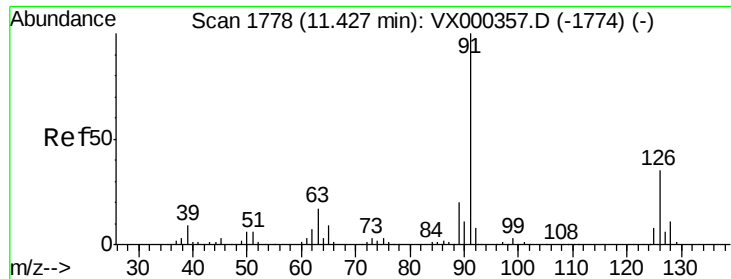
120 27.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.22 ug/l

RT: 11.45 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VX000644.D

Acq: 02 Apr 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

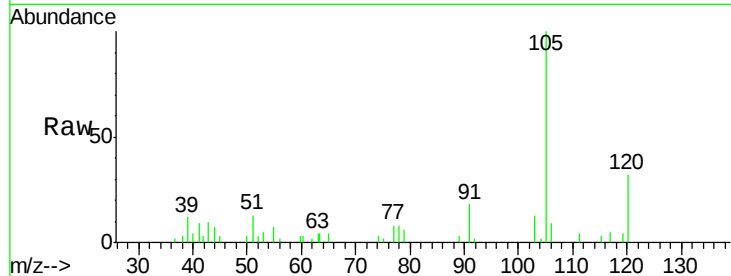
22043-5-132-4-78-80

Tgt Ion: 91 Resp: 1223

Ion Ratio Lower Upper

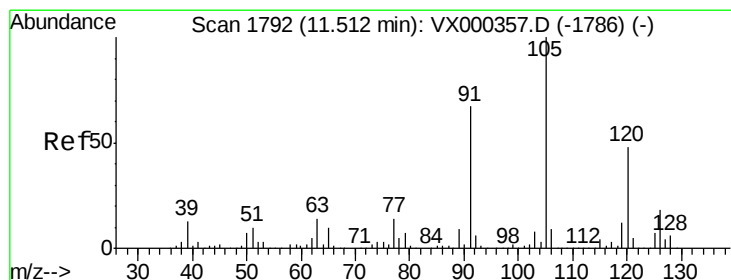
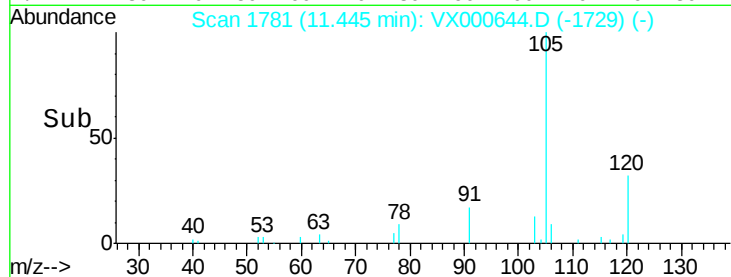
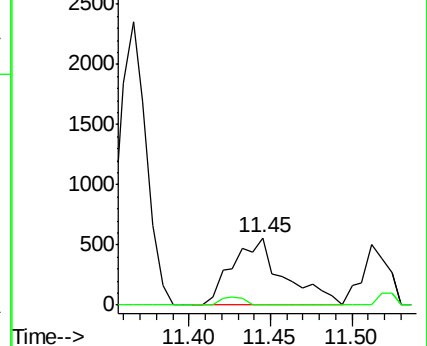
91 100

126 5.3 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000644.D

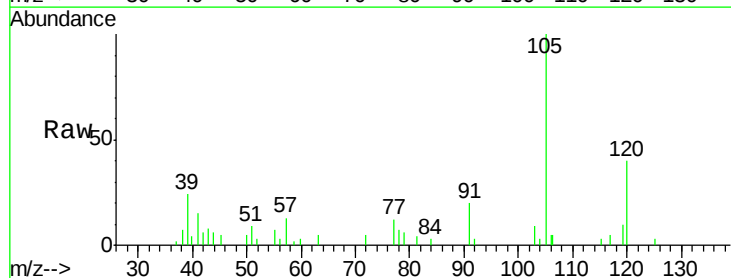
Acq: 02 Apr 2018 17:58

Tgt Ion: 105 Resp: 2857

Ion Ratio Lower Upper

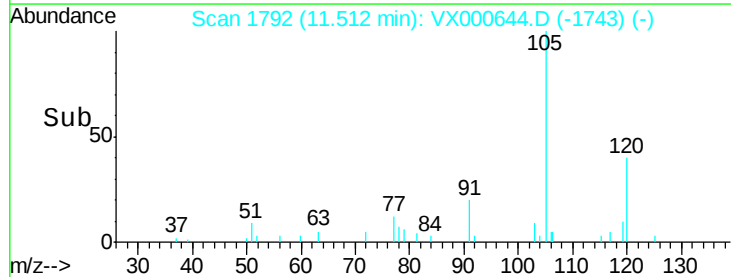
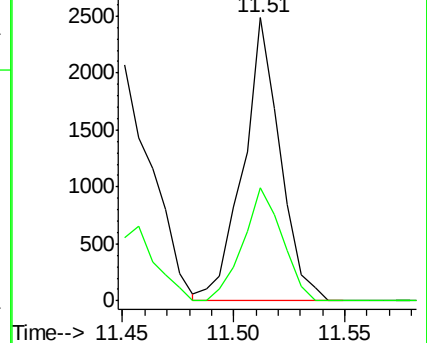
105 100

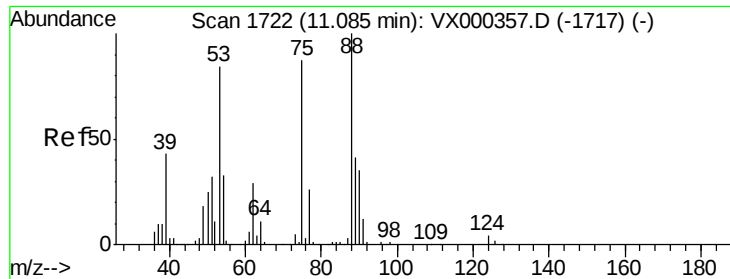
120 42.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

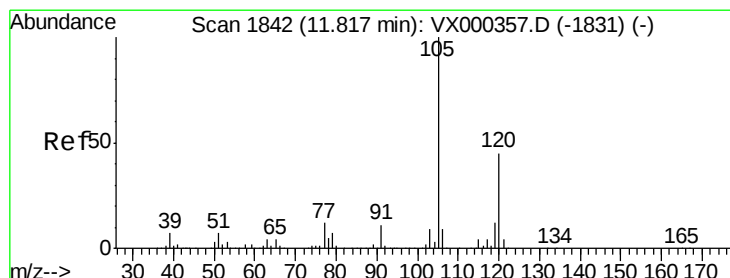
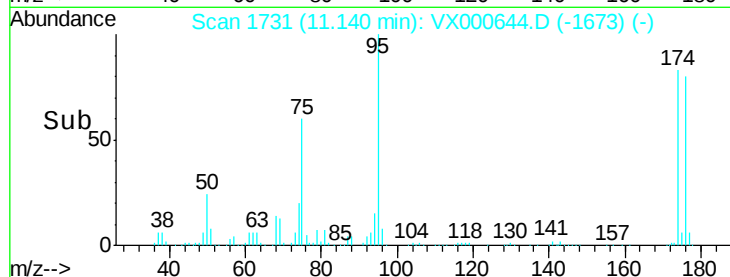
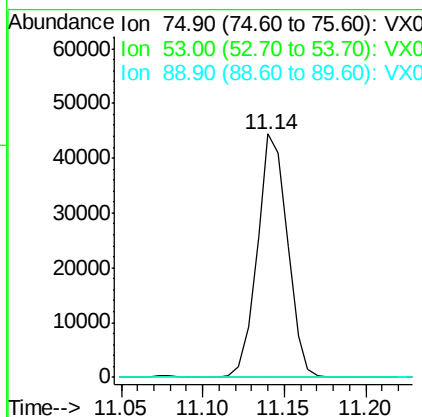
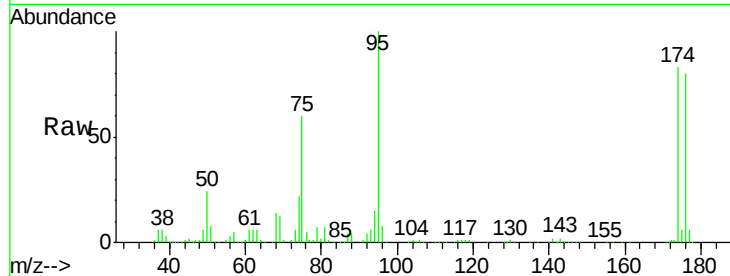




#81
trans-1,4-Dichloro-2-butene
Concen: 71.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.05 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

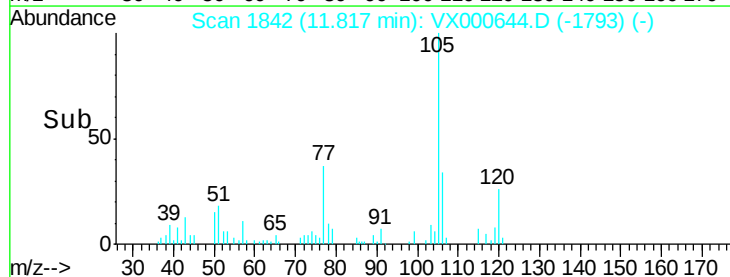
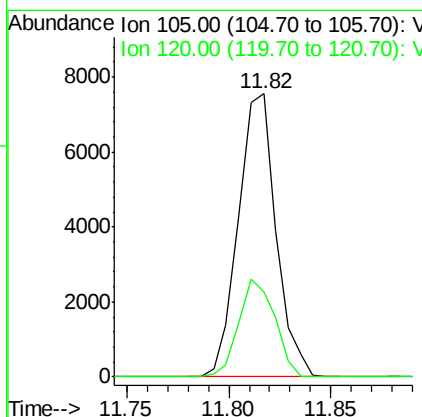
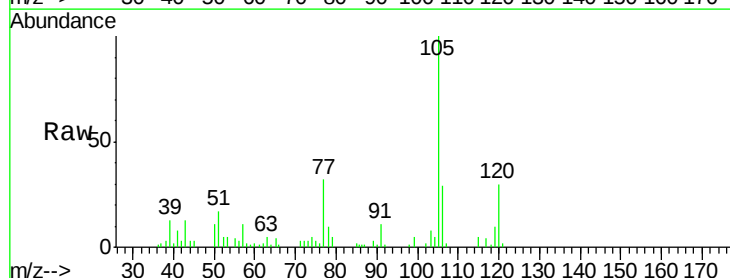
Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

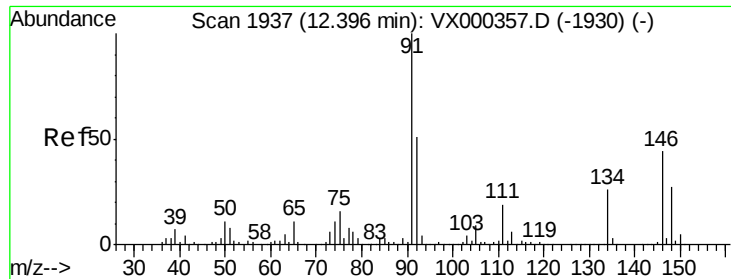
Tgt Ion: 75 Resp: 57041
Ion Ratio Lower Upper
75 100
53 0.0 80.7 121.1#
89 0.1 39.4 59.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.39 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 105 Resp: 9712
Ion Ratio Lower Upper
105 100
120 32.7 22.4 67.3

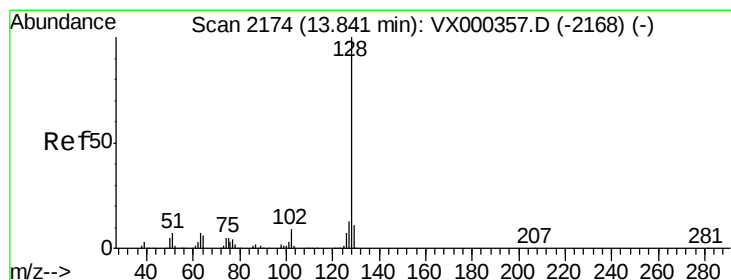
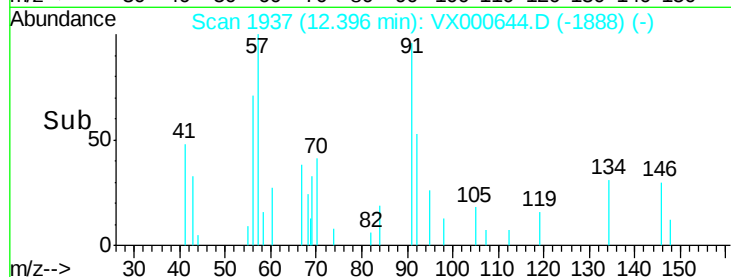
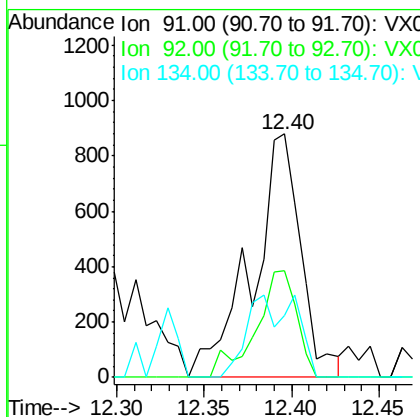
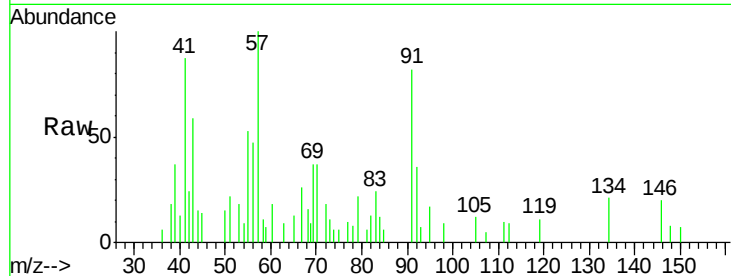




#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
22043-5-132-4-78-80

Tgt Ion: 91 Resp: 1712
Ion Ratio Lower Upper
91 100
92 36.8 25.9 77.8
134 19.3 13.1 39.3



#95
Naphthalene
Concen: 4.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000644.D
Acq: 02 Apr 2018 17:58

Tgt Ion: 128 Resp: 43496
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.9 13.3

