

Data File : VX001374.D

Acq On : 03 May 2018 22:00

Operator : JC/MD

Sample : J2679-04 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

Quant Time: May 04 07:18:01 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	150591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	79778	38.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.54%	
35) Dibromofluoromethane	5.51	113	67697	37.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.12%	
50) Toluene-d8	8.72	98	249431	38.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.44%	
62) 4-Bromofluorobenzene	11.15	95	80709	30.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.86%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	506	Below Cal	#	39
10) Methyl Iodide	2.53	142	503	4.58	ug/l #	78
11) Tert butyl alcohol	3.07	59	355	0.99	ug/l #	70
13) Acrolein	2.32	56	213	1.03	ug/l #	14
16) Acetone	2.45	43	4010	4.51	ug/l	96
18) Methyl Acetate	2.78	43	4595	2.19	ug/l	97
20) Methylene Chloride	2.87	84	1635	Below Cal	#	75
25) 2-Butanone	4.73	43	1551	1.29	ug/l #	76
30) Chloroform	5.23	83	872	0.29	ug/l #	80
31) Cyclohexane	5.67	56	2742	1.07	ug/l #	2
36) 1,1-Dichloropropene	5.67	75	8800	3.60	ug/l #	44
38) Carbon Tetrachloride	5.67	117	12740	4.97	ug/l #	18
44) Trichloroethene	7.22	130	5926	2.75	ug/l	94
59) 2-Hexanone	9.52	43	477	0.24	ug/l	78
68) m/p-Xylenes	10.37	106	1534	0.45	ug/l	96
69) o-Xylene	10.70	106	729	0.22	ug/l	86
76) 1,2,3-Trichloropropane	11.14	75	42007	23.56	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	42007	74.38	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.82	105	2037	0.37	ug/l	94
95) Naphthalene	13.84	128	65509	9.29	ug/l	99

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

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Instrument :

MSVOA_X

ClientSampleId :

EO-01-050218-B

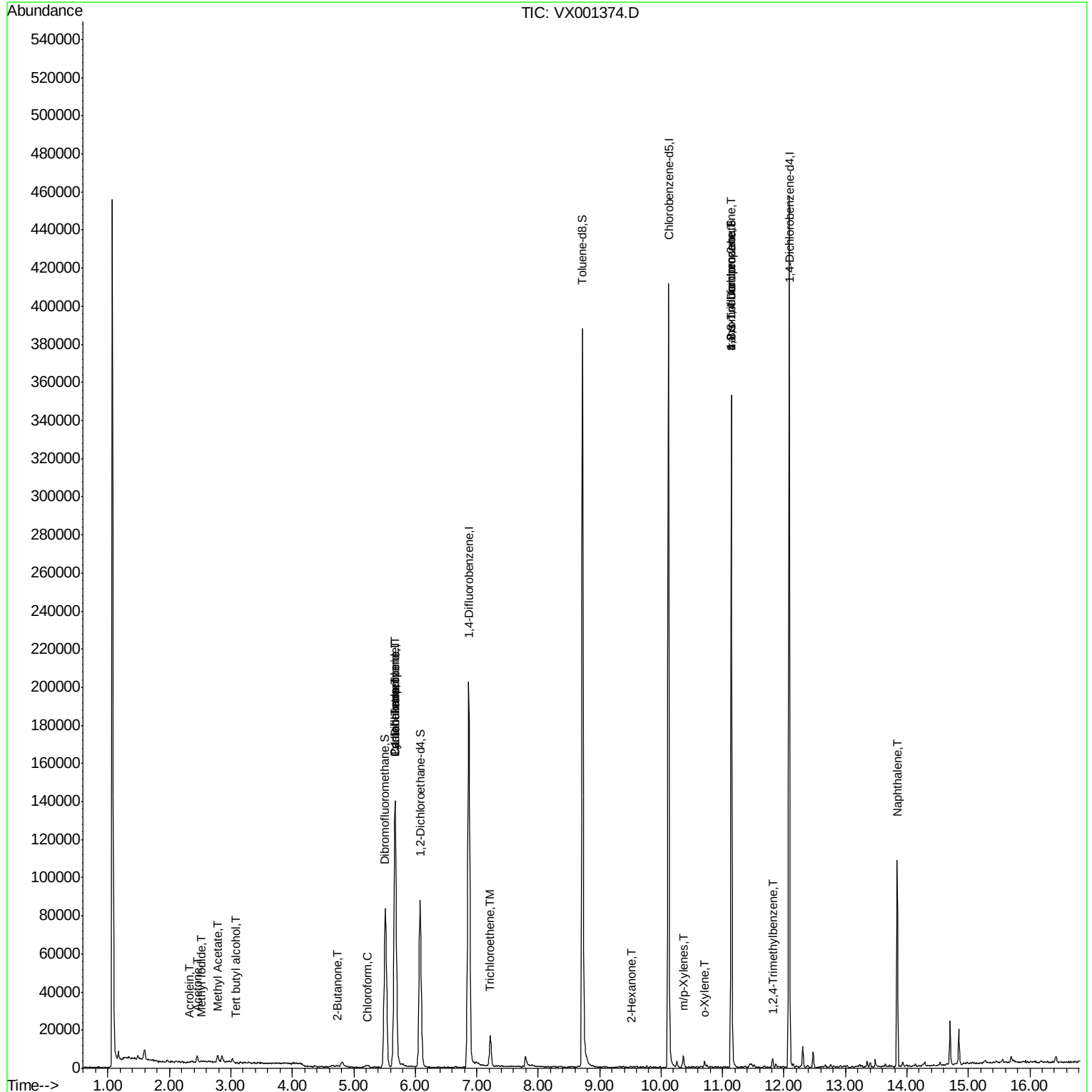
Quant Time: May 04 07:18:01 2018

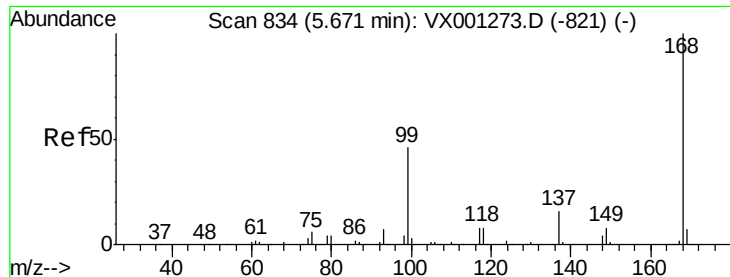
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

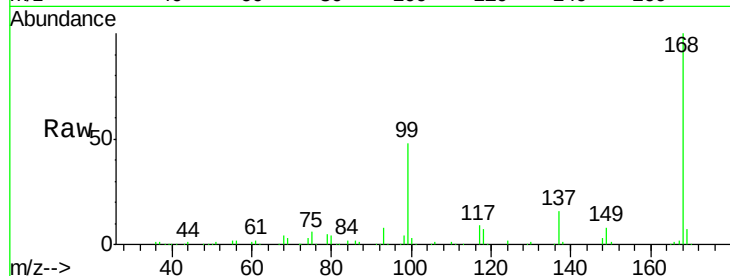
EO-01-050218-B

Tgt Ion: 168 Resp: 150591

Ion Ratio Lower Upper

168 100

99 48.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

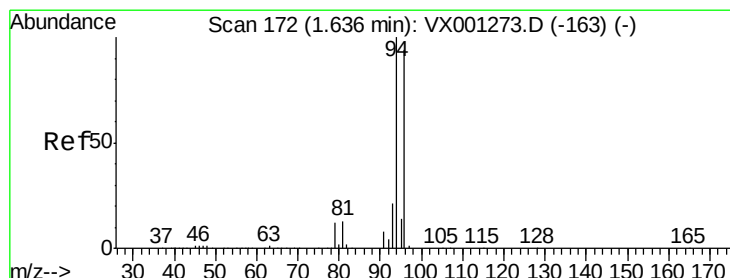
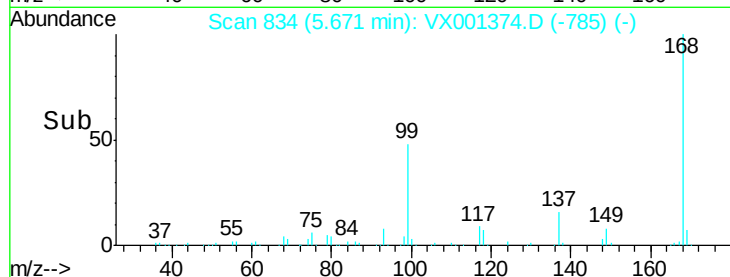
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001374.D

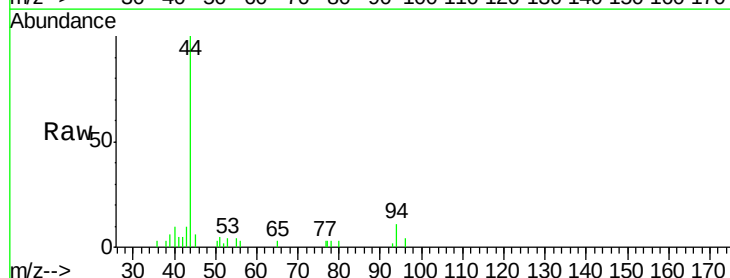
Acq: 03 May 2018 22:00

Tgt Ion: 94 Resp: 506

Ion Ratio Lower Upper

94 100

96 35.8 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

250

200

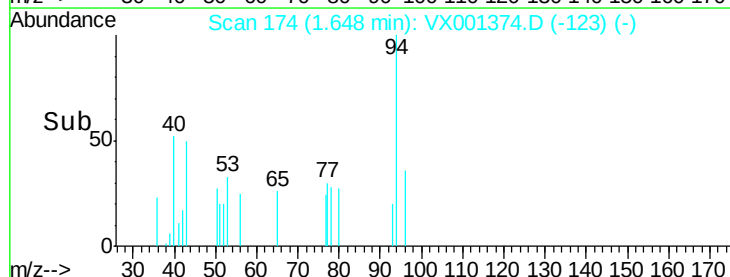
150

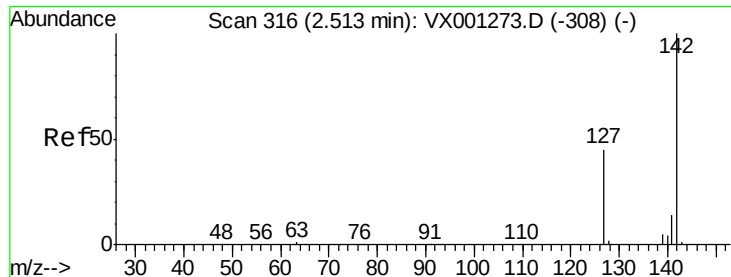
100

50

0

Time-->

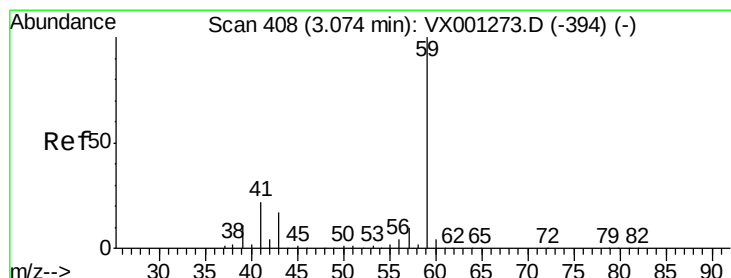
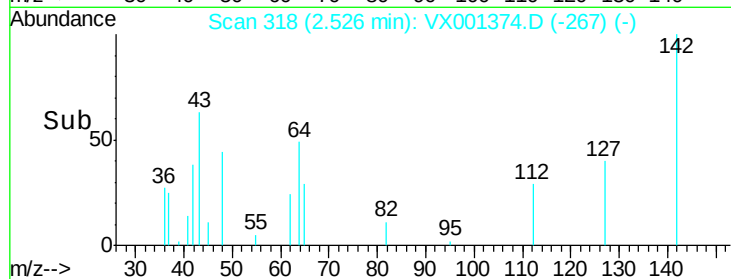
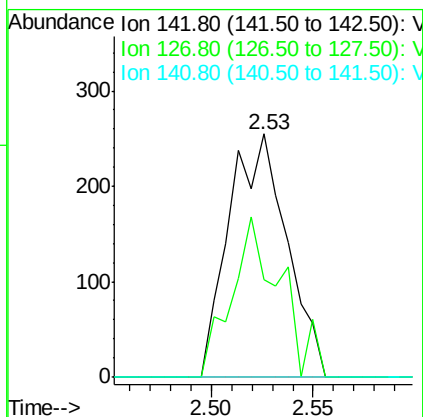
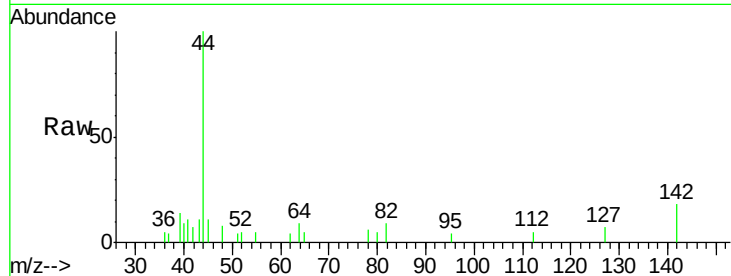




#10
Methyl Iodide
Concen: 4.58 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

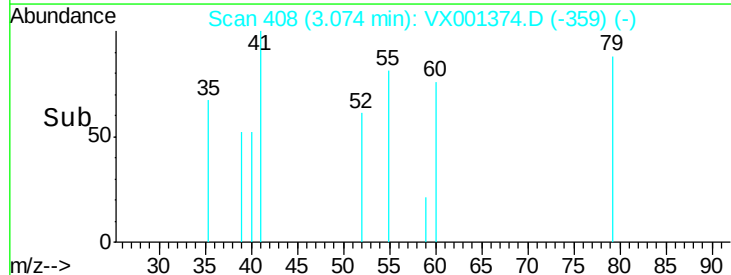
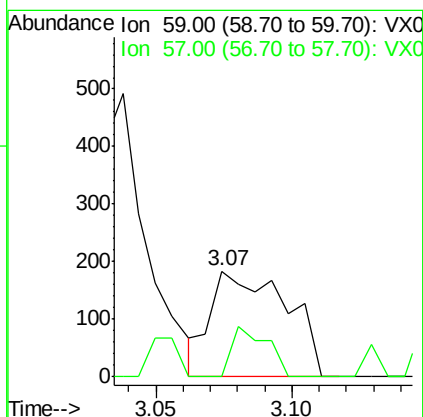
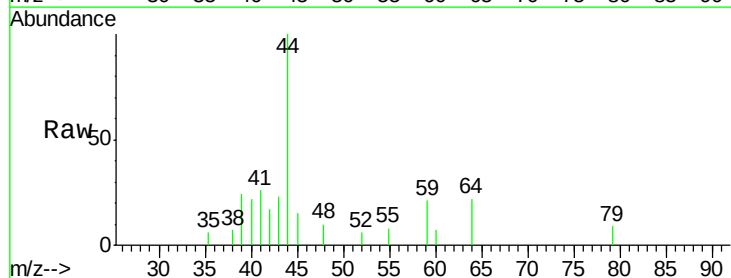
Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

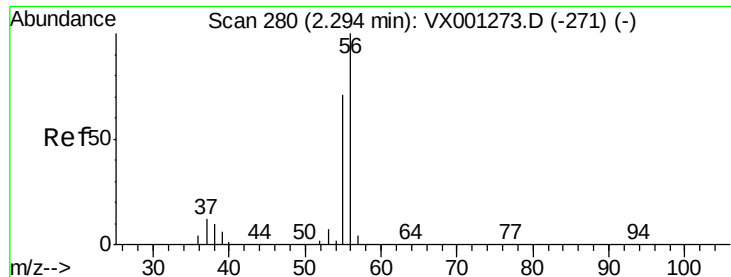
Tgt Ion: 142 Resp: 503
Ion Ratio Lower Upper
142 100
127 55.9 35.7 53.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.99 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 22.0 8.6 12.8#





#13

Acrolein

Concen: 1.03 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

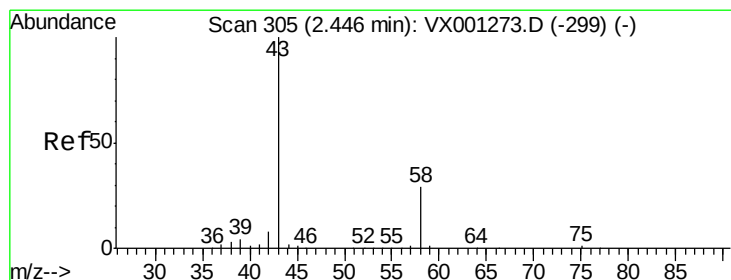
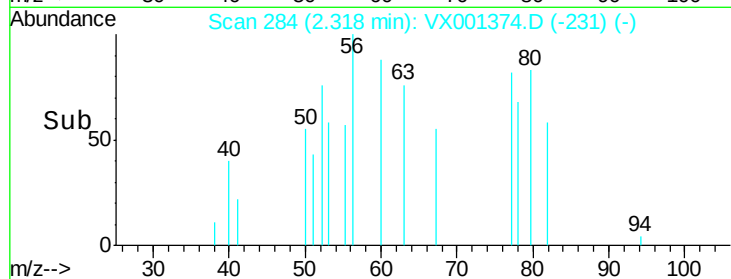
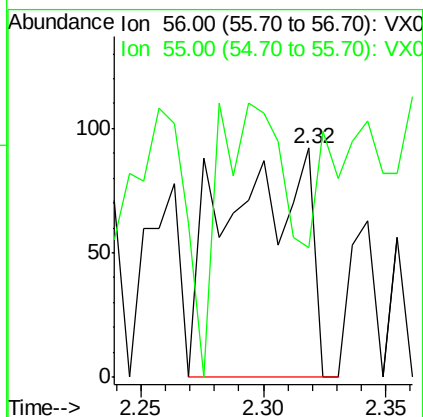
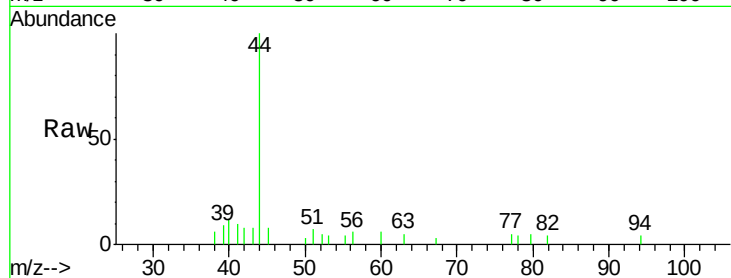
EO-01-050218-B

Tgt Ion: 56 Resp: 213

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#16

Acetone

Concen: 4.51 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001374.D

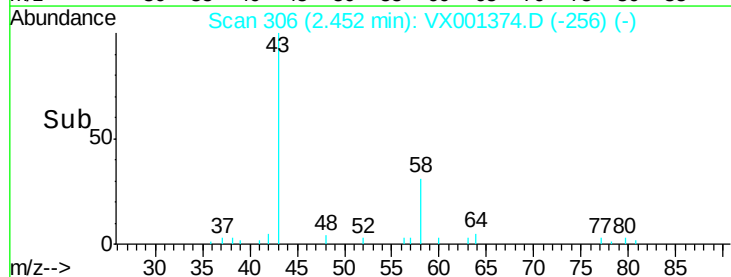
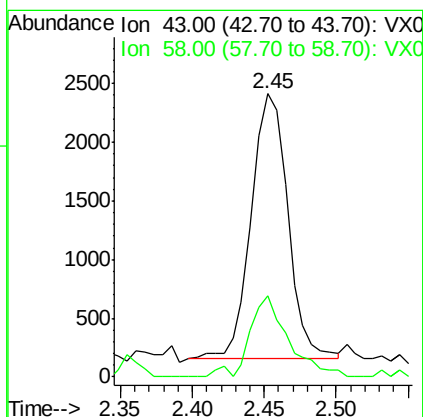
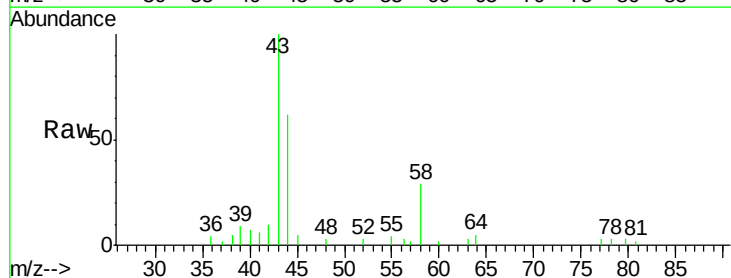
Acq: 03 May 2018 22:00

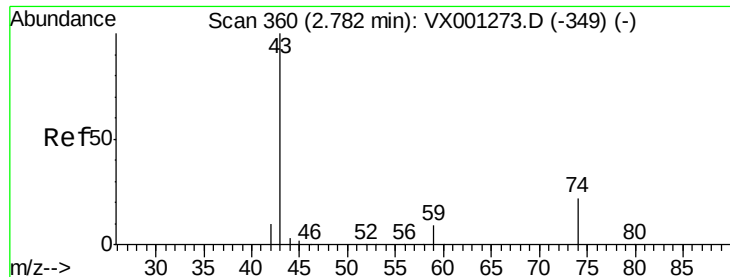
Tgt Ion: 43 Resp: 4010

Ion Ratio Lower Upper

43 100

58 30.5 22.8 34.2

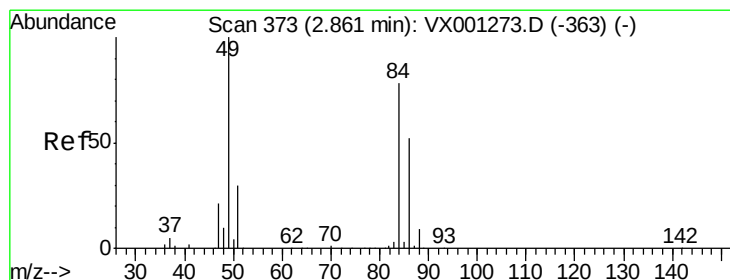
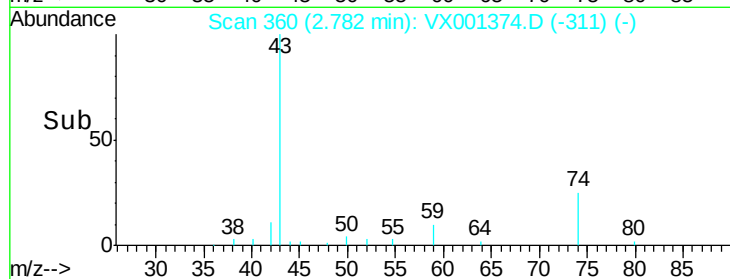
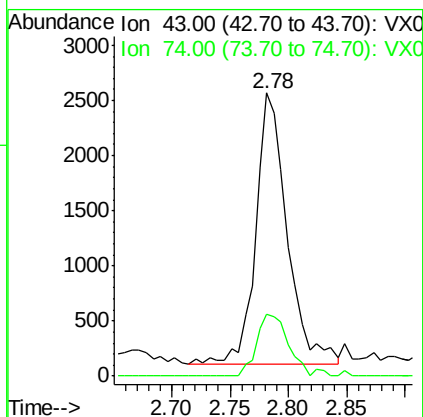
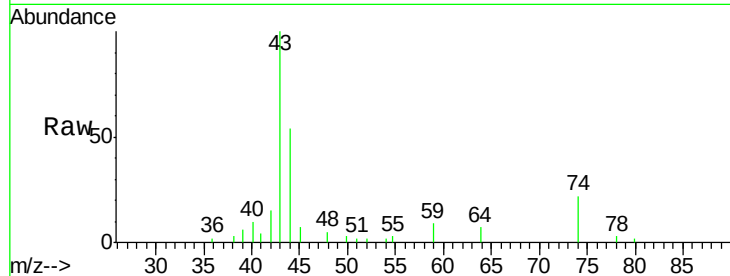




#18
Methyl Acetate
Concen: 2.19 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

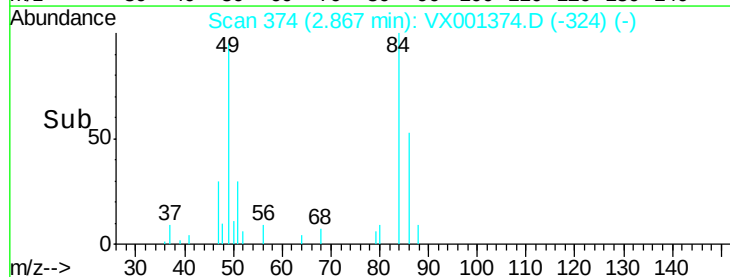
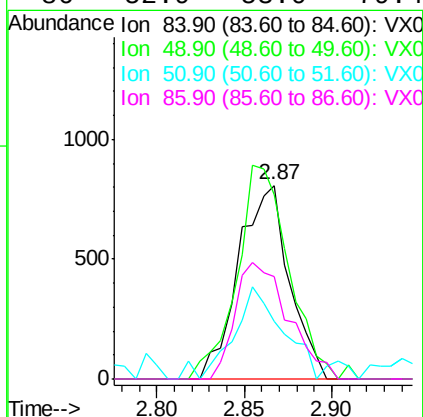
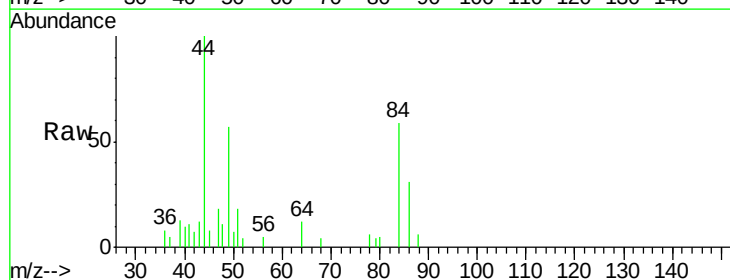
Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

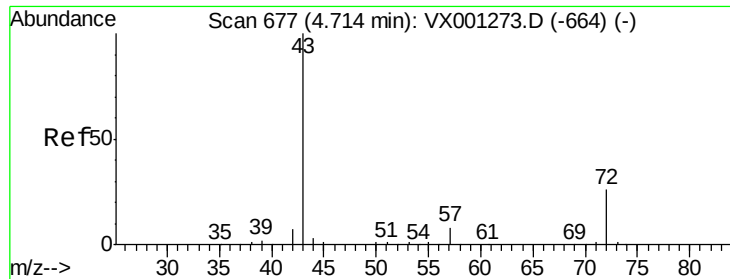
Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion: 84 Resp: 1635
Ion Ratio Lower Upper
84 100
49 95.3 102.8 154.2#
51 20.4 30.9 46.3#
86 52.9 53.0 79.4#





#25

2-Butanone

Concen: 1.29 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

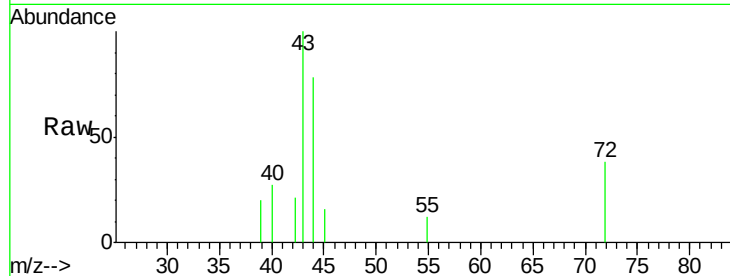
EO-01-050218-B

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

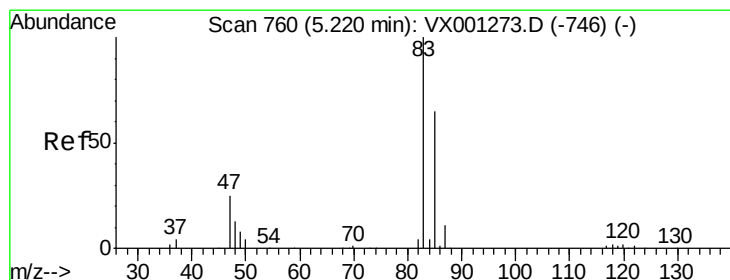
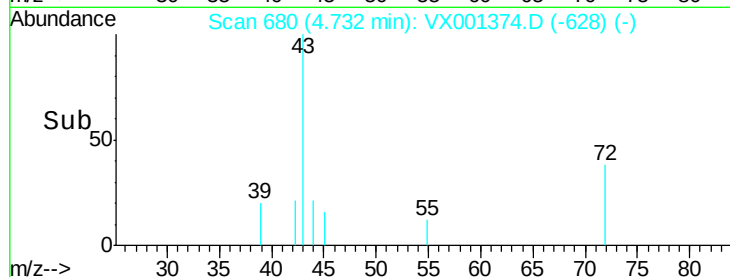
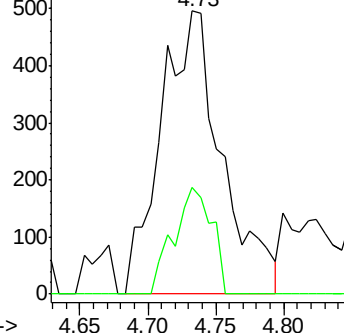
43 100

72 37.7 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.29 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001374.D

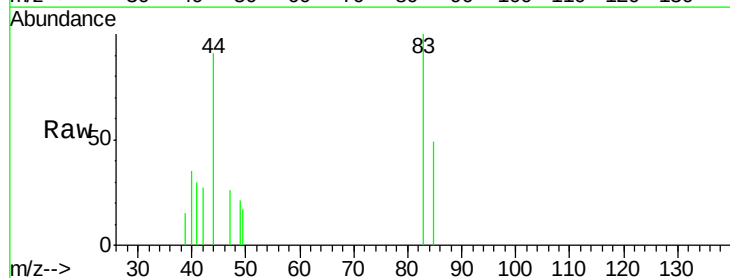
Acq: 03 May 2018 22:00

Tgt Ion: 83 Resp: 872

Ion Ratio Lower Upper

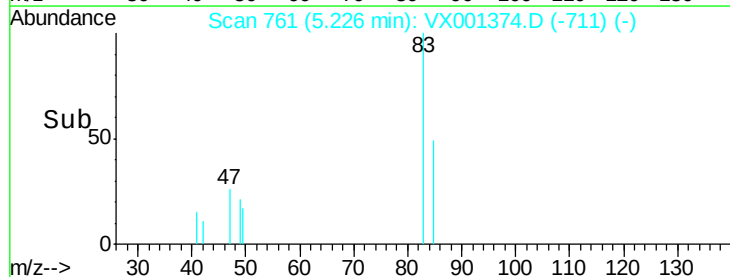
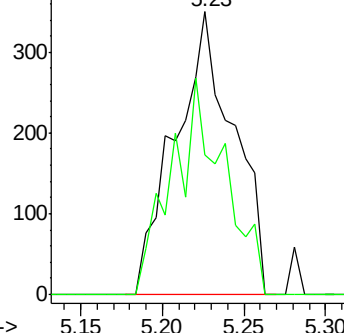
83 100

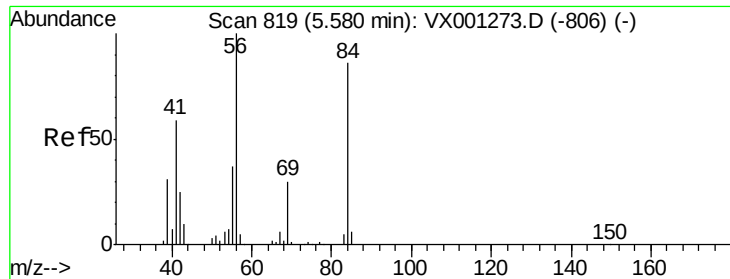
85 49.4 52.2 78.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

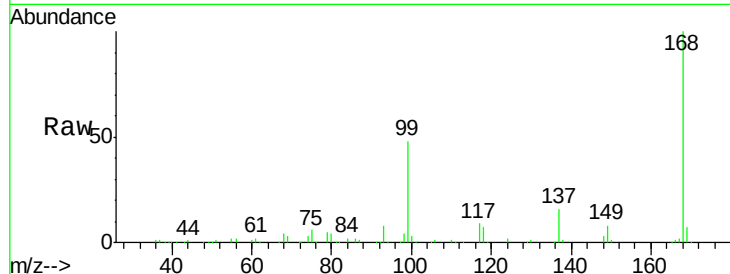




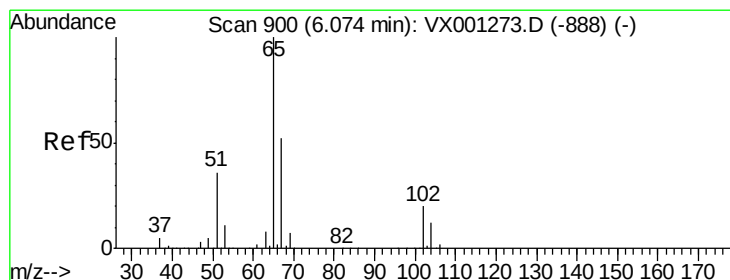
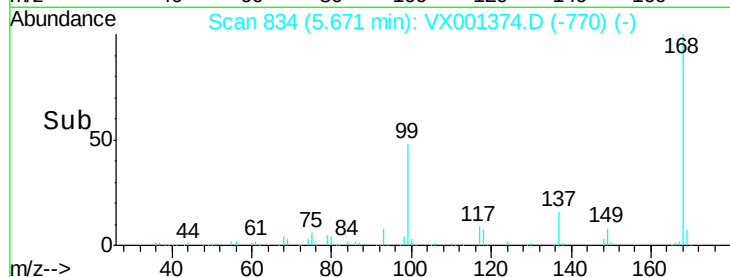
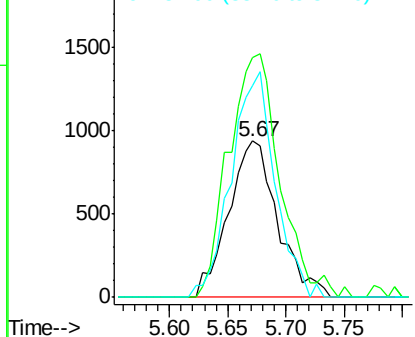
#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

Tgt Ion: 56 Resp: 2742
Ion Ratio Lower Upper
56 100
69 153.1 24.0 36.0#
84 135.1 69.0 103.4#

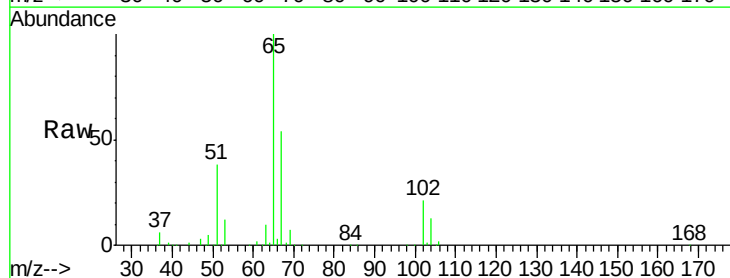


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

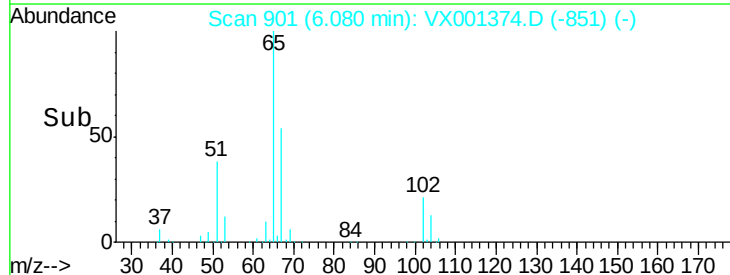
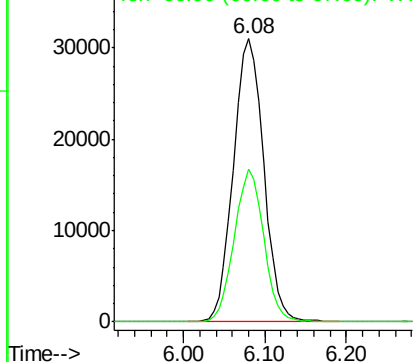


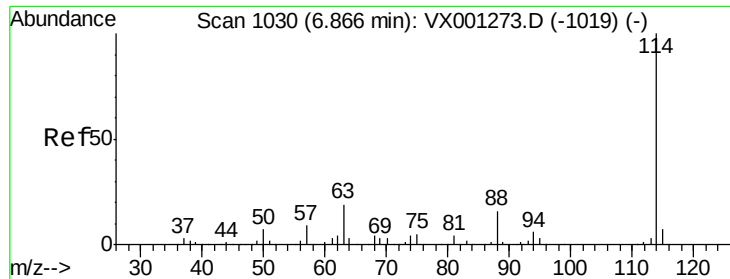
#33
1,2-Dichloroethane-d4
Concen: 38.27 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion: 65 Resp: 79778
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

EO-01-050218-B

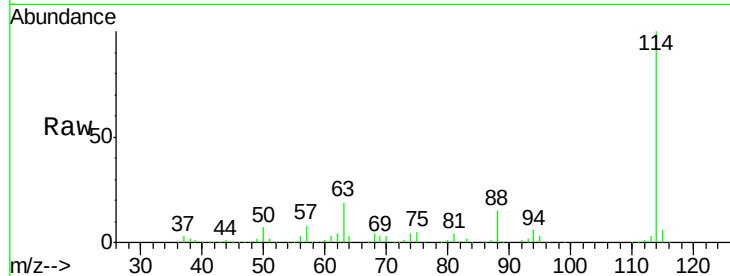
Tgt Ion:114 Resp: 212018

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

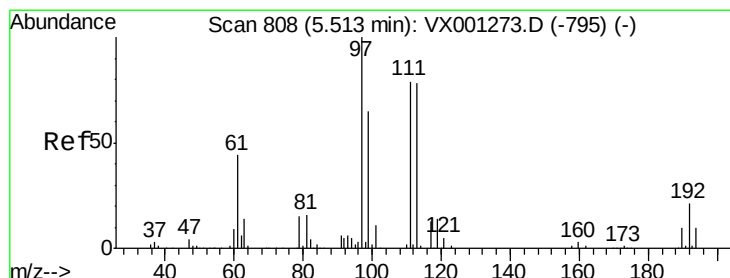
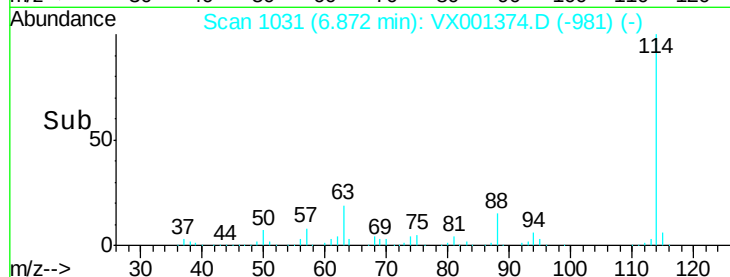
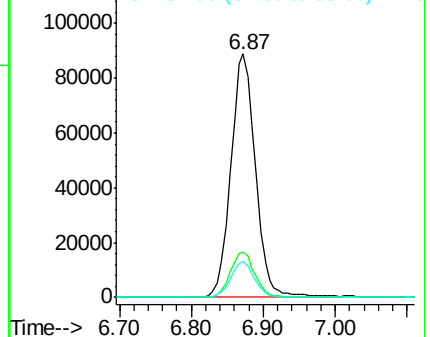
88 15.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 37.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

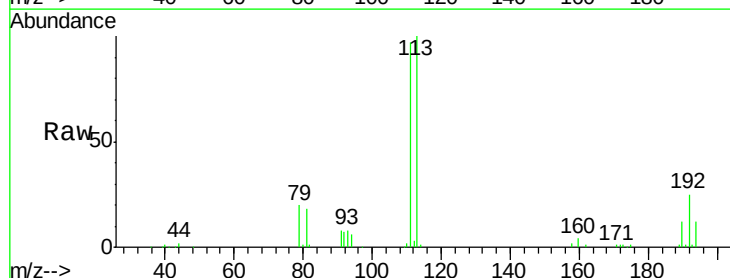
Tgt Ion:113 Resp: 67697

Ion Ratio Lower Upper

113 100

111 99.9 81.2 121.8

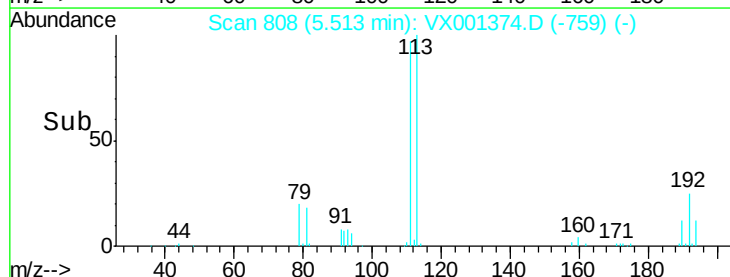
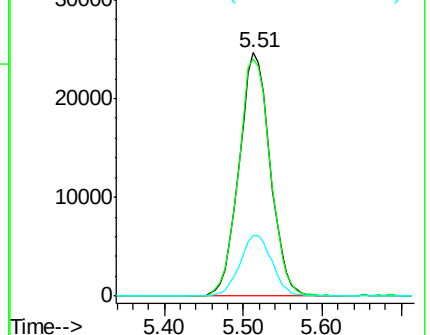
192 25.8 20.7 31.1

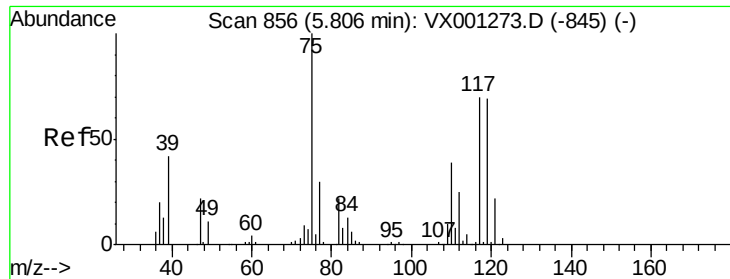


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

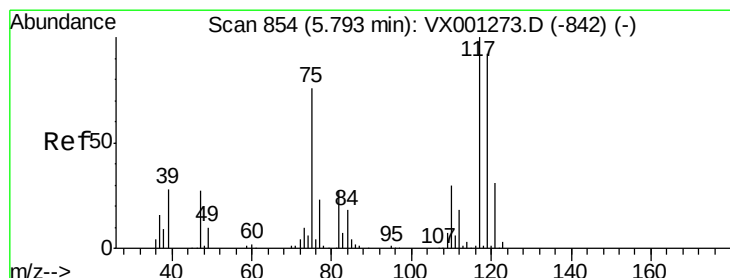
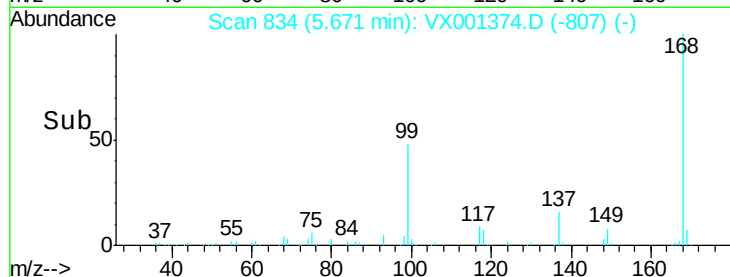
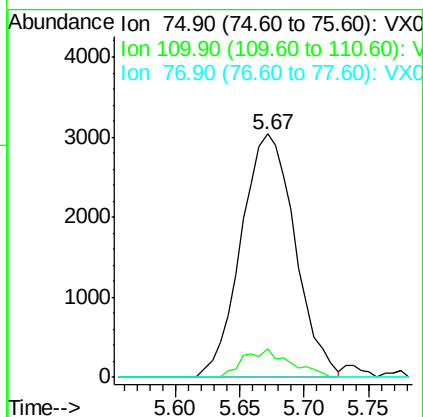
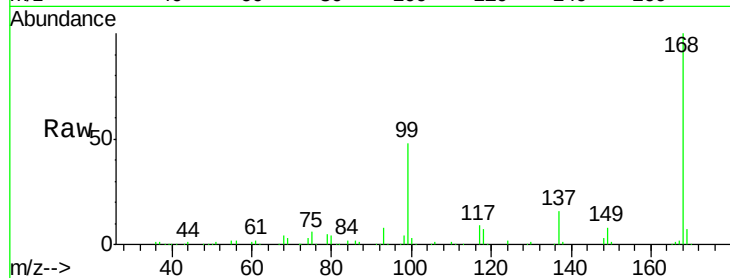




#36
 1,1-Dichloropropene
 Concen: 3.60 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

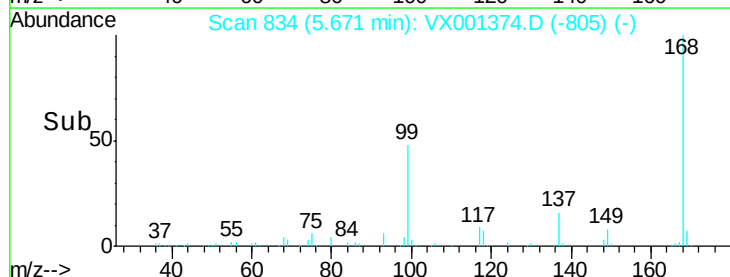
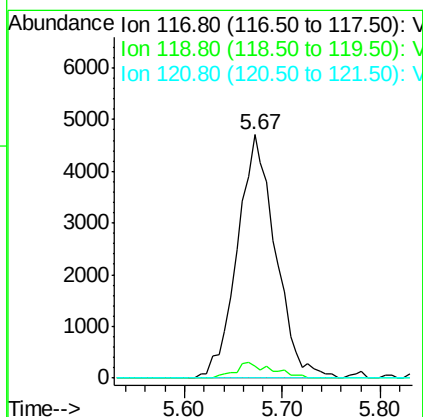
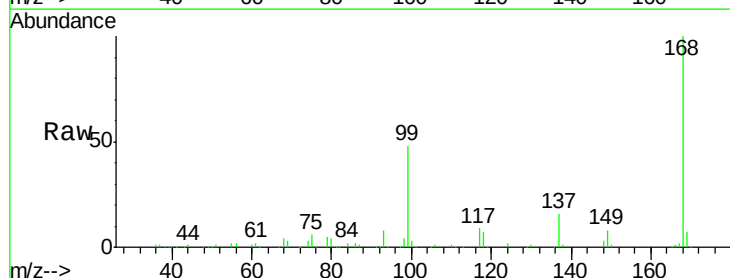
Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-050218-B

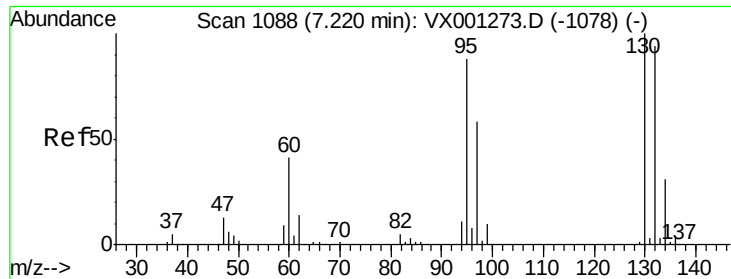
Tgt Ion: 75 Resp: 8800
 Ion Ratio Lower Upper
 75 100
 110 4.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 4.97 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

Tgt Ion: 117 Resp: 12740
 Ion Ratio Lower Upper
 117 100
 119 5.1 73.4 110.2#
 121 0.0 25.0 37.4#





#44

Trichloroethene

Concen: 2.75 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001374.D

Acq: 03 May 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

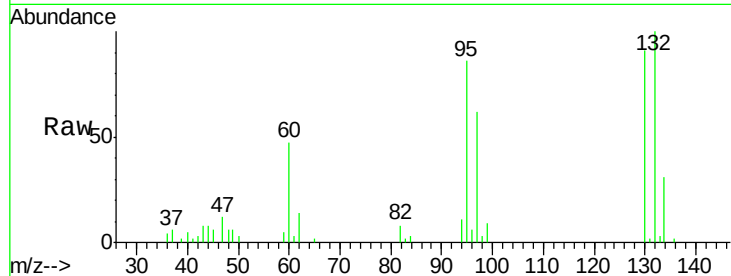
EO-01-050218-B

Tgt Ion:130 Resp: 5926

Ion Ratio Lower Upper

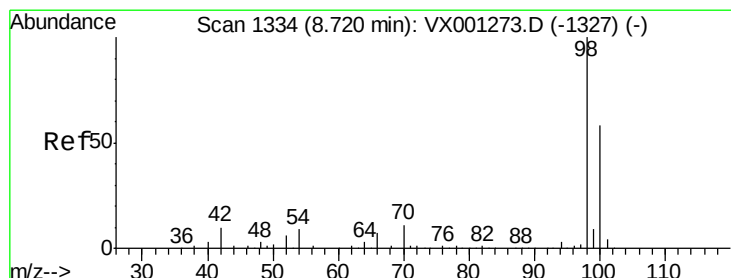
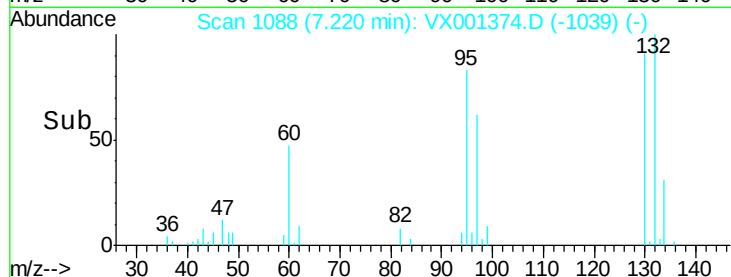
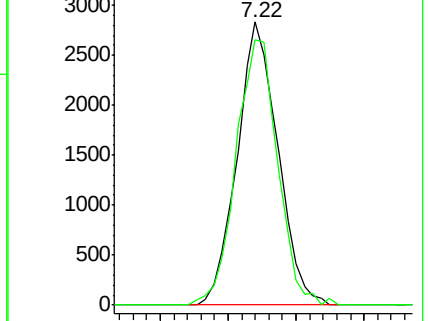
130 100

95 93.7 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 38.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001374.D

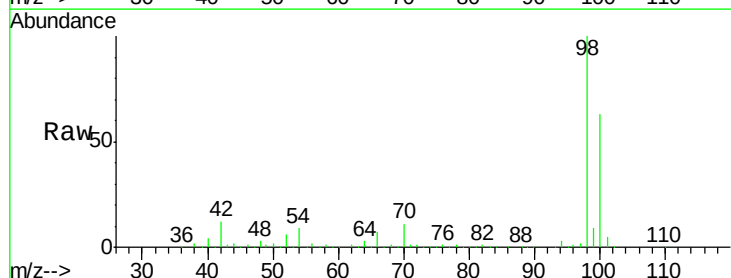
Acq: 03 May 2018 22:00

Tgt Ion: 98 Resp: 249431

Ion Ratio Lower Upper

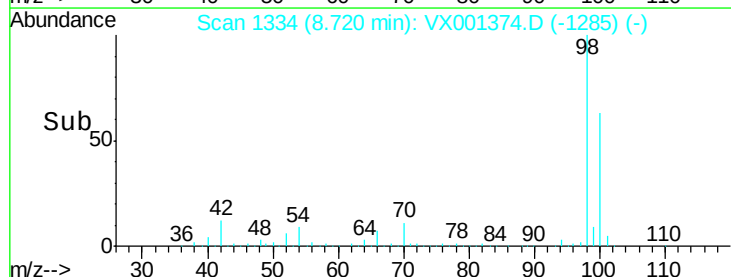
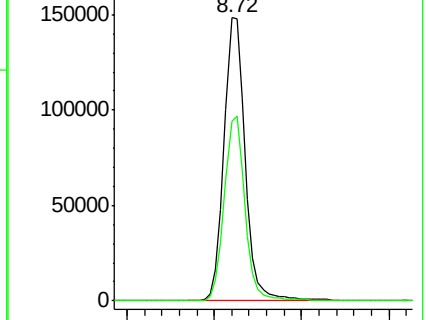
98 100

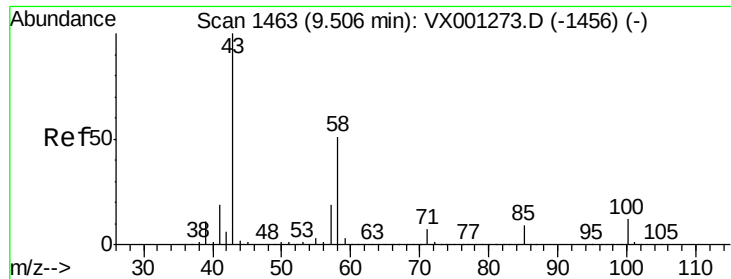
100 64.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

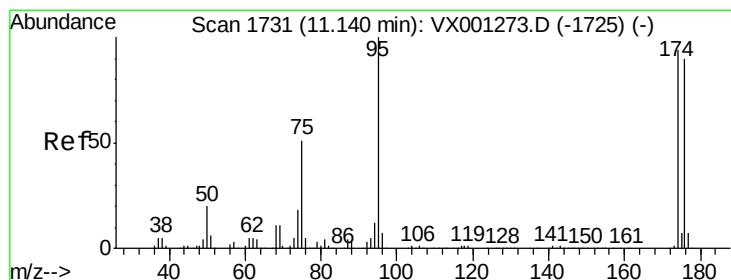
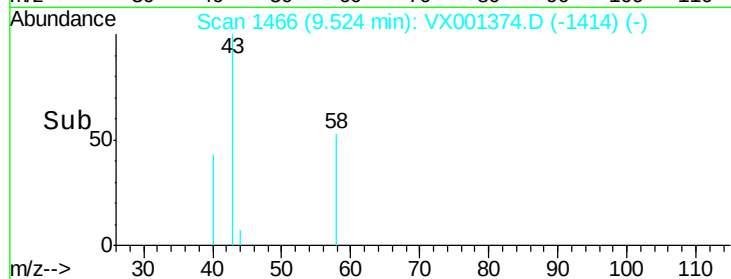
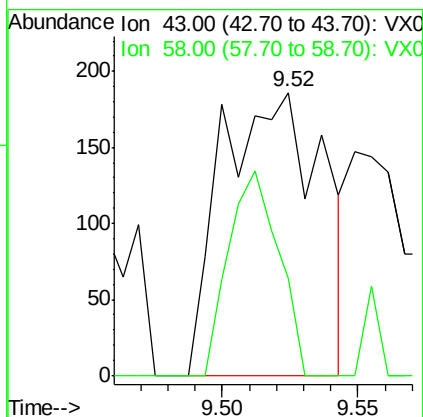
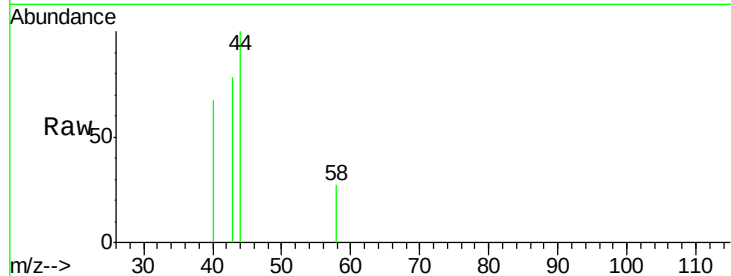




#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

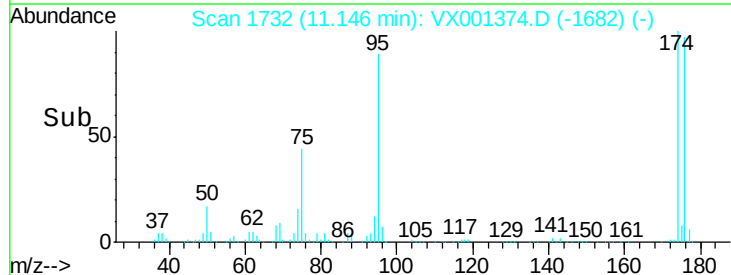
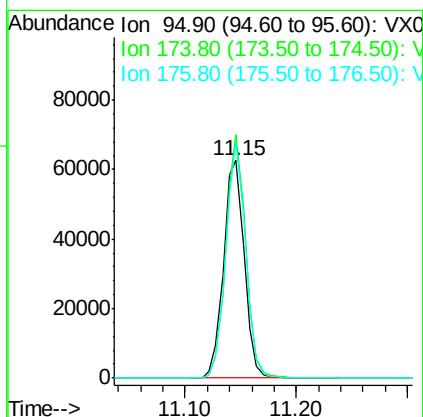
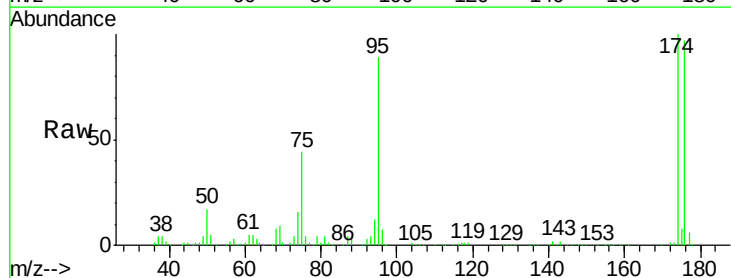
Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

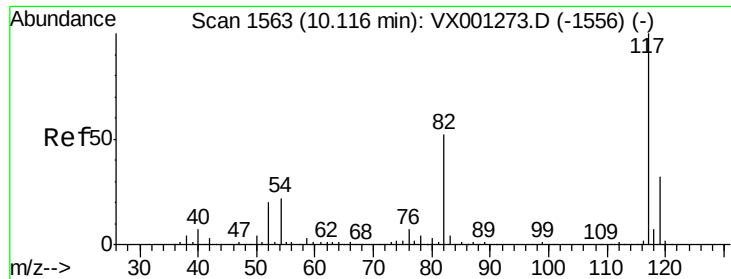
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 36.1 25.7 77.0



#62
4-Bromofluorobenzene
Concen: 30.93 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion: 95 Resp: 80709
Ion Ratio Lower Upper
95 100
174 106.8 0.0 201.8
176 103.4 0.0 197.2

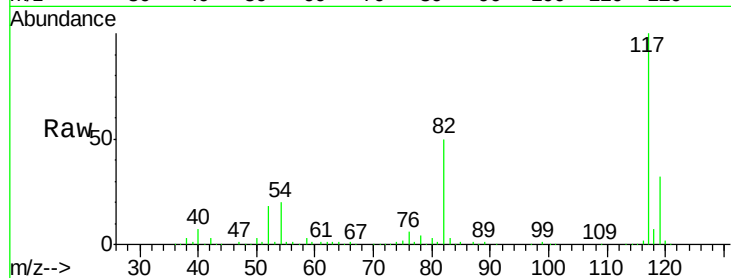




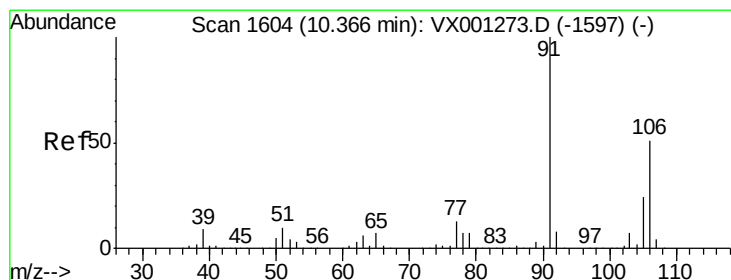
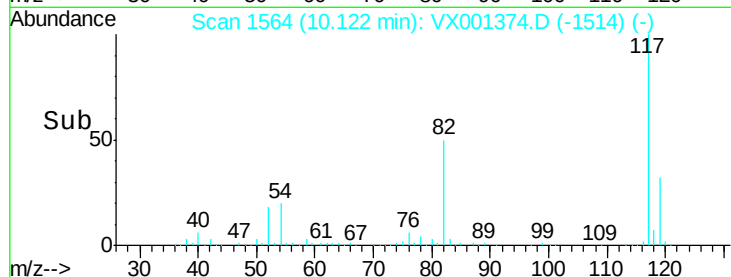
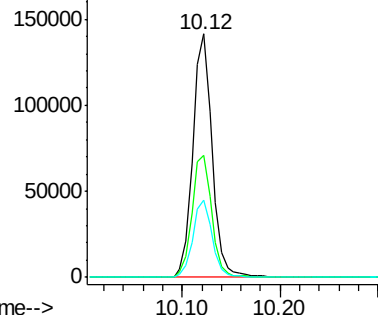
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

Tgt Ion:117 Resp: 193259
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.0
119 31.9 25.5 38.3

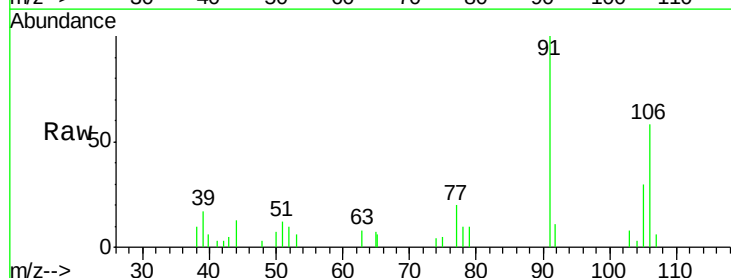


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

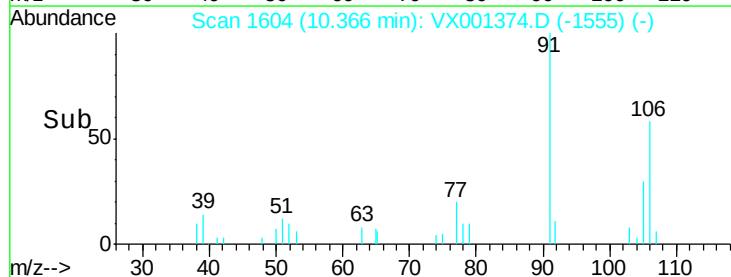
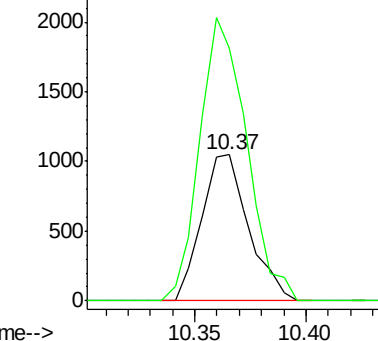


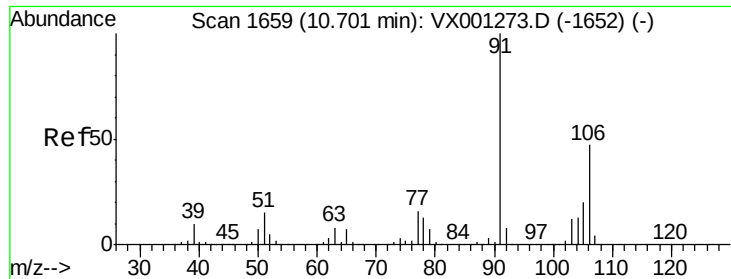
#68
m/p-Xylenes
Concen: 0.45 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion:106 Resp: 1534
Ion Ratio Lower Upper
106 100
91 193.7 159.4 239.2



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

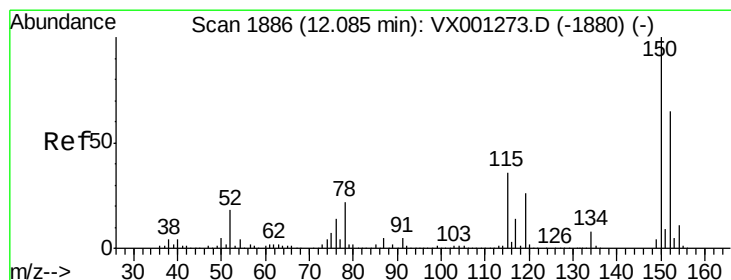
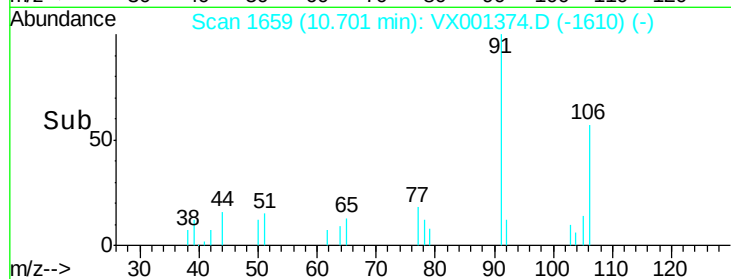
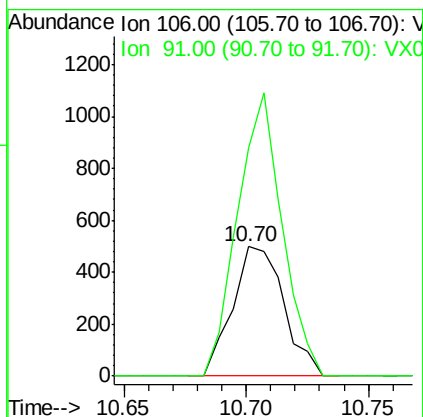
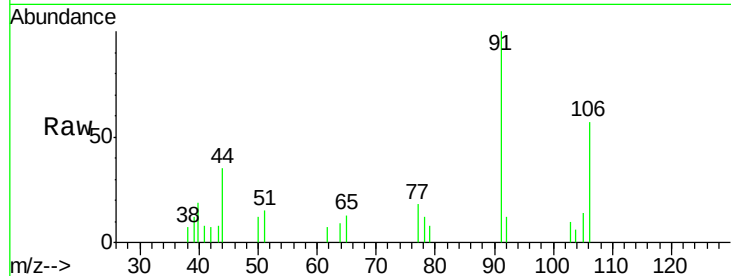




#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

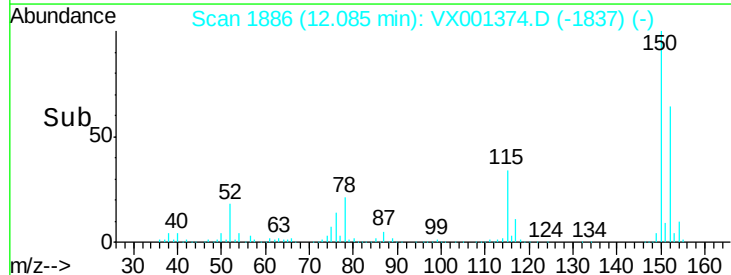
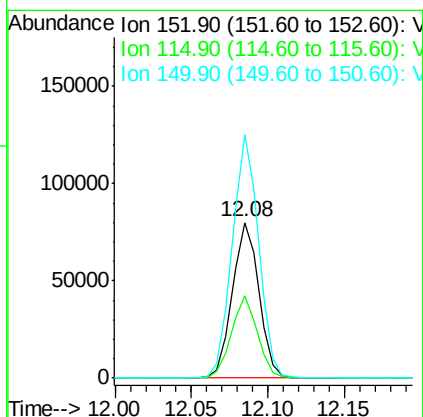
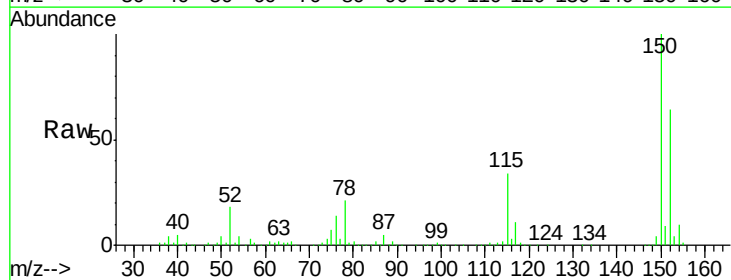
Instrument :
MSVOA_X
ClientSampleId :
EO-01-050218-B

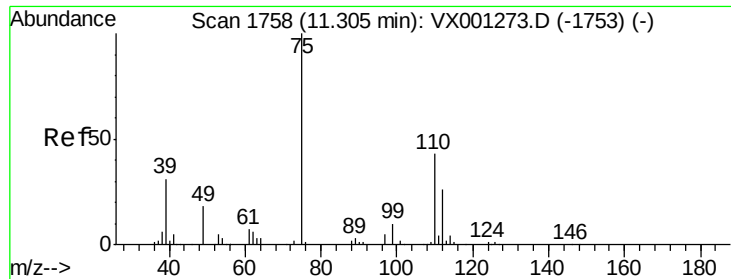
Tgt Ion:106 Resp: 729
Ion Ratio Lower Upper
106 100
91 190.1 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001374.D
Acq: 03 May 2018 22:00

Tgt Ion:152 Resp: 96406
Ion Ratio Lower Upper
152 100
115 51.6 38.6 115.7
150 155.3 0.0 349.2

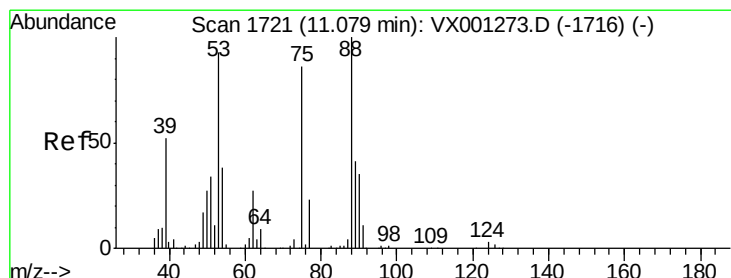
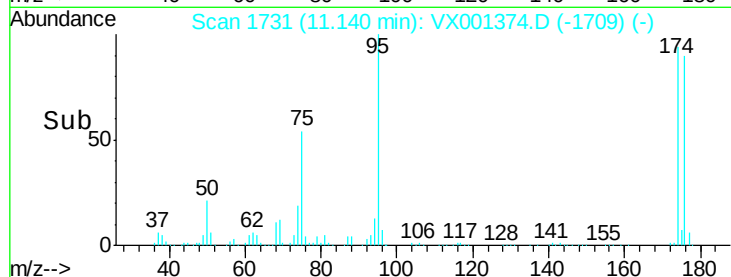
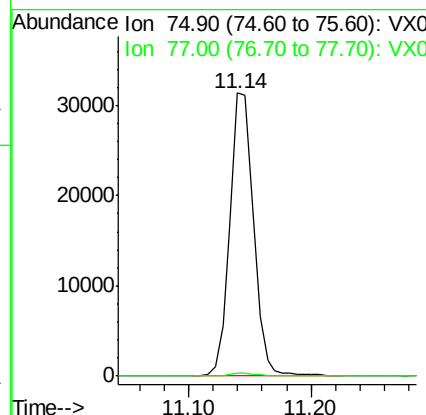
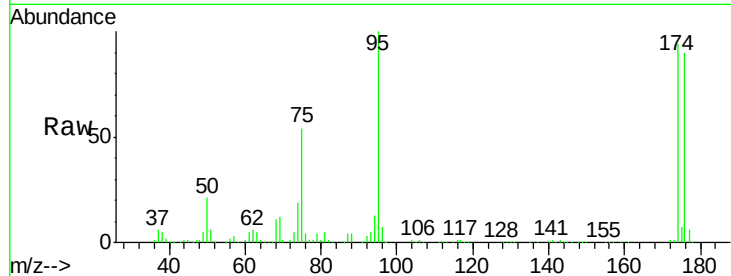




#76
 1,2,3-Trichloropropane
 Concen: 23.56 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

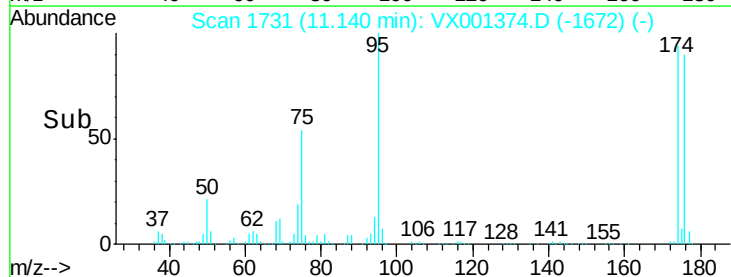
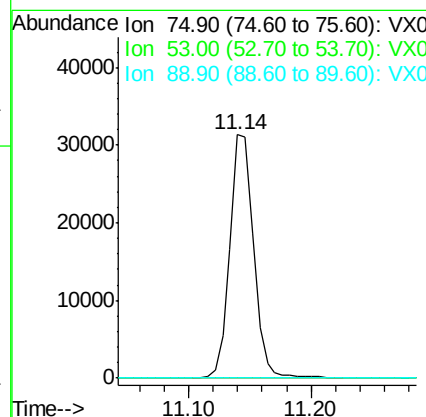
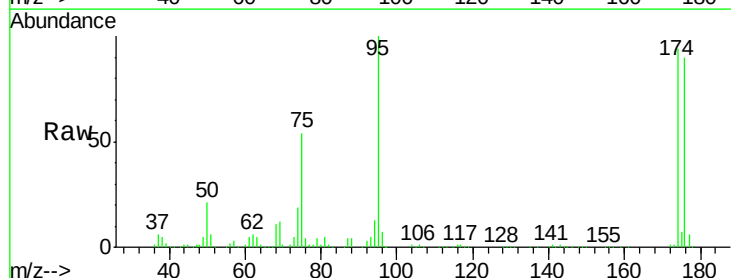
Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-050218-B

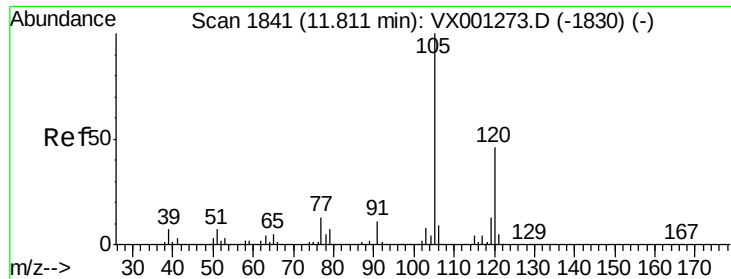
Tgt Ion: 75 Resp: 42007
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

Tgt Ion: 75 Resp: 42007
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.1 130.7#
 89 0.0 38.9 58.3#

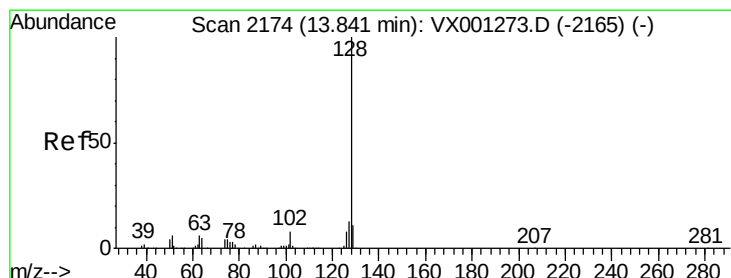
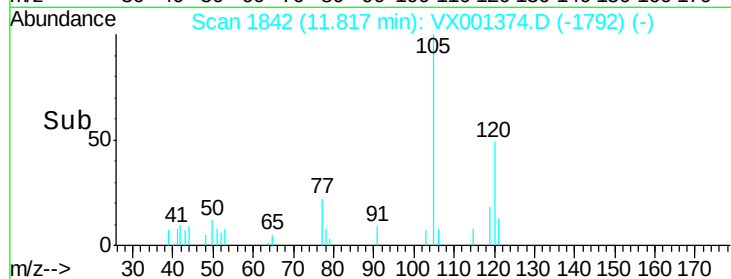
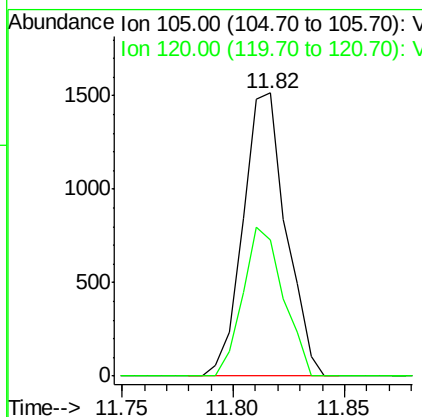
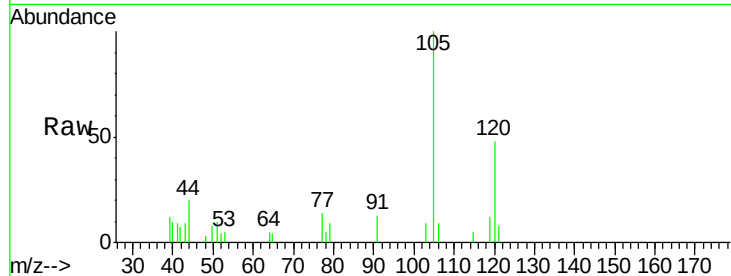




#84
 1,2,4-Trimethylbenzene
 Concen: 0.37 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-050218-B

Tgt Ion:105 Resp: 2037
 Ion Ratio Lower Upper
 105 100
 120 49.3 22.7 68.1



#95
 Naphthalene
 Concen: 9.29 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX001374.D
 Acq: 03 May 2018 22:00

Tgt Ion:128 Resp: 65509
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 10.4 8.7 13.1

