

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000477.D
 Acq On : 27 Mar 2018 23:18
 Operator : JC/MD
 Sample : J2083-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD-20180326

Quant Time: Mar 28 06:57:21 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	5.68	168	108916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81577	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	
35) Dibromofluoromethane	5.51	113	62743	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.73	98	246503	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	84181	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	

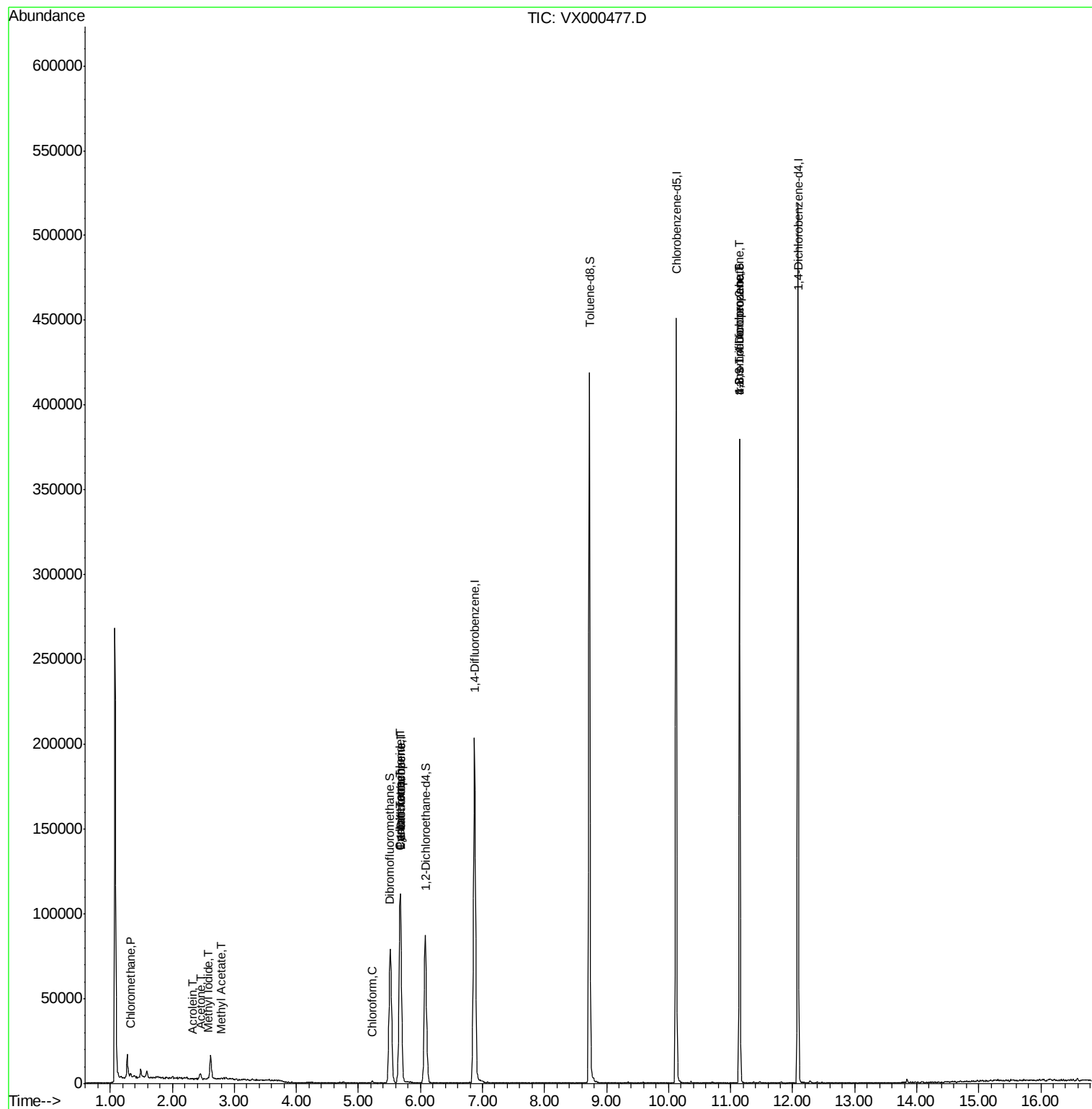
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	740	0.59	ug/l	# 78
6) Chloroethane	1.73	64	193	Below Cal		# 44
10) Methyl Iodide	2.58	142	23	4.29	ug/l	# 37
13) Acrolein	2.31	56	69	14.99	ug/l	# 1
14) Allyl chloride	2.71	41	48	Below Cal		# 13
16) Acetone	2.45	43	3404	2.88	ug/l	# 89
18) Methyl Acetate	2.78	43	563	0.23	ug/l	# 51
30) Chloroform	5.23	83	1070	0.49	ug/l	# 77
31) Cyclohexane	5.67	56	2759	1.54	ug/l	# 45
36) 1,1-Dichloropropene	5.67	75	8629	4.71	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	10766	5.60	ug/l	# 14
74) N-amyl acetate	6.51	43	26	Below Cal		# 59
76) 1,2,3-Trichloropropane	11.15	75	48619	23.14	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.15	75	48619	74.93	ug/l	# 9

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

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000477.D
Acq On : 27 Mar 2018 23:18
Operator : JC/MD
Sample : J2083-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD-20180326

Quant Time: Mar 28 06:57:21 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

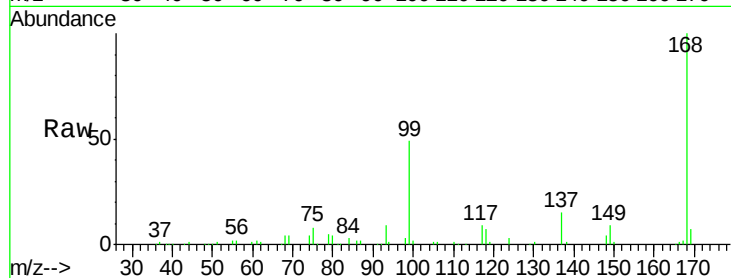
SY-3DD-20180326

Tgt Ion:168 Resp: 108916

Ion Ratio Lower Upper

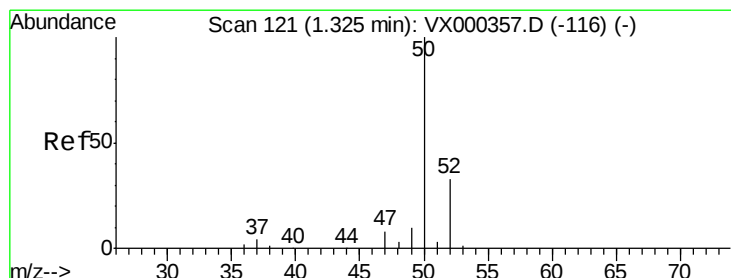
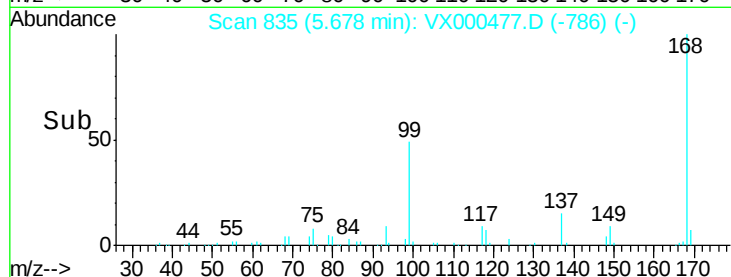
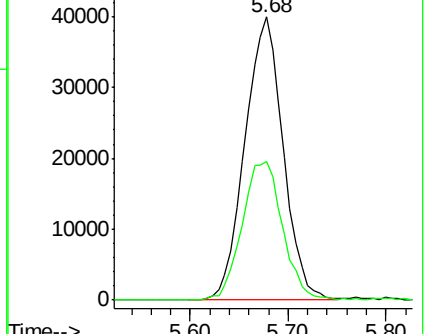
168 100

99 49.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000477.D

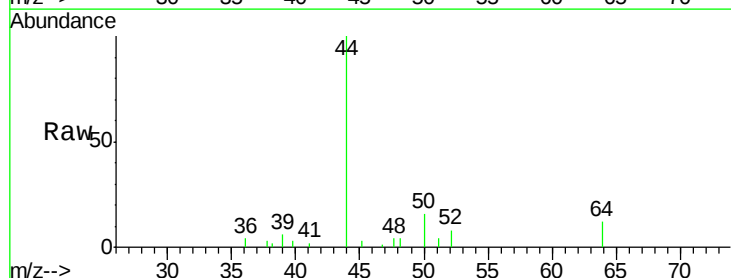
Acq: 27 Mar 2018 23:18

Tgt Ion: 50 Resp: 740

Ion Ratio Lower Upper

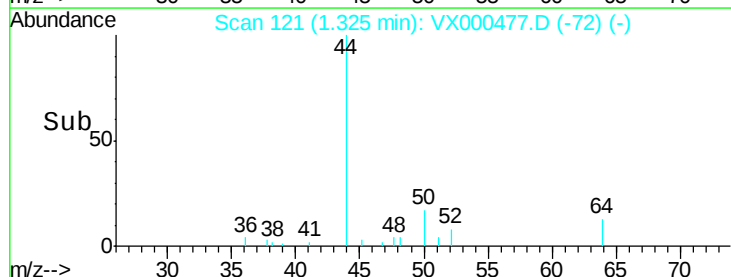
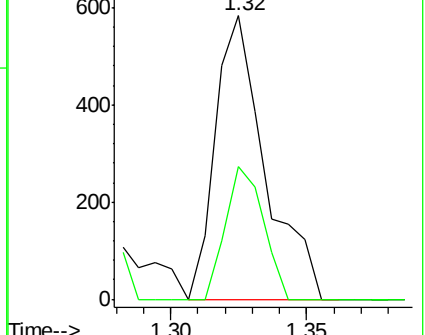
50 100

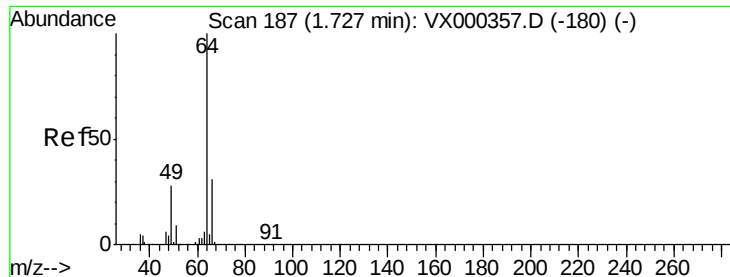
52 47.0 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

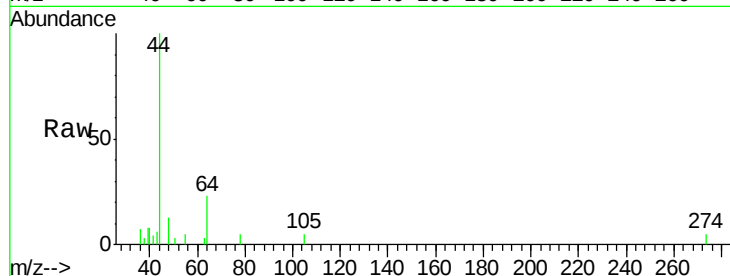
SY-3DD-20180326

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

400

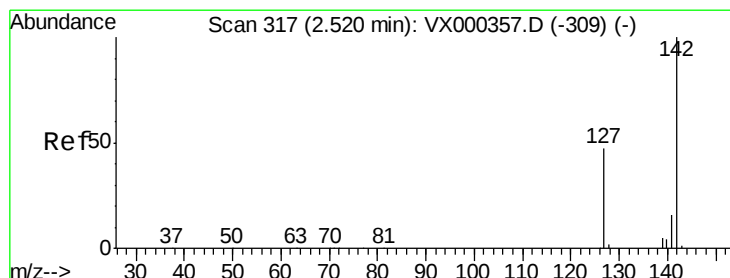
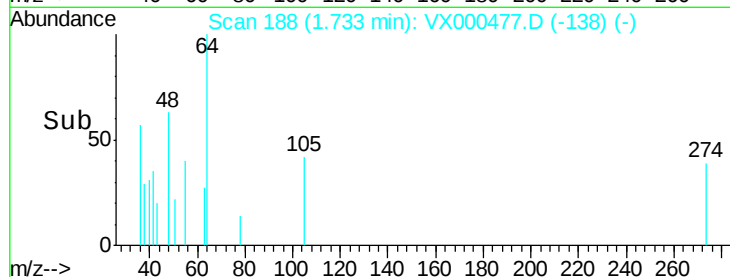
300

200

100

0

Time--> 1.71 1.72 1.73 1.74 1.75



#10

Methyl Iodide

Concen: 4.29 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.06 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

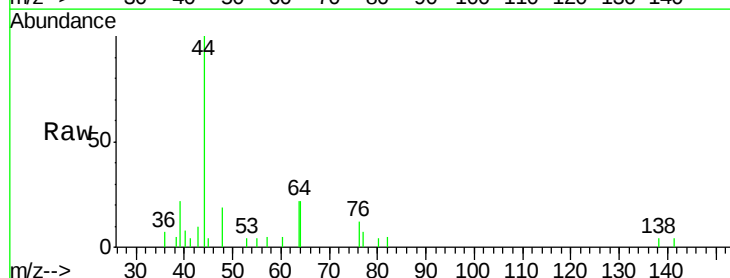
Tgt Ion: 142 Resp: 23

Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

141 0.0 11.7 17.5#



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

2.58

80

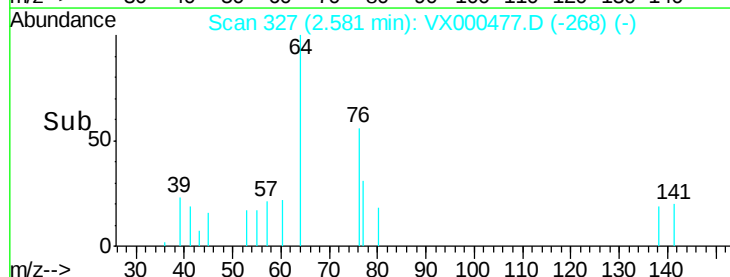
60

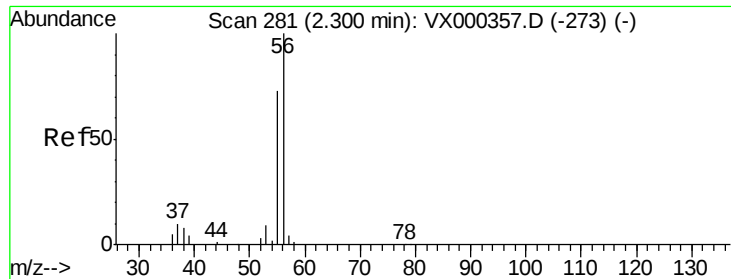
40

20

0

Time--> 2.56 2.57 2.58 2.59 2.60





#13

Acrolein

Concen: 14.99 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

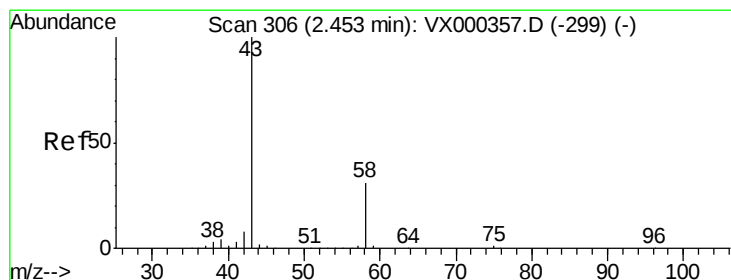
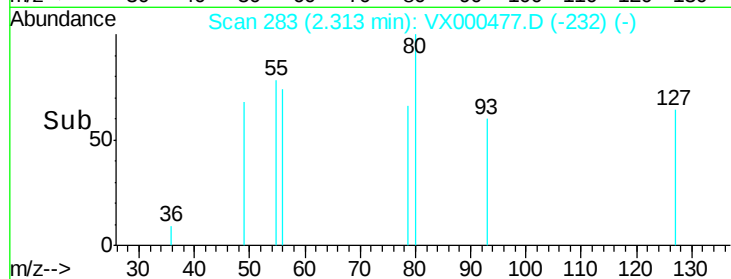
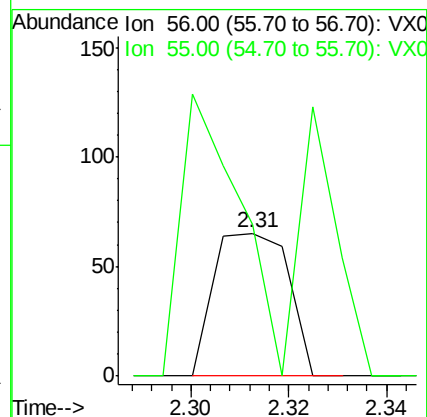
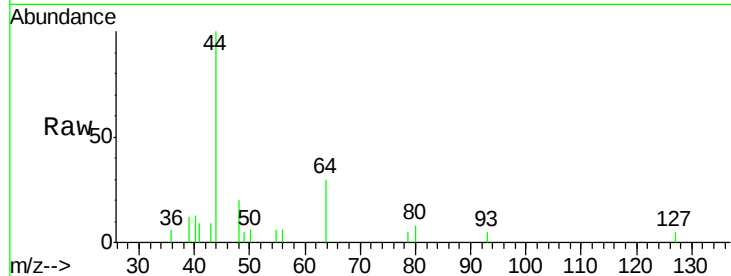
SY-3DD-20180326

Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 156.5 58.8 88.2#



#16

Acetone

Concen: 2.88 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000477.D

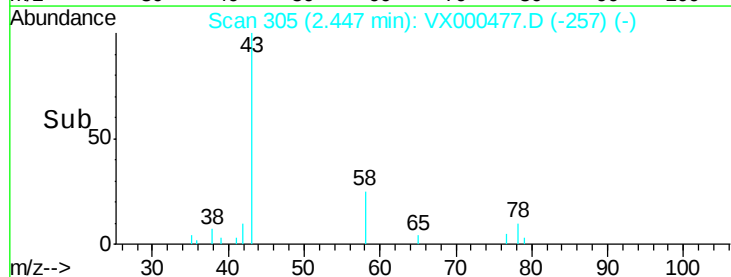
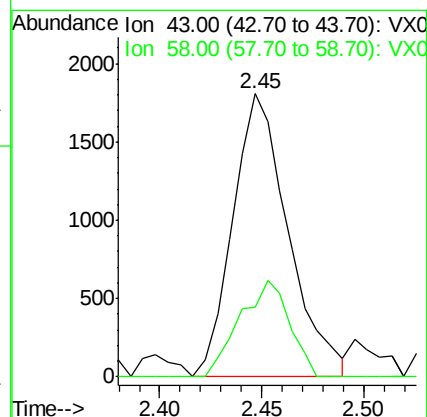
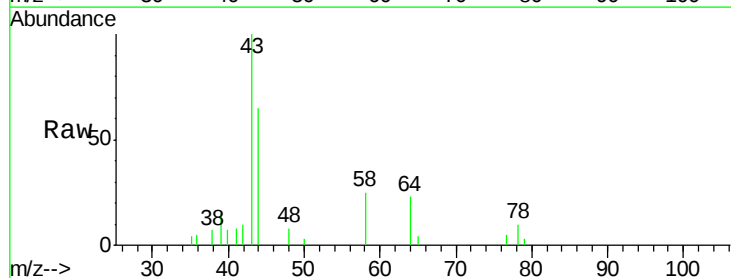
Acq: 27 Mar 2018 23:18

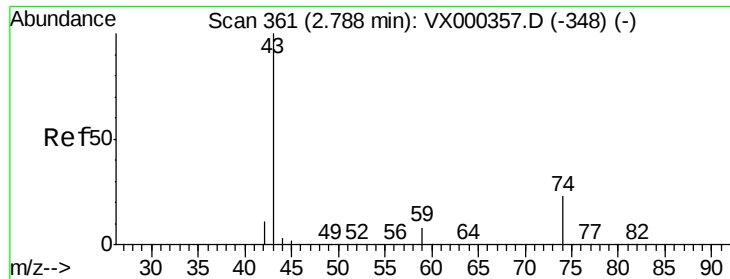
Tgt Ion: 43 Resp: 3404

Ion Ratio Lower Upper

43 100

58 24.7 24.7 37.1#

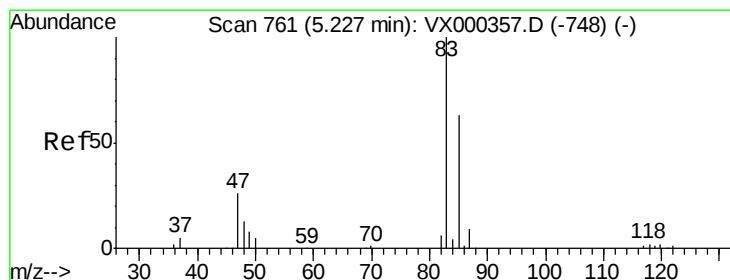
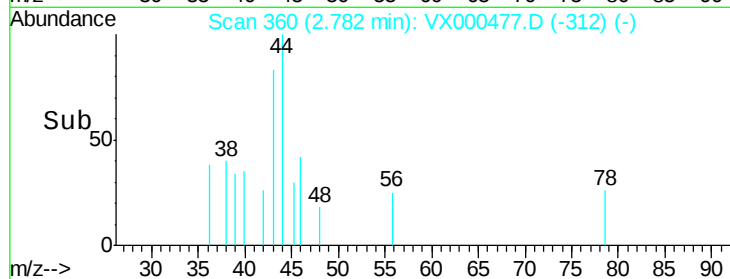
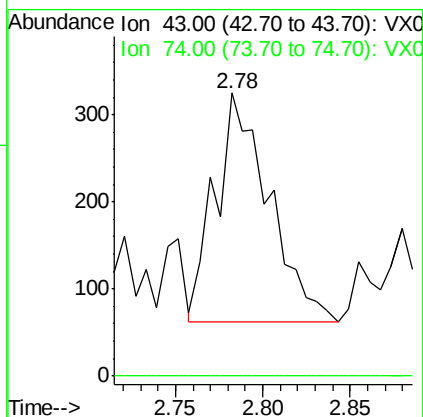
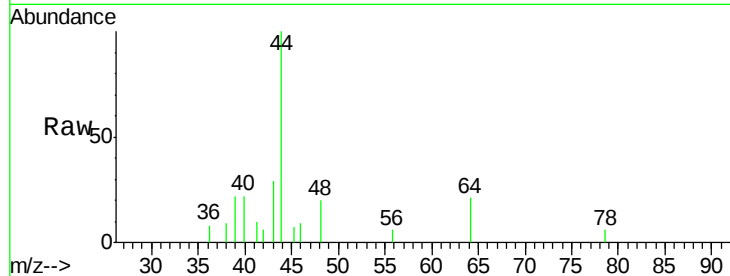




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

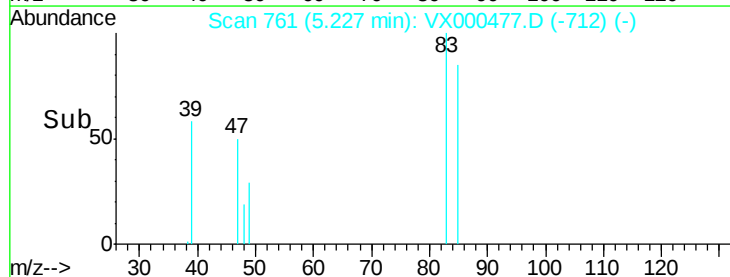
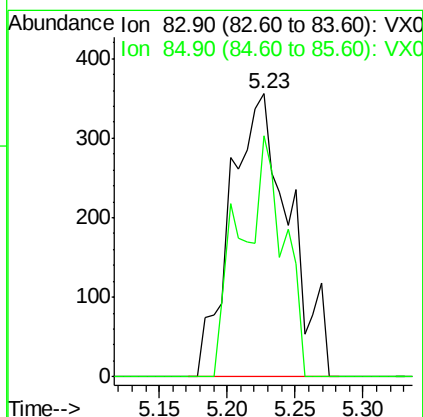
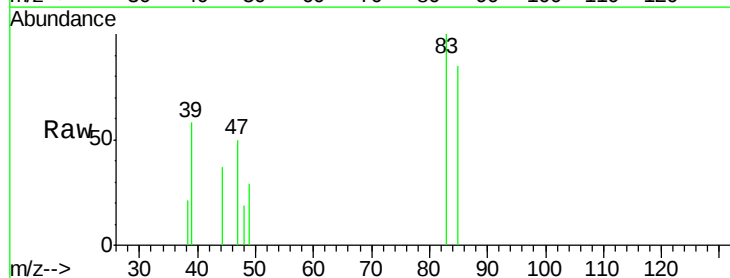
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD-20180326

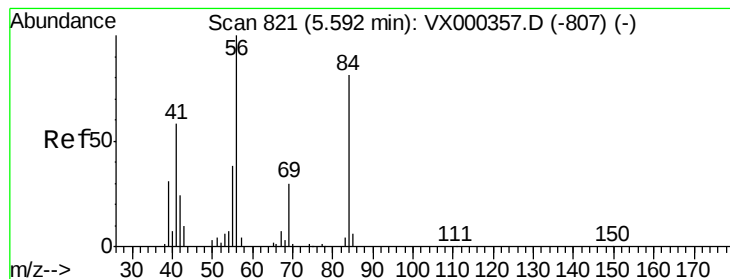
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#30
Chloroform
Concen: 0.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Tgt Ion: 83 Resp: 1070
Ion Ratio Lower Upper
83 100
85 85.1 53.3 79.9#





#31

Cyclohexane

Concen: 1.54 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.07 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD-20180326

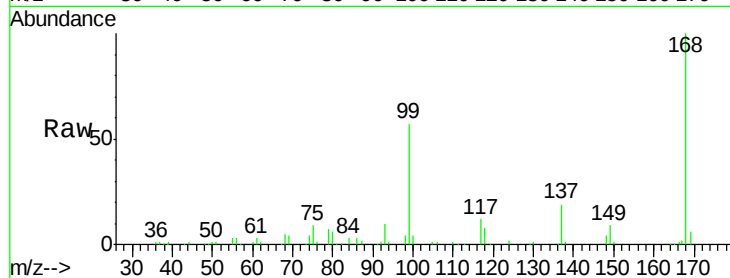
Tgt Ion: 56 Resp: 2759

Ion Ratio Lower Upper

56 100

69 124.4 23.4 35.0#

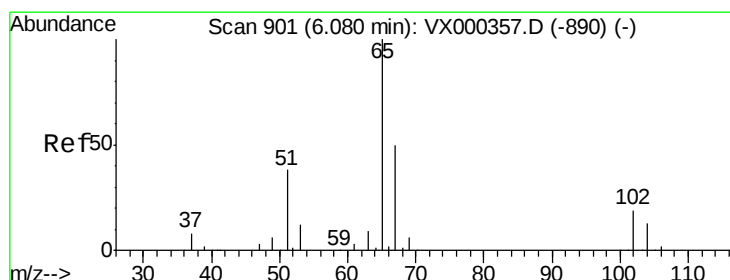
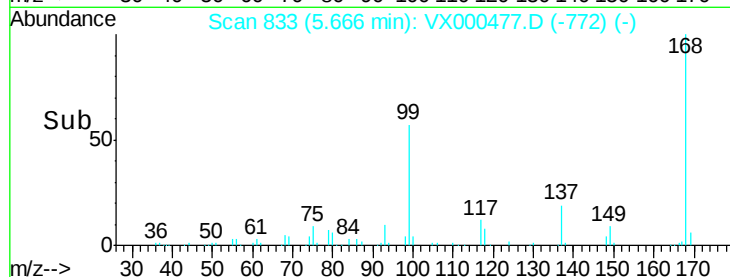
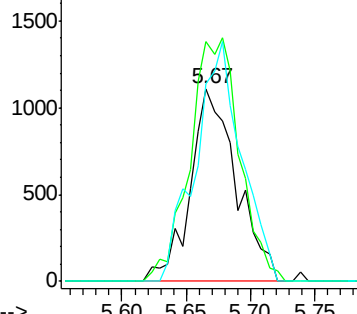
84 102.8 71.0 106.4



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: 57.38 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000477.D

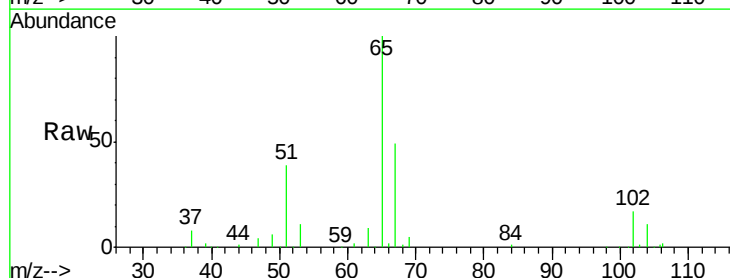
Acq: 27 Mar 2018 23:18

Tgt Ion: 65 Resp: 81577

Ion Ratio Lower Upper

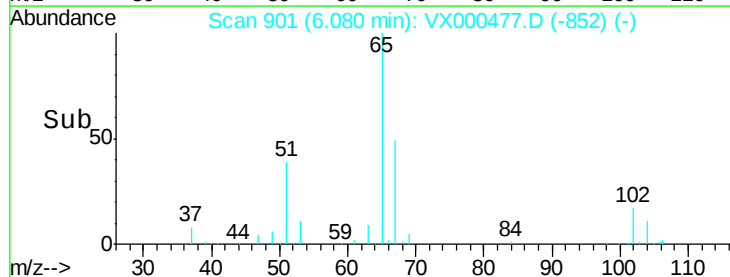
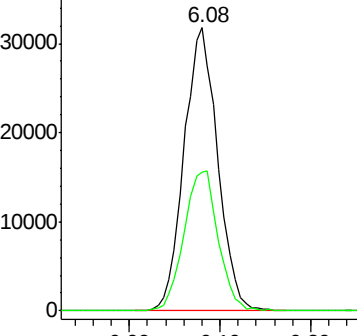
65 100

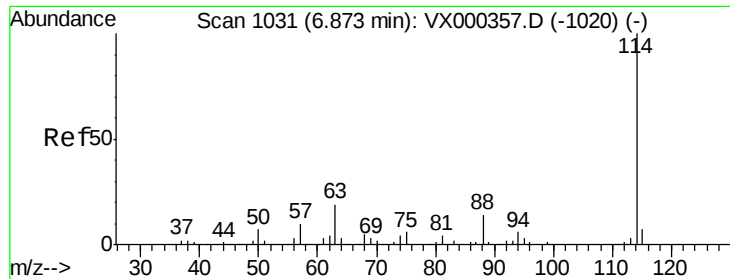
67 50.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

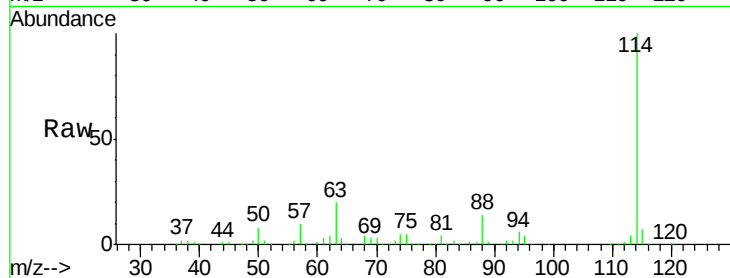




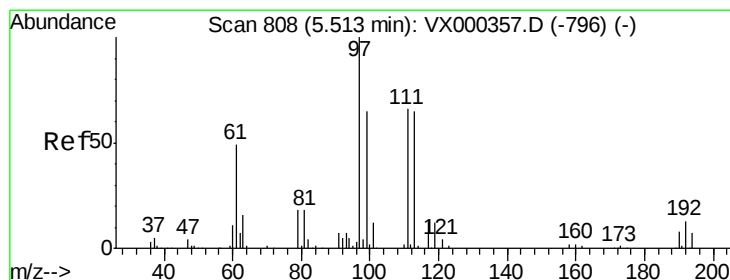
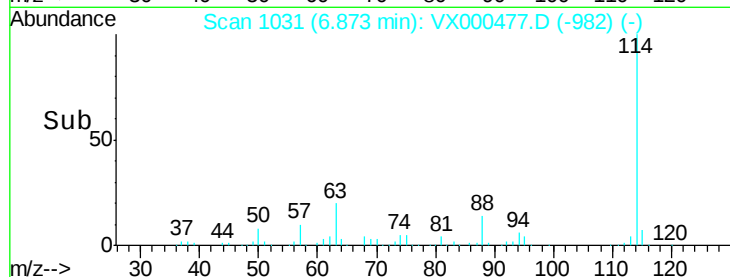
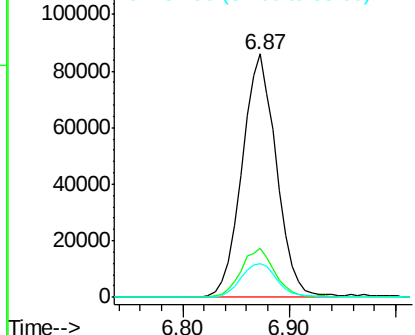
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000477.D
 Acq: 27 Mar 2018 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD-20180326

Tgt Ion:114 Resp: 195587
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 13.8 0.0 27.0

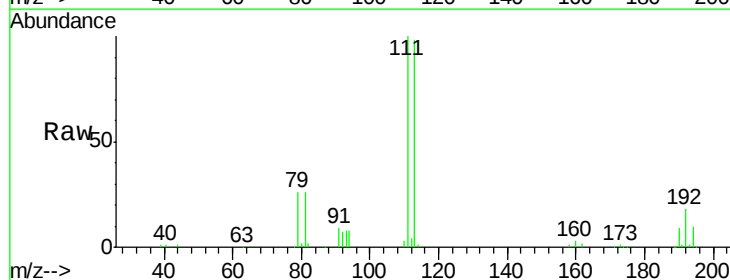


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

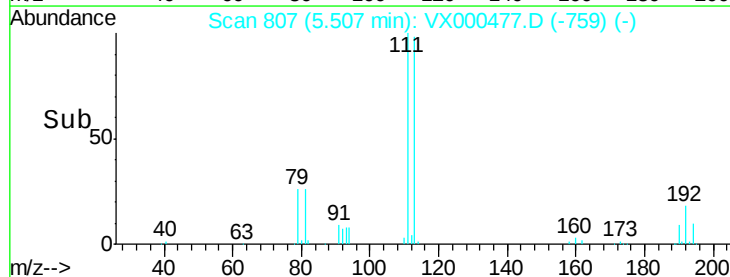
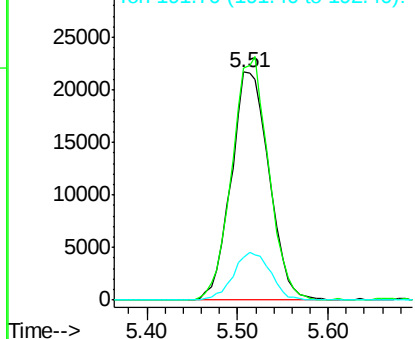


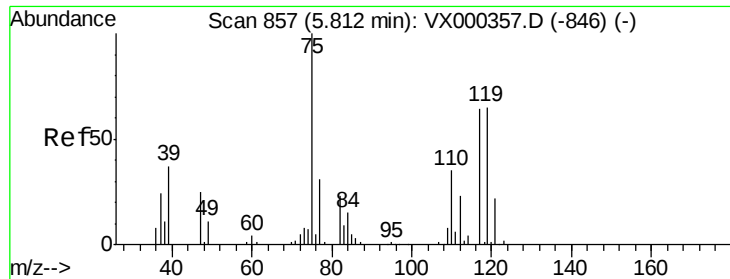
#35
 Dibromofluoromethane
 Concen: 50.91 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000477.D
 Acq: 27 Mar 2018 23:18

Tgt Ion:113 Resp: 62743
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.5 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

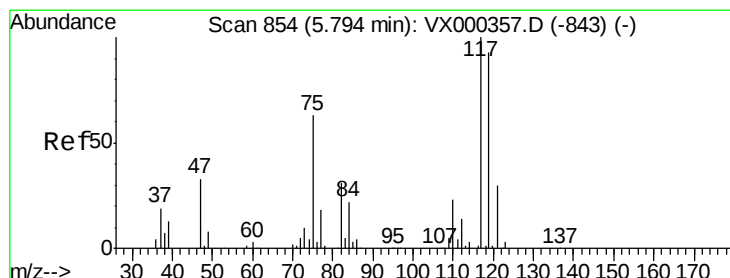
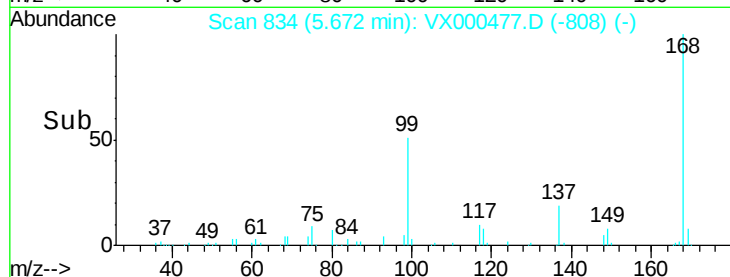
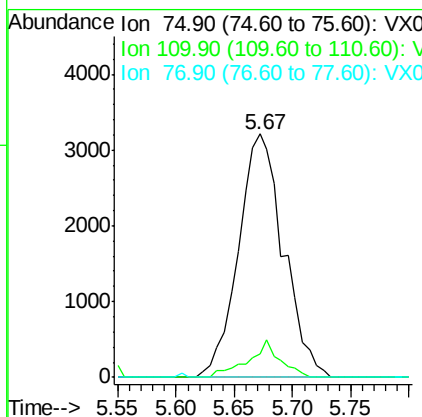
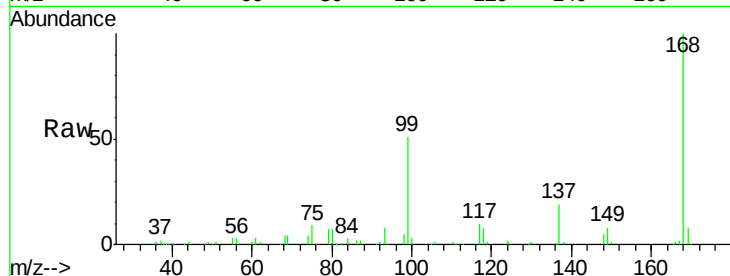




#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000477.D
 Acq: 27 Mar 2018 23:18

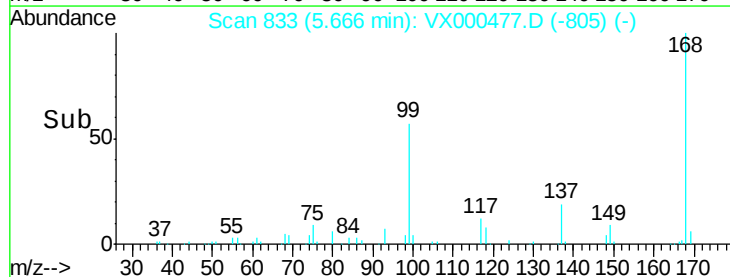
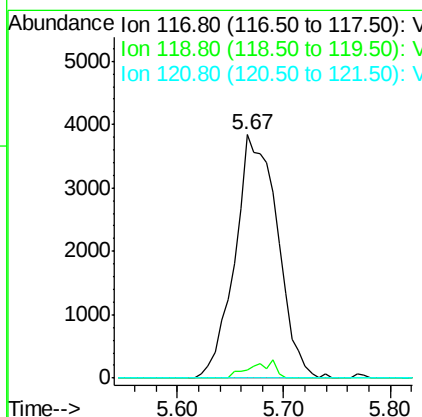
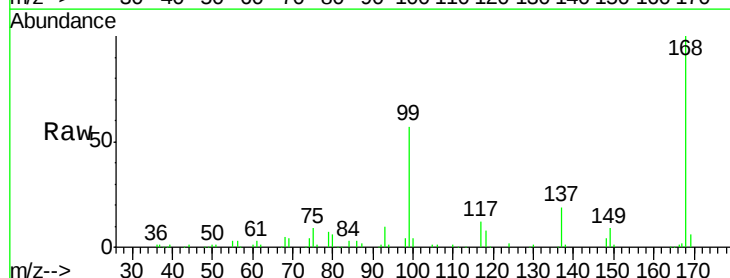
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD-20180326

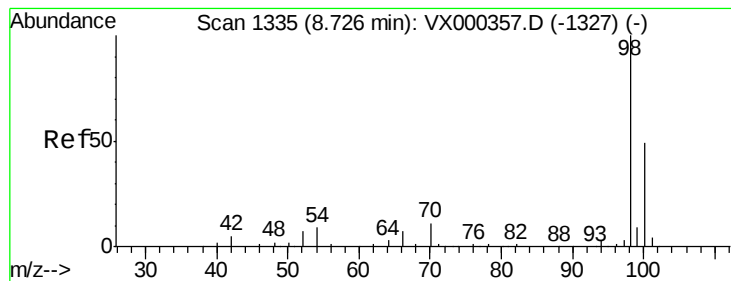
Tgt Ion: 75 Resp: 8629
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.60 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000477.D
 Acq: 27 Mar 2018 23:18

Tgt Ion: 117 Resp: 10766
 Ion Ratio Lower Upper
 117 100
 119 3.4 77.4 116.2#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.30 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

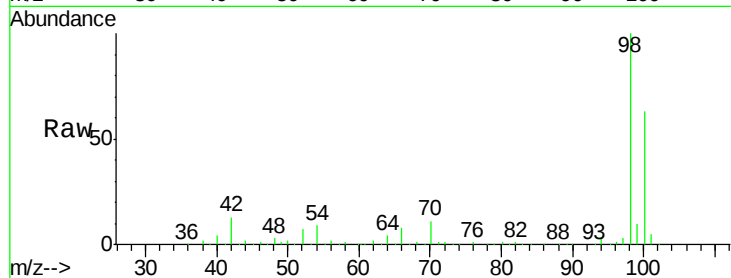
SY-3DD-20180326

Tgt Ion: 98 Resp: 246503

Ion Ratio Lower Upper

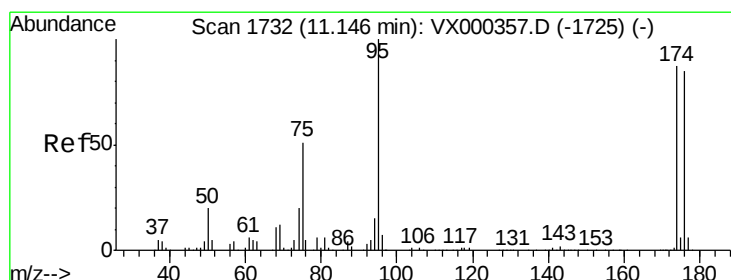
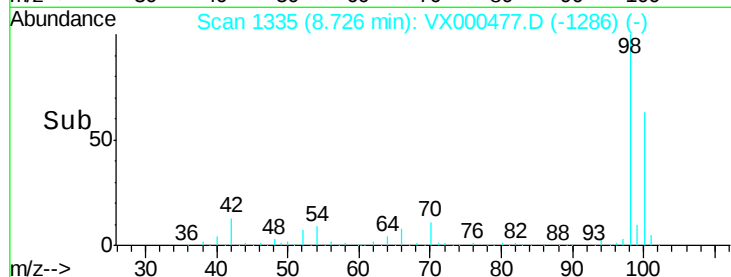
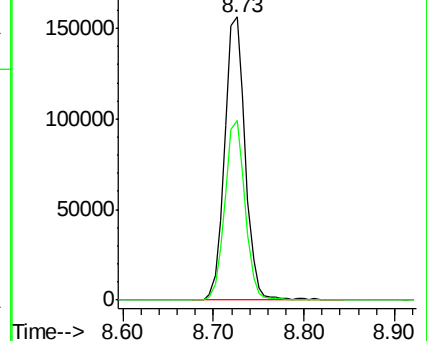
98 100

100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.39 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

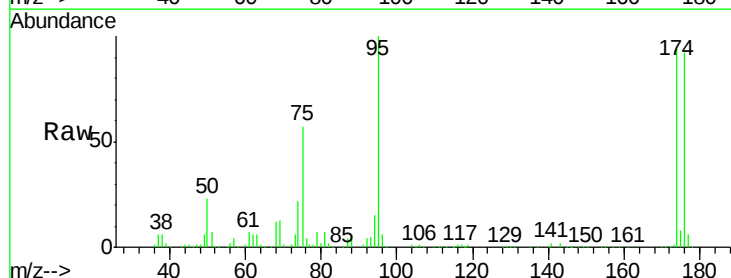
Tgt Ion: 95 Resp: 84181

Ion Ratio Lower Upper

95 100

174 89.7 0.0 173.6

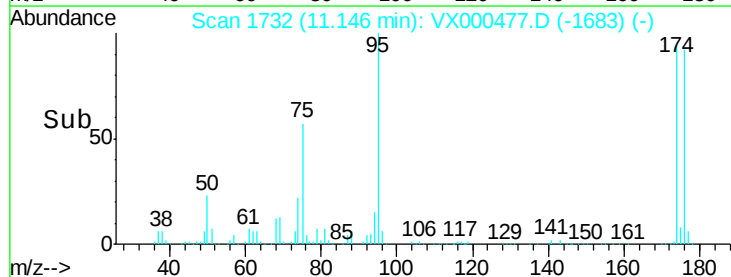
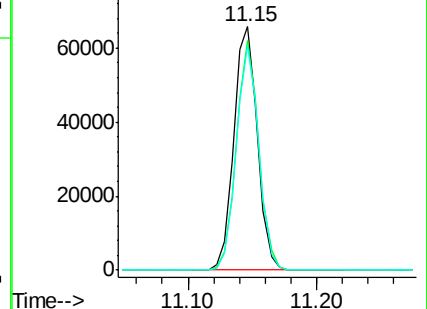
176 87.7 0.0 164.6

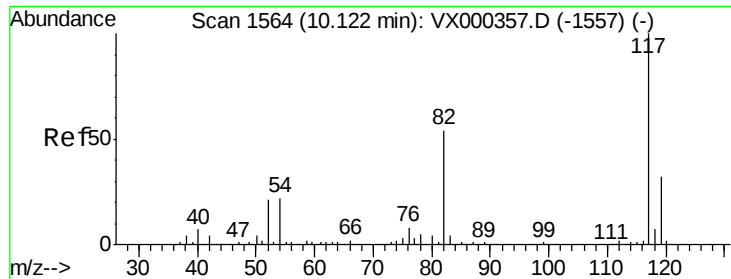


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

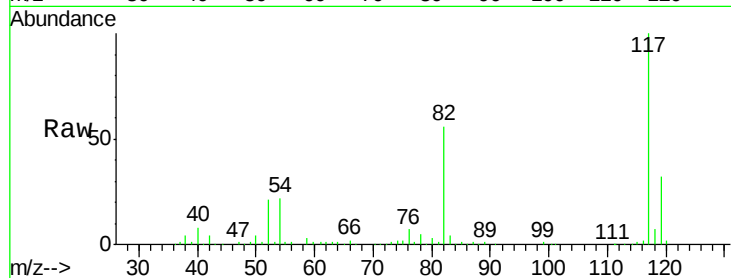




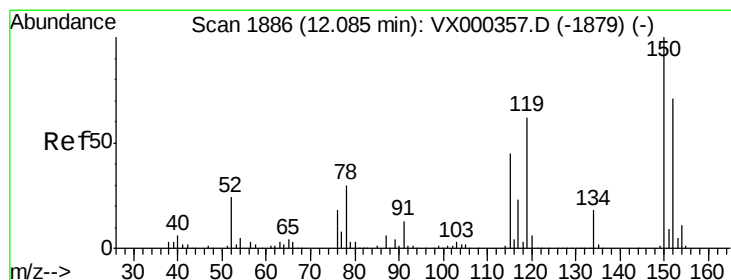
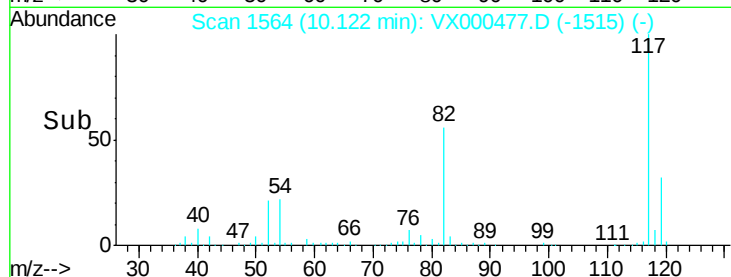
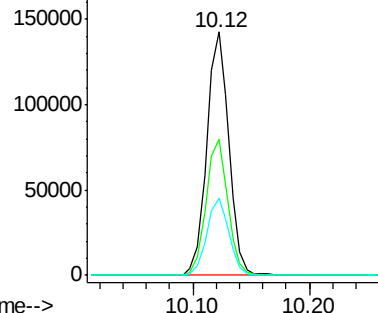
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD-20180326

Tgt Ion:117 Resp: 188577
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.8 24.9 37.3

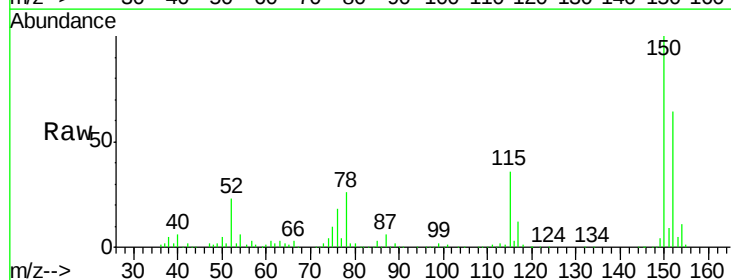


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

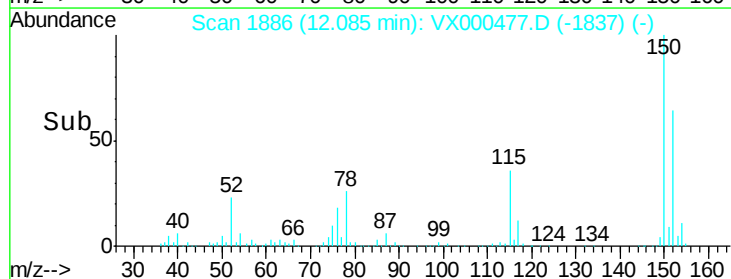
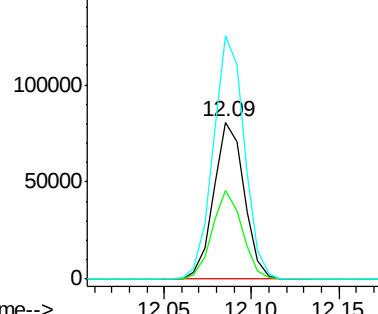


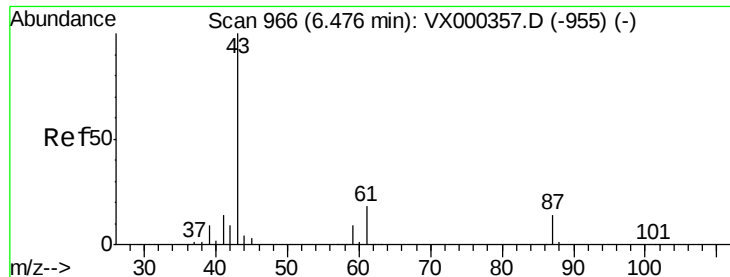
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Tgt Ion:152 Resp: 97748
Ion Ratio Lower Upper
152 100
115 55.0 39.8 119.3
150 157.7 0.0 344.4



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





#74

N-amy1 acetate

Concen: Below Cal

RT: 6.51 min Scan# 971

Delta R.T. 0.03 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD-20180326

Tgt Ion: 43 Resp: 26

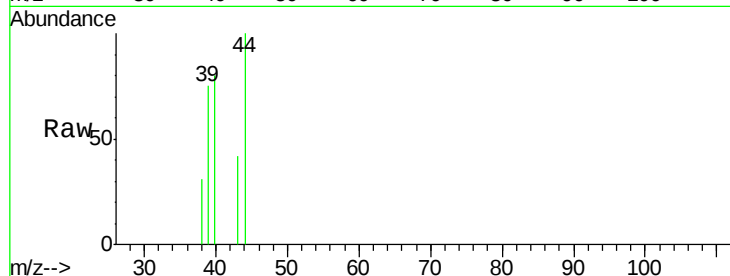
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

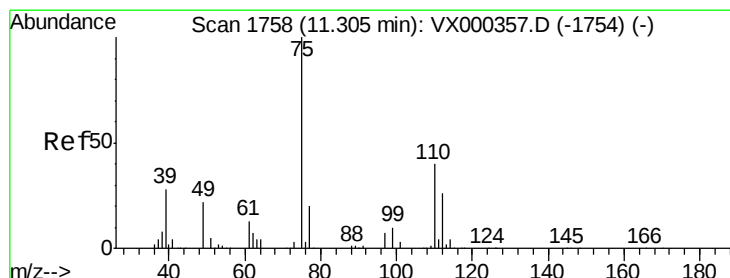
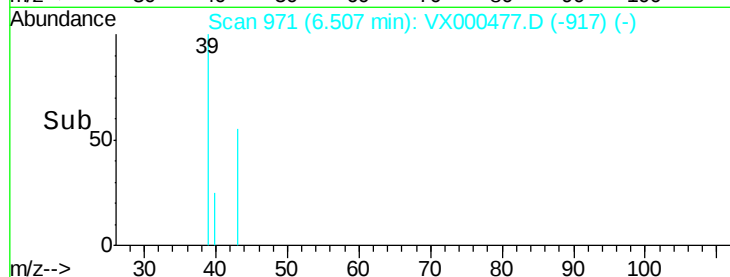
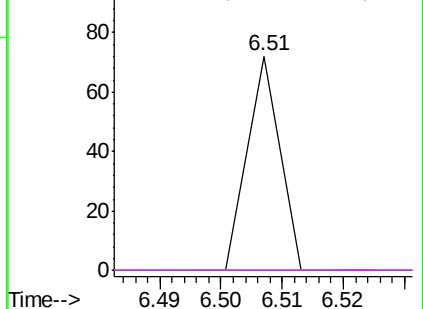


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 23.14 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000477.D

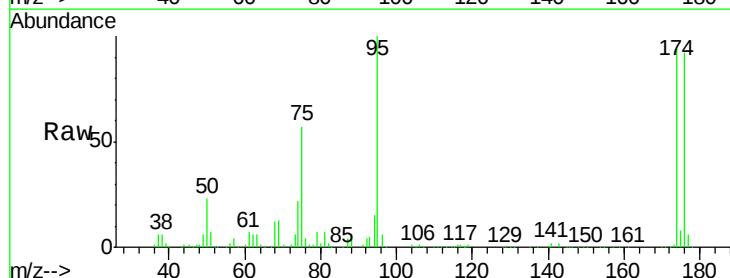
Acq: 27 Mar 2018 23:18

Tgt Ion: 75 Resp: 48619

Ion Ratio Lower Upper

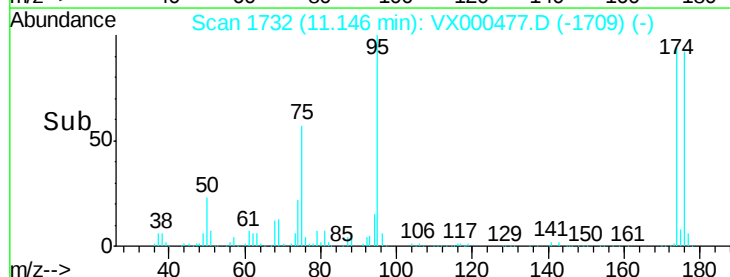
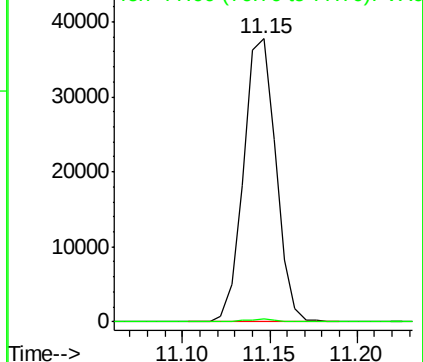
75 100

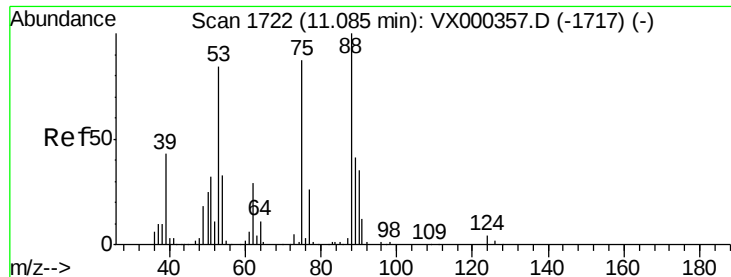
77 1.1 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 74.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000477.D

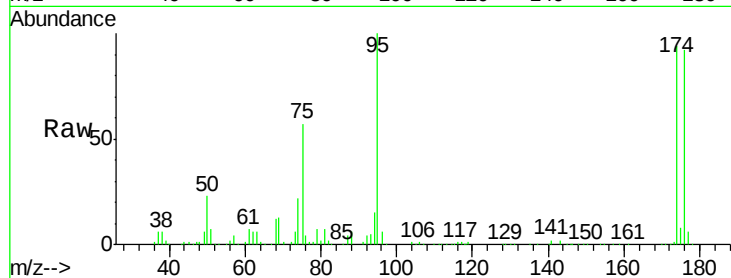
Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD-20180326



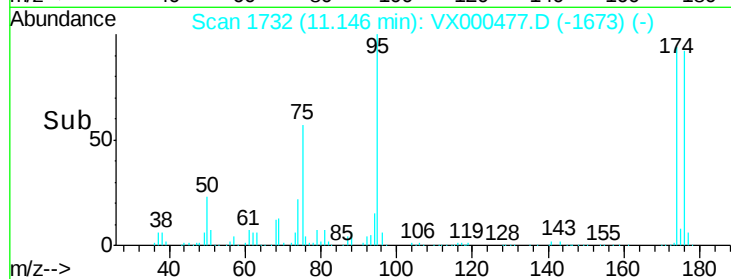
Tgt Ion: 75 Resp: 48619

Ion Ratio Lower Upper

75 100

53 0.1 80.7 121.1#

89 0.1 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

