

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003430.D
 Acq On : 17 Jul 2018 16:20
 Operator : JC/MD
 Sample : J3819-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-A

Quant Time: Jul 18 01:30:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	289399	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	419859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169472	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.44%		
35) Dibromofluoromethane	5.51	113	158561	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.36%		
50) Toluene-d8	8.72	98	623137	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.42%		
62) 4-Bromofluorobenzene	11.14	95	199439	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.12%		

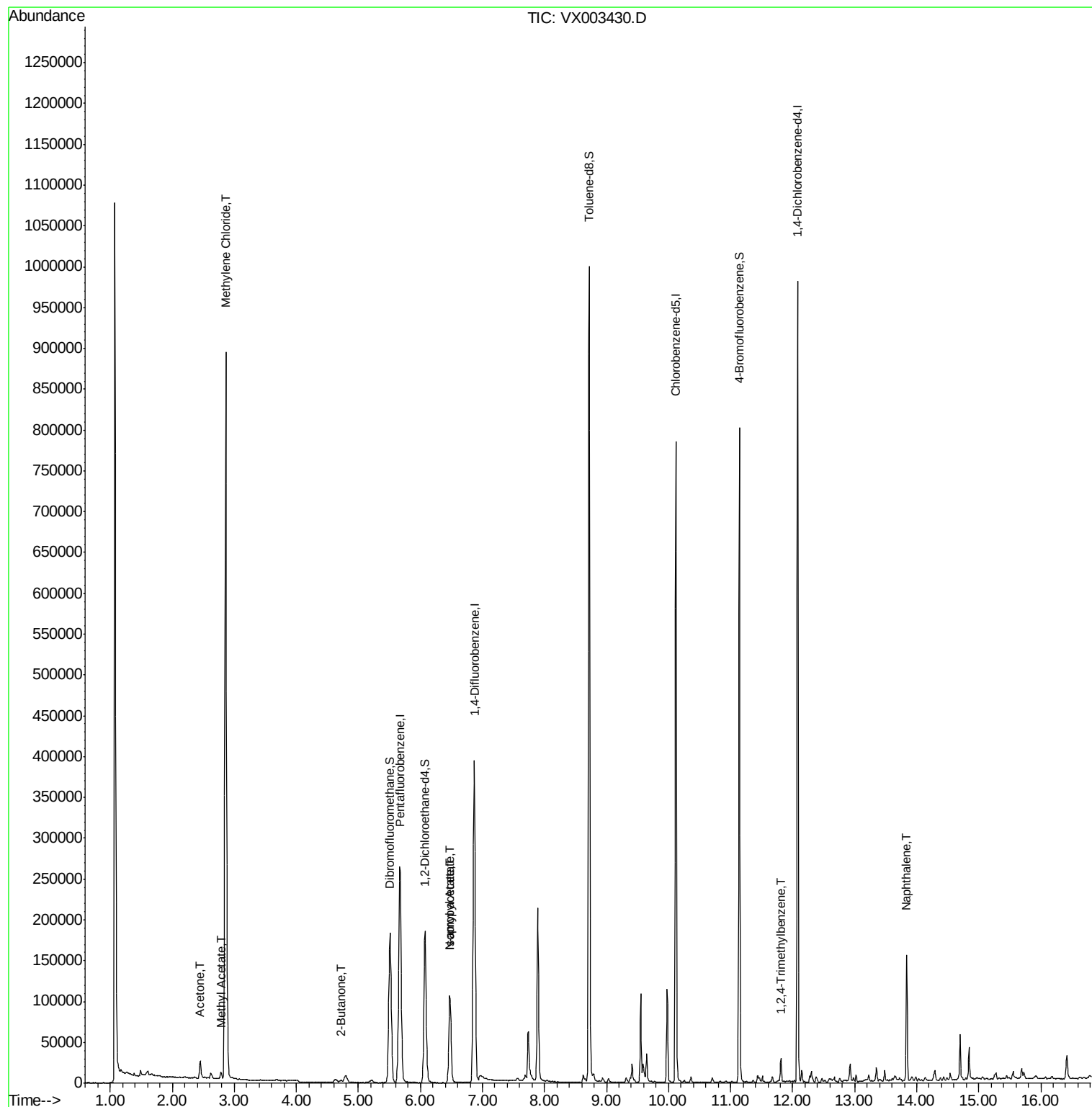
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	22838	14.49	ug/l #	84
18) Methyl Acetate	2.78	43	9242	1.80	ug/l	93
20) Methylene Chloride	2.85	84	443022	134.58	ug/l #	82
25) 2-Butanone	4.71	43	4509	1.83	ug/l	91
43) Isopropyl Acetate	6.47	43	140369	19.41	ug/l	94
74) N-amyl acetate	6.47	43	140369	21.58	ug/l #	94
84) 1,2,4-Trimethylbenzene	11.81	105	11927	1.05	ug/l	99
95) Naphthalene	13.83	128	98232	7.09	ug/l	98

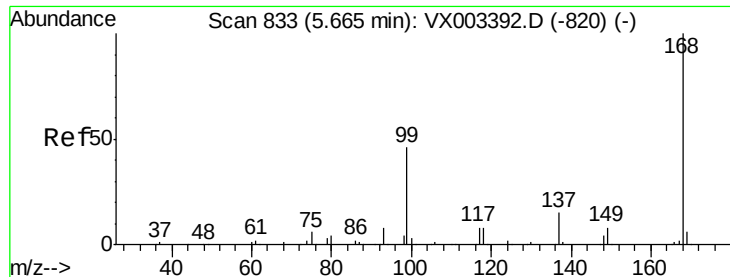
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

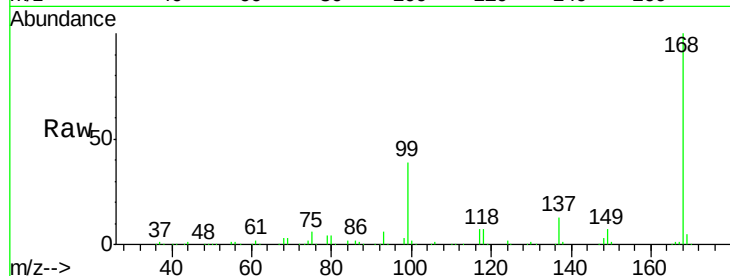
AU-05-071318-A

Tot Ion:168 Resp: 289399

Ion Ratio Lower Upper

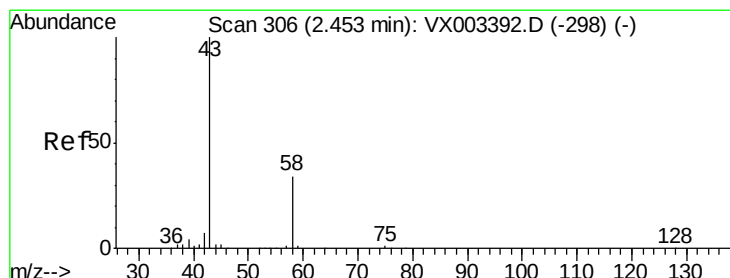
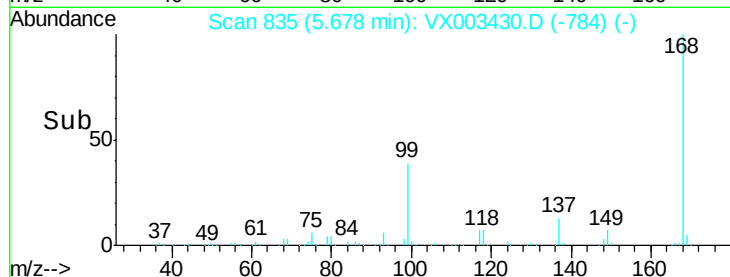
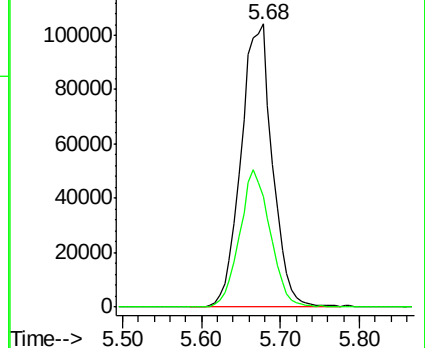
168 100

99 39.2 39.3 58.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003430.D

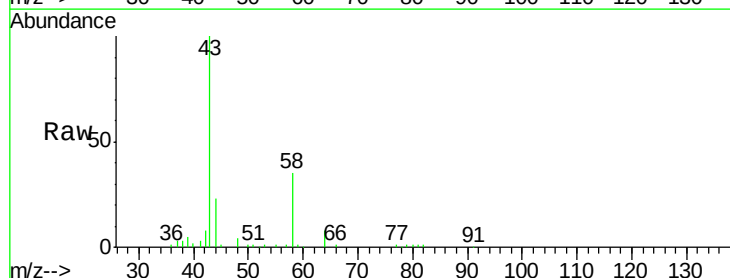
Acq: 17 Jul 2018 16:20

Tgt Ion: 43 Resp: 22838

Ion Ratio Lower Upper

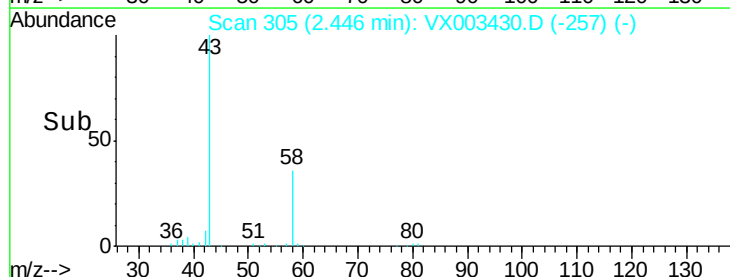
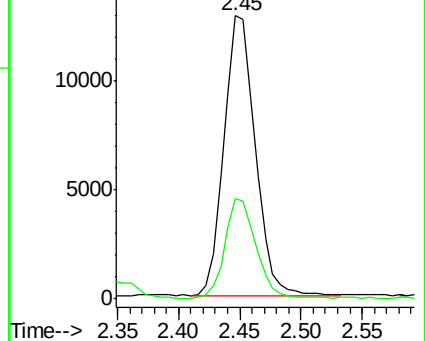
43 100

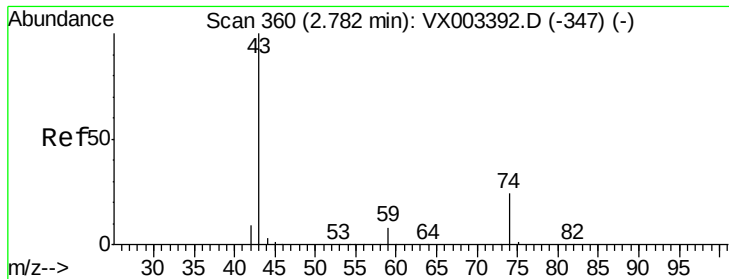
58 35.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 1.80 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

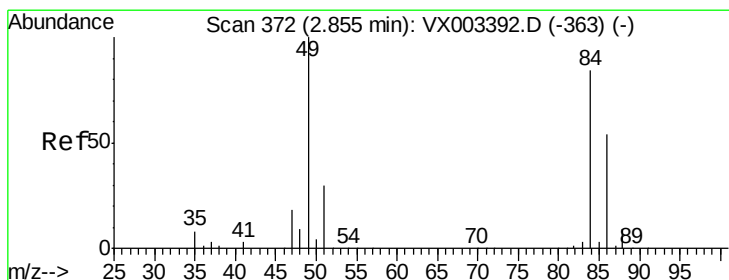
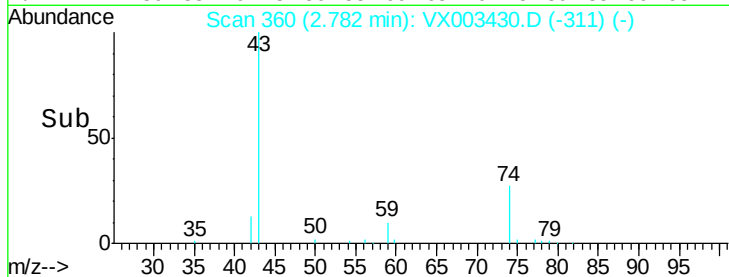
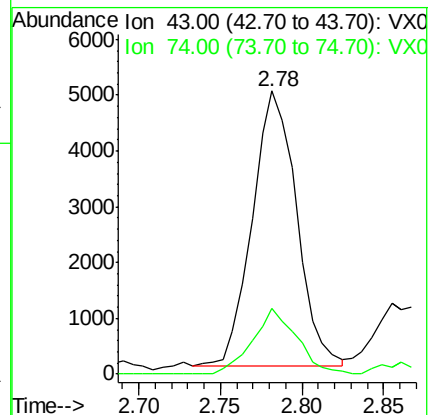
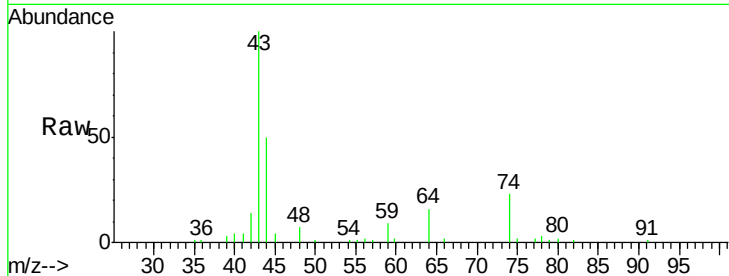
AU-05-071318-A

Tot Ion: 43 Resp: 9242

Ion Ratio Lower Upper

43 100

74 24.1 16.7 25.1



#20

Methylene Chloride

Concen: 134.58 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Tgt Ion: 84 Resp: 443022

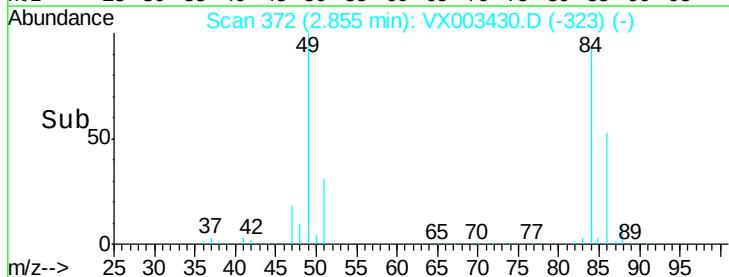
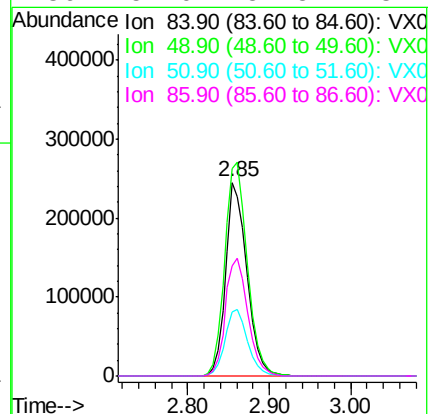
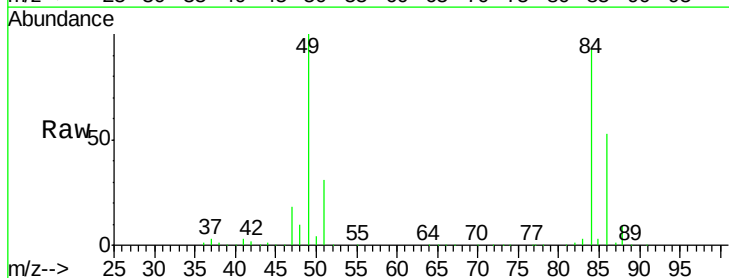
Ion Ratio Lower Upper

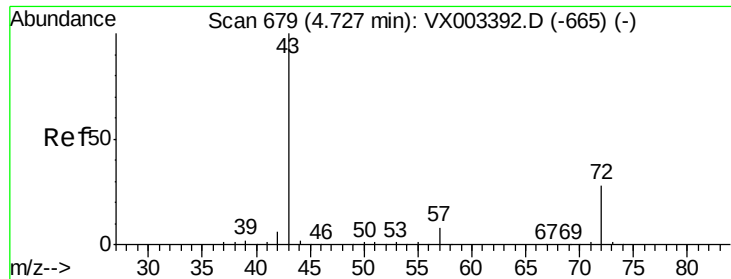
84 100

49 107.2 107.8 161.6#

51 33.1 32.8 49.2

86 57.0 52.5 78.7





#25

2-Butanone

Concen: 1.83 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

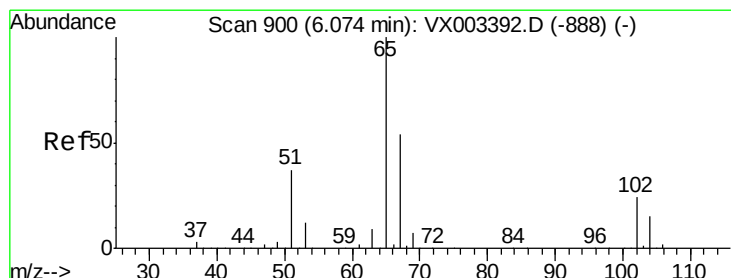
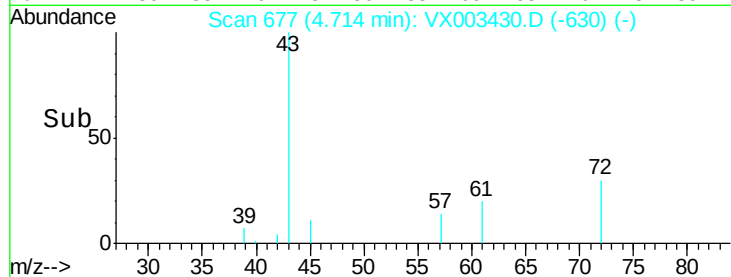
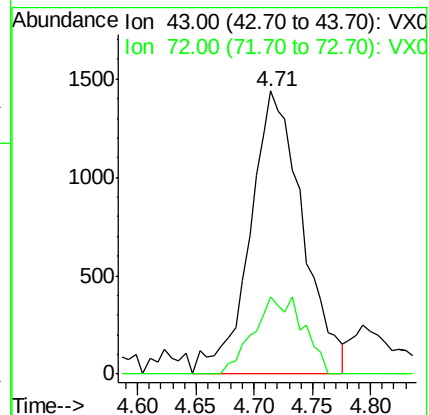
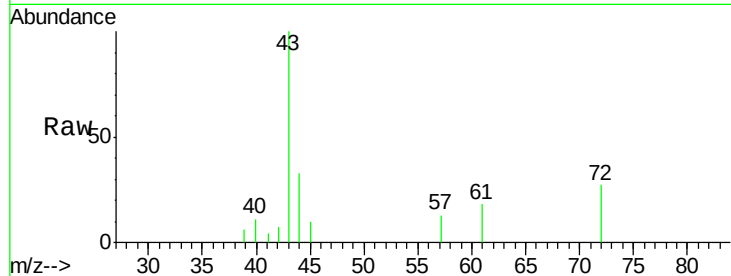
AU-05-071318-A

Tot Ion: 43 Resp: 4509

Ion Ratio Lower Upper

43 100

72 27.4 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 44.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003430.D

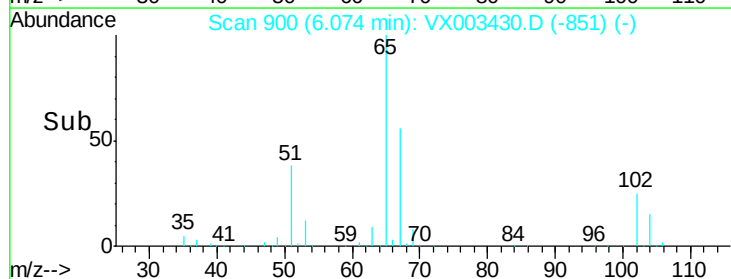
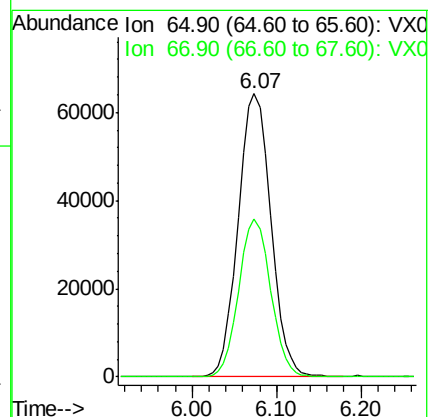
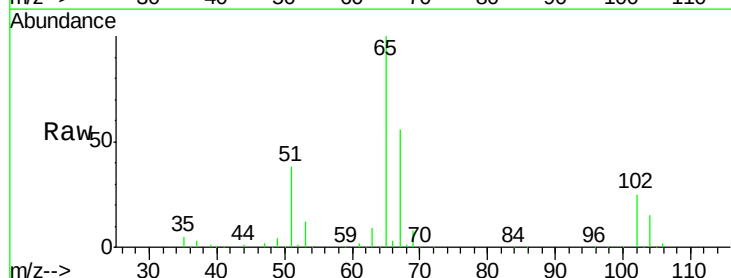
Acq: 17 Jul 2018 16:20

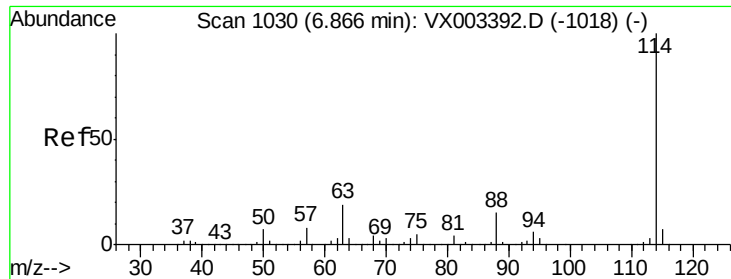
Tgt Ion: 65 Resp: 169472

Ion Ratio Lower Upper

65 100

67 54.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

AU-05-071318-A

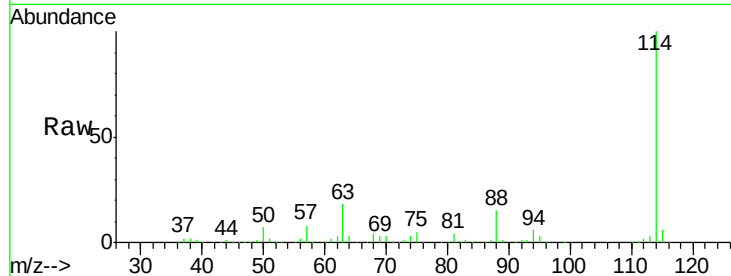
Tot Ion:114 Resp: 419859

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.4

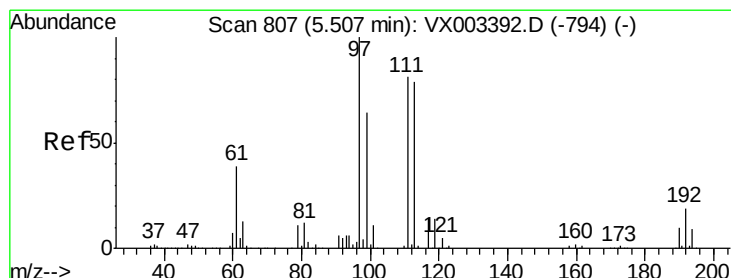
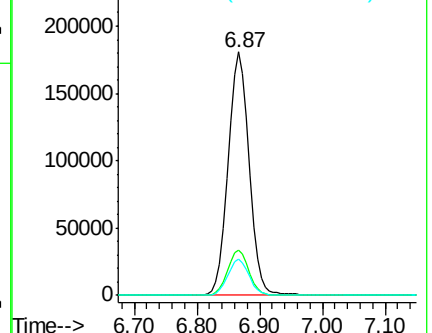
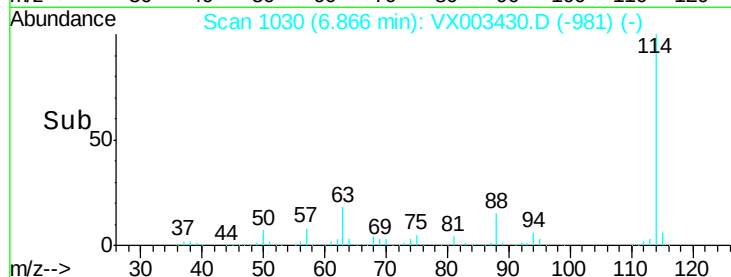
88 14.7 0.0 30.0



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: 46.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

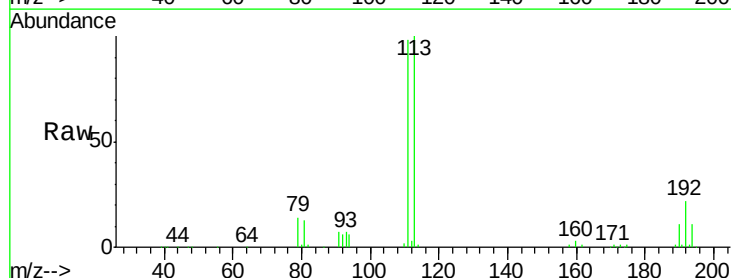
Tgt Ion:113 Resp: 158561

Ion Ratio Lower Upper

113 100

111 99.9 81.4 122.0

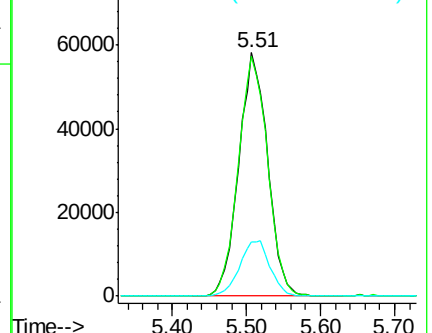
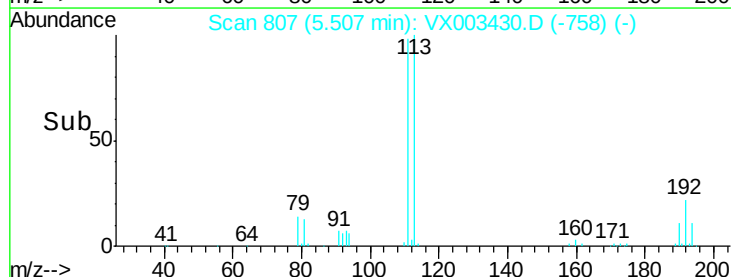
192 23.9 19.1 28.7

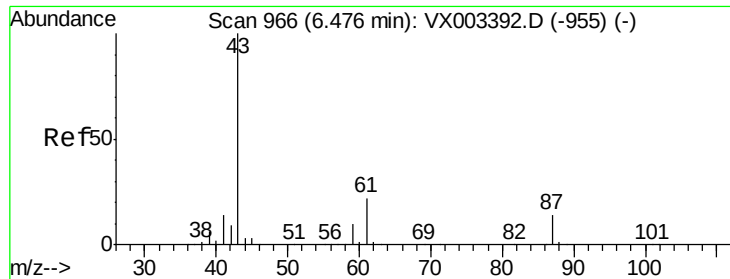


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



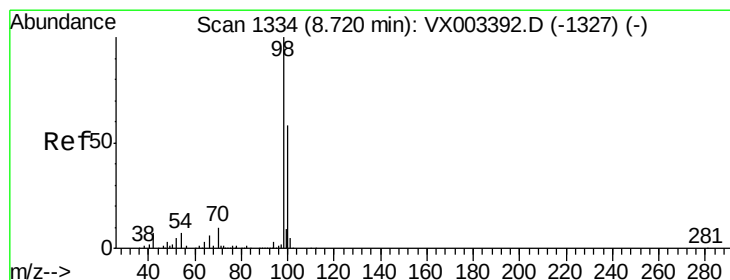
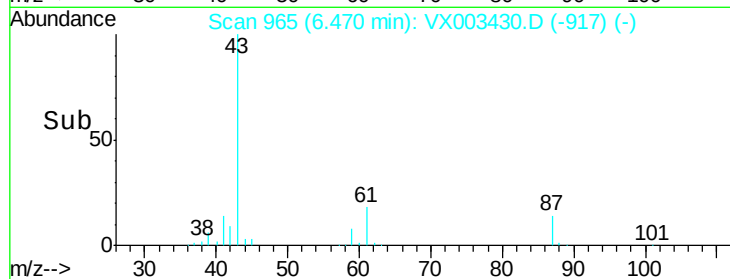
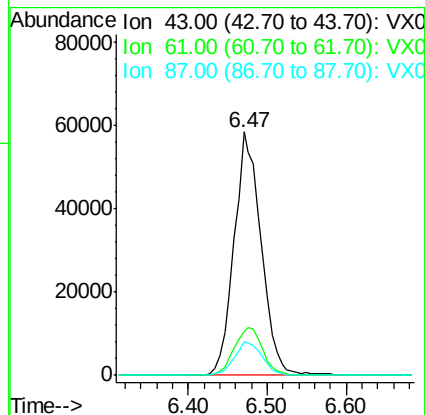
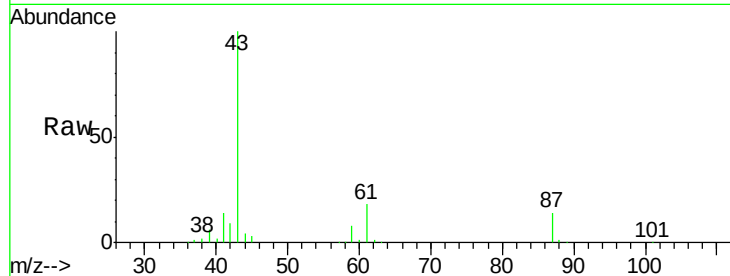


#43

Isopropyl Acetate
 Concen: 19.41 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003430.D
 Acq: 17 Jul 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-A

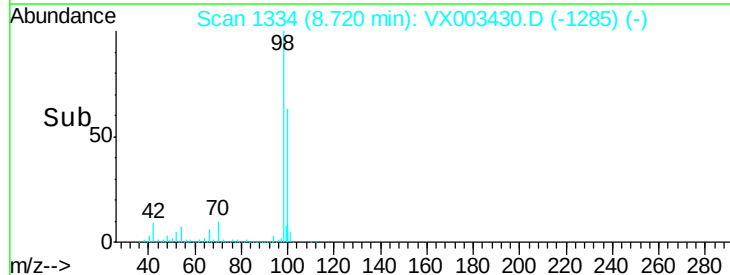
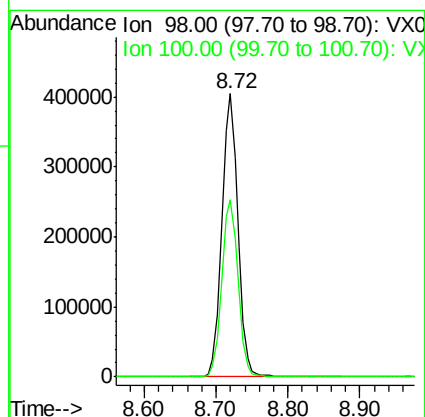
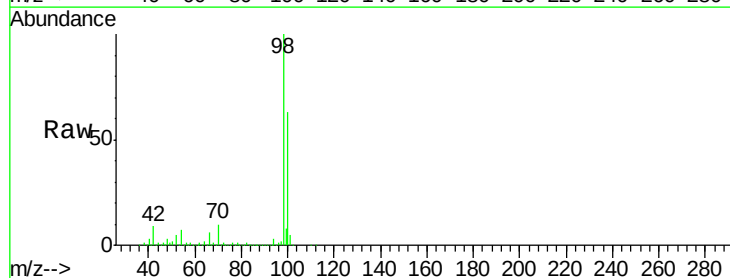
Tot Ion	43	Resp	140369
Ion Ratio	Lower	Upper	
43	100		
61	20.6	14.4	21.6
87	14.2	9.5	14.3

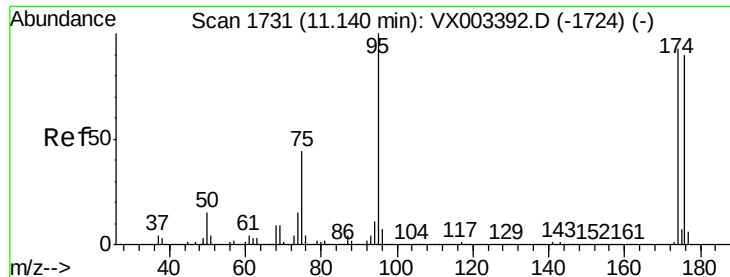


#50

Toluene-d8
 Concen: 49.71 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003430.D
 Acq: 17 Jul 2018 16:20

Tgt Ion	98	Resp	623137
Ion Ratio	Lower	Upper	
98	100		
100	63.2	50.9	76.3

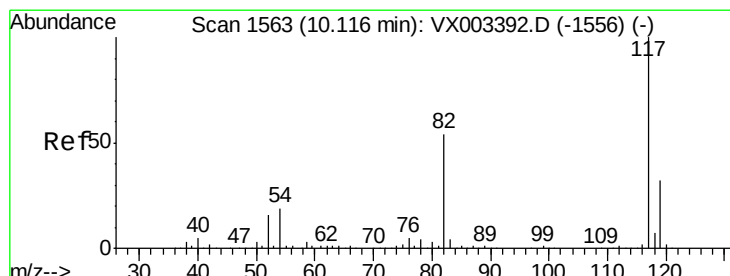
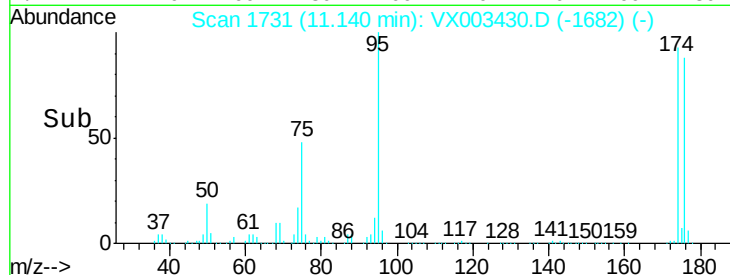
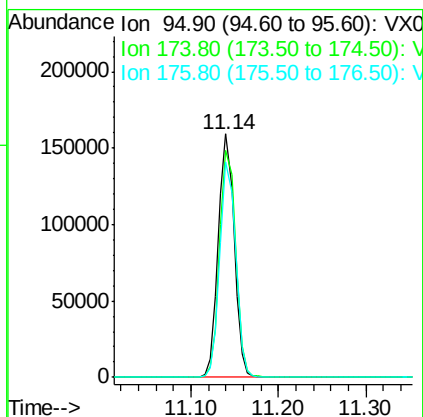
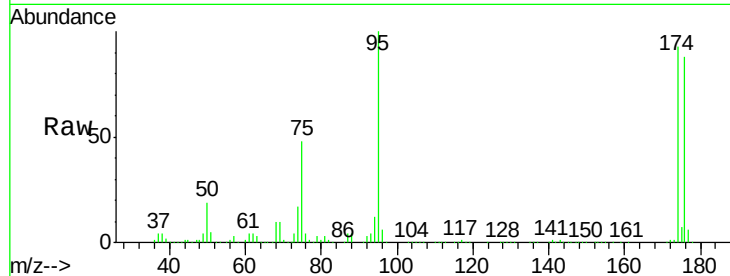




#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003430.D
Acq: 17 Jul 2018 16:20

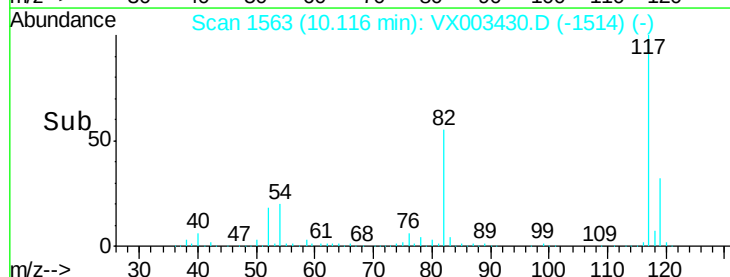
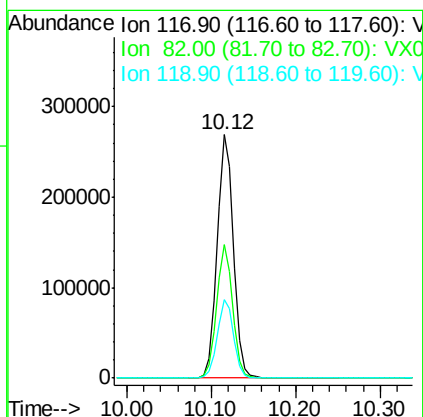
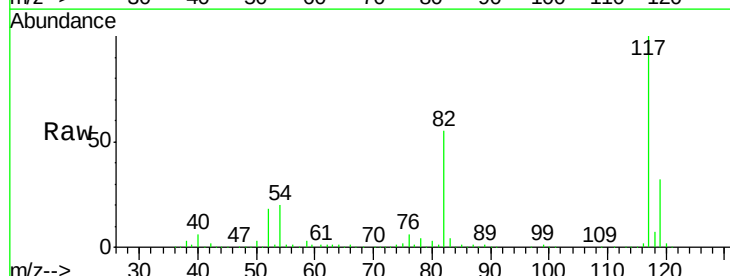
Instrument :
MSVOA_X
ClientSampleId :
AU-05-071318-A

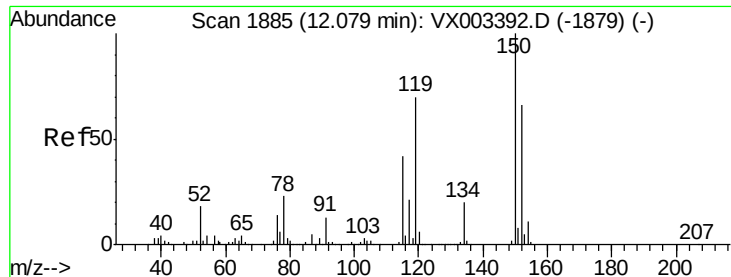
Tot Ion: 95 Resp: 199439
Ion Ratio Lower Upper
95 100
174 94.8 0.0 187.4
176 88.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003430.D
Acq: 17 Jul 2018 16:20

Tgt Ion: 117 Resp: 361242
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.5 25.8 38.6

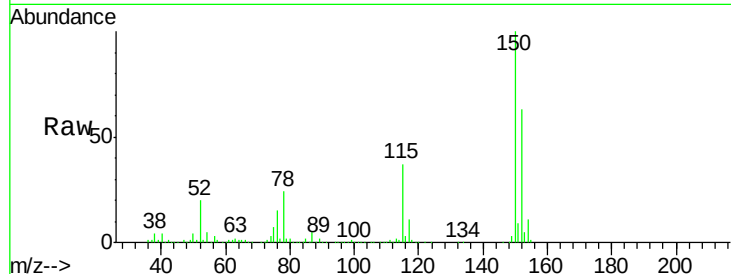




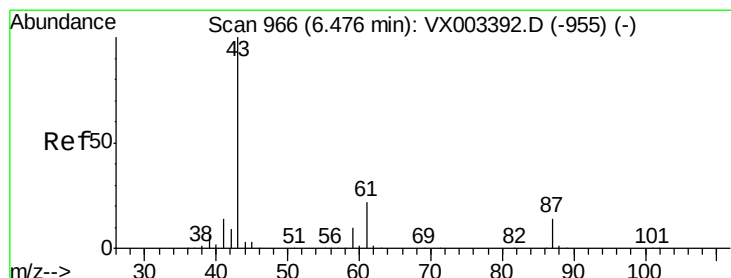
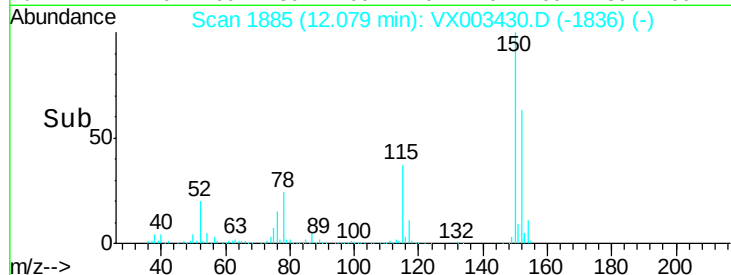
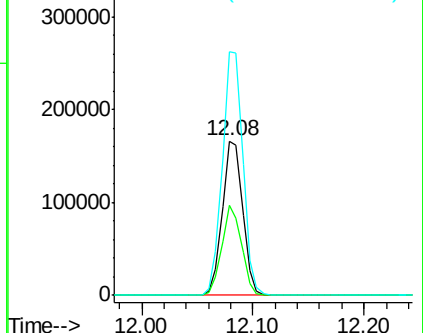
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003430.D
 Acq: 17 Jul 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-071318-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.1	120.2
150	159.2	0.0	347.2

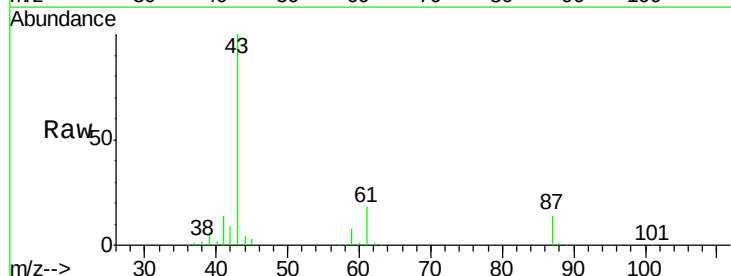


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

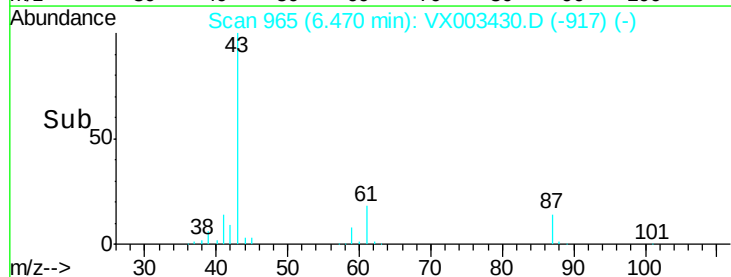
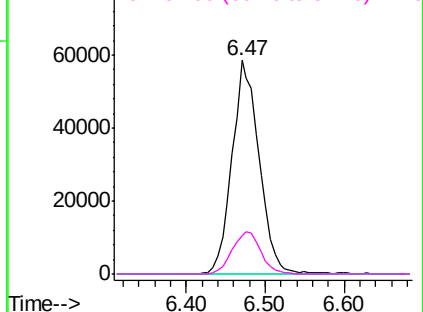


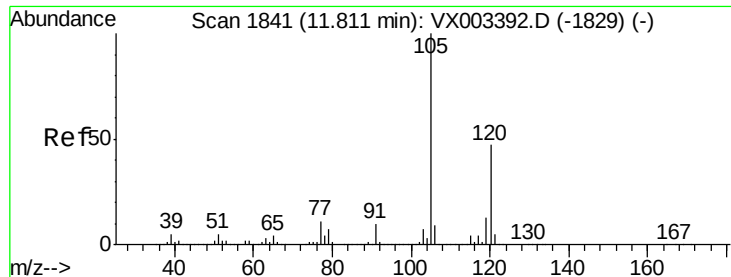
#74
 N-amyl acetate
 Concen: 21.58 ug/l
 RT: 6.47 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX003430.D
 Acq: 17 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	20.6	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





#84

1,2,4-Trimethylbenzene

Concen: 1.05 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

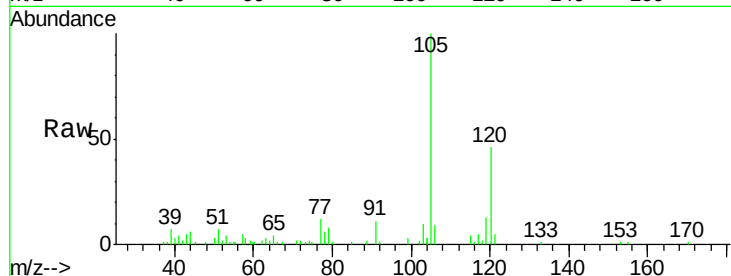
AU-05-071318-A

Tot Ion:105 Resp: 11927

Ion Ratio Lower Upper

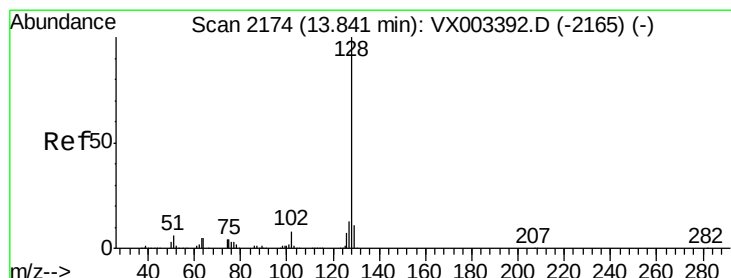
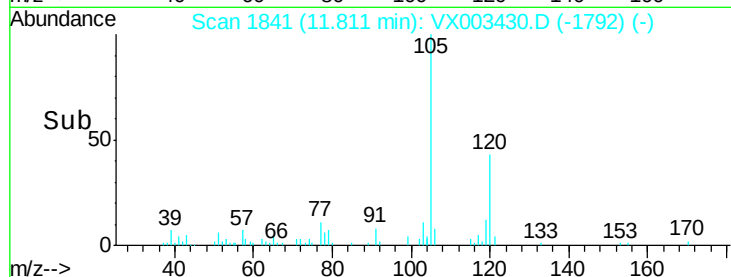
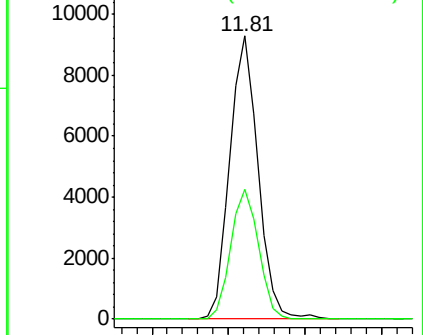
105 100

120 44.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.09 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003430.D

Acq: 17 Jul 2018 16:20

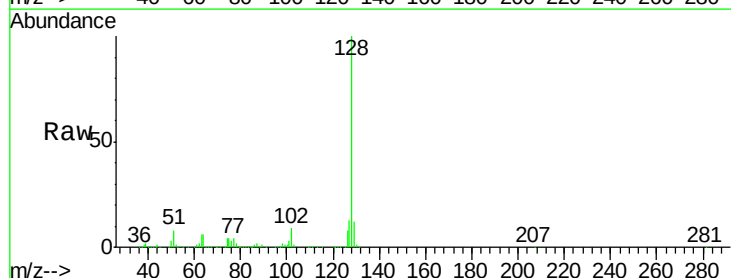
Tgt Ion:128 Resp: 98232

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

