

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004159.D
 Acq On : 20 Aug 2018 18:01
 Operator : JC/MD
 Sample : J4274-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

Quant Time: Aug 21 02:06:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228155	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	194014	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	5.50	113	166395	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.71	98	617071	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	212031	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	

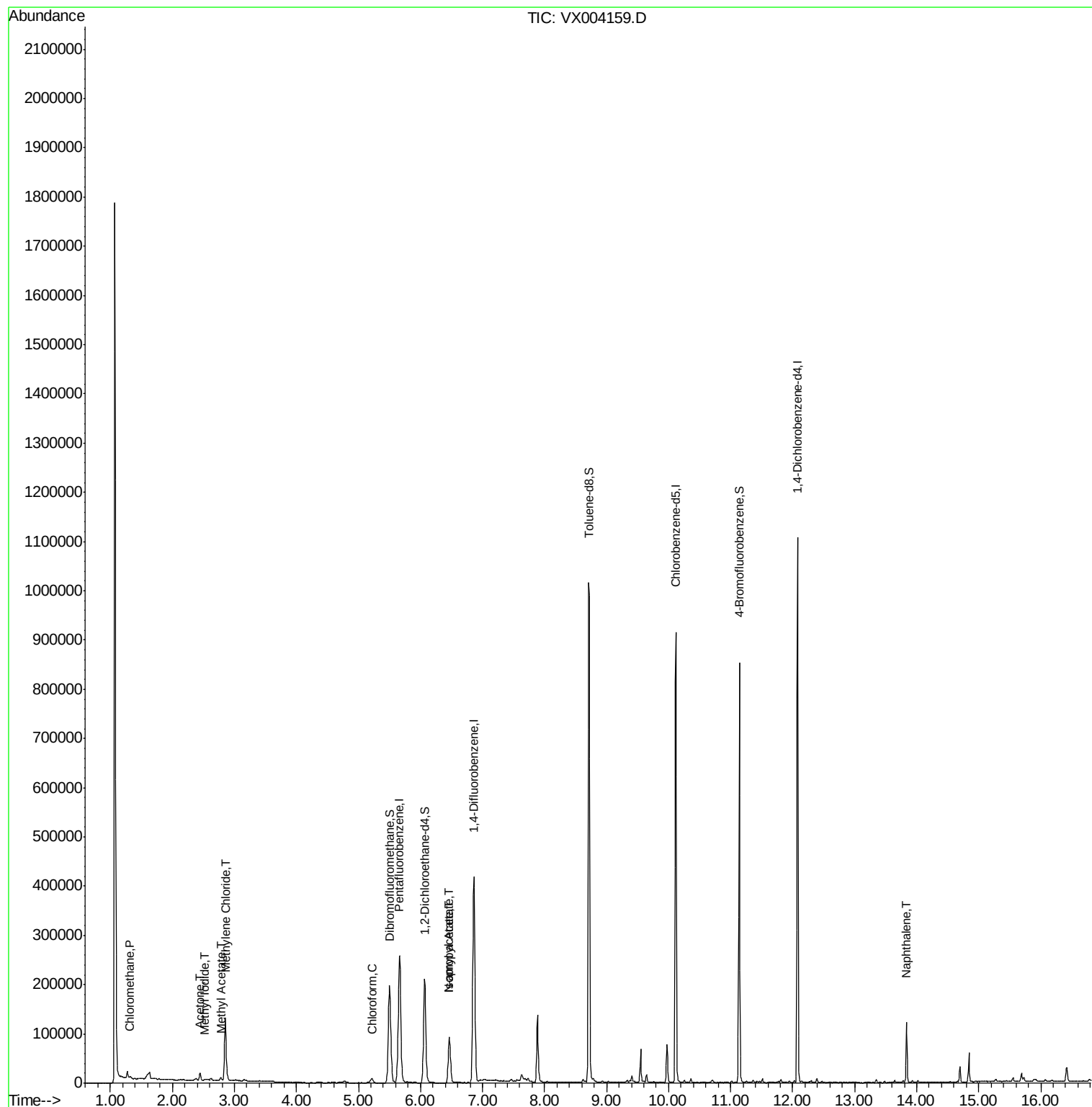
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3603	1.13	ug/l	93
10) Methyl Iodide	2.52	142	1335	5.38	ug/l	95
16) Acetone	2.45	43	15523	7.91	ug/l	100
18) Methyl Acetate	2.78	43	6813	1.56	ug/l	92
20) Methylene Chloride	2.85	84	60181	18.39	ug/l	98
30) Chloroform	5.22	83	9685	1.67	ug/l	100
43) Isopropyl Acetate	6.46	43	120105	15.26	ug/l	99
74) N-amyl acetate	6.46	43	120105	16.54	ug/l #	99
95) Naphthalene	13.83	128	75556	5.77	ug/l	99

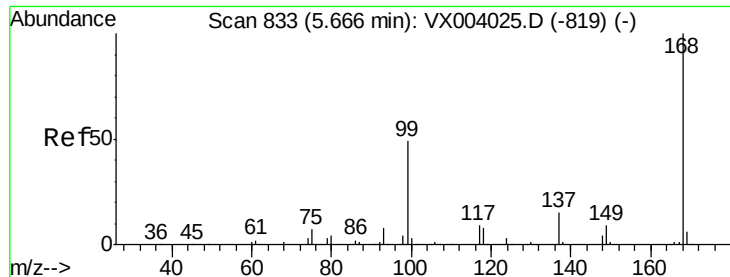
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

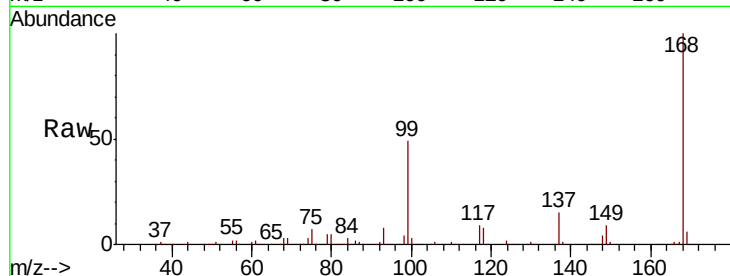
HD-02-081718

Tot Ion:168 Resp: 267767

Ion Ratio Lower Upper

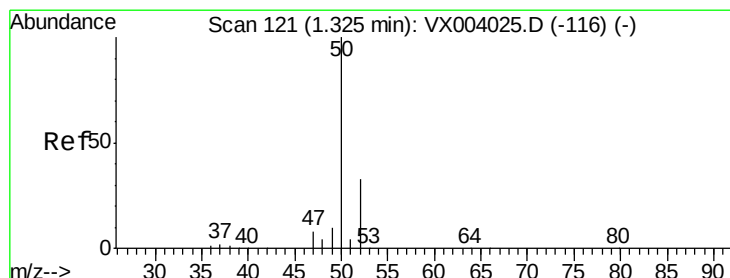
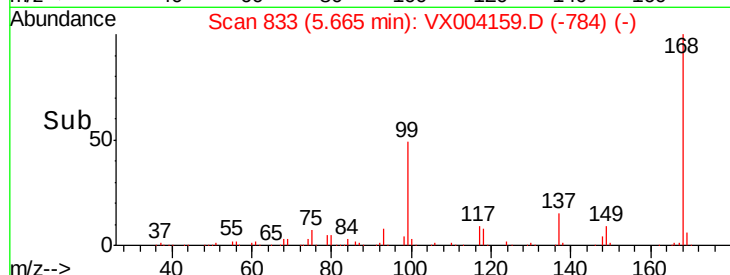
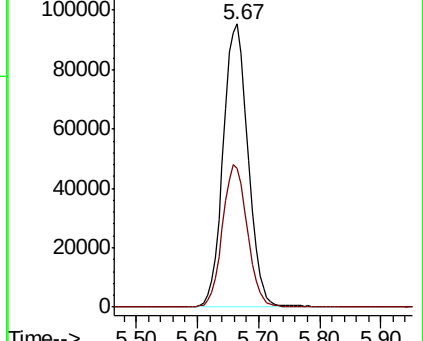
168 100

99 49.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004159.D

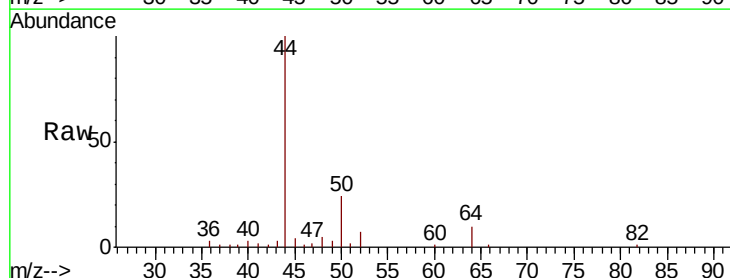
Acq: 20 Aug 2018 18:01

Tgt Ion: 50 Resp: 3603

Ion Ratio Lower Upper

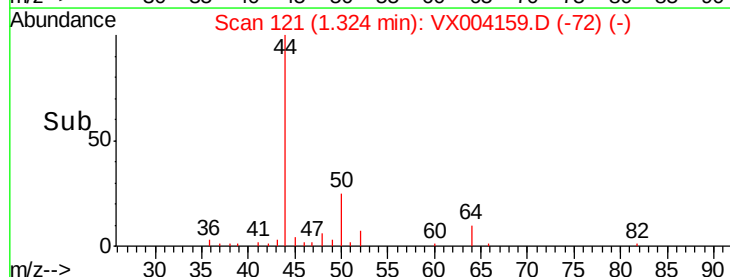
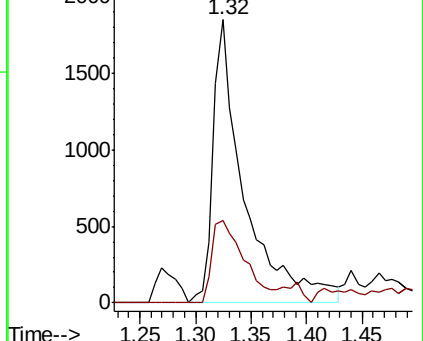
50 100

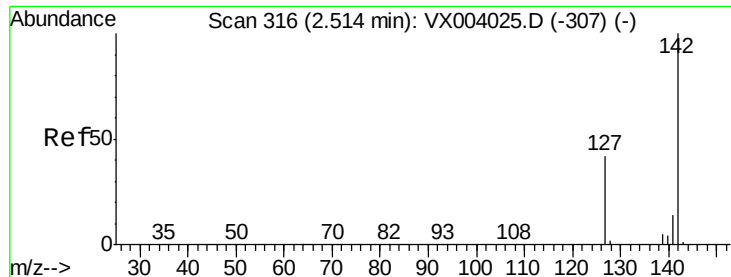
52 29.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

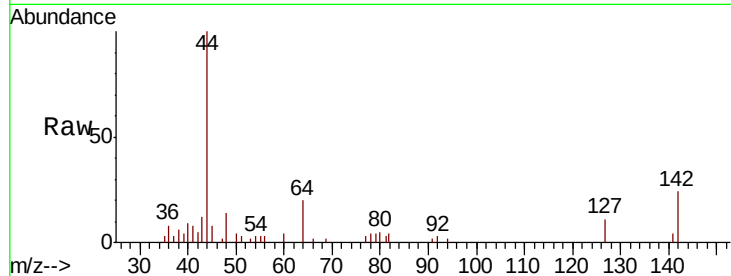




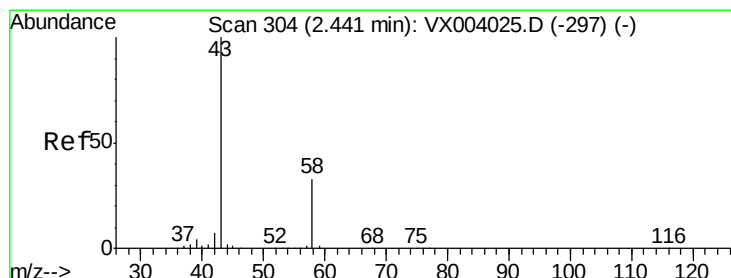
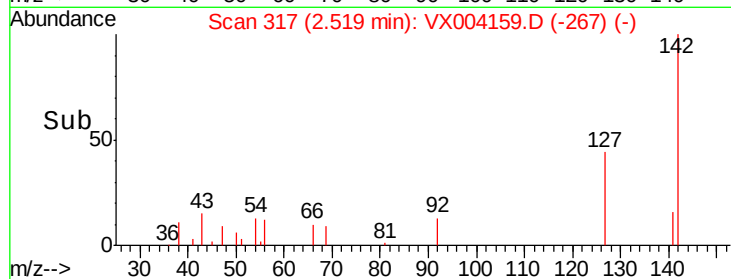
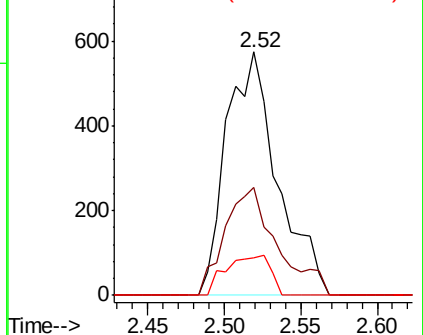
#10
Methvl Iodide
Concen: 5.38 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

Tot Ion:142 Resp: 1335
Ion Ratio Lower Upper
142 100
127 45.2 33.1 49.7
141 14.3 11.1 16.7

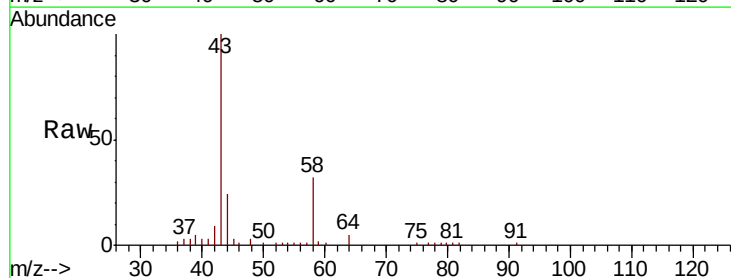


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

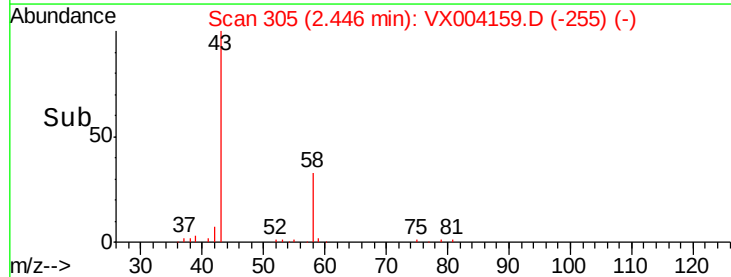
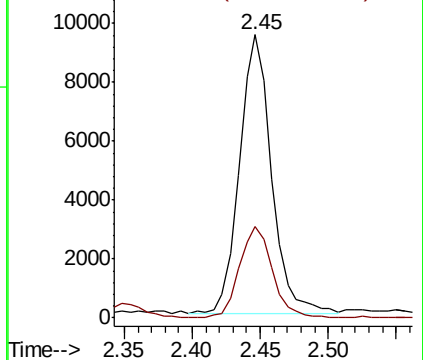


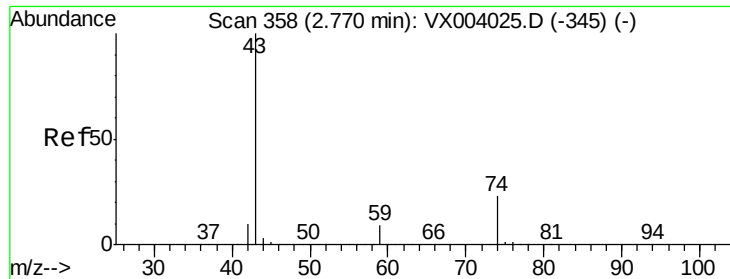
#16
Acetone
Concen: 7.91 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 43 Resp: 15523
Ion Ratio Lower Upper
43 100
58 32.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

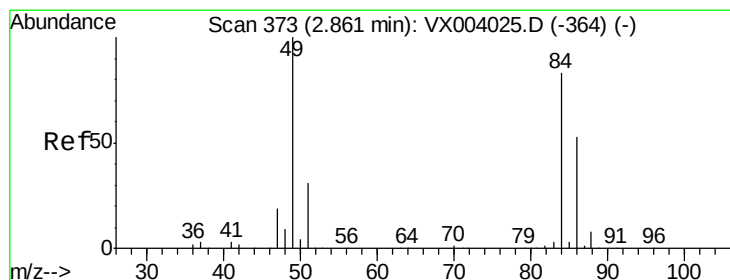
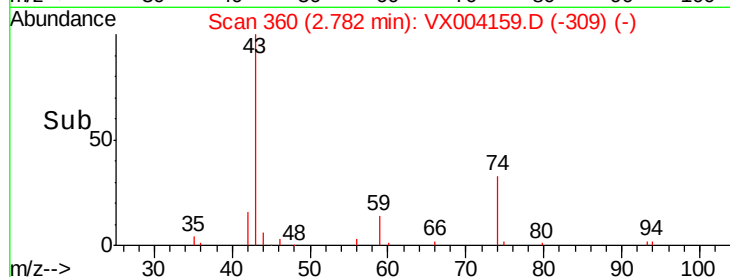
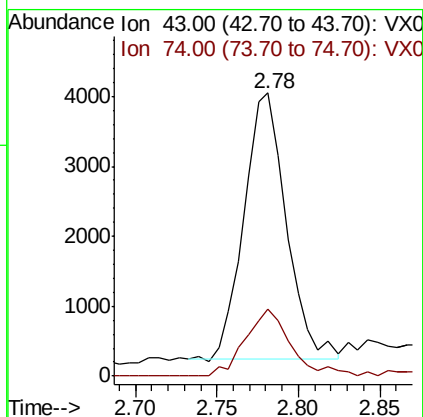
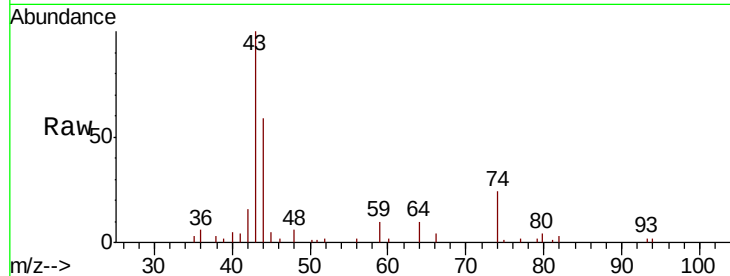




#18
Methvl Acetate
Concen: 1.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

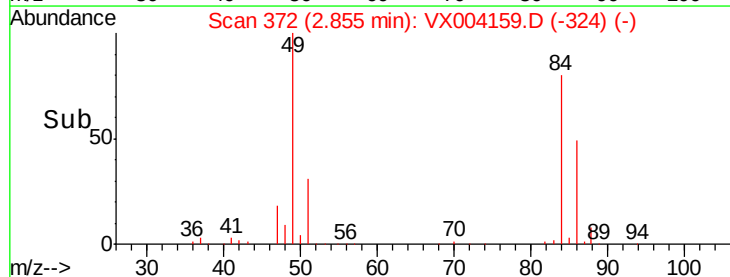
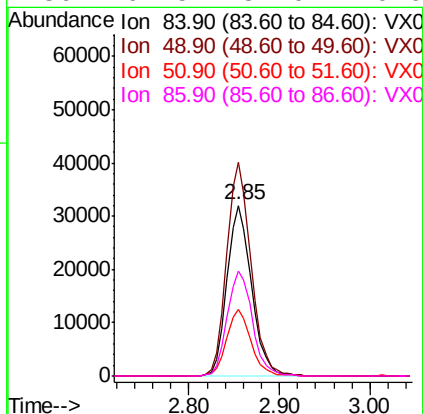
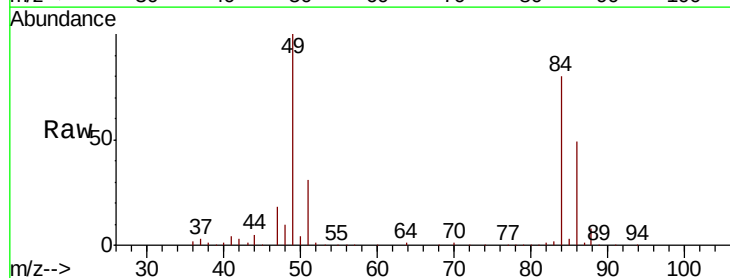
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

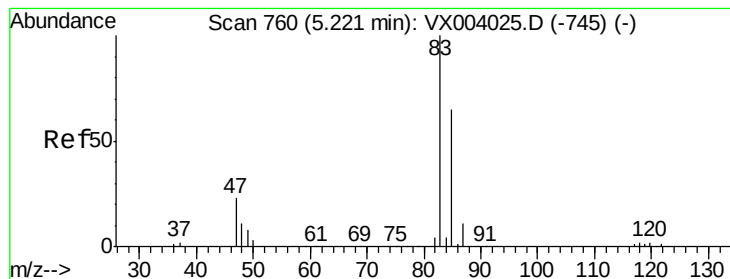
Tot Ion: 43 Resp: 6813
Ion Ratio Lower Upper
43 100
74 27.4 18.9 28.3



#20
Methylene Chloride
Concen: 18.39 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 84 Resp: 60181
Ion Ratio Lower Upper
84 100
49 125.0 98.9 148.3
51 39.0 29.9 44.9
86 61.5 51.0 76.6





#30

Chloroform

Concen: 1.67 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

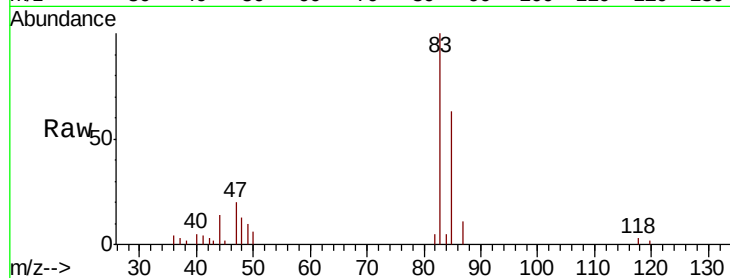
HD-02-081718

Tot Ion: 83 Resp: 9685

Ion Ratio Lower Upper

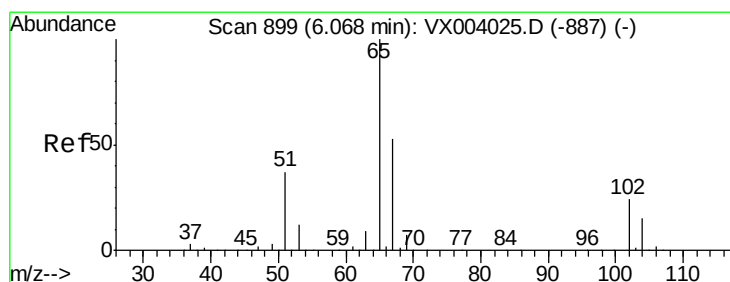
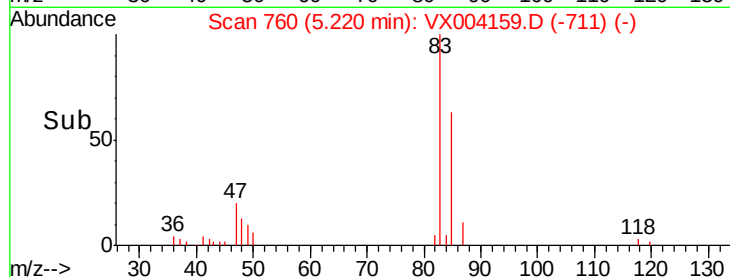
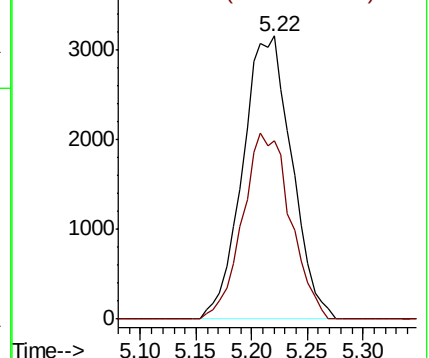
83 100

85 63.2 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.43 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004159.D

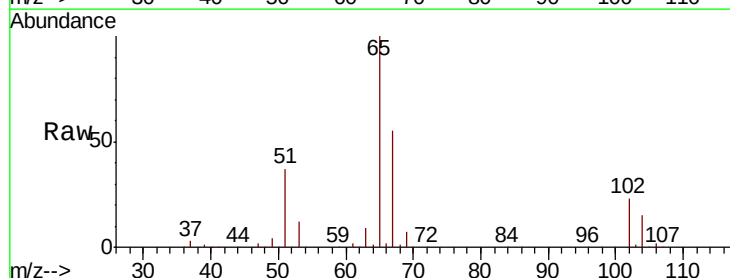
Acq: 20 Aug 2018 18:01

Tgt Ion: 65 Resp: 194014

Ion Ratio Lower Upper

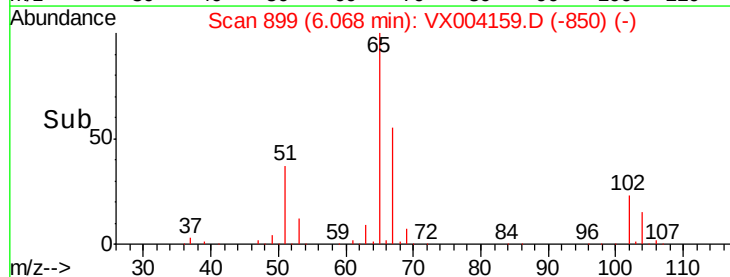
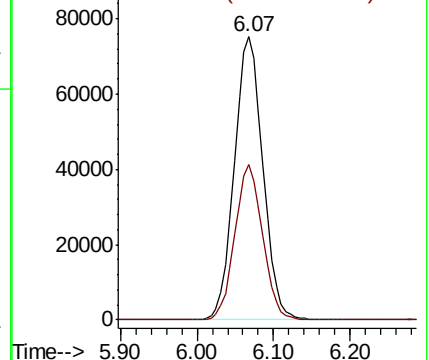
65 100

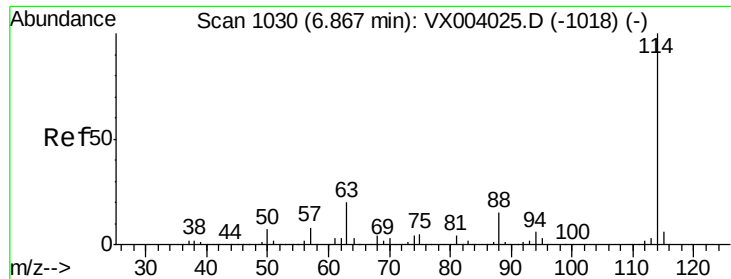
67 53.4 0.0 105.8



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: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

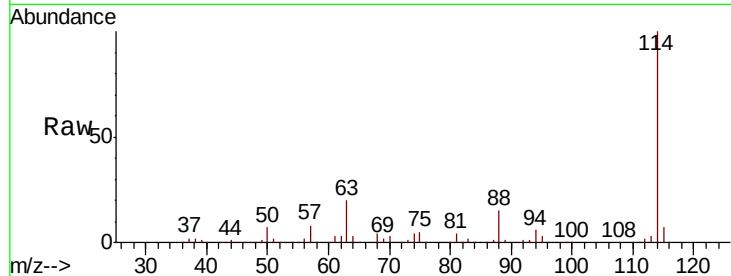
Tot Ion:114 Resp: 430840

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

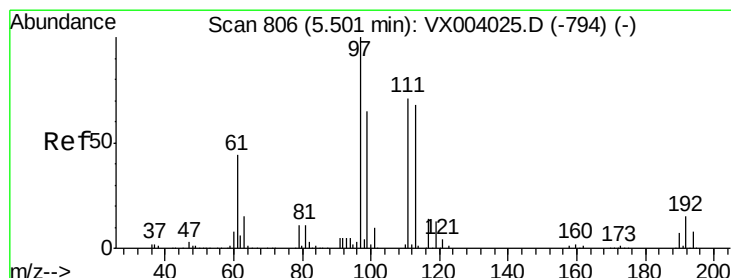
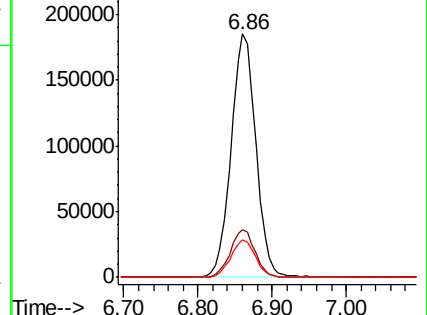
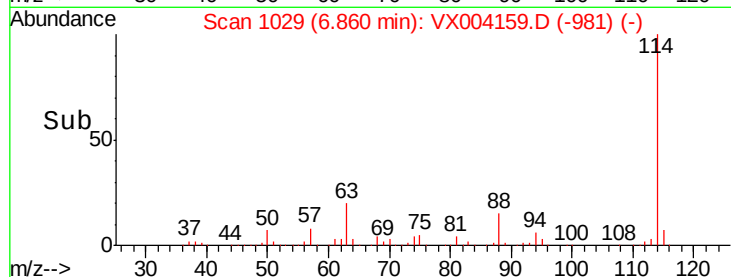
88 15.3 0.0 32.0



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: 51.60 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

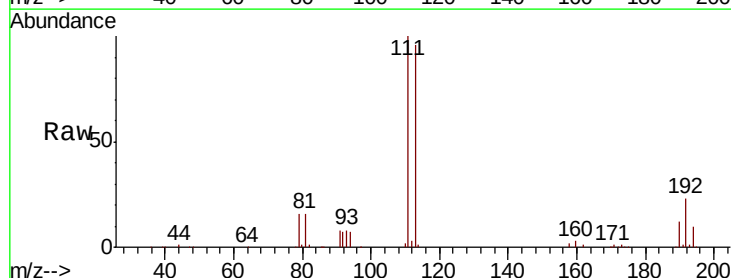
Tgt Ion:113 Resp: 166395

Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

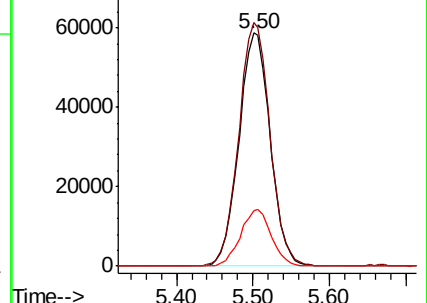
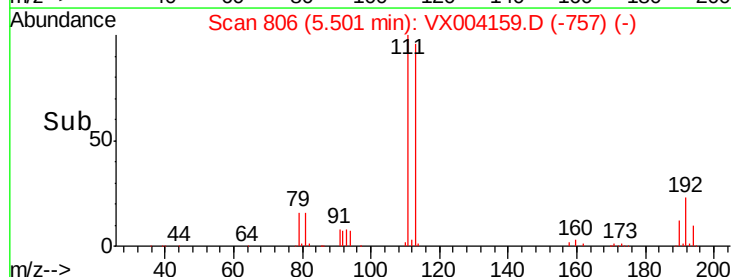
192 23.9 19.0 28.4

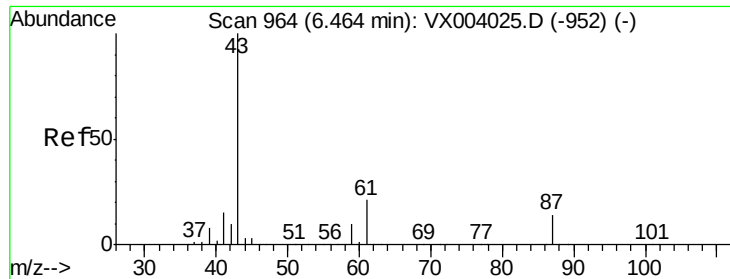


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



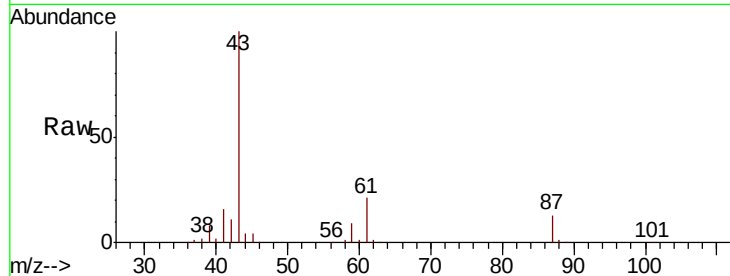


#43

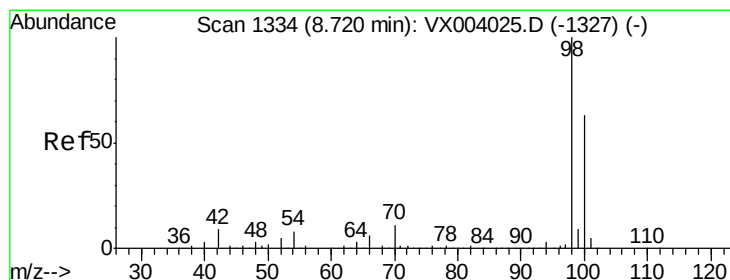
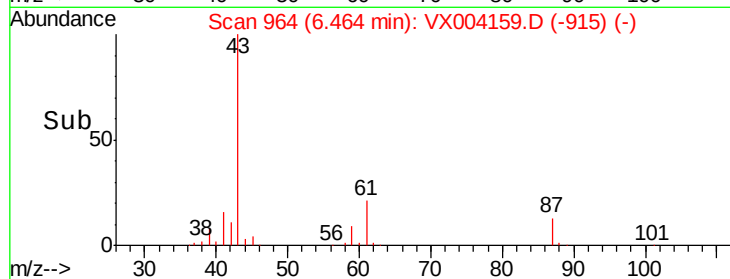
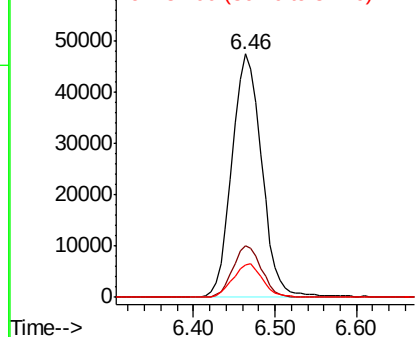
Isopropyl Acetate
 Concen: 15.26 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

Tot Ion	43	61	87	Resp	120105	Lower	Upper
Ion	43	61	87	Ratio	100	16.9	25.3
						11.3	16.9



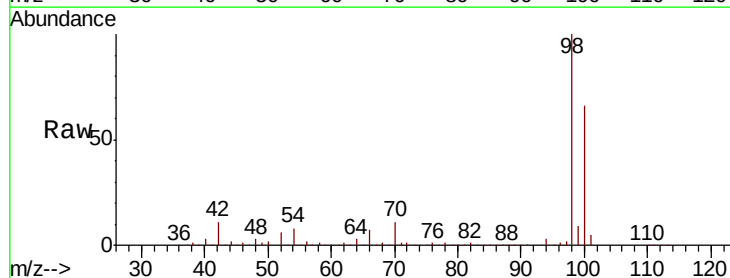
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



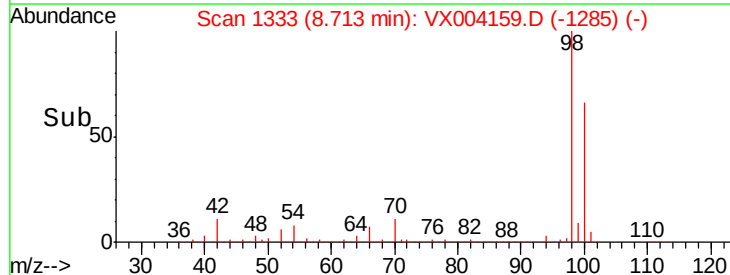
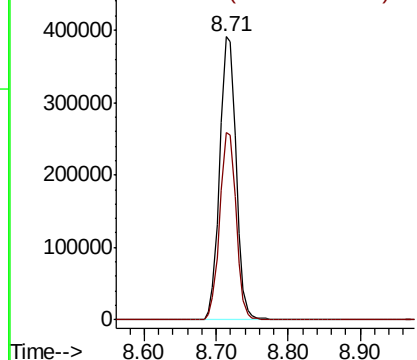
#50

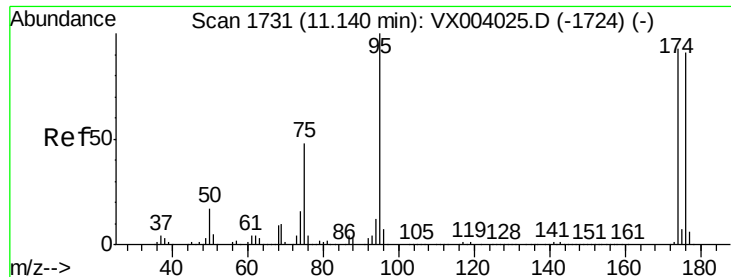
Toluene-d8
 Concen: 47.20 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Tgt Ion	98	100	Resp	617071	Lower	Upper
Ion	98	100	Ratio	100	53.3	79.9



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

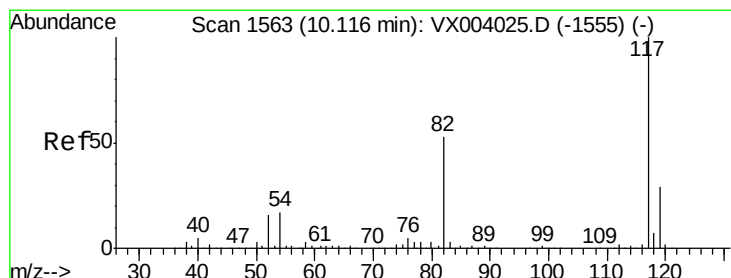
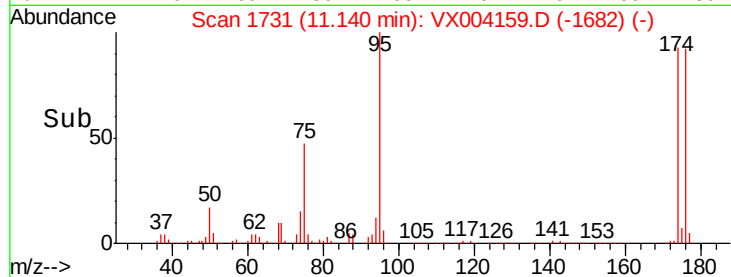
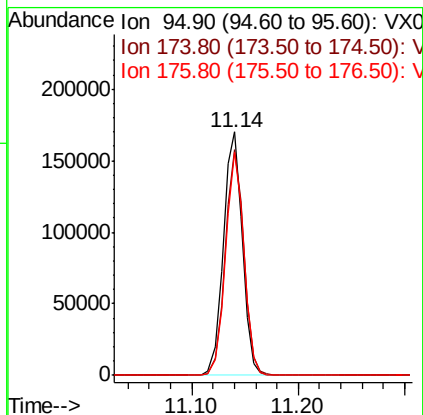
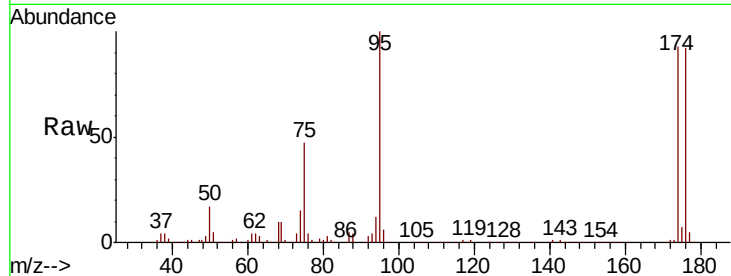




#62
4-Bromofluorobenzene
Concen: 44.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

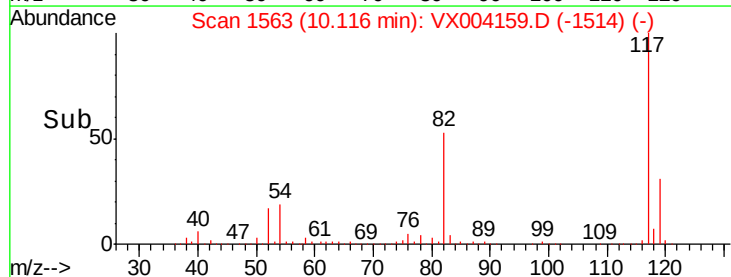
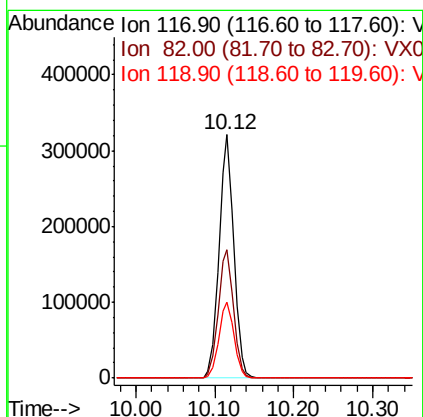
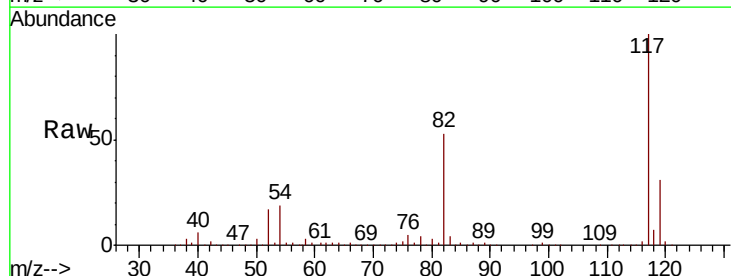
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

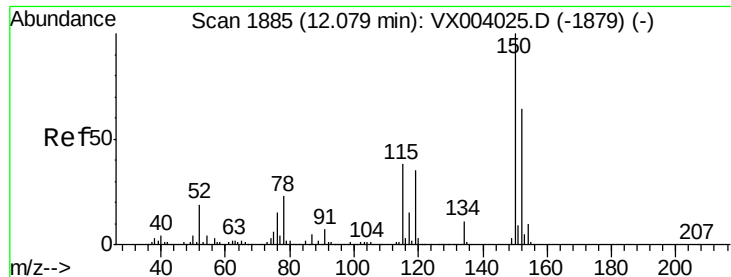
Tot Ion: 95 Resp: 212031
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.8
176 89.1 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 117 Resp: 419209
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.0
119 31.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

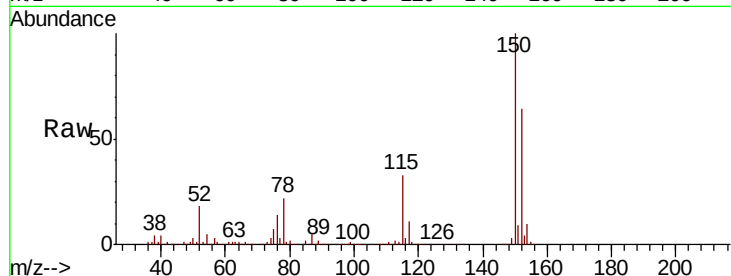
Tot Ion:152 Resp: 228155

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.3

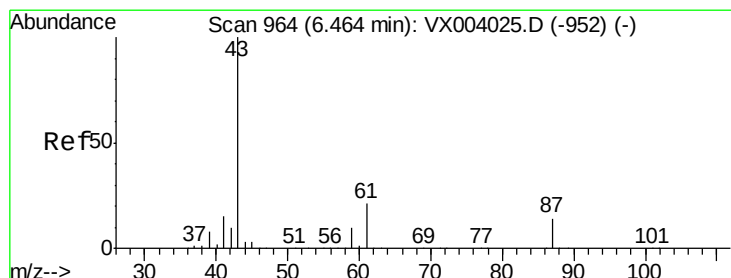
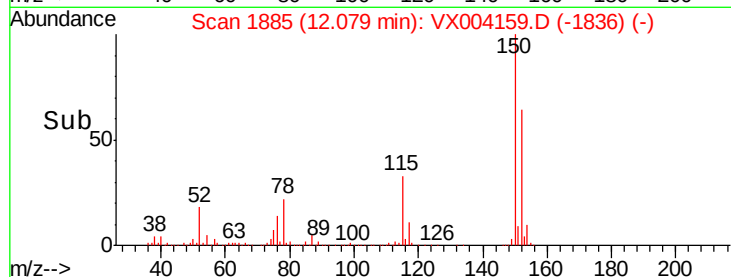
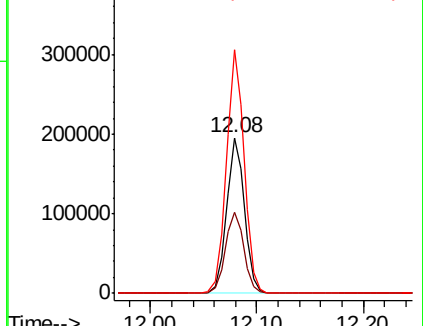
150 156.0 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 16.54 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Tgt Ion: 43 Resp: 120105

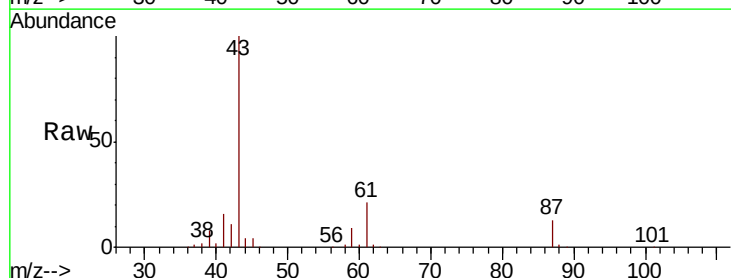
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.5 16.9 25.3

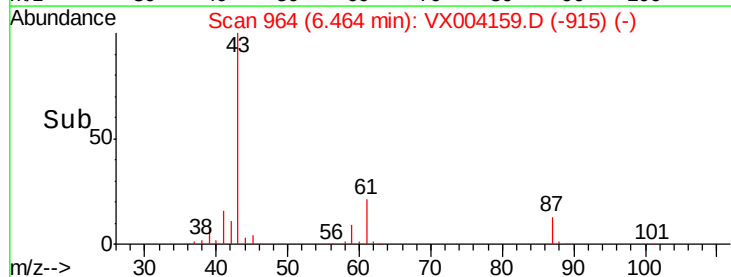
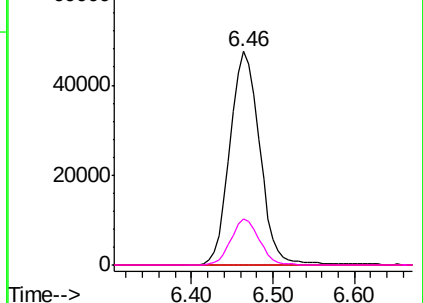


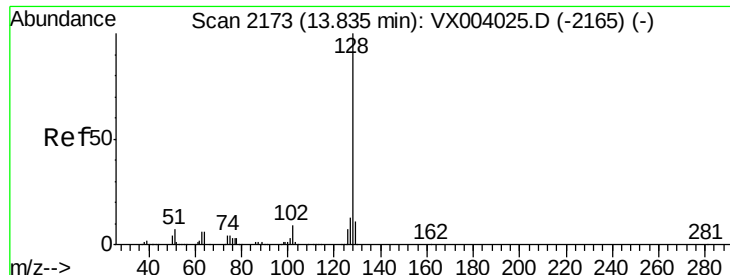
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

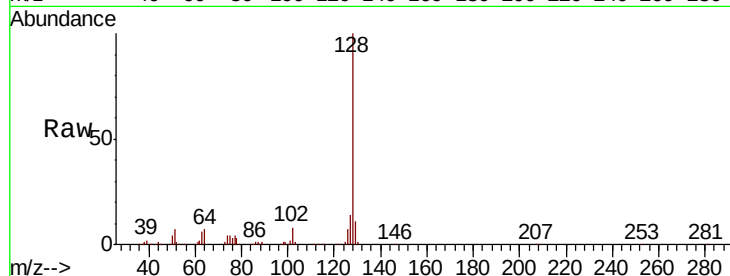




#95
Naphthalene
Concen: 5.77 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.8	13.2



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

