

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004162.D
 Acq On : 20 Aug 2018 19:21
 Operator : JC/MD
 Sample : J4277-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-B

Quant Time: Aug 21 02:12:08 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

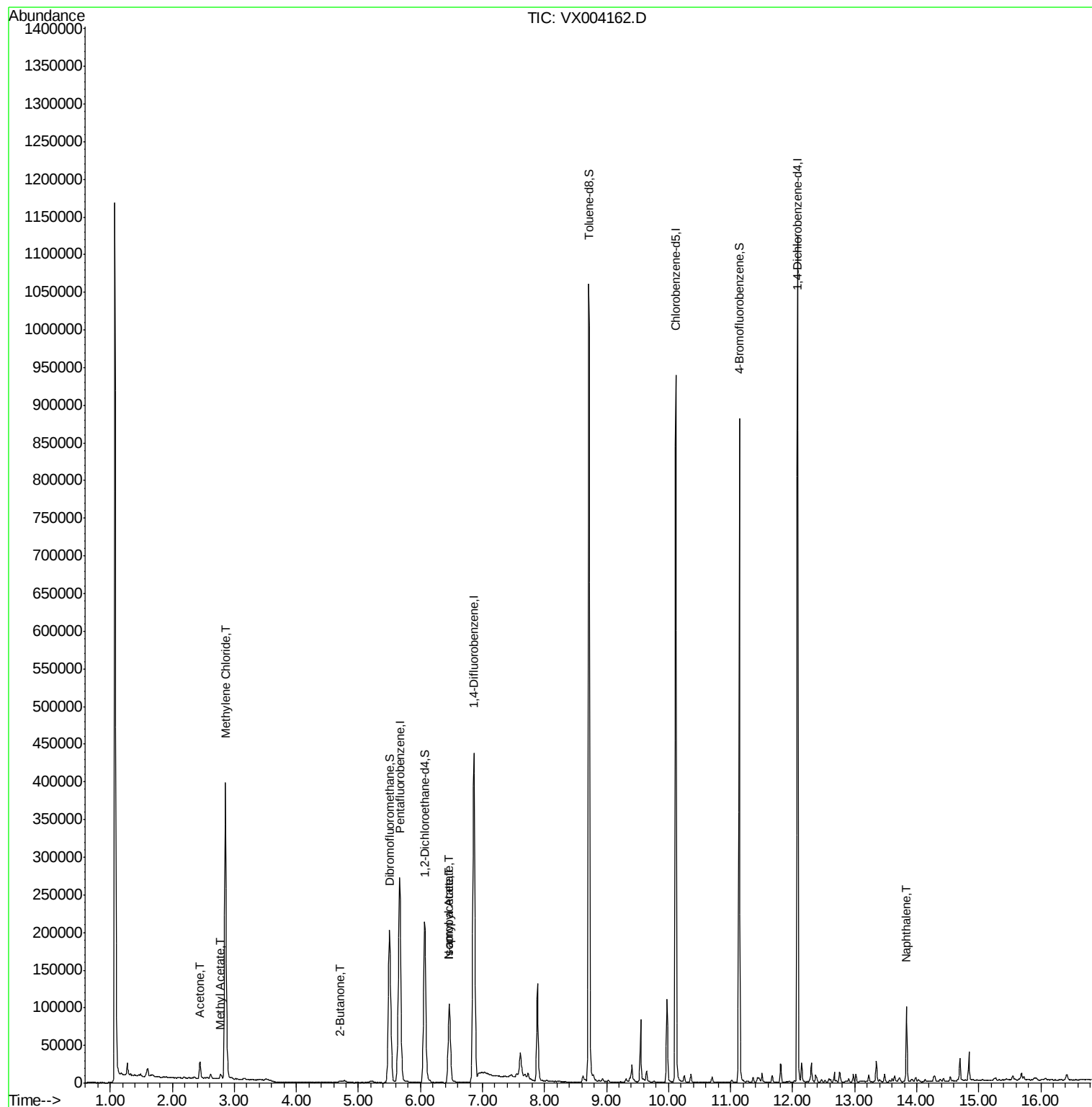
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198126	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	5.51	113	170675	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	8.71	98	639222	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	219641	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
16) Acetone	2.45	43	24610	12.07	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	8004	1.77	ug/l	96
20) Methylene Chloride	2.85	84	183855	55.23	ug/l	98
25) 2-Butanone	4.71	43	3880	1.17	ug/l	90
43) Isopropyl Acetate	6.46	43	136405	16.80	ug/l	100
74) N-amyl acetate	6.46	43	136405	18.32	ug/l #	100
95) Naphthalene	13.83	128	61394	4.81	ug/l	98

(#) = 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: VX004162.D

Acq: 20 Aug 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

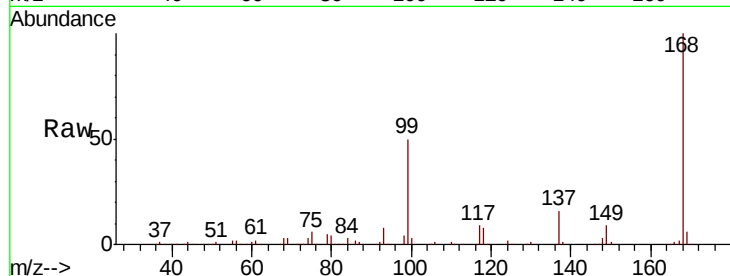
OR-03-081718-B

Tot Ion:168 Resp: 278375

Ion Ratio Lower Upper

168 100

99 50.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

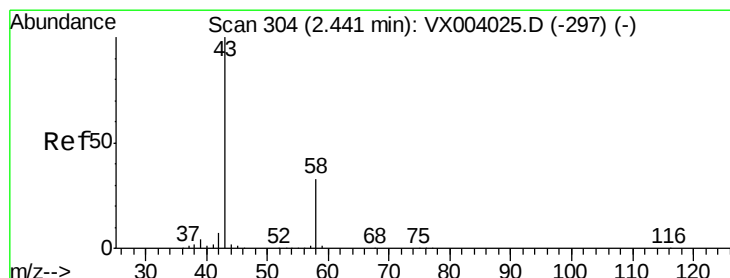
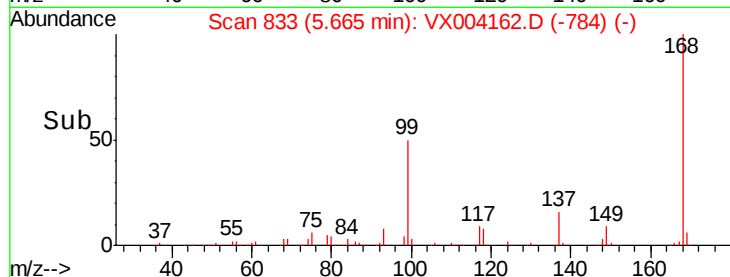
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004162.D

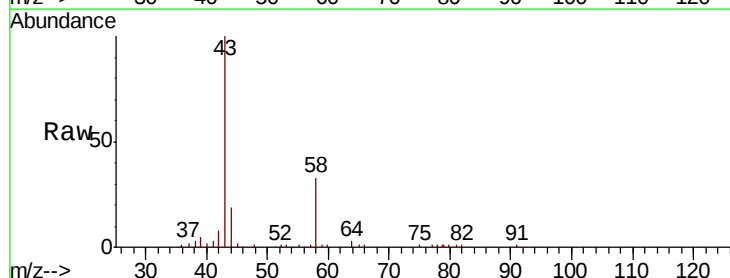
Acq: 20 Aug 2018 19:21

Tgt Ion: 43 Resp: 24610

Ion Ratio Lower Upper

43 100

58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

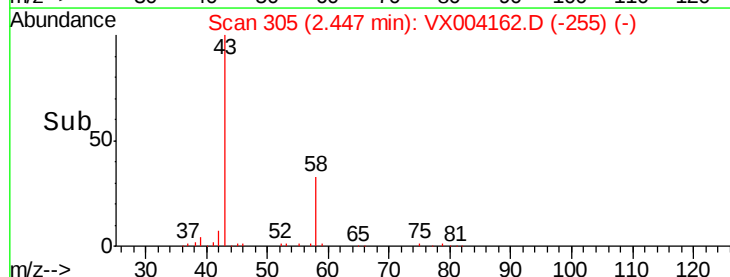
15000

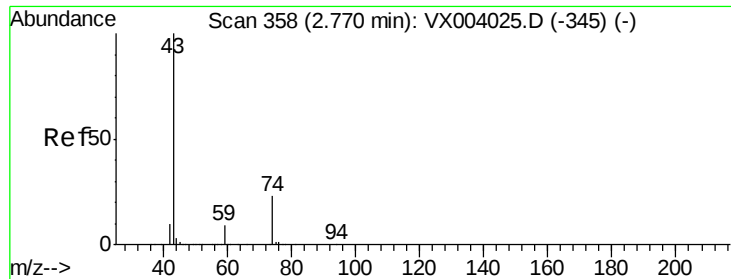
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

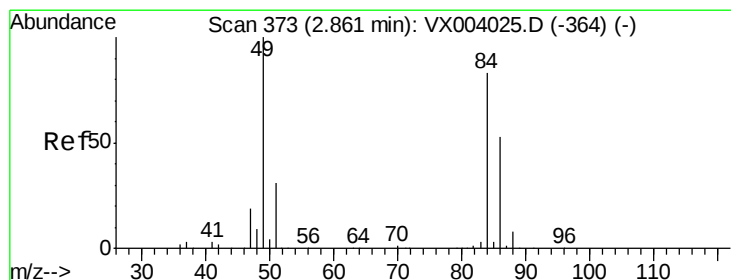
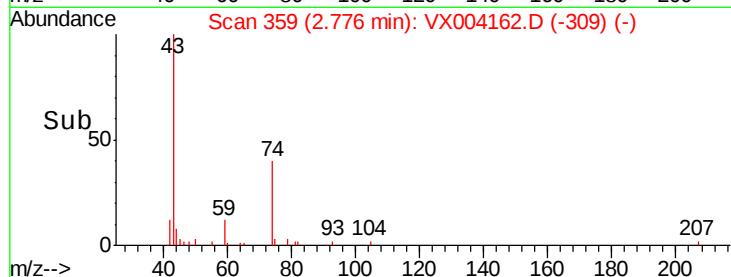
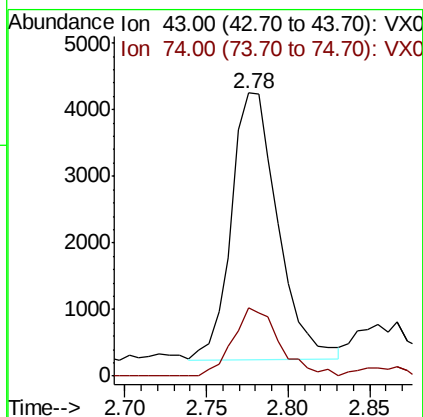
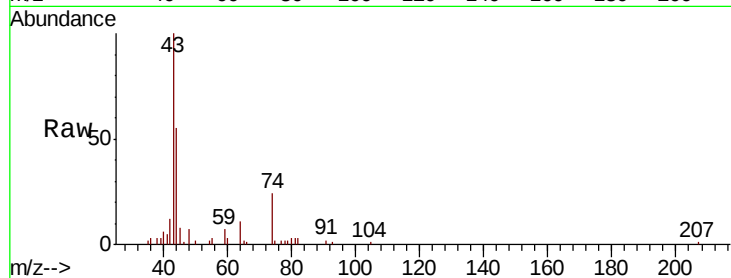




#18
Methvl Acetate
Concen: 1.77 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004162.D
Acq: 20 Aug 2018 19:21

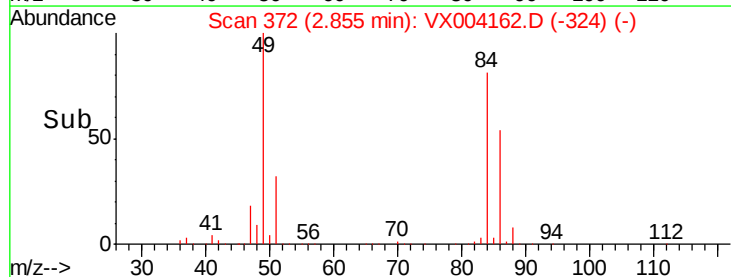
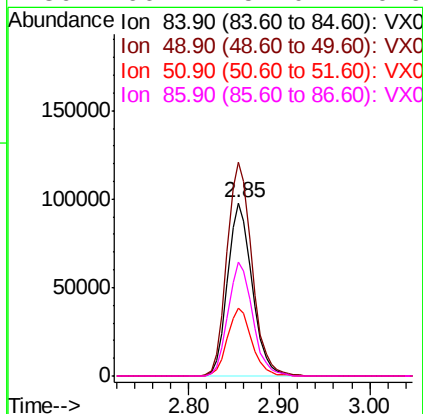
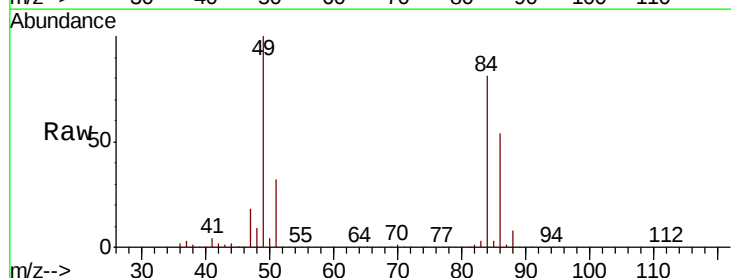
Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-B

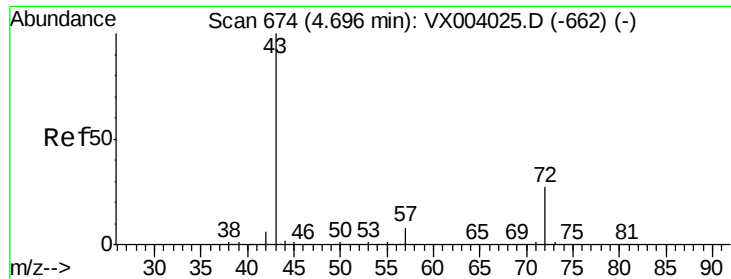
Tot Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
74 25.7 18.9 28.3



#20
Methylene Chloride
Concen: 55.23 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004162.D
Acq: 20 Aug 2018 19:21

Tgt Ion: 84 Resp: 183855
Ion Ratio Lower Upper
84 100
49 123.5 98.9 148.3
51 39.4 29.9 44.9
86 66.2 51.0 76.6





#25

2-Butanone

Concen: 1.17 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004162.D

Acq: 20 Aug 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

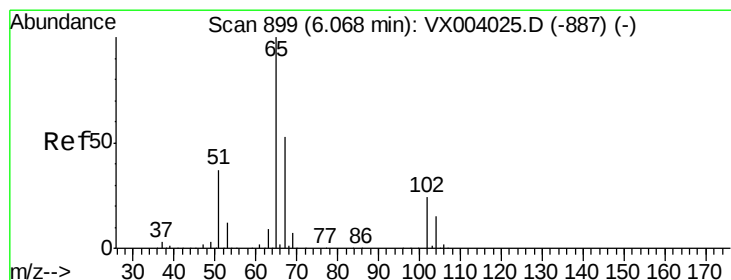
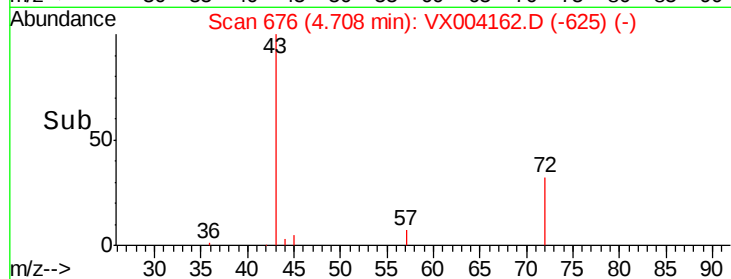
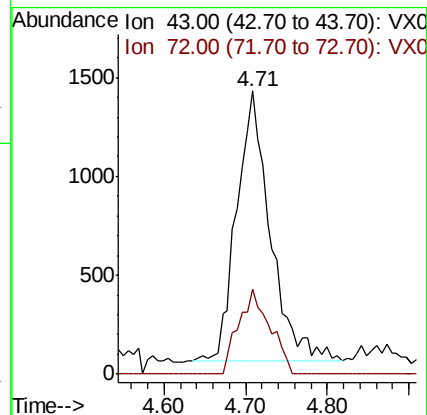
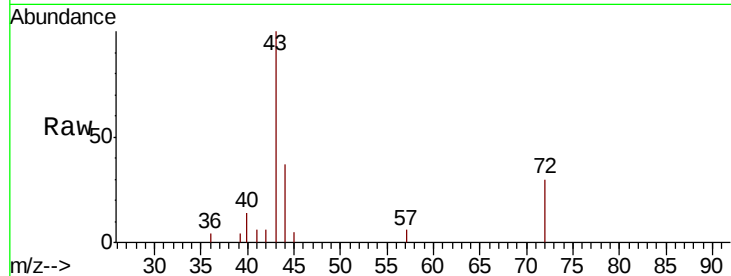
OR-03-081718-B

Tot Ion: 43 Resp: 3880

Ion Ratio Lower Upper

43 100

72 31.6 21.4 32.0



#33

1,2-Dichloroethane-d4

Concen: 50.51 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004162.D

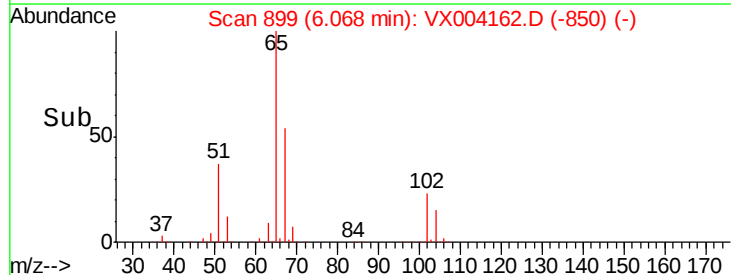
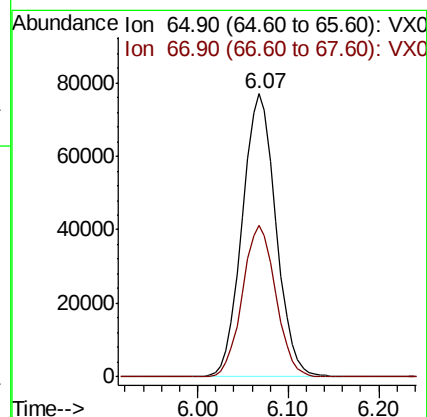
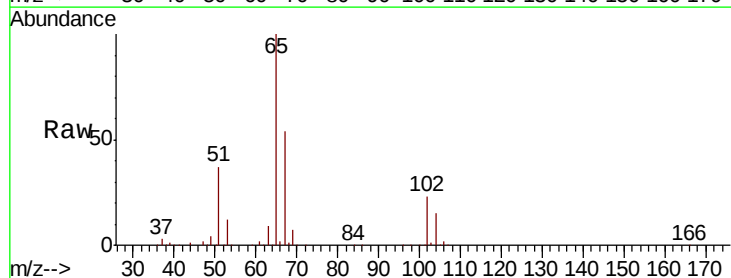
Acq: 20 Aug 2018 19:21

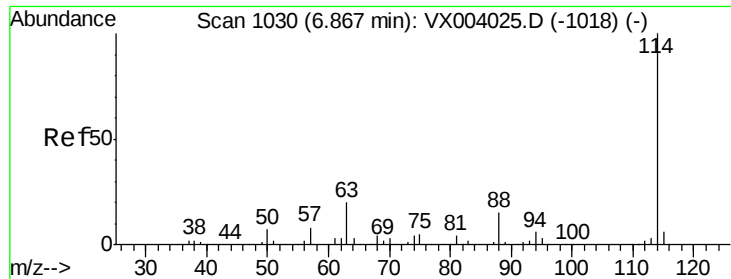
Tgt Ion: 65 Resp: 198126

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8

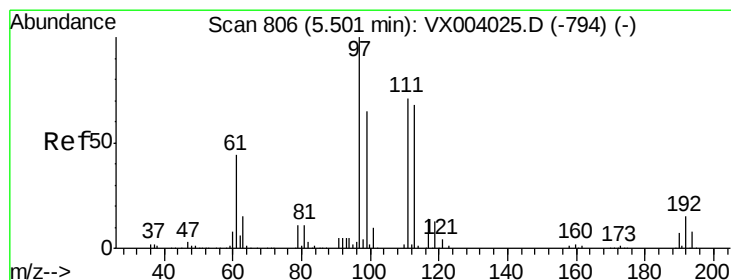
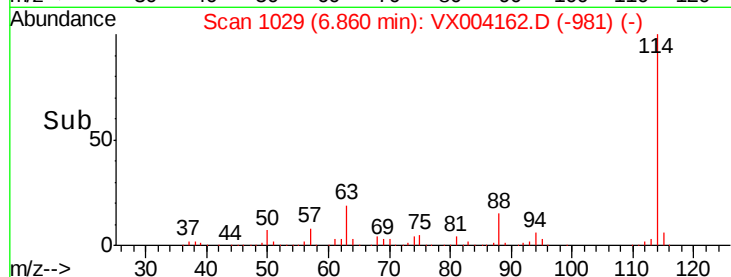
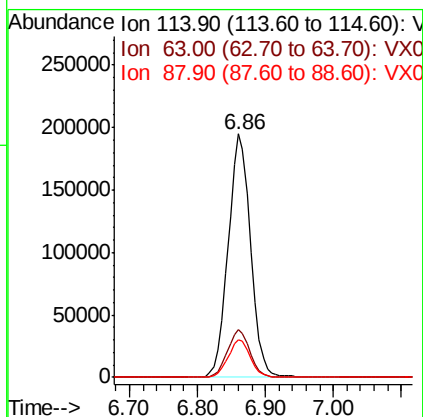
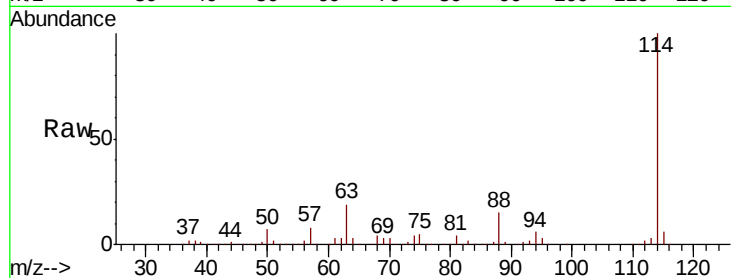




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

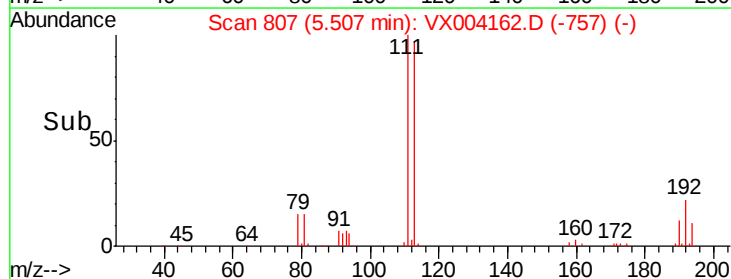
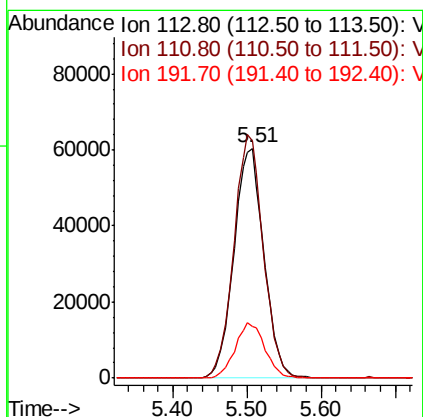
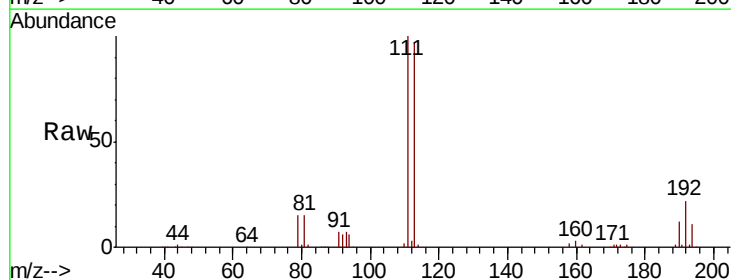
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-B

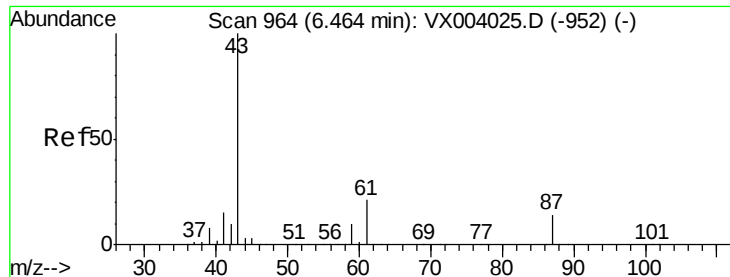
Tot Ion:114 Resp: 444403
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.3 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.32 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

Tgt Ion:113 Resp: 170675
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.0 123.0
 192 23.9 19.0 28.4



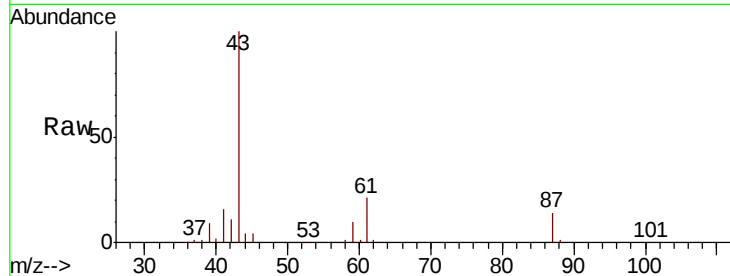


#43

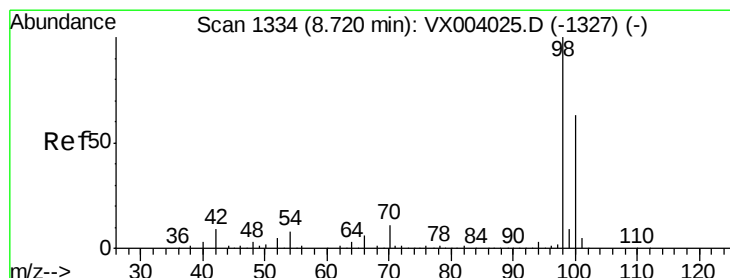
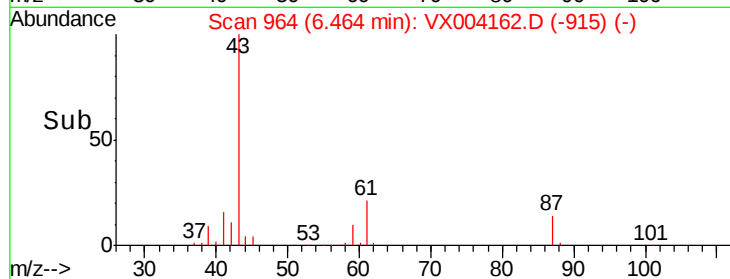
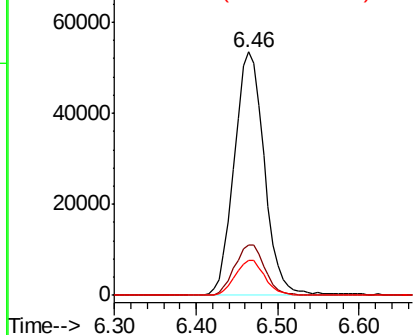
Isopropyl Acetate
 Concen: 16.80 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleID :
 OR-03-081718-B

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.9	25.3
87	14.2	11.3	16.9



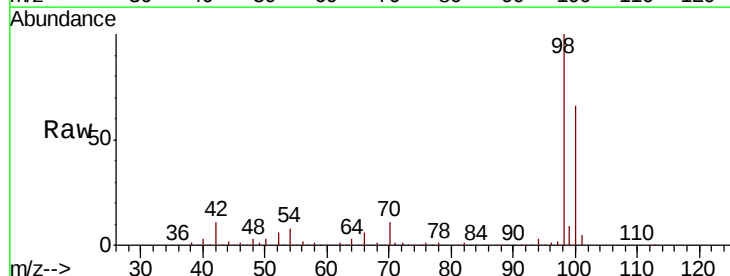
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



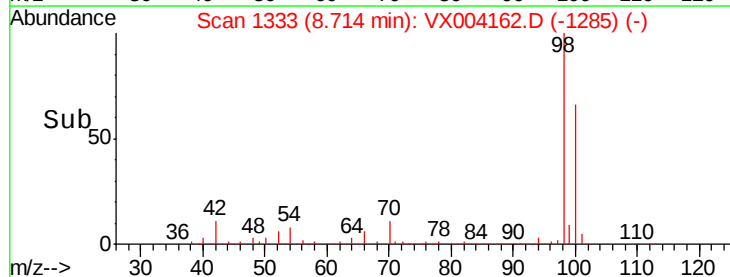
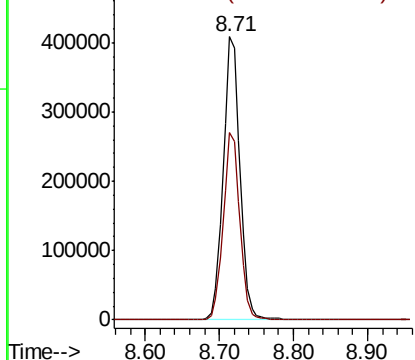
#50

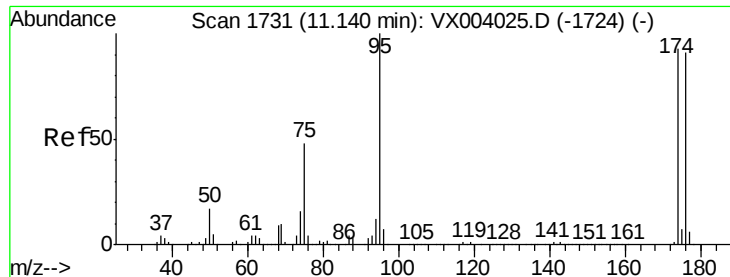
Toluene-d8
 Concen: 47.40 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.3	79.9



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

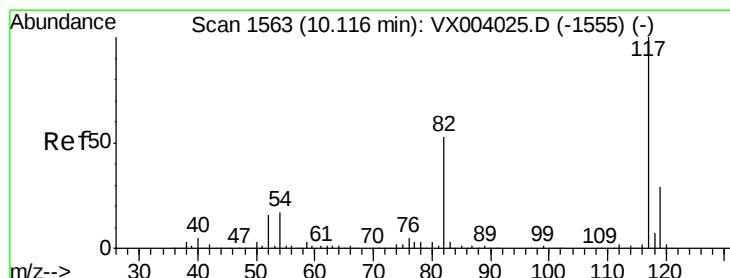
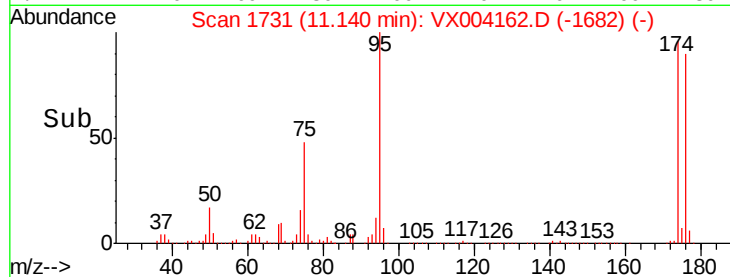
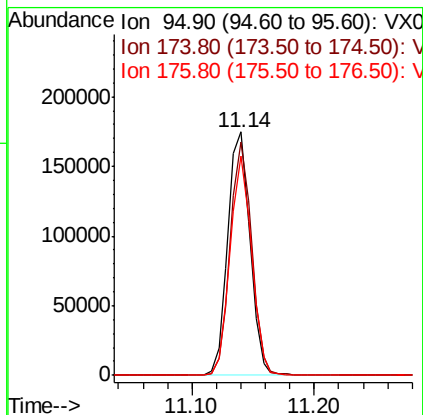
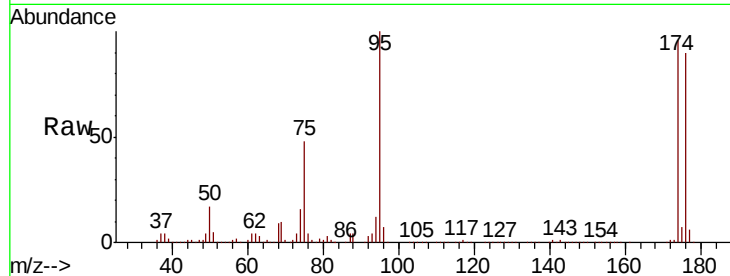




#62
 4-Bromofluorobenzene
 Concen: 44.91 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

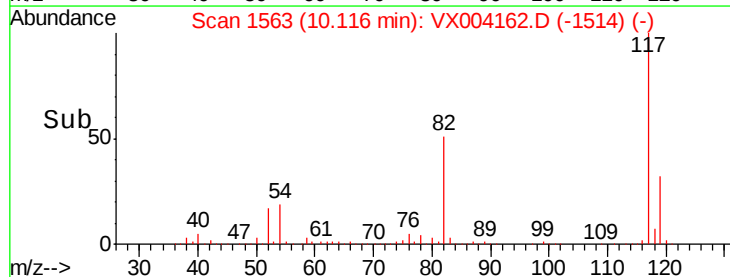
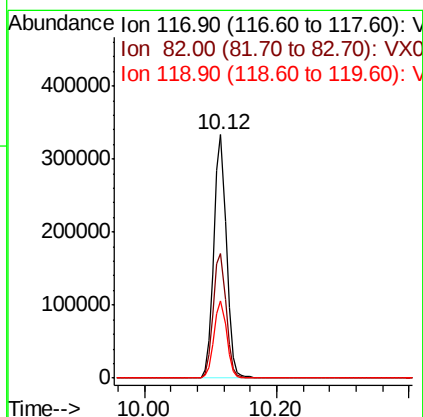
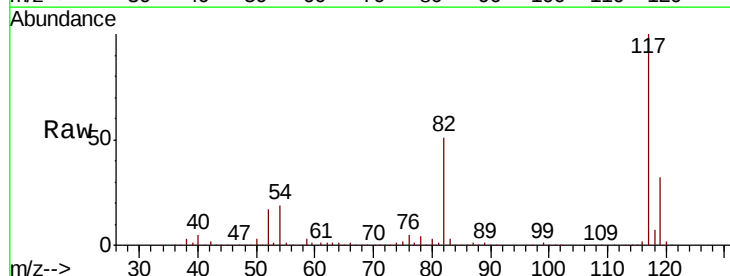
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-B

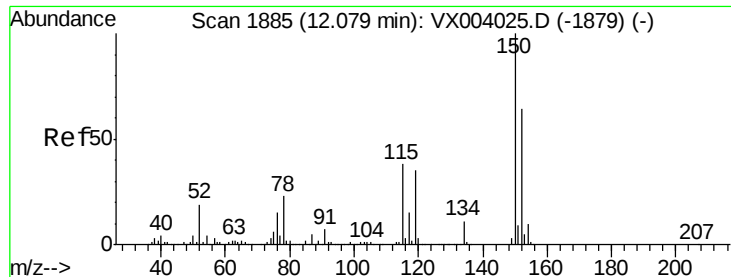
Tot Ion	95	Resp	219641
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	182.8
176	87.2	0.0	179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004162.D
 Acq: 20 Aug 2018 19:21

Tgt Ion	117	Resp	433831
Ion Ratio	Lower	Upper	
117	100		
82	51.3	45.4	68.0
119	31.7	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: VX004162.D

Acq: 20 Aug 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-B

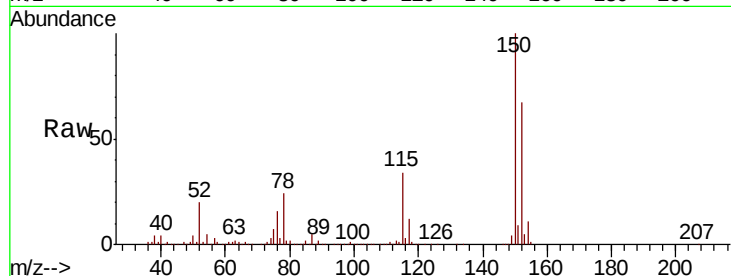
Tot Ion:152 Resp: 233950

Ion Ratio Lower Upper

152 100

115 53.9 39.1 117.3

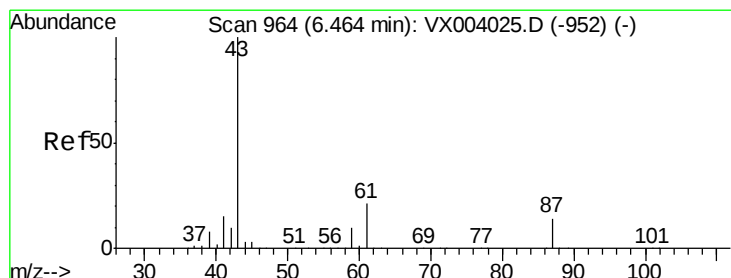
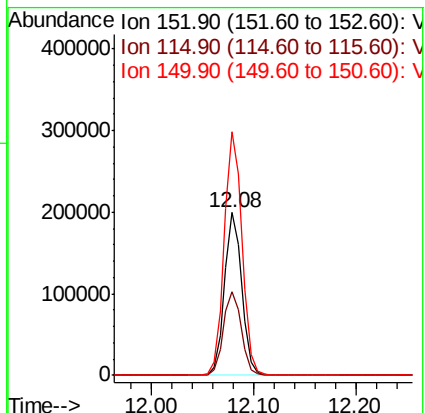
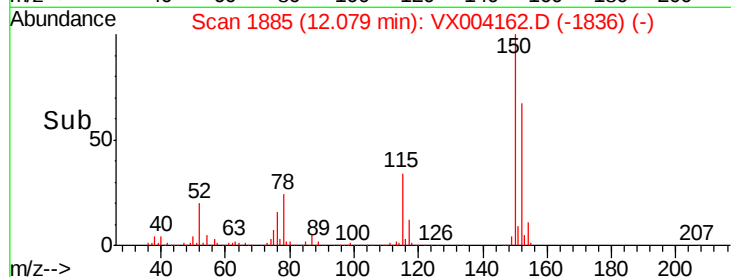
150 154.2 0.0 349.2



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: 18.32 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004162.D

Acq: 20 Aug 2018 19:21

Tgt Ion: 43 Resp: 136405

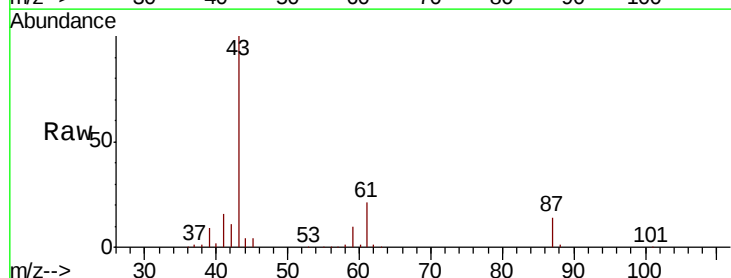
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.9 16.9 25.3

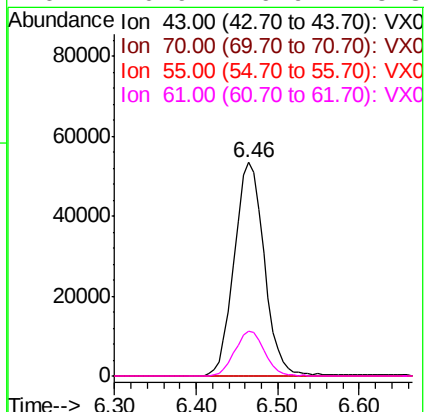
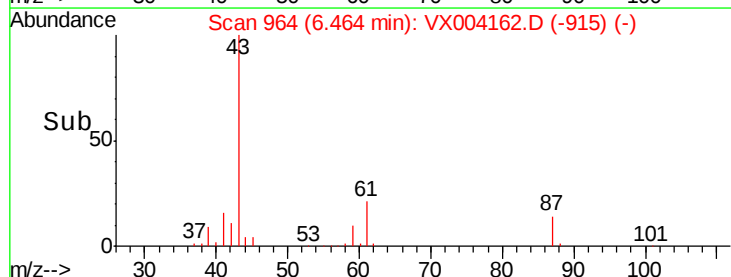


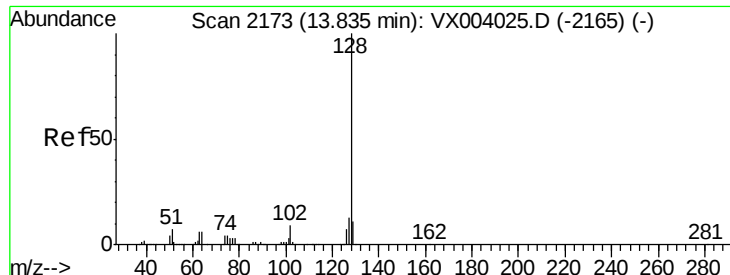
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

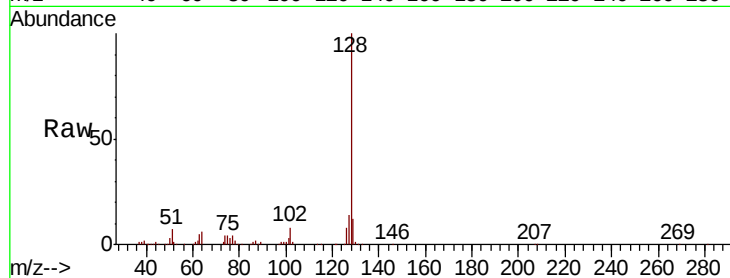




#95
Naphthalene
Concen: 4.81 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004162.D
Acq: 20 Aug 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	11.6	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

