

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004158.D
 Acq On : 20 Aug 2018 17:35
 Operator : JC/MD
 Sample : PB112183ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112183ZHE#05

Quant Time: Aug 21 02:04:12 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	5.66	168	277713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242335	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	200365	51.21	ug/l	0.00
Spiked Amount						
			Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	170955	50.75	ug/l	0.00
Spiked Amount						
			Recovery	=	101.50%	
50) Toluene-d8	8.71	98	650734	47.64	ug/l	0.00
Spiked Amount						
			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.14	95	224657	45.35	ug/l	0.00
Spiked Amount						
			Recovery	=	90.70%	

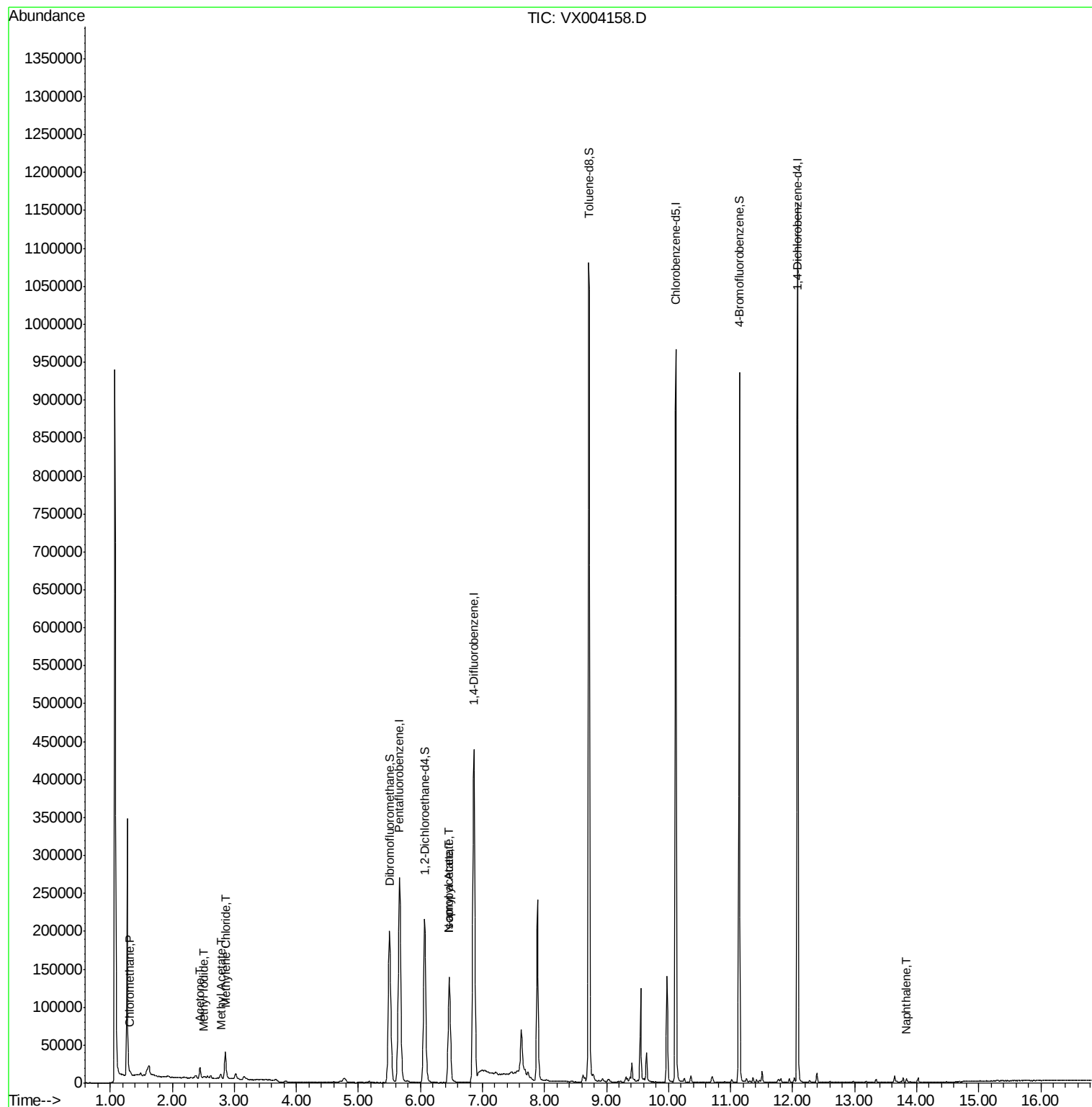
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3400	1.02	ug/l	100
10) Methyl Iodide	2.51	142	2795	5.76	ug/l	95
16) Acetone	2.45	43	15099	7.42	ug/l	95
18) Methyl Acetate	2.78	43	6573	1.45	ug/l	93
20) Methylene Chloride	2.86	84	15948	4.24	ug/l	96
43) Isopropyl Acetate	6.46	43	177702	21.61	ug/l	99
74) N-amyl acetate	6.46	43	177702	23.04	ug/l #	99
95) Naphthalene	13.83	128	2742	1.30	ug/l #	92

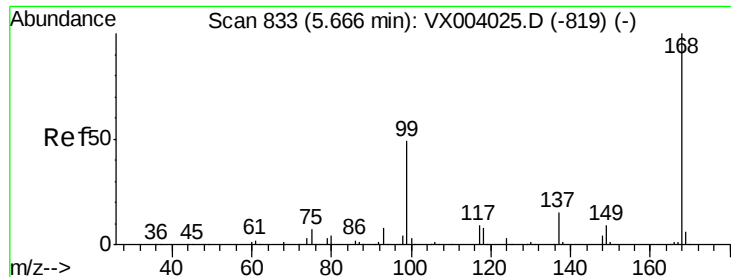
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

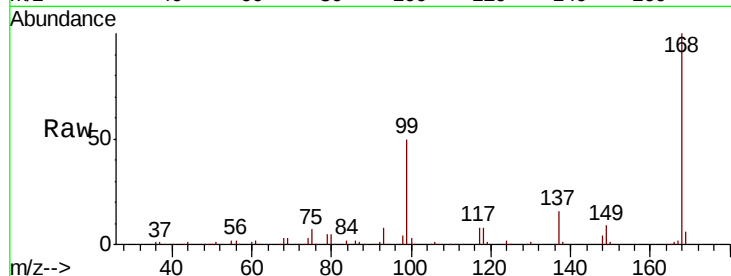
PB112183ZHE#05

Tot Ion:168 Resp: 277713

Ion Ratio Lower Upper

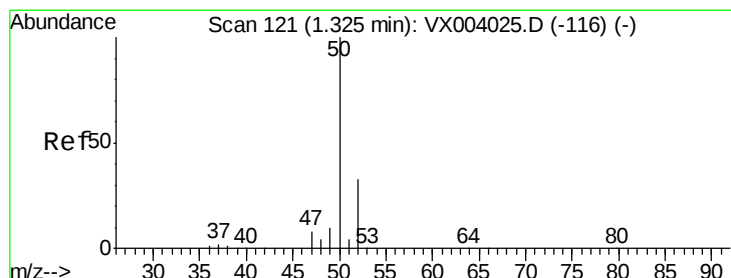
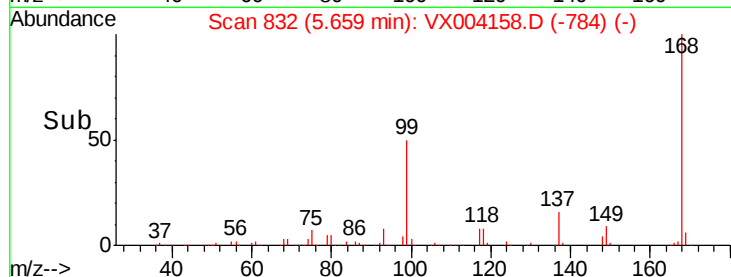
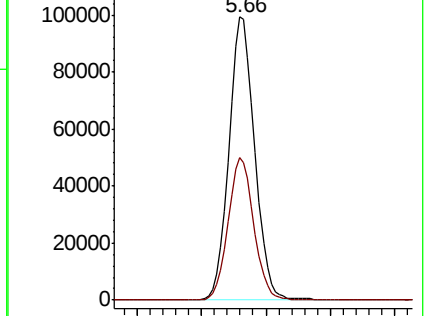
168 100

99 50.2 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: 1.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004158.D

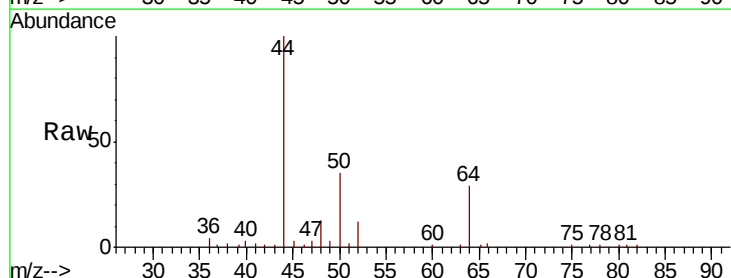
Acq: 20 Aug 2018 17:35

Tgt Ion: 50 Resp: 3400

Ion Ratio Lower Upper

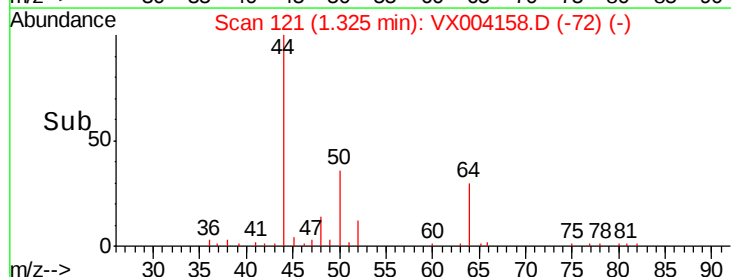
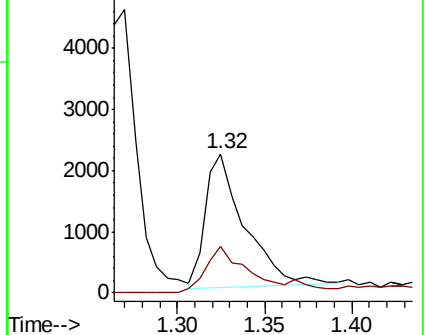
50 100

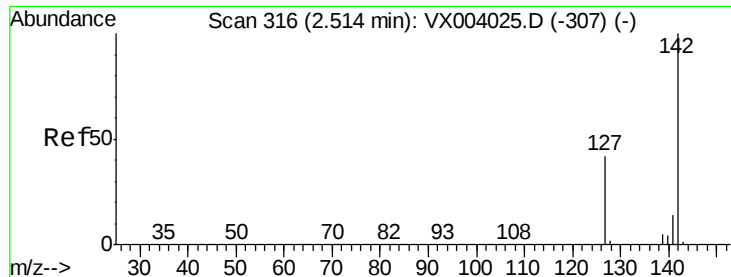
52 33.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

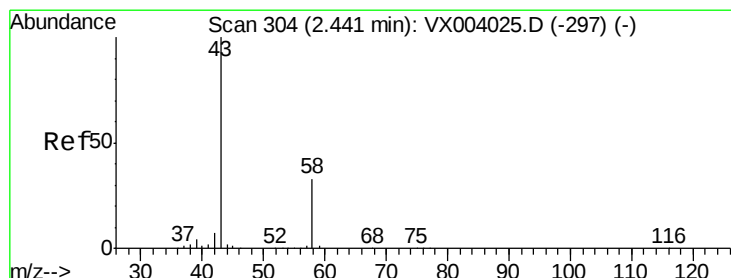
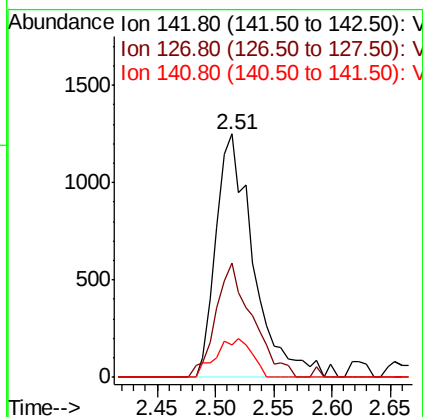
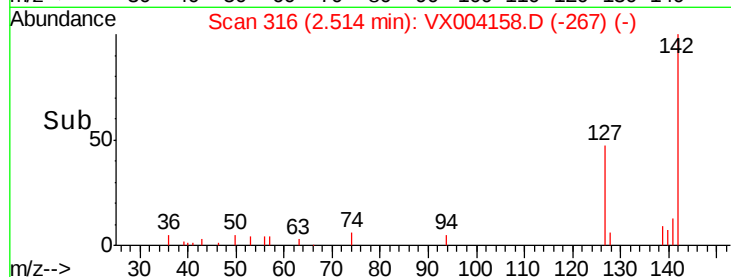
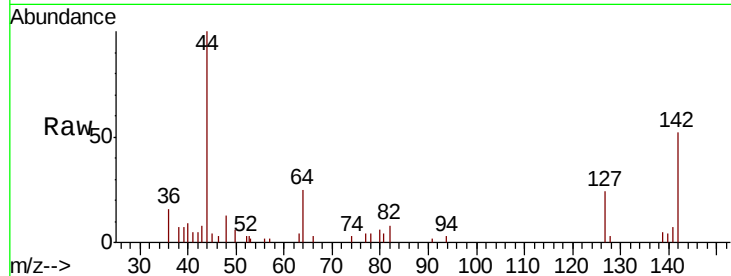




#10
Methvl Iodide
Concen: 5.76 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004158.D
Acq: 20 Aug 2018 17:35

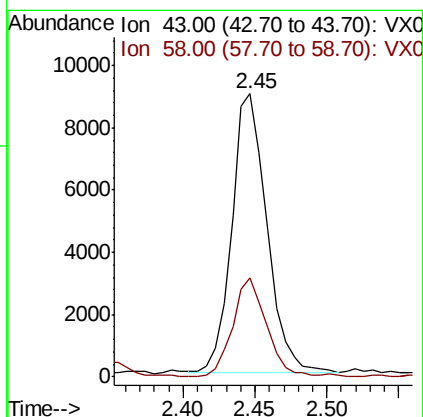
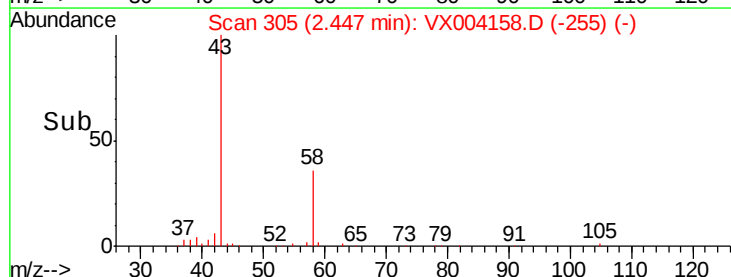
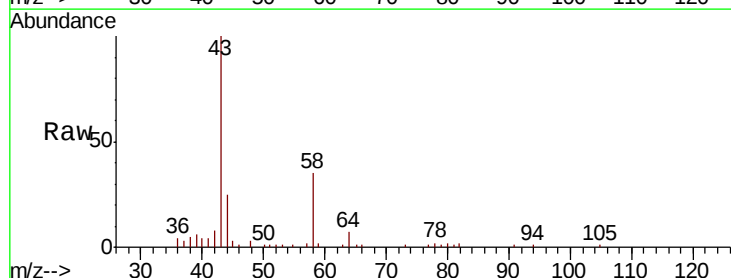
Instrument :
MSVOA_X
ClientSampleId :
PB112183ZHE#05

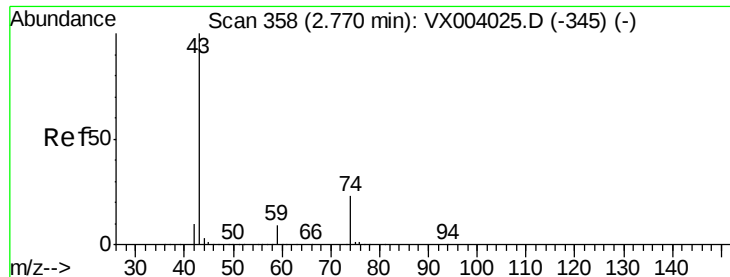
Tot Ion:142 Resp: 2795
Ion Ratio Lower Upper
142 100
127 45.3 33.1 49.7
141 15.0 11.1 16.7



#16
Acetone
Concen: 7.42 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.01 min
Lab File: VX004158.D
Acq: 20 Aug 2018 17:35

Tgt Ion: 43 Resp: 15099
Ion Ratio Lower Upper
43 100
58 35.8 26.4 39.6





#18

Methyl Acetate

Concen: 1.45 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.01 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

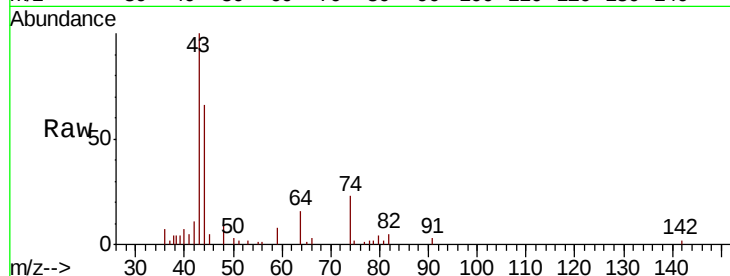
PB112183ZHE#05

Tot Ion: 43 Resp: 6573

Ion Ratio Lower Upper

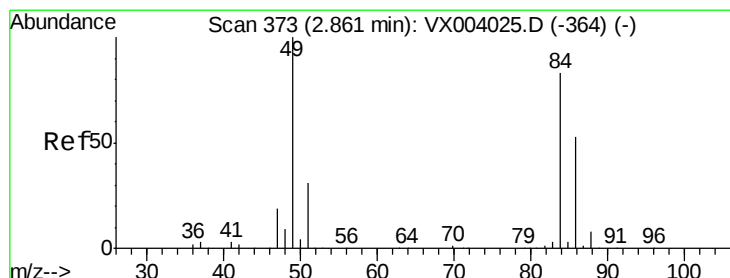
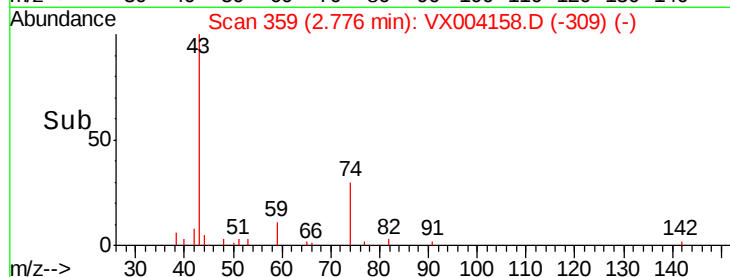
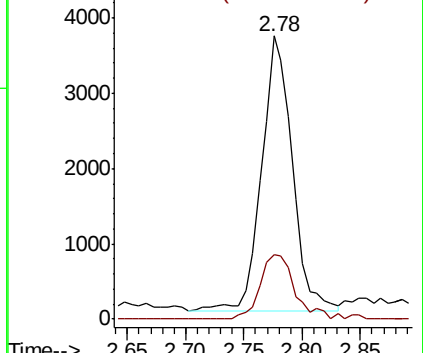
43 100

74 26.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 4.24 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Tgt Ion: 84 Resp: 15948

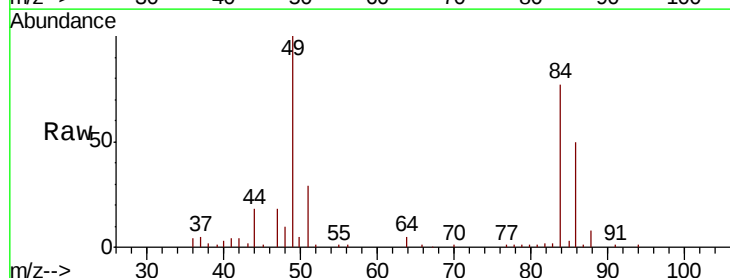
Ion Ratio Lower Upper

84 100

49 130.3 98.9 148.3

51 37.3 29.9 44.9

86 64.9 51.0 76.6

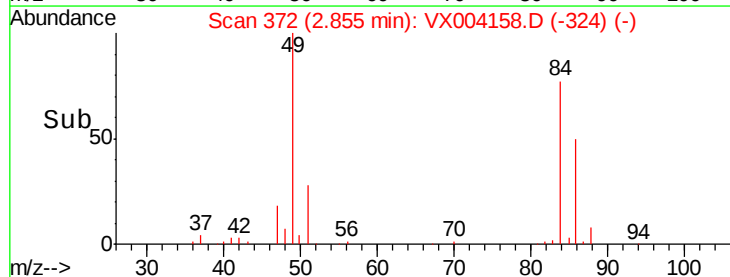
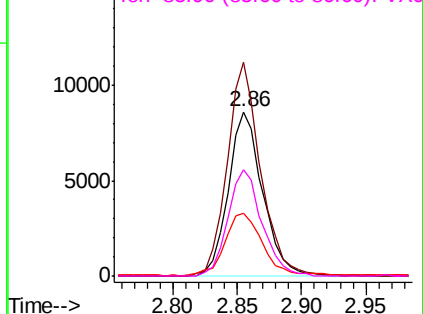


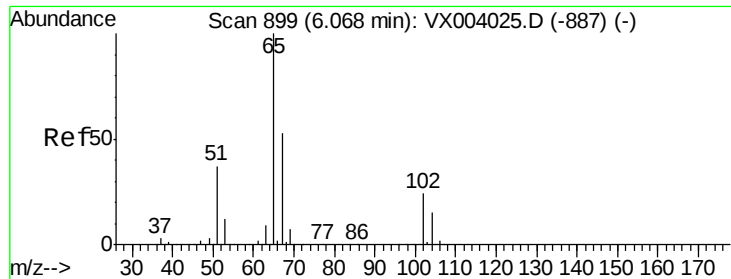
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

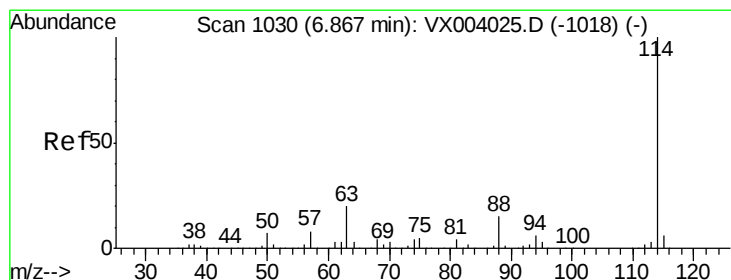
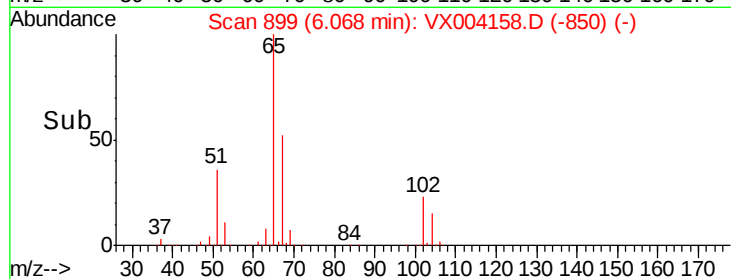
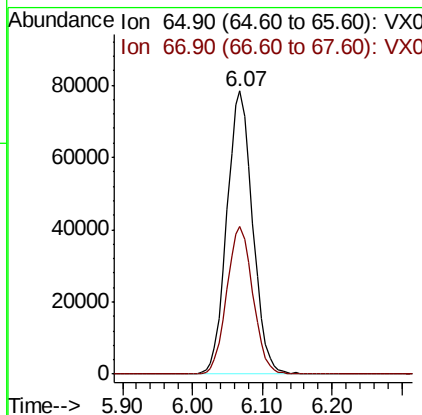
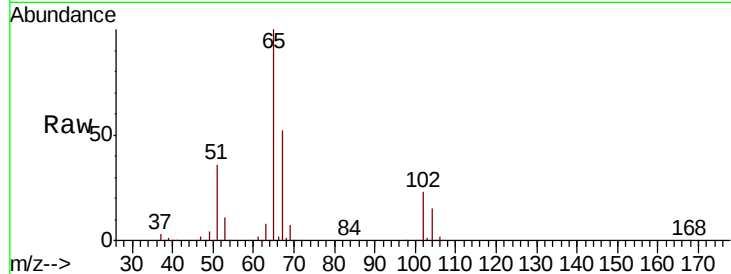




#33
 1,2-Dichloroethane-d4
 Concen: 51.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004158.D
 Acq: 20 Aug 2018 17:35

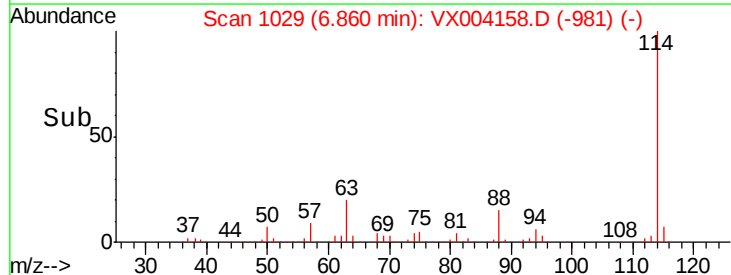
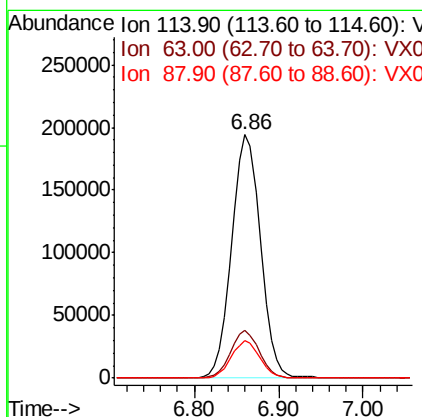
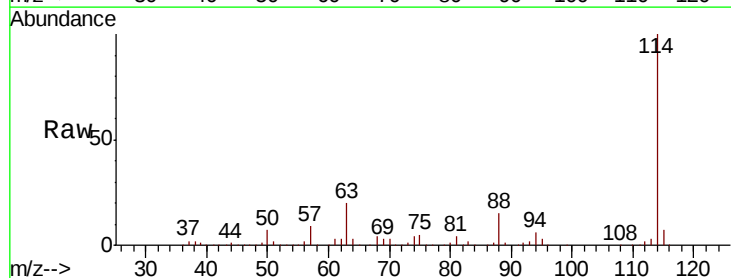
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112183ZHE#05

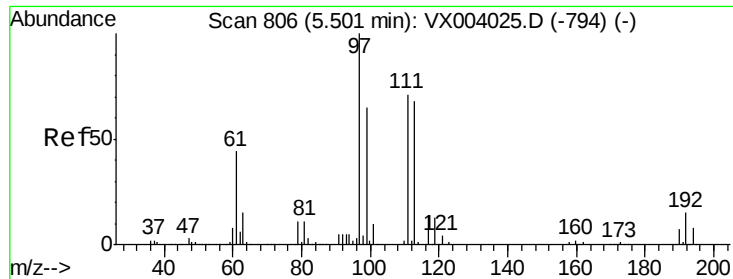
Tot Ion: 65 Resp: 200365
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004158.D
 Acq: 20 Aug 2018 17:35

Tgt Ion: 114 Resp: 450103
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 32.0

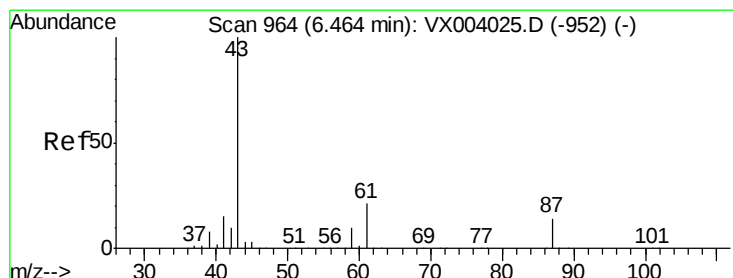
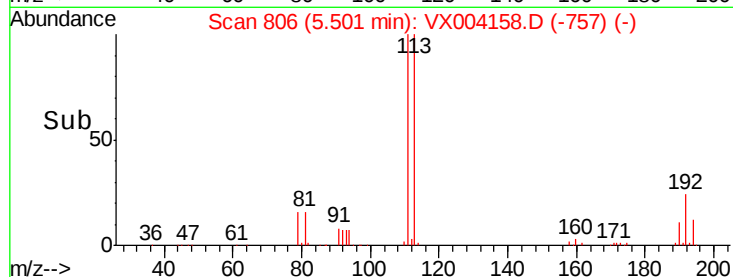
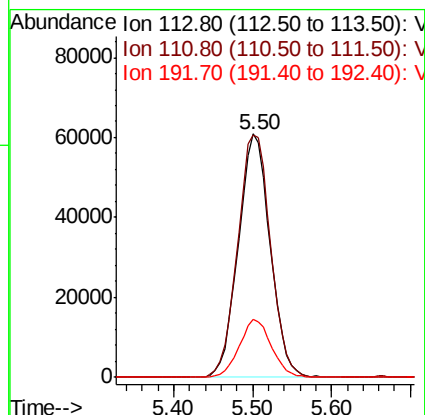
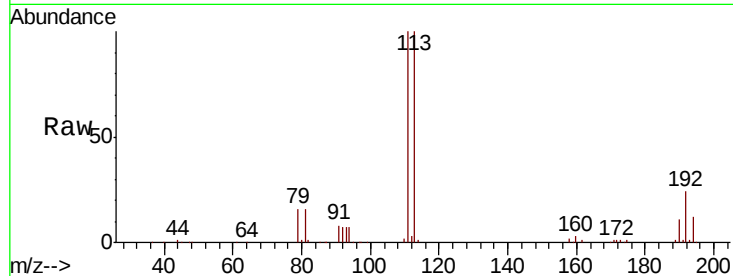




#35
 Dibromofluoromethane
 Concen: 50.75 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004158.D
 Acq: 20 Aug 2018 17:35

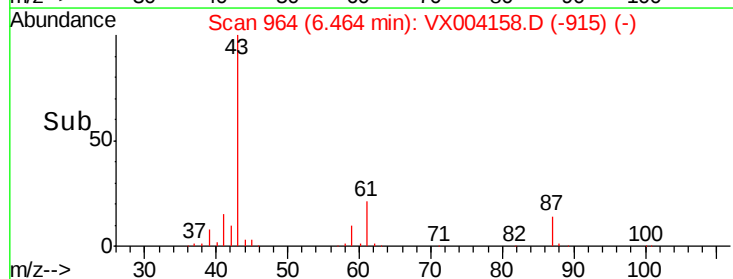
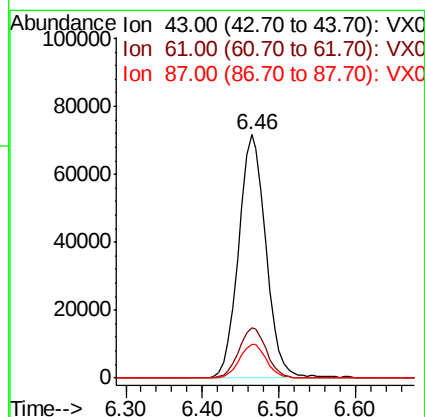
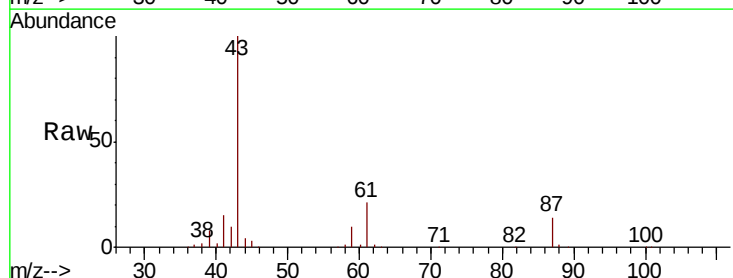
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112183ZHE#05

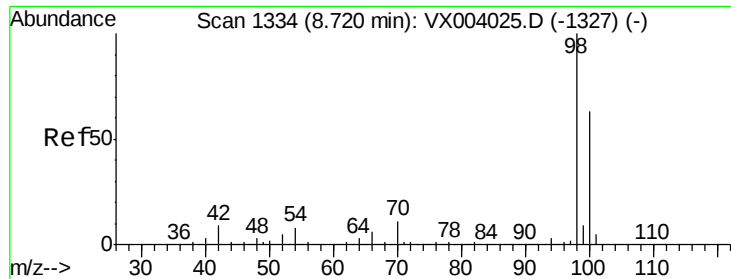
Tot Ion:113 Resp: 170955
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 23.9 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 21.61 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004158.D
 Acq: 20 Aug 2018 17:35

Tgt Ion: 43 Resp: 177702
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 13.7 11.3 16.9





#50

Toluene-d8

Concen: 47.64 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

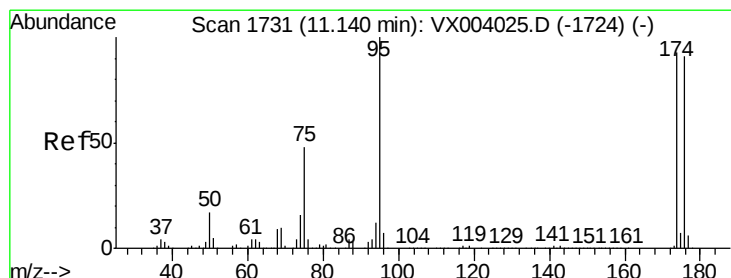
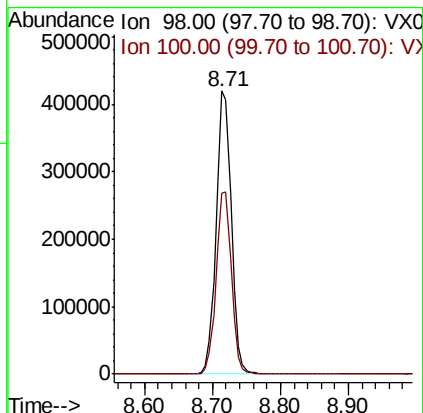
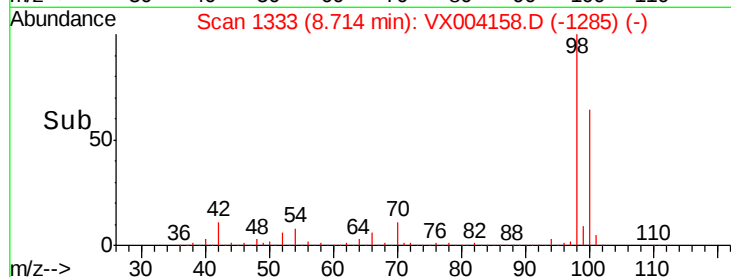
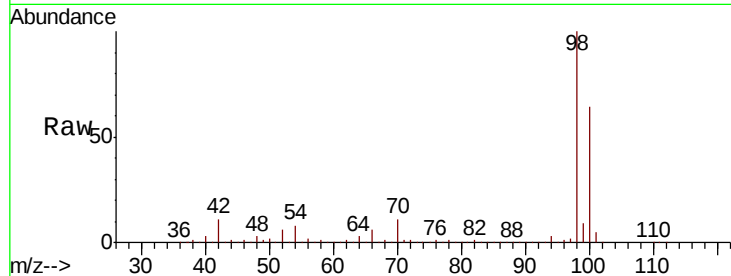
PB112183ZHE#05

Tot Ion: 98 Resp: 650734

Ion Ratio Lower Upper

98 100

100 64.8 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 45.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

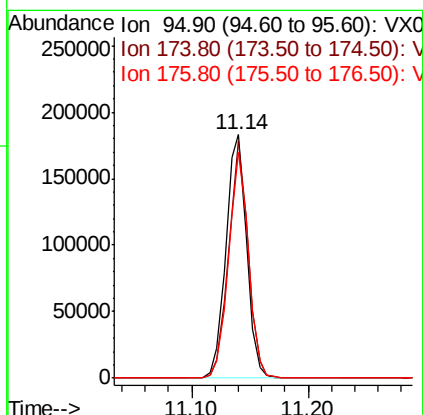
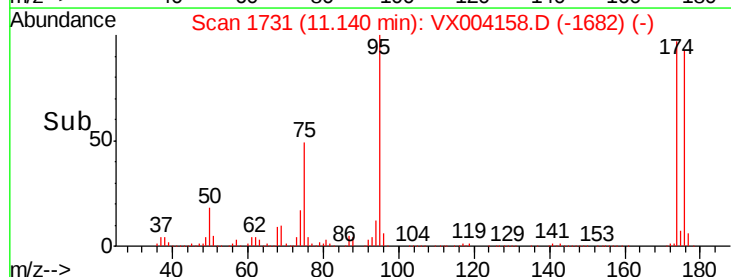
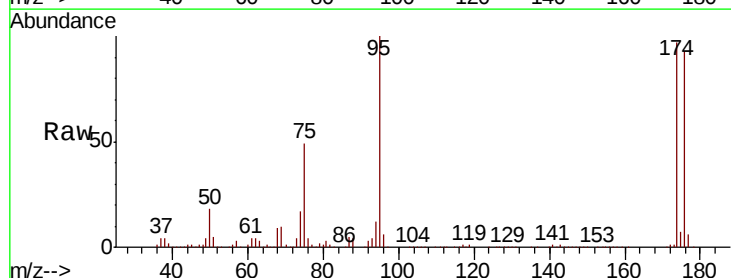
Tgt Ion: 95 Resp: 224657

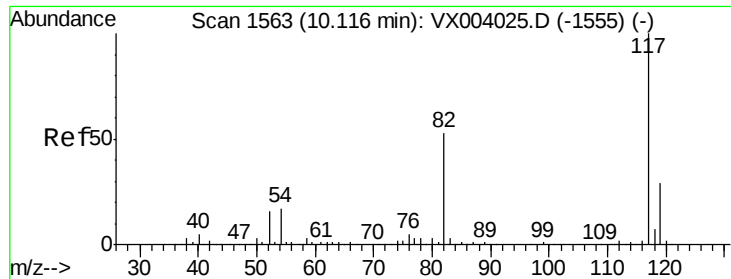
Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 89.6 0.0 179.0

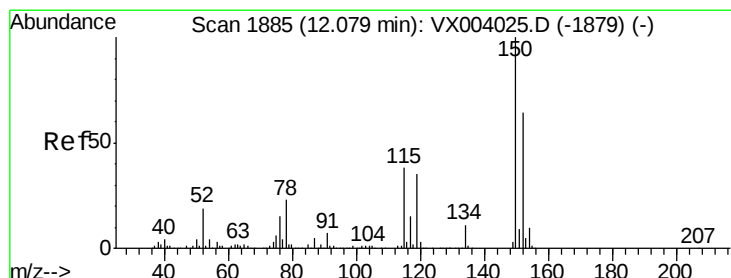
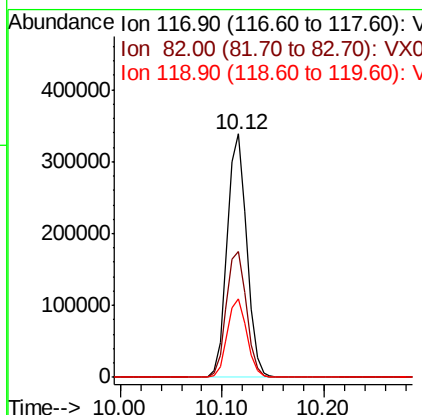
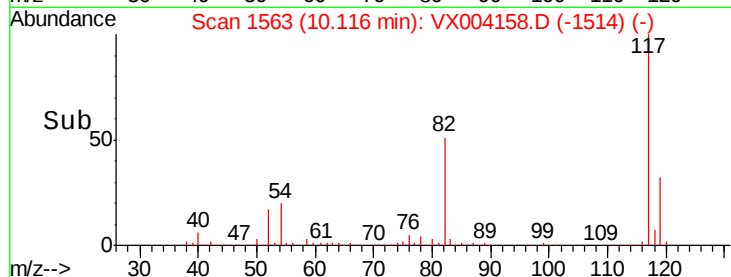
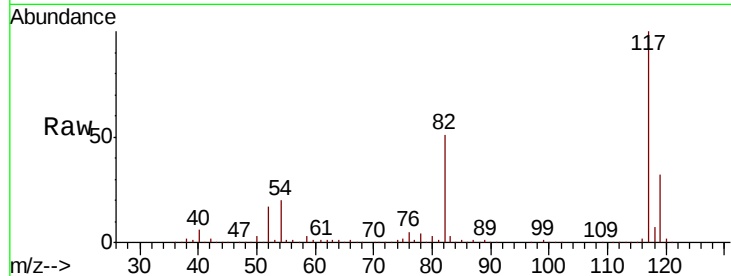




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004158.D
Acq: 20 Aug 2018 17:35

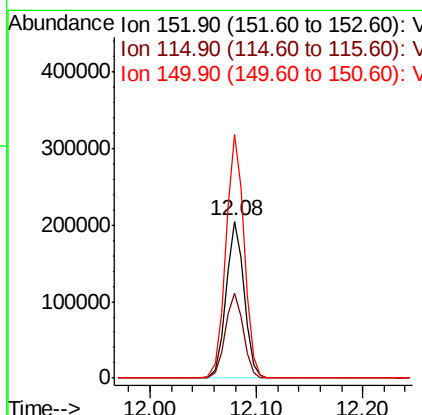
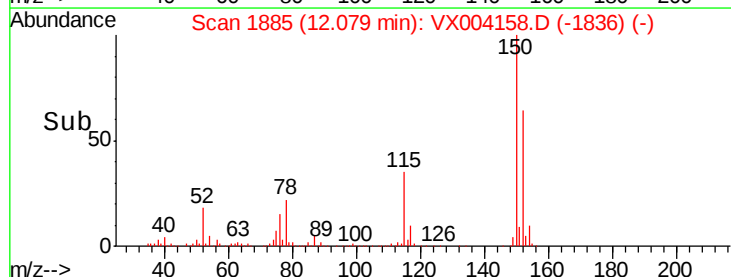
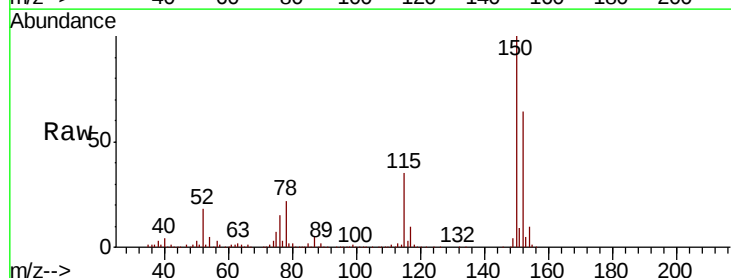
Instrument :
MSVOA_X
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PB112183ZHE#05

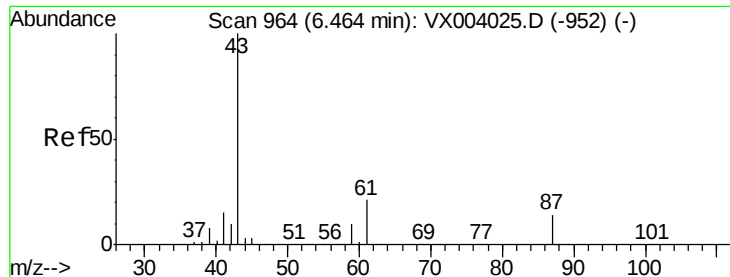
Tot Ion:117 Resp: 447921
Ion Ratio Lower Upper
117 100
82 51.5 45.4 68.0
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004158.D
Acq: 20 Aug 2018 17:35

Tgt Ion:152 Resp: 242335
Ion Ratio Lower Upper
152 100
115 54.5 39.1 117.3
150 157.2 0.0 349.2





#74

N-amvl acetate

Concen: 23.04 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Instrument :

MSVOA_X

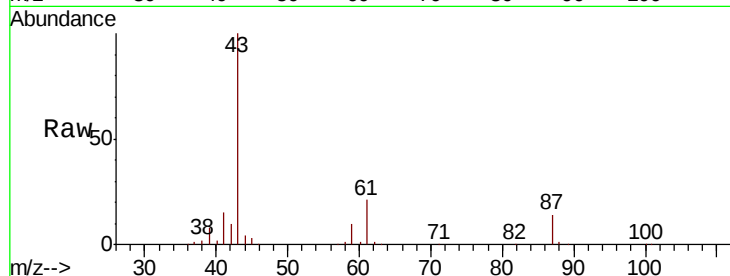
ClientSampleId :

PB112183ZHE#05

Tot Ion: 43 Resp: 177702

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	20.9	16.9	25.3

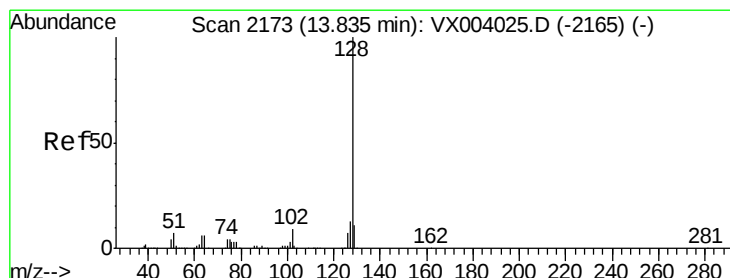
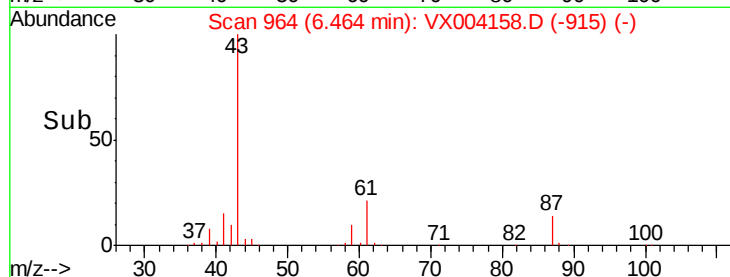
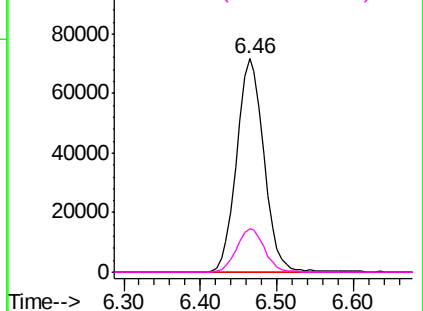


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.30 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

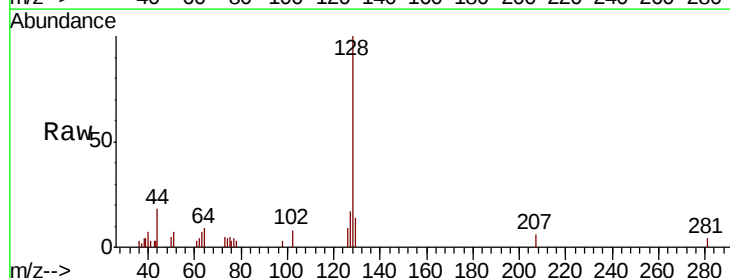
Lab File: VX004158.D

Acq: 20 Aug 2018 17:35

Tgt Ion:128 Resp: 2742

Ion Ratio Lower Upper

128	100		
127	16.6	10.2	15.2#
129	12.9	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

