

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014733.D
 Acq On : 27 Jan 2020 17:50
 Operator : JC/SP
 Sample : PB126348ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB126348ZHE#08

Quant Time: Jan 28 05:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

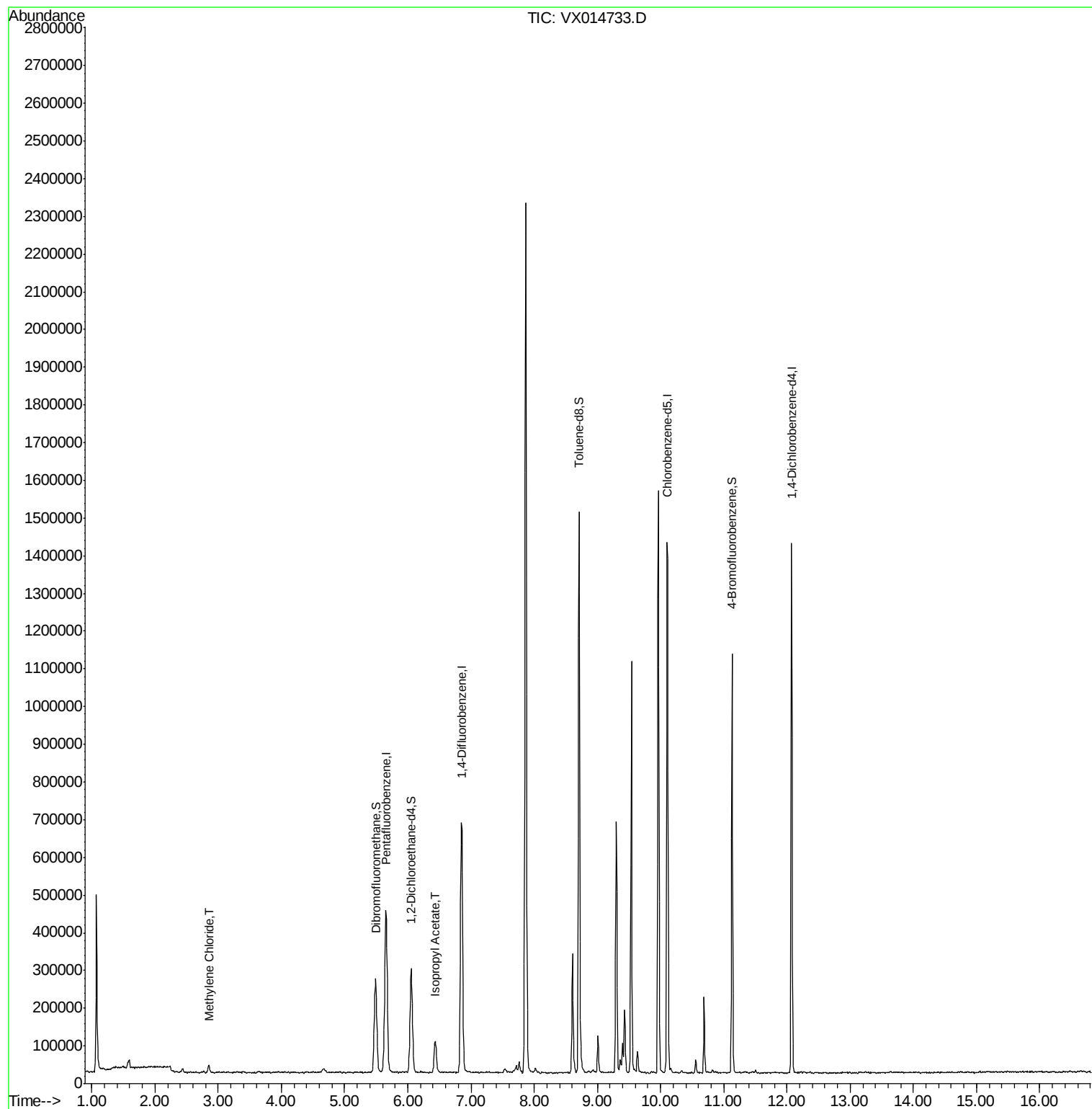
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	261088	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.49	113	212329	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	8.71	98	855140	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	290773	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
20) Methylene Chloride	2.86	84	9590	1.831	ug/l	95
43) Isopropyl Acetate	6.43	43	117525	9.639	ug/l	100

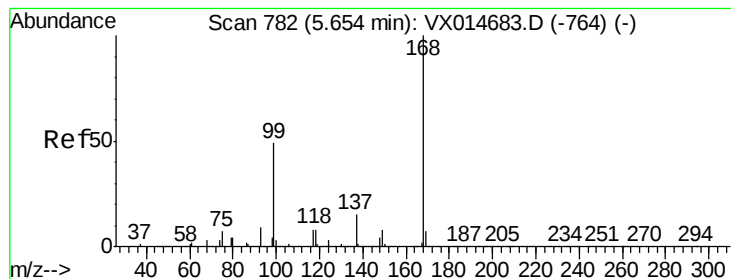
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

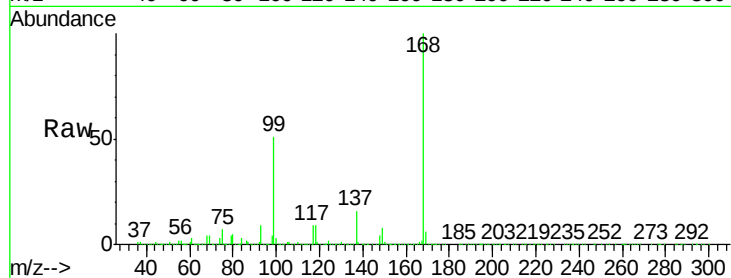
PB126348ZHE#08

Tot Ion:168 Resp: 442260

Ion Ratio Lower Upper

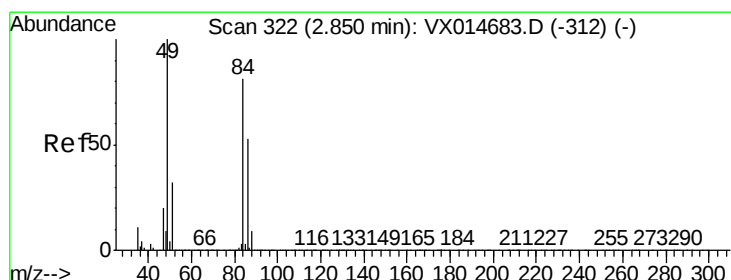
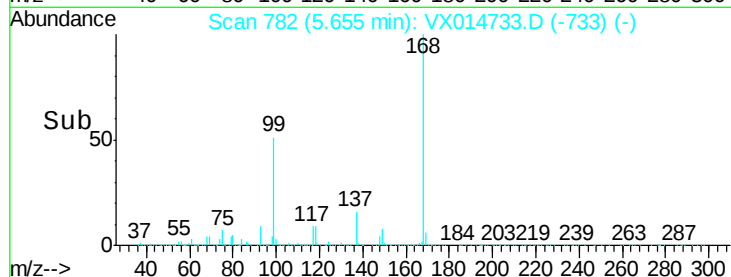
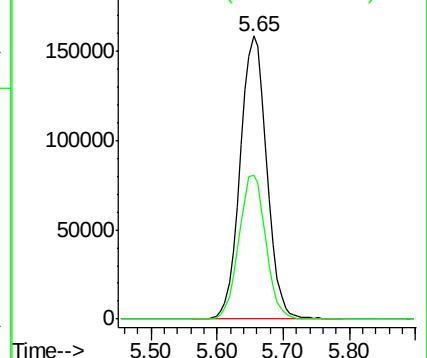
168 100

99 50.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.831 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

Tgt Ion: 84 Resp: 9590

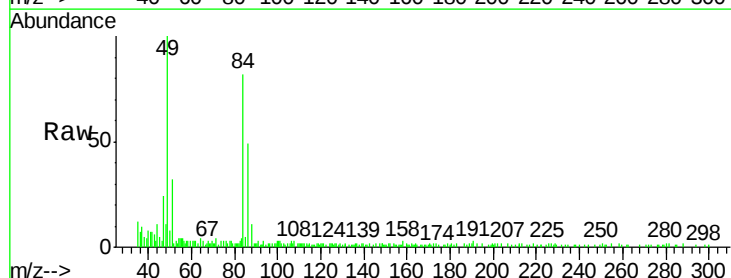
Ion Ratio Lower Upper

84 100

49 119.2 98.2 147.4

51 36.9 31.3 46.9

86 58.4 51.8 77.6

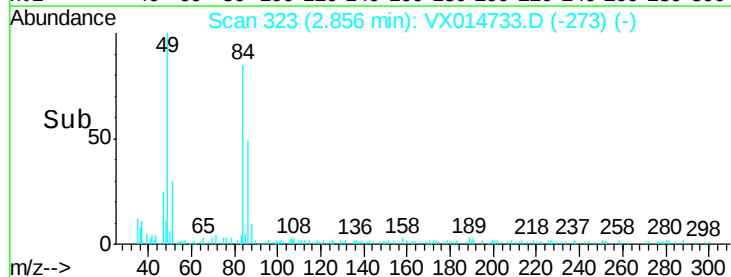
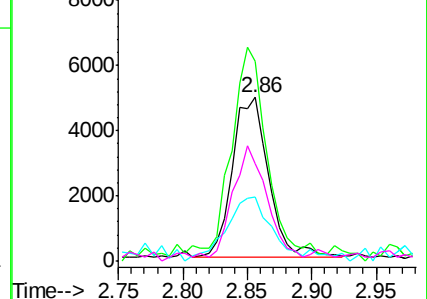


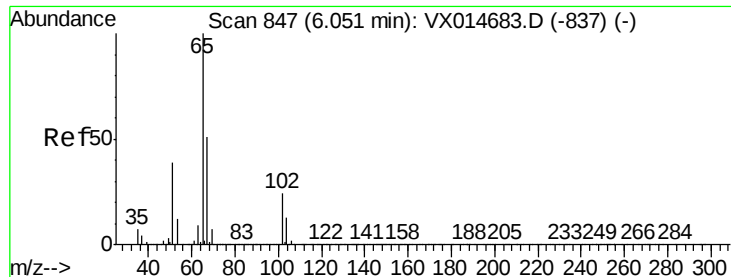
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

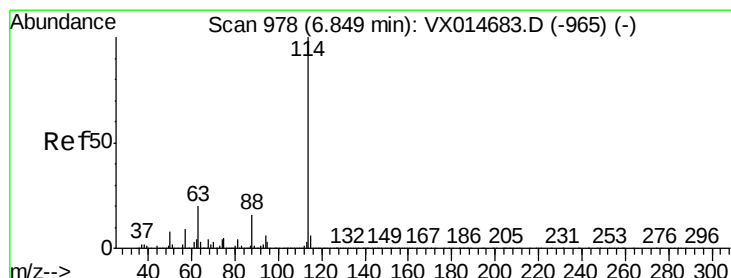
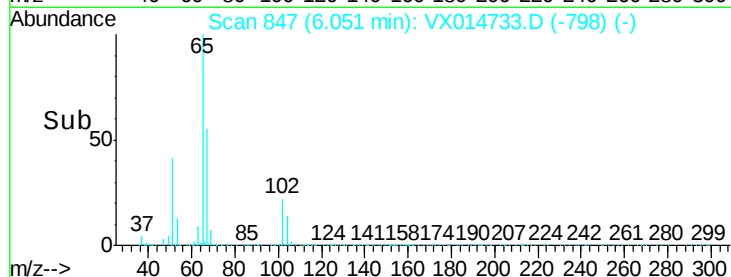
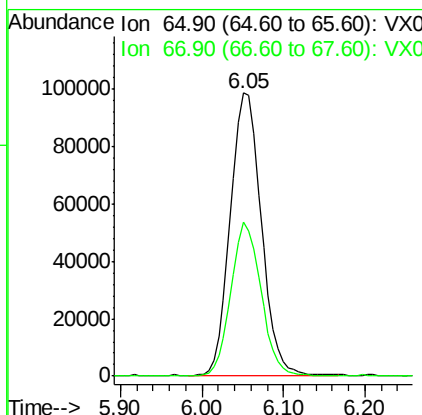
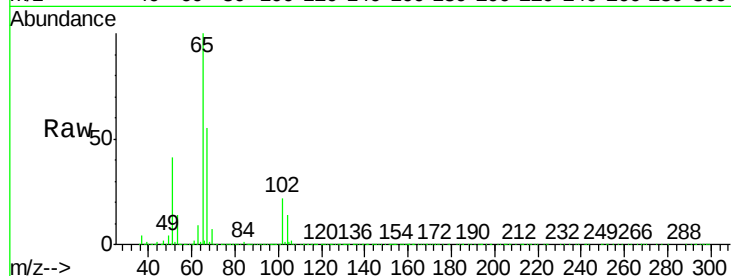




#33
 1,2-Dichloroethane-d4
 Concen: 50.554 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014733.D
 Acq: 27 Jan 2020 17:50

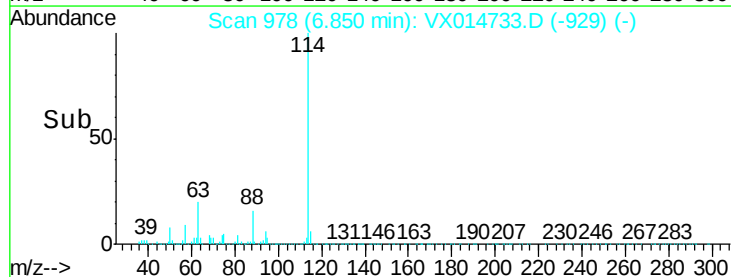
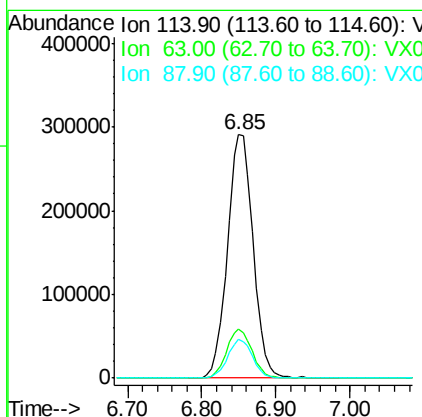
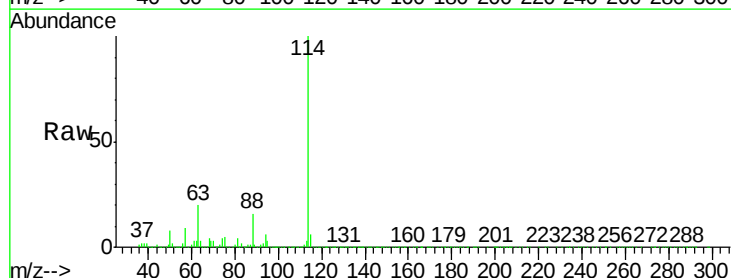
Instrument :
 MSVOA_X
 ClientSampleId :
 PB126348ZHE#08

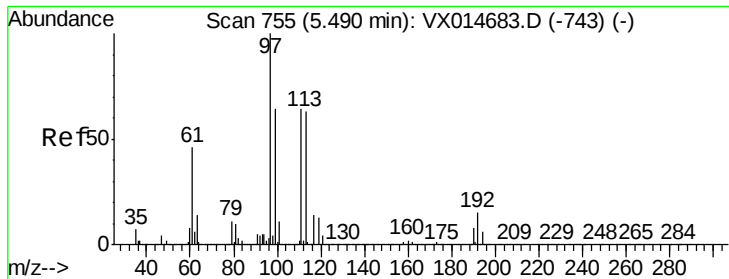
Tot Ion: 65 Resp: 261088
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014733.D
 Acq: 27 Jan 2020 17:50

Tgt Ion: 114 Resp: 699628
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.097 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

PB126348ZHE#08

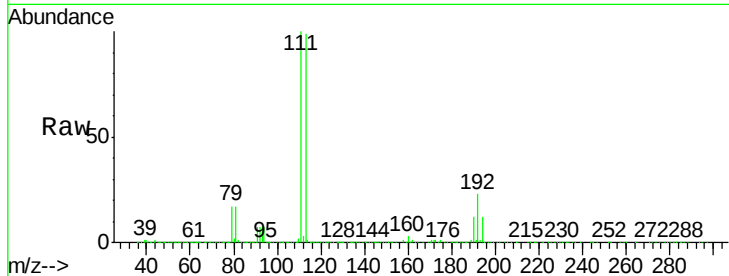
Tot Ion:113 Resp: 212329

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

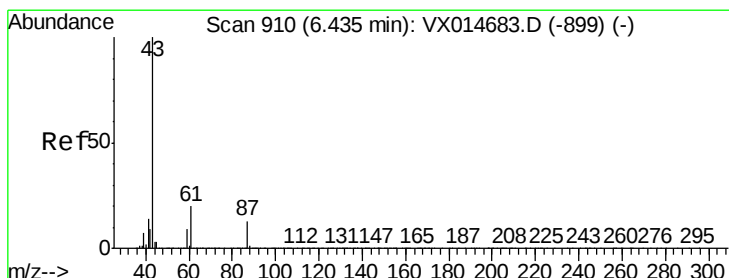
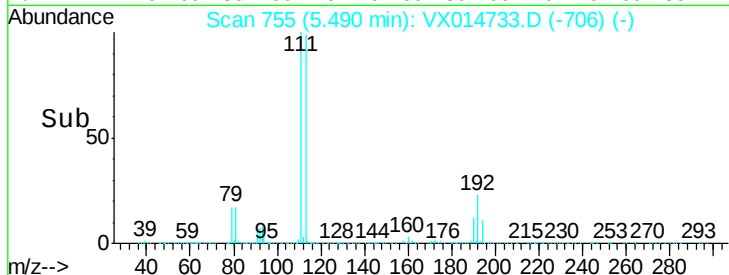
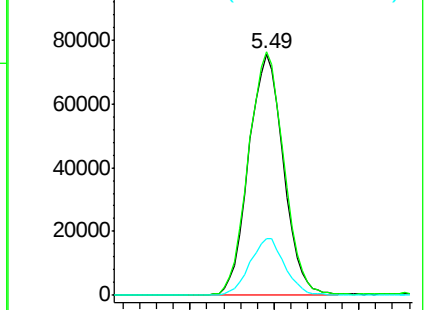
192 23.5 18.5 27.7



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: 9.639 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

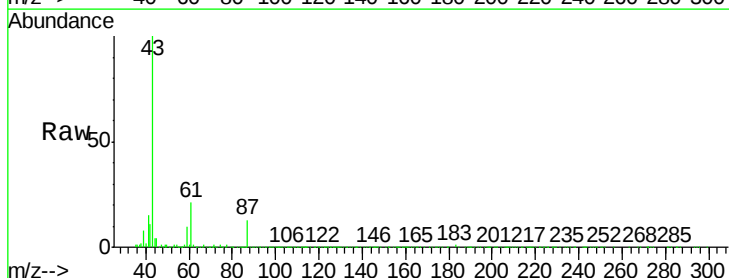
Tgt Ion: 43 Resp: 117525

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4

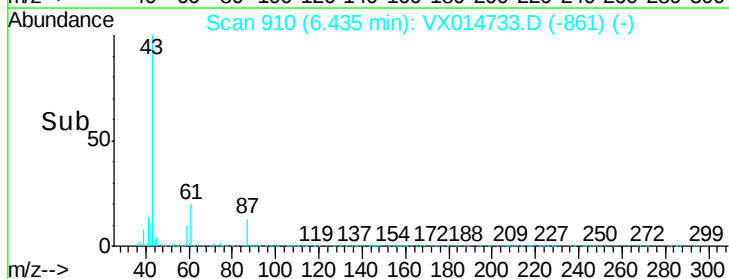
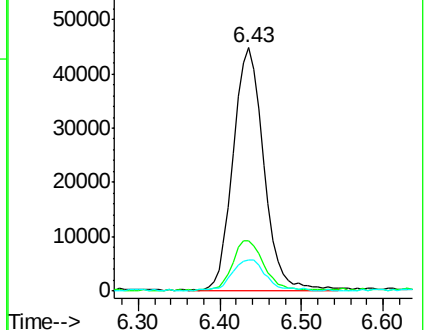
87 13.3 10.5 15.7

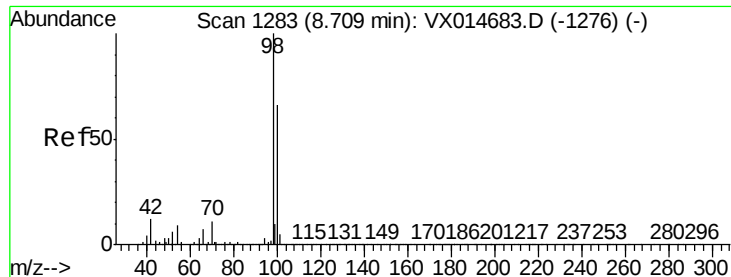


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.387 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

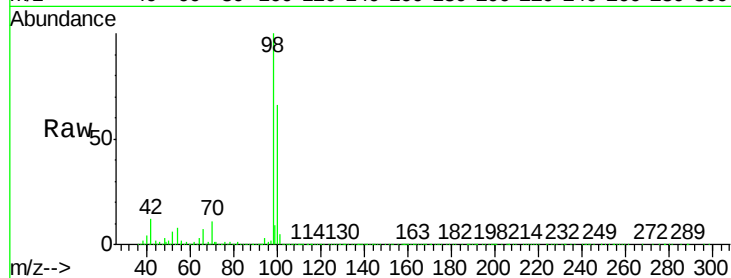
PB126348ZHE#08

Tot Ion: 98 Resp: 855140

Ion Ratio Lower Upper

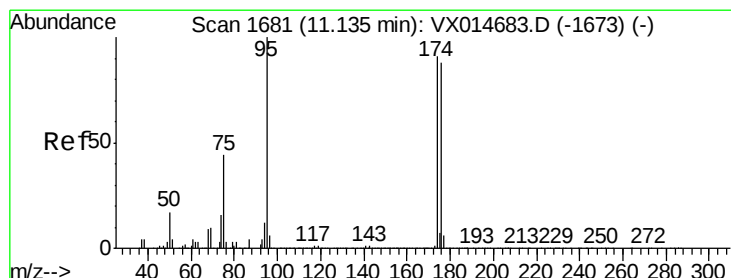
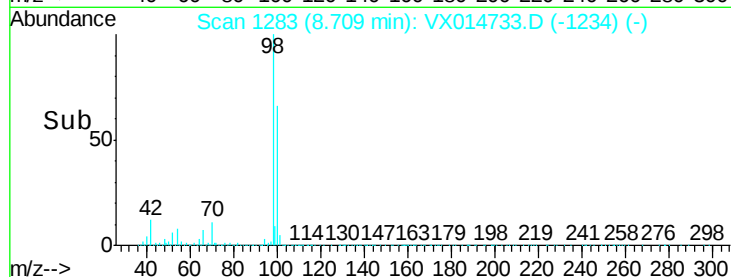
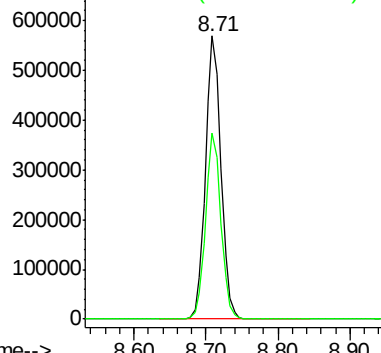
98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.096 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014733.D

Acq: 27 Jan 2020 17:50

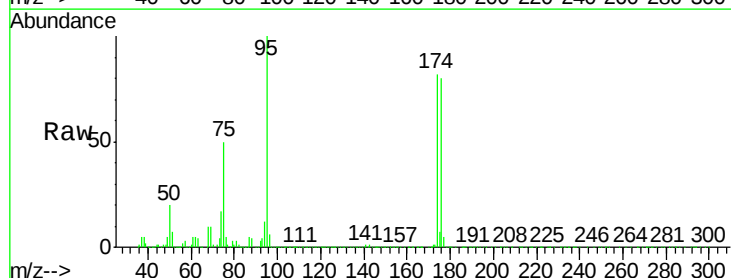
Tgt Ion: 95 Resp: 290773

Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.0

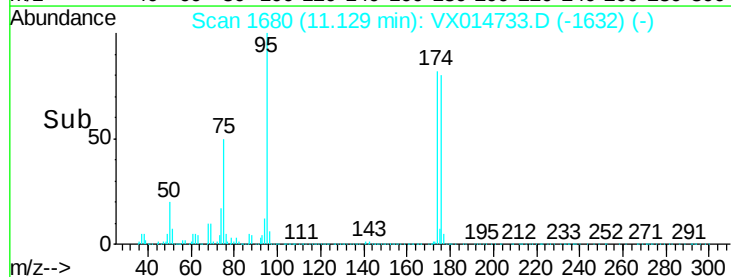
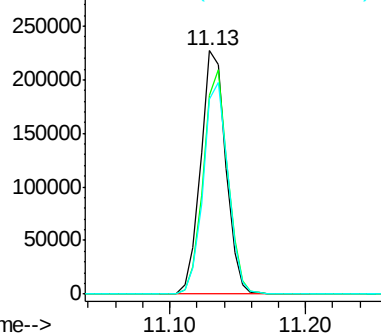
176 86.0 0.0 172.2

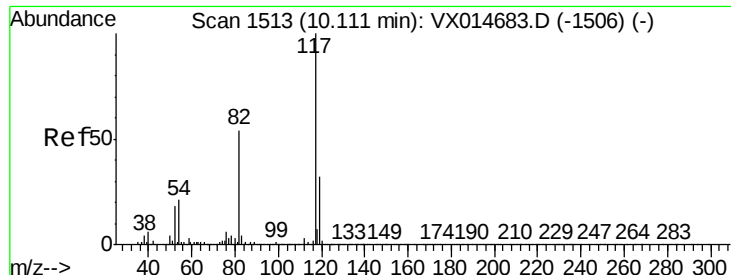


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

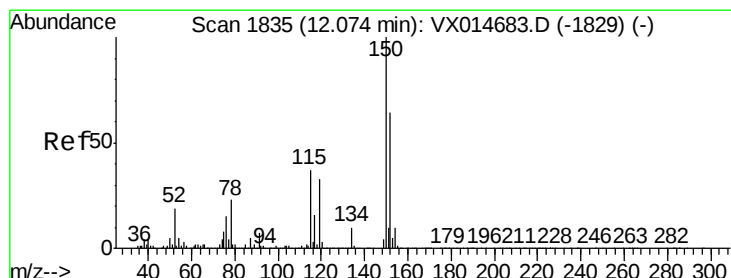
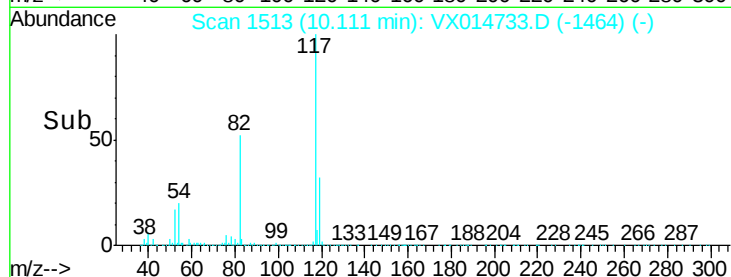
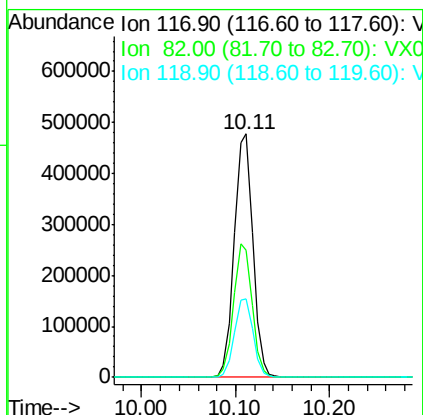
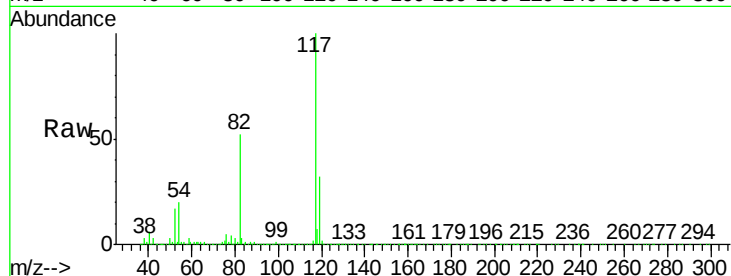




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014733.D
Acq: 27 Jan 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB126348ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.2	64.8
119	32.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014733.D
Acq: 27 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.4	118.1
150	156.1	0.0	351.2

