

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012199.D
 Acq On : 08 Sep 2019 03:56
 Operator : SY/SP
 Sample : K4663-01
 Misc : 5.78g/5.0mL/MSVOA X/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-03-090519

Quant Time: Sep 08 08:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

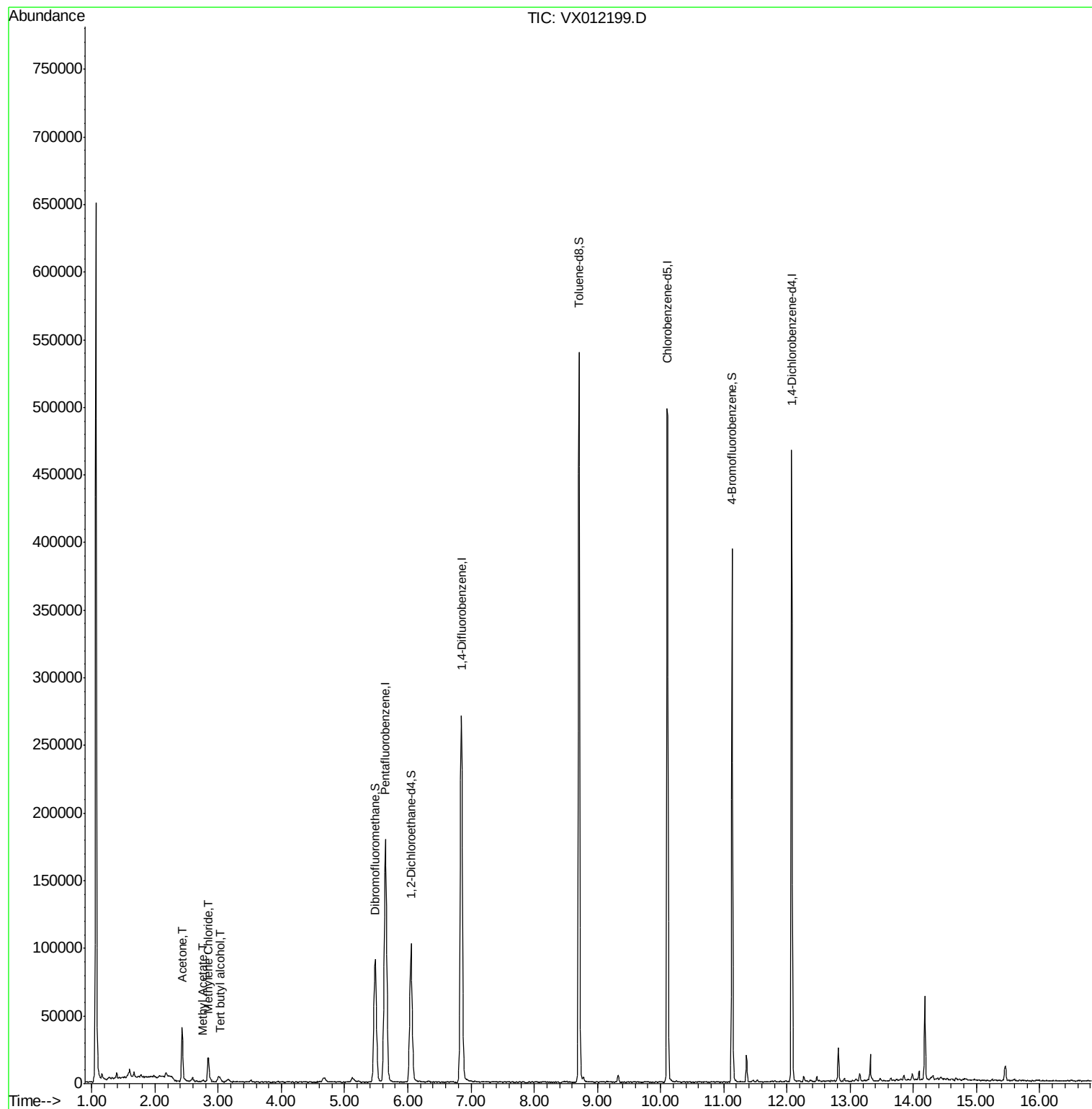
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103140	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	5.48	113	76872	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	303016	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	111466	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	4145	20.755	ug/l	96
16) Acetone	2.43	43	41488	83.480	ug/l	99
18) Methyl Acetate	2.76	43	2088	1.783	ug/l	97
20) Methylene Chloride	2.84	84	8641	4.330	ug/l	96

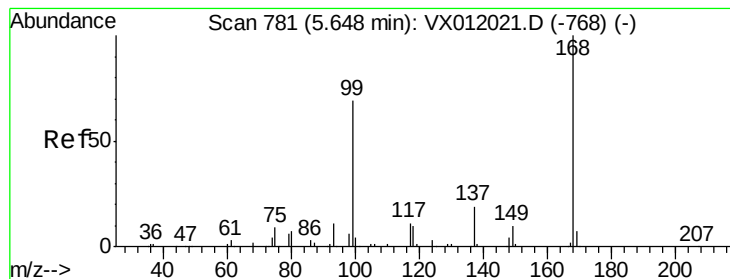
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012199.D

Acq: 08 Sep 2019 03:56

Instrument :

MSVOA_X

ClientSampleId :

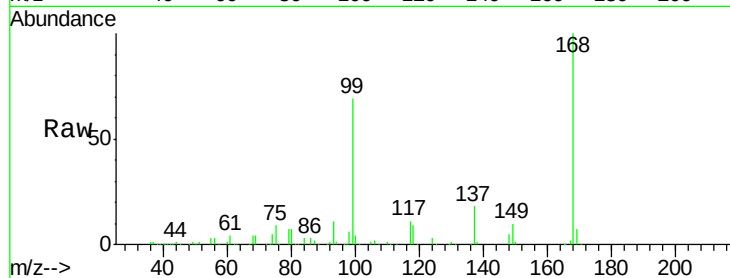
OK-03-090519

Tot Ion:168 Resp: 150691

Ion Ratio Lower Upper

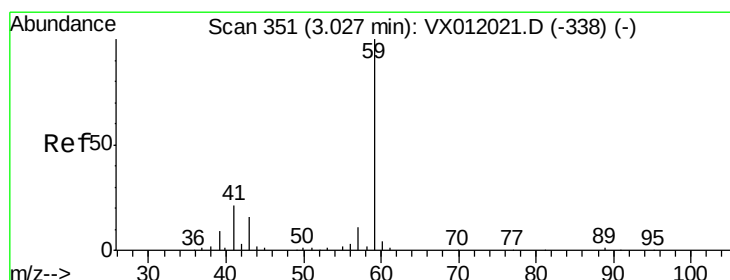
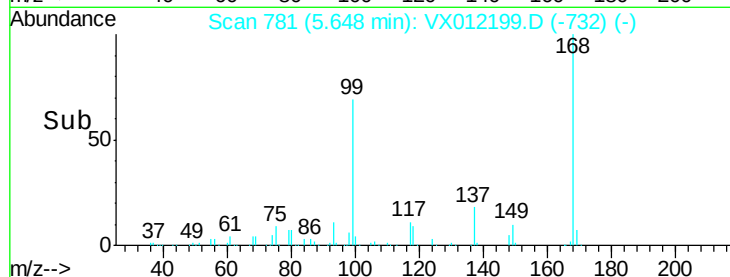
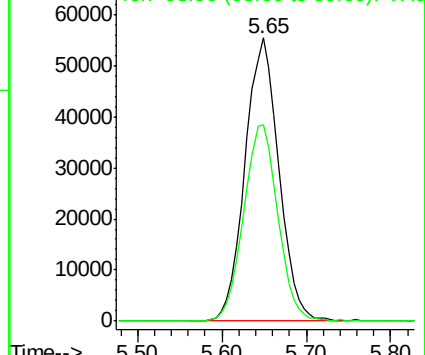
168 100

99 69.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 20.755 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012199.D

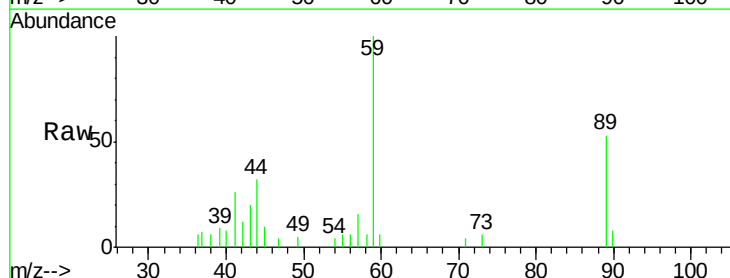
Acq: 08 Sep 2019 03:56

Tgt Ion: 59 Resp: 4145

Ion Ratio Lower Upper

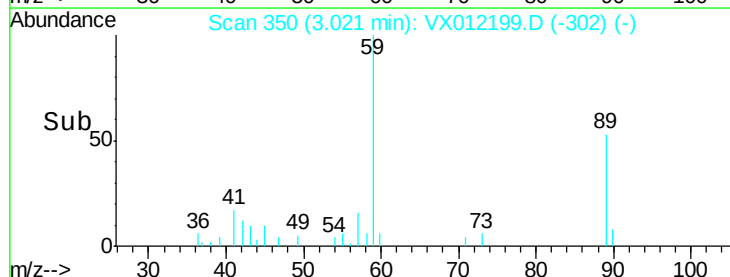
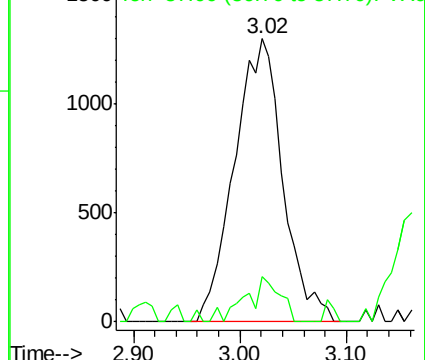
59 100

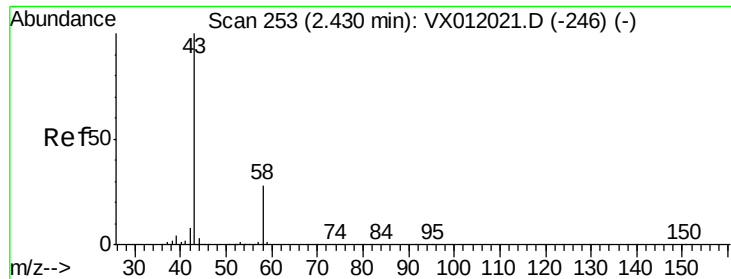
57 11.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 83.480 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012199.D

Acq: 08 Sep 2019 03:56

Instrument :

MSVOA_X

ClientSampleId :

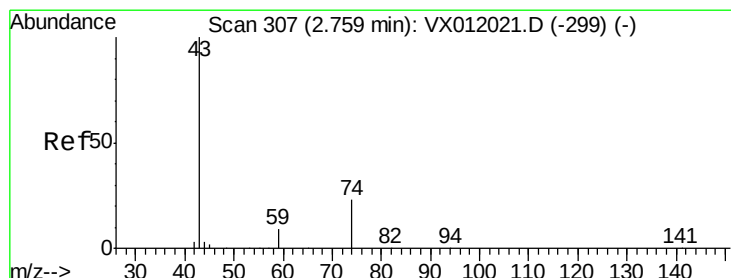
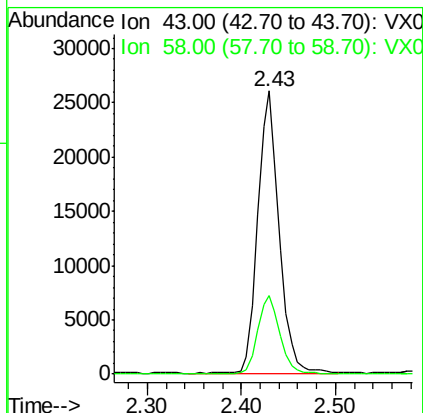
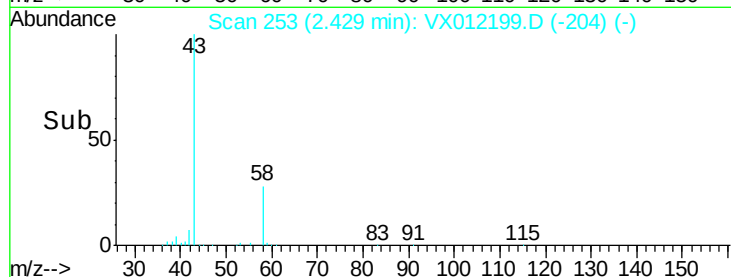
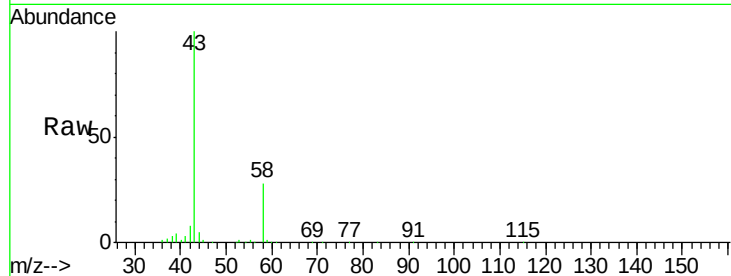
OK-03-090519

Tot Ion: 43 Resp: 41488

Ion Ratio Lower Upper

43 100

58 27.8 22.8 34.2



#18

Methyl Acetate

Concen: 1.783 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012199.D

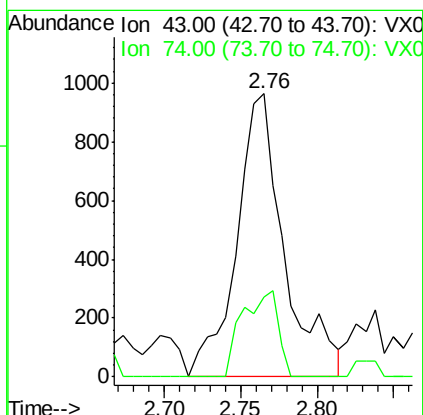
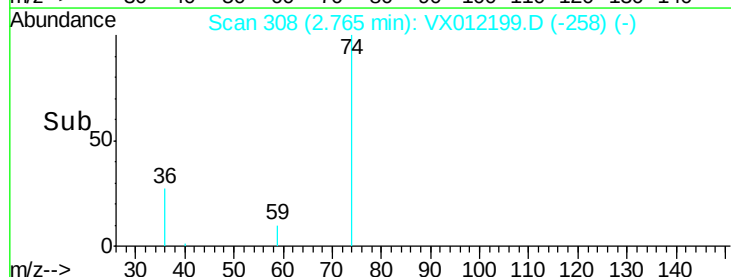
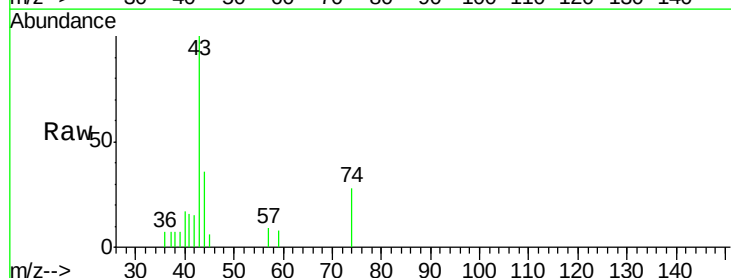
Acq: 08 Sep 2019 03:56

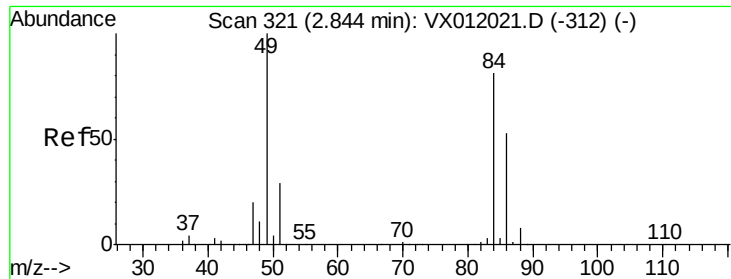
Tgt Ion: 43 Resp: 2088

Ion Ratio Lower Upper

43 100

74 22.8 19.5 29.3



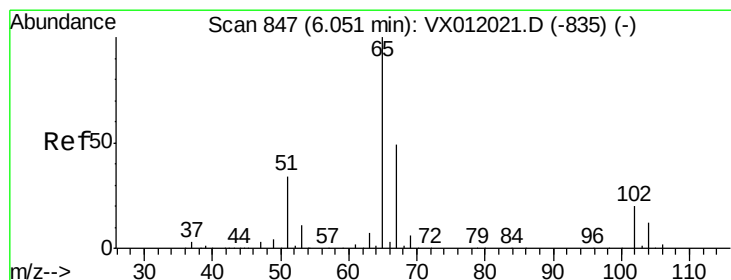
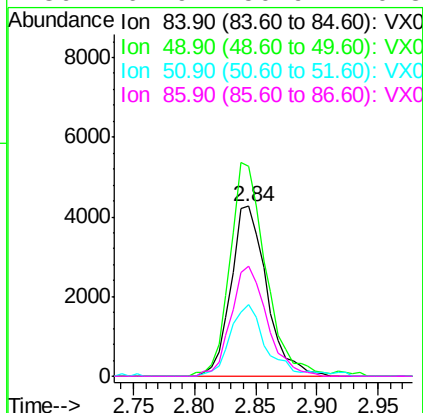
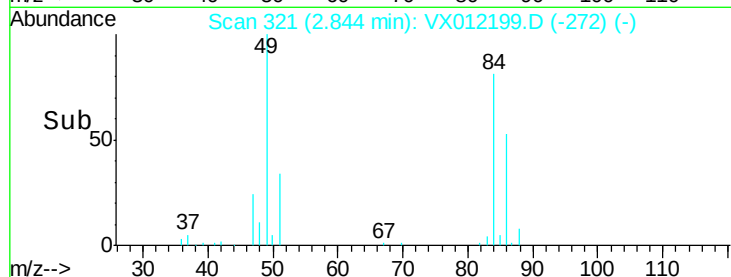
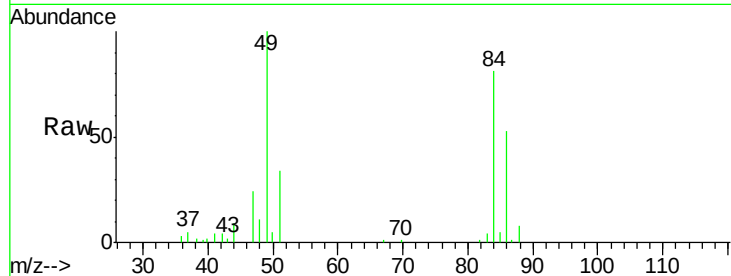


#20
Methylene Chloride
Concen: 4.330 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090519

Tot Ion: 84 Resp: 8641

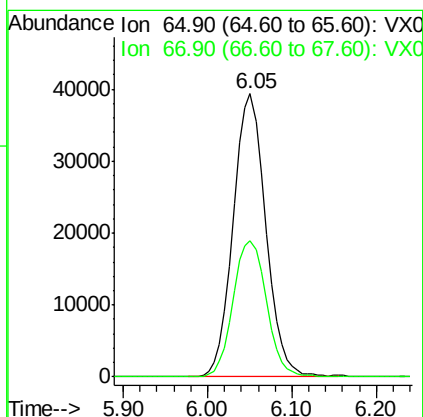
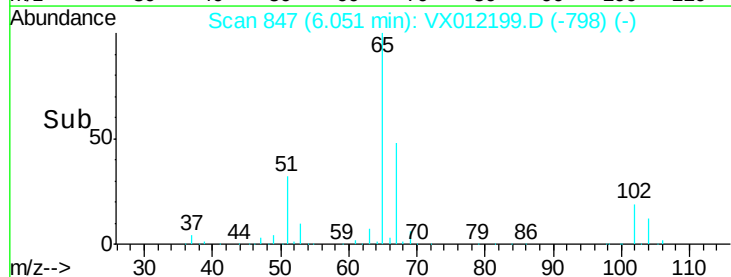
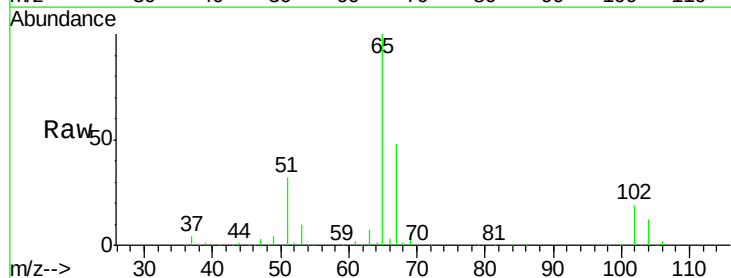
Ion	Ratio	Lower	Upper
84	100		
49	123.6	95.8	143.8
51	42.2	28.6	43.0
86	64.9	50.9	76.3

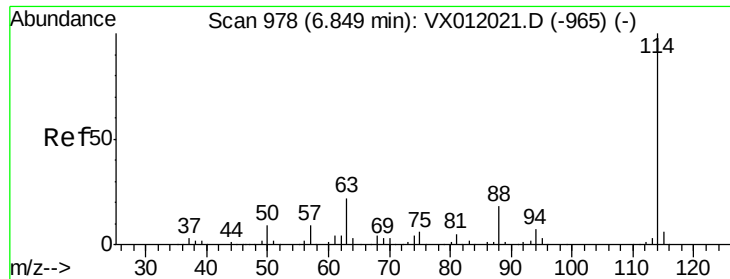


#33
1,2-Dichloroethane-d4
Concen: 49.605 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

Tgt Ion: 65 Resp: 103140

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.0

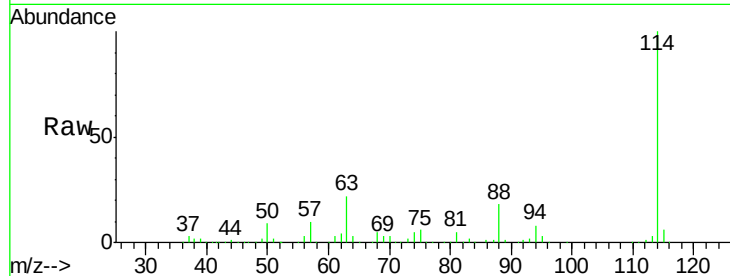




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012199.D
 Acq: 08 Sep 2019 03:56

Instrument :
 MSVOA_X
 ClientSampled :
 OK-03-090519

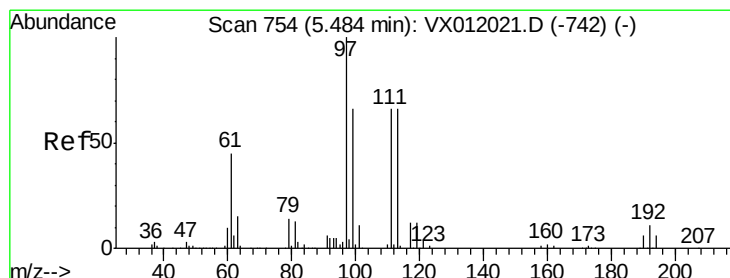
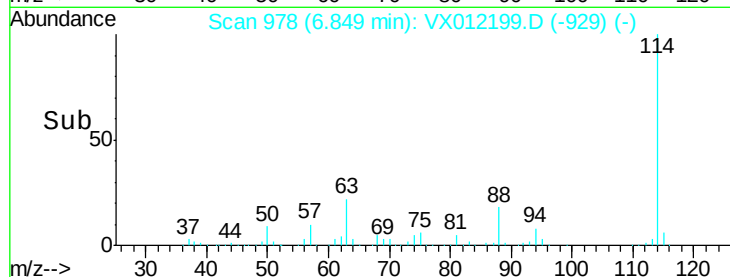
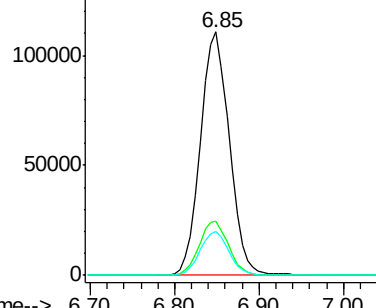
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	37.4
88	18.0	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

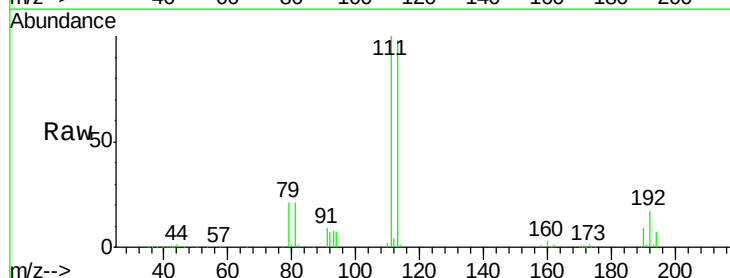
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 48.385 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012199.D
 Acq: 08 Sep 2019 03:56

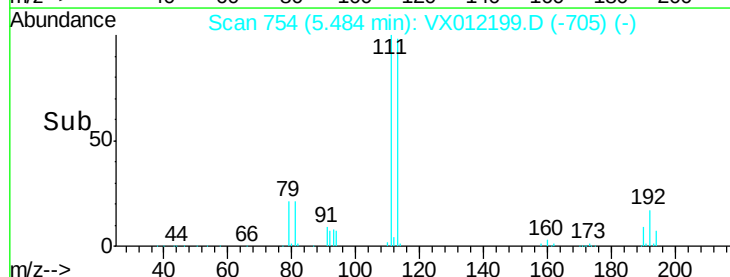
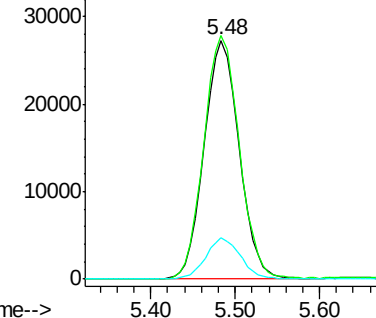
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	16.9	22.5	33.7#

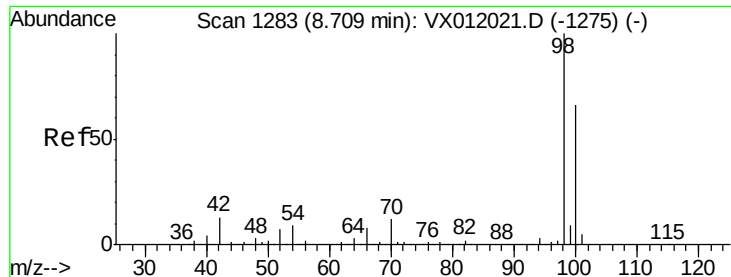


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

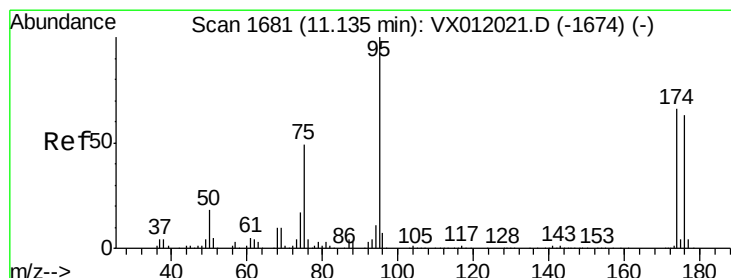
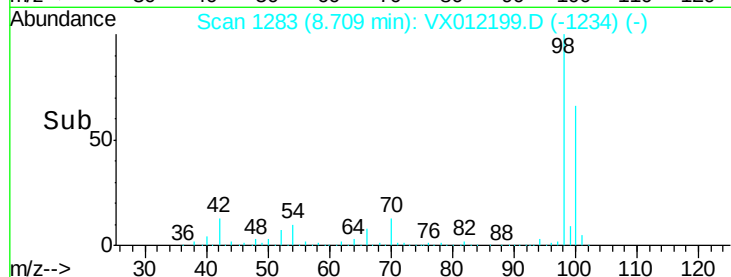
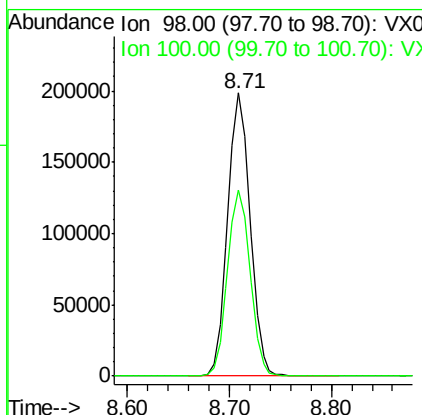
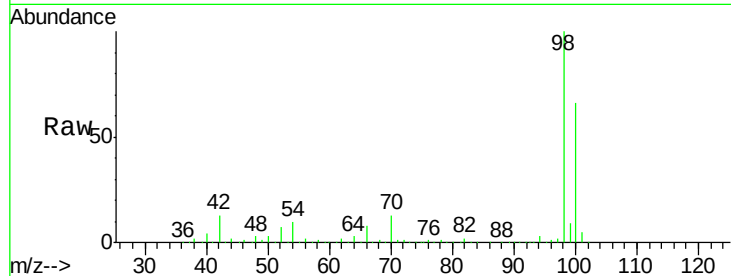




#50
Toluene-d8
Concen: 51.975 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

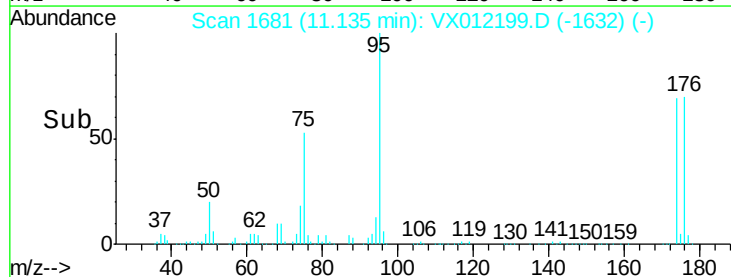
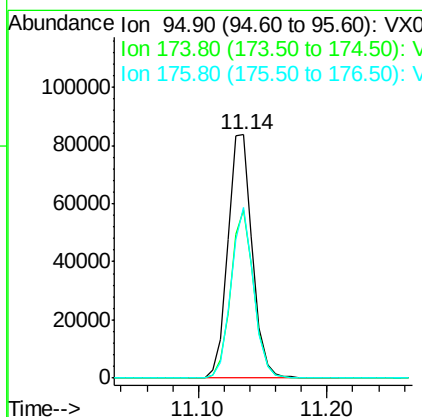
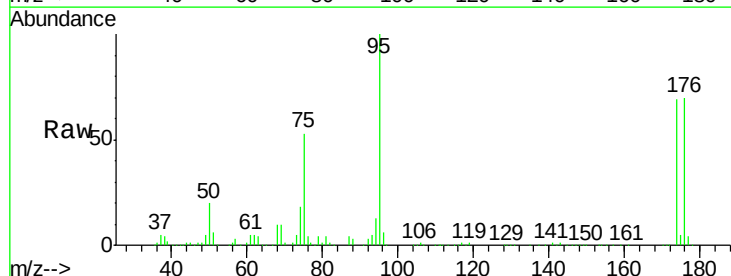
Instrument :
MSVOA_X
ClientSampleId :
OK-03-090519

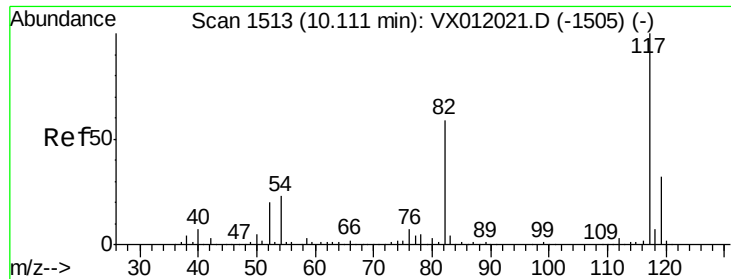
Tot Ion: 98 Resp: 303016
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.112 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

Tgt Ion: 95 Resp: 111466
Ion Ratio Lower Upper
95 100
174 64.9 0.0 205.4
176 64.5 0.0 201.8

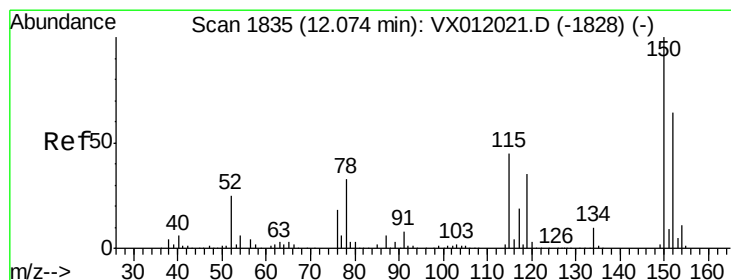
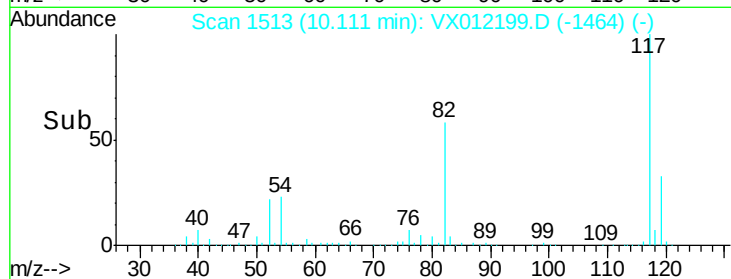
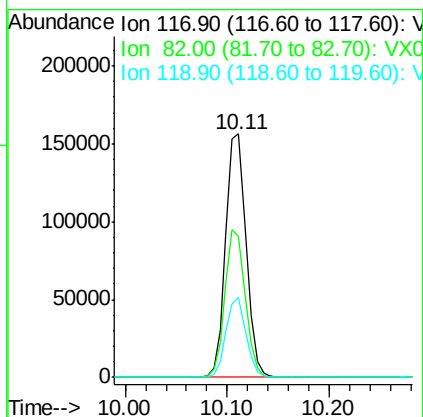
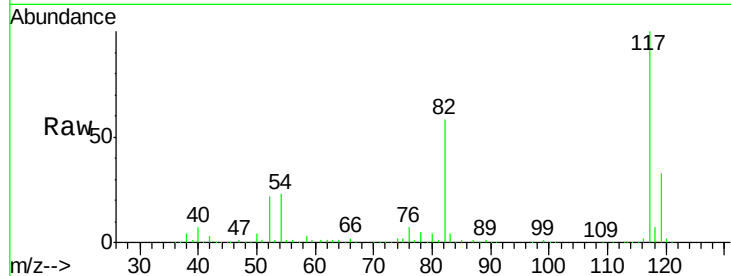




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

Instrument :
MSVOA_X
ClientSampleId :
OK-03-090519

Tot Ion:117 Resp: 217582
Ion Ratio Lower Upper
117 100
82 58.2 39.4 59.0
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012199.D
Acq: 08 Sep 2019 03:56

Tgt Ion:152 Resp: 86871
Ion Ratio Lower Upper
152 100
115 64.5 36.4 109.3
150 154.7 0.0 341.2

