

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003218.D
 Acq On : 06 Jul 2018 16:20
 Operator : JC/MD
 Sample : J3894-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(JULY)DL

Quant Time: Jul 09 09:40:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	50756	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	265891	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	247491	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	111677	28.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.03%
60) 4-Bromofluorobenzene	11.14	95	113050	27.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.20%
63) Toluene-d8	8.72	98	309639	28.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.47%

Target Compounds

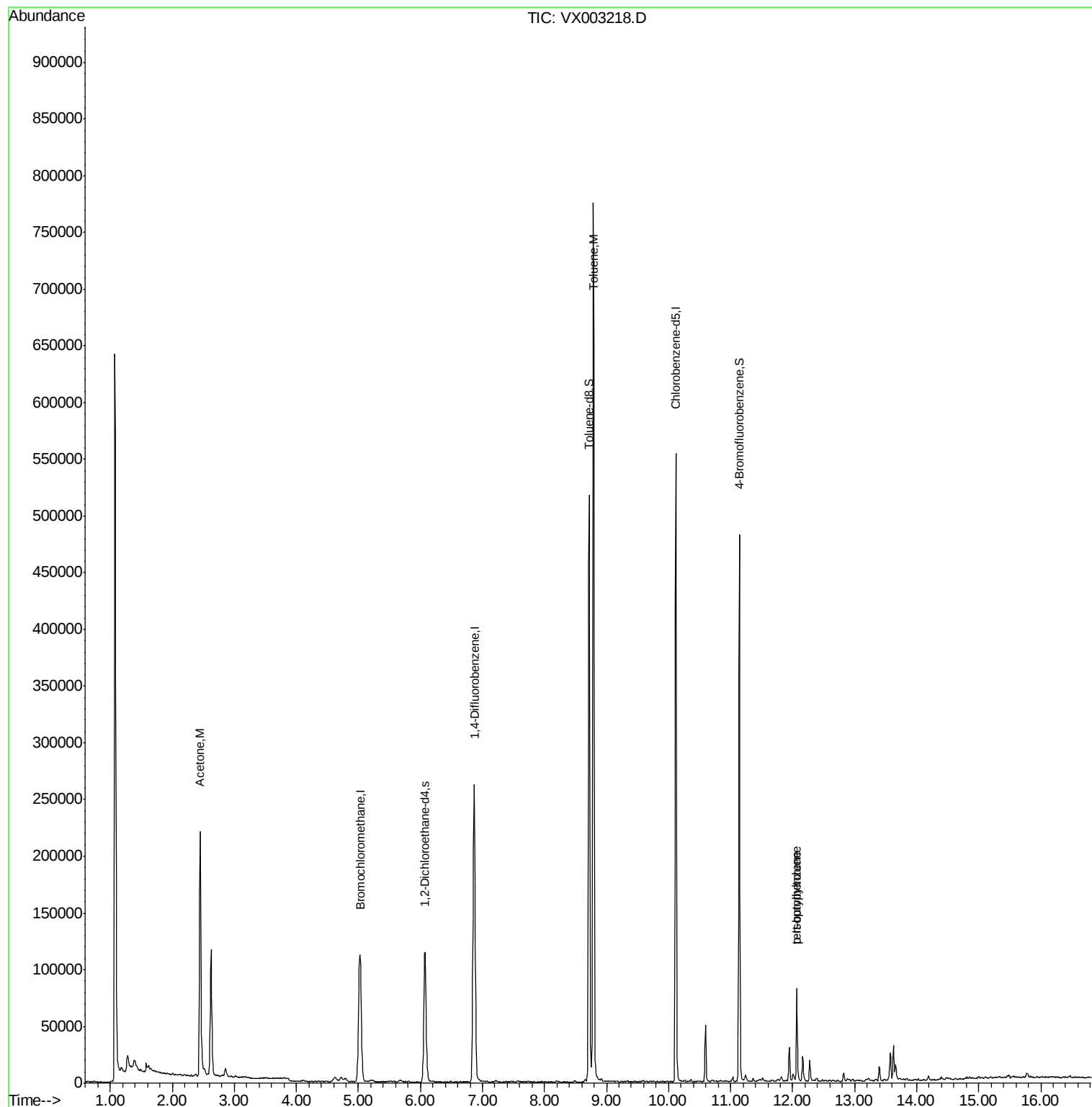
					Ovalue
15) Acetone	2.45	58	70213	157.725	ug/l 94
62) Toluene	8.79	91	486941	40.818	ug/l 98
79) tert-butylbenzene	12.07	119	33649	2.562	ug/l 99
82) p-Isopropyltoluene	12.07	119	33649	2.562	ug/l 99

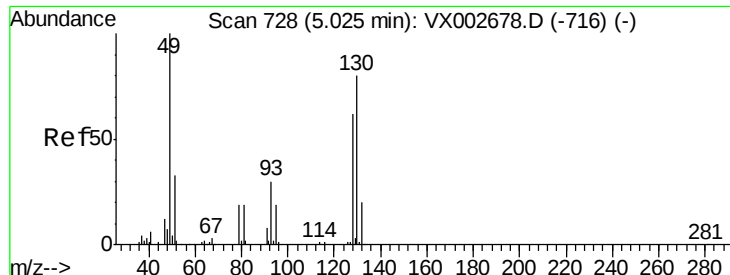
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003218.D

Acq: 06 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

002M-35TH-AVE(JULY)DL

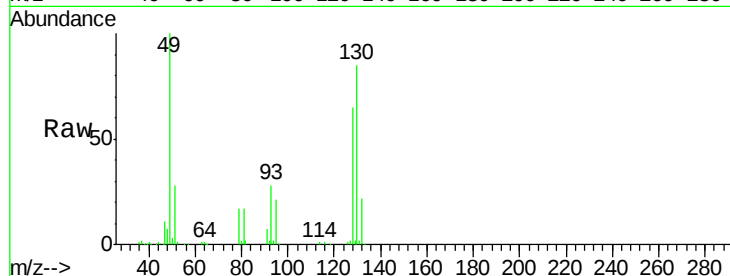
Tot Ion:128 Resp: 50756

Ion Ratio Lower Upper

128 100

49 148.3 0.0 423.0

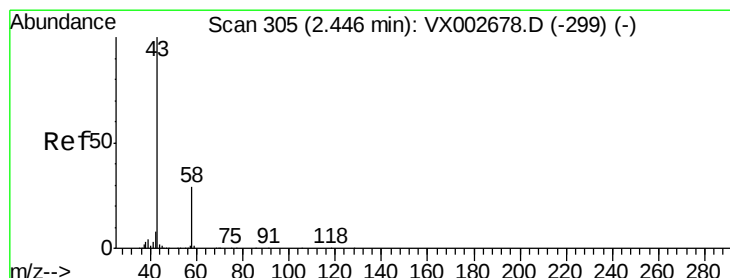
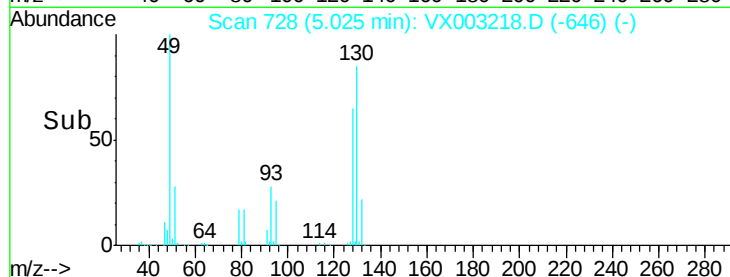
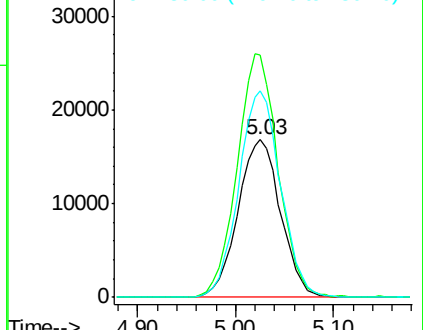
130 128.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 157.725 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003218.D

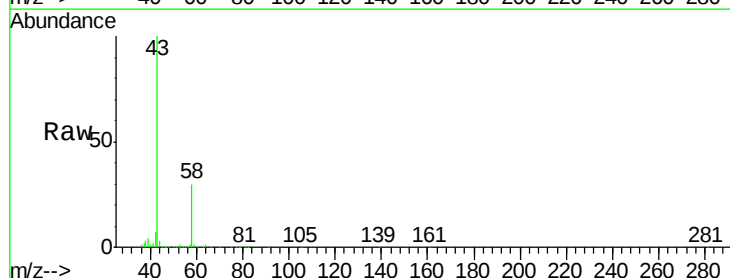
Acq: 06 Jul 2018 16:20

Tgt Ion: 58 Resp: 70213

Ion Ratio Lower Upper

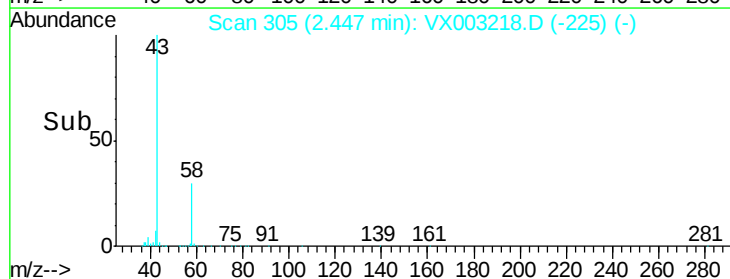
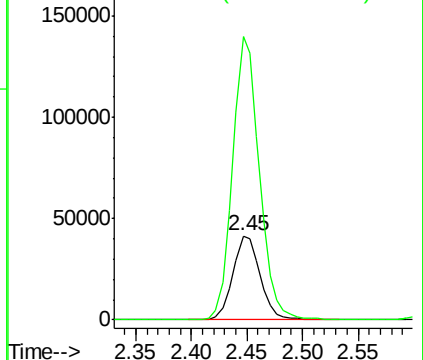
58 100

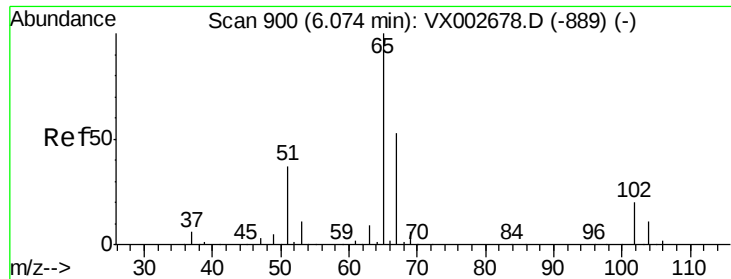
43 335.5 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

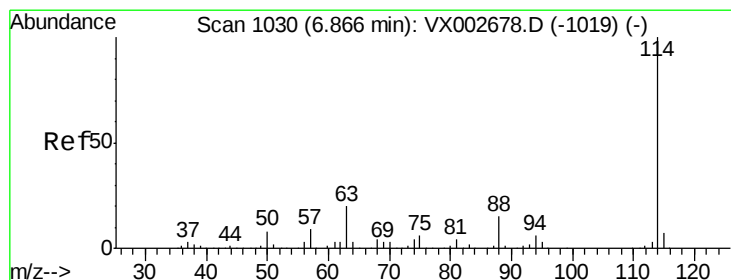
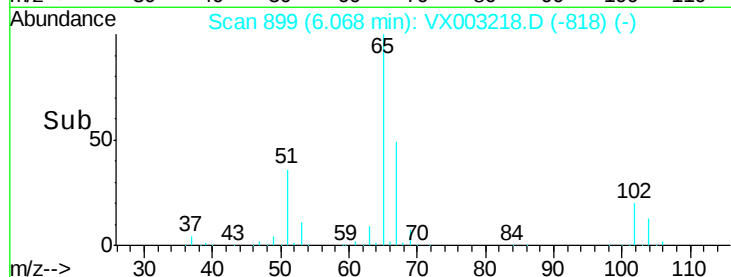
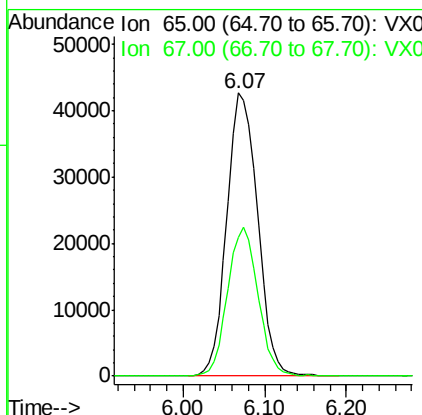
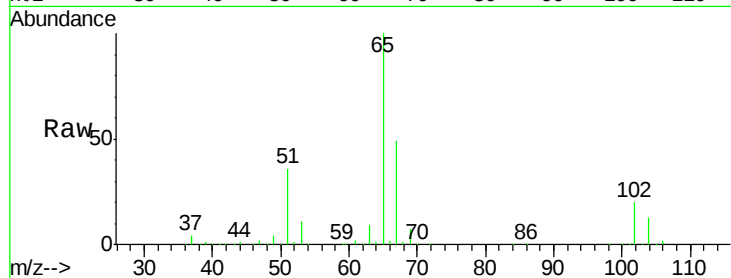




#27
 1,2-Dichloroethane-d4
 Concen: 28.813 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003218.D
 Acq: 06 Jul 2018 16:20

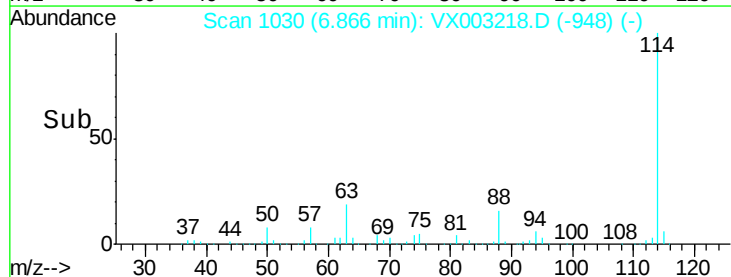
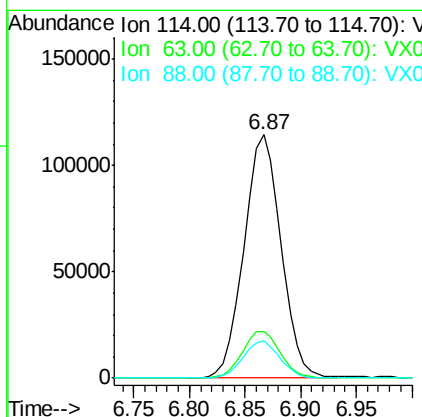
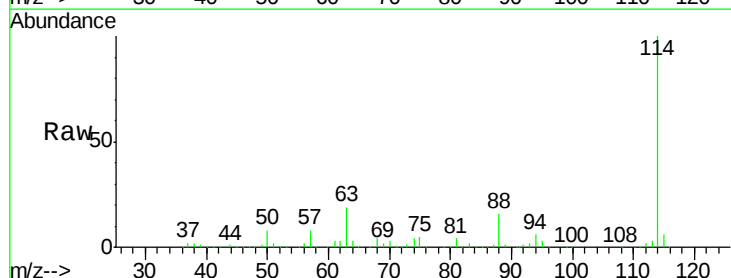
Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(JULY)DL

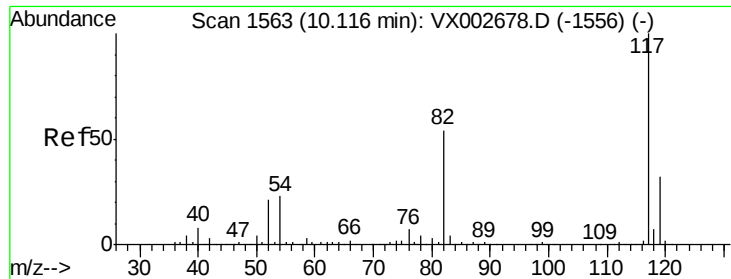
Tot Ion: 65 Resp: 111677
 Ion Ratio Lower Upper
 65 100
 67 51.7 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003218.D
 Acq: 06 Jul 2018 16:20

Tgt Ion: 114 Resp: 265891
 Ion Ratio Lower Upper
 114 100
 63 19.9 17.1 25.7
 88 15.3 12.6 19.0

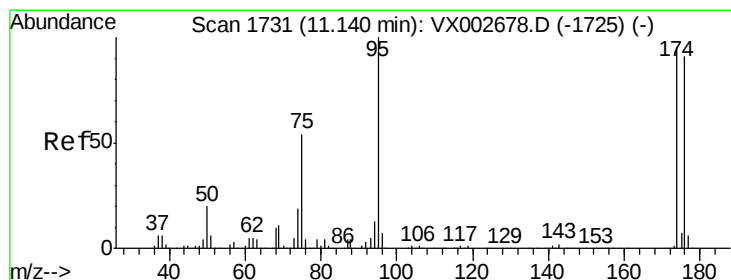
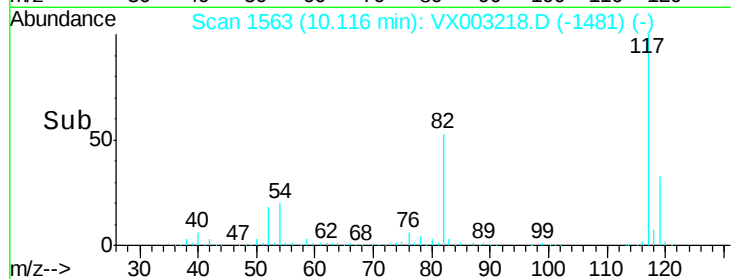
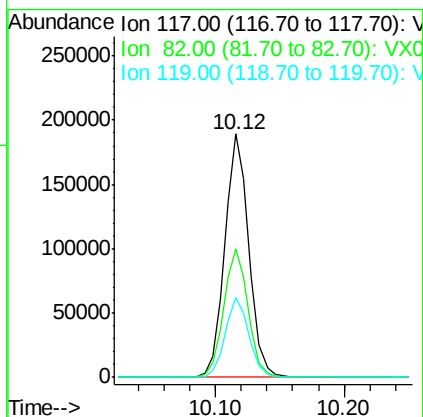
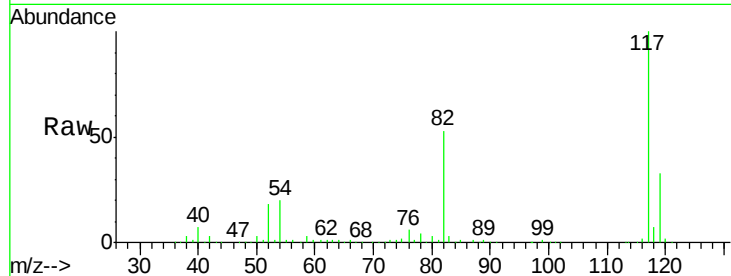




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003218.D
Acq: 06 Jul 2018 16:20

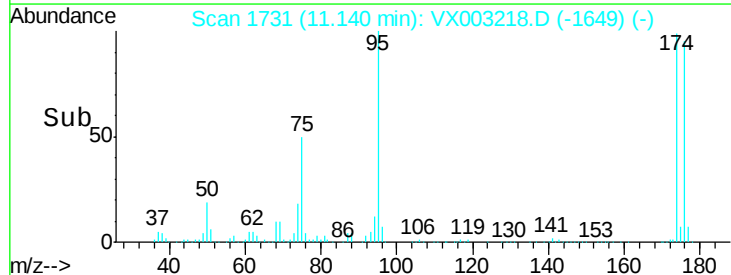
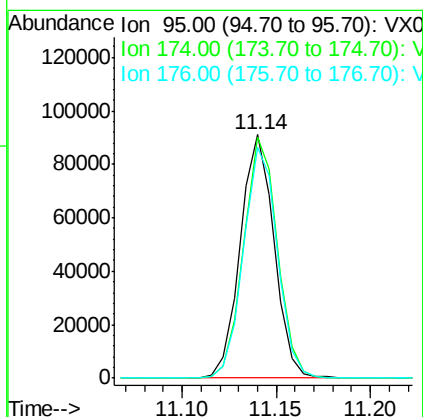
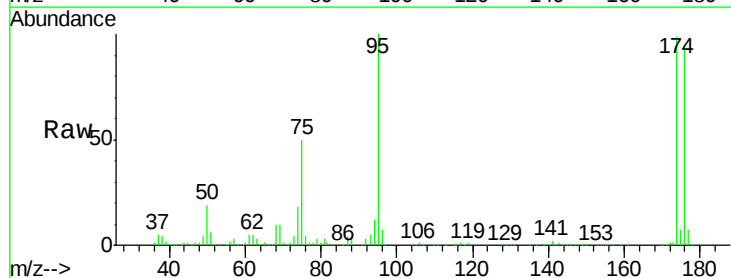
Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(JULY)DL

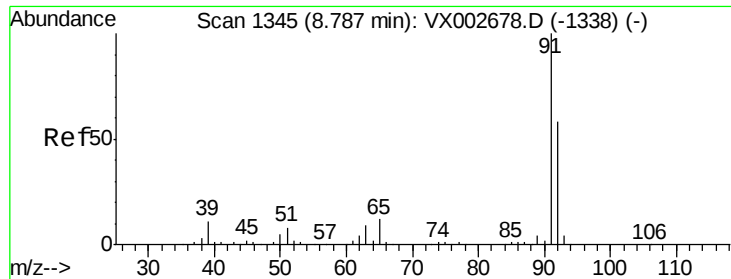
Tot Ion:117 Resp: 247491
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.6 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.657 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003218.D
Acq: 06 Jul 2018 16:20

Tgt Ion: 95 Resp: 113050
Ion Ratio Lower Upper
95 100
174 99.0 71.8 107.6
176 95.7 70.1 105.1





#62

Toluene

Concen: 40.818 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX003218.D

Acq: 06 Jul 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

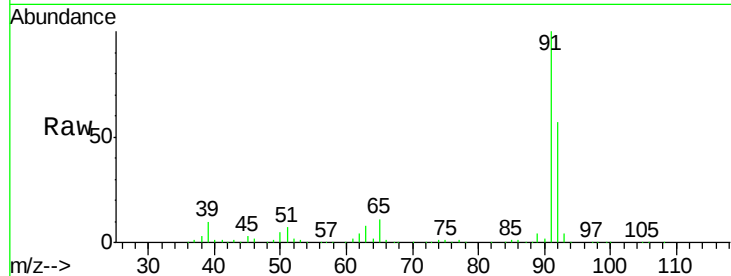
002M-35TH-AVE(JULY)DL

Tot Ion: 91 Resp: 486941

Ion Ratio Lower Upper

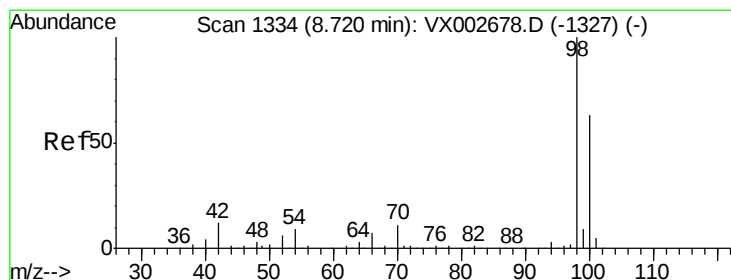
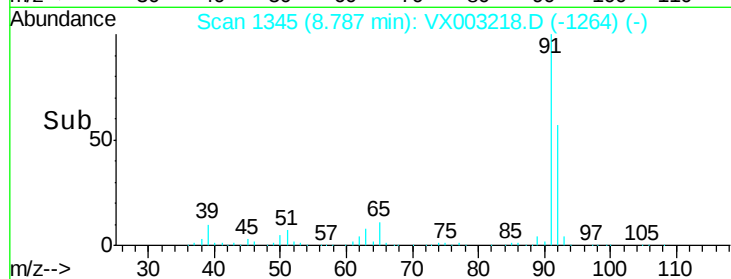
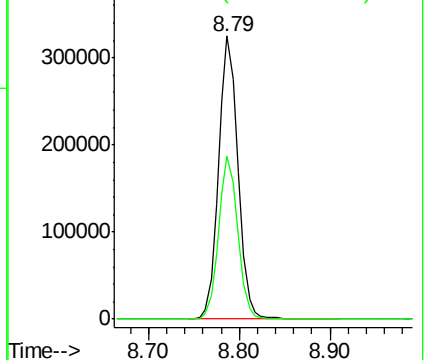
91 100

92 56.9 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 28.641 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003218.D

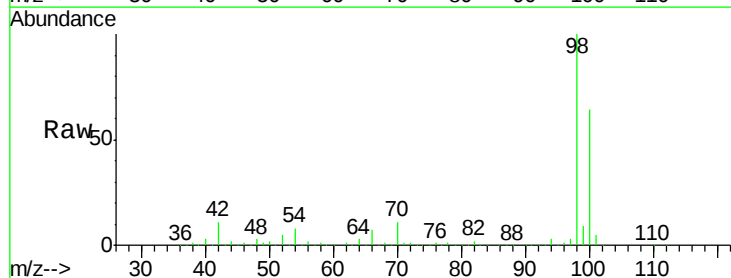
Acq: 06 Jul 2018 16:20

Tgt Ion: 98 Resp: 309639

Ion Ratio Lower Upper

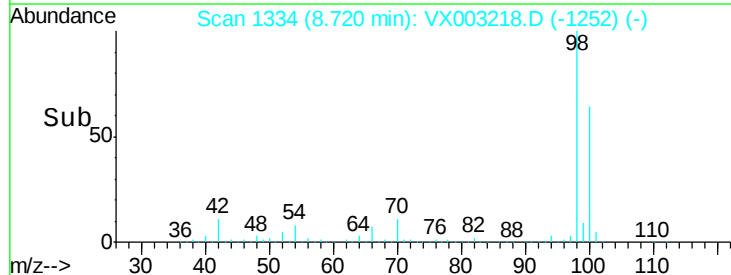
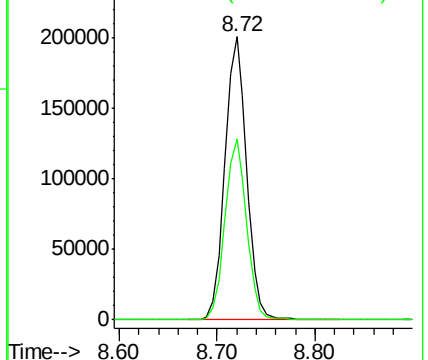
98 100

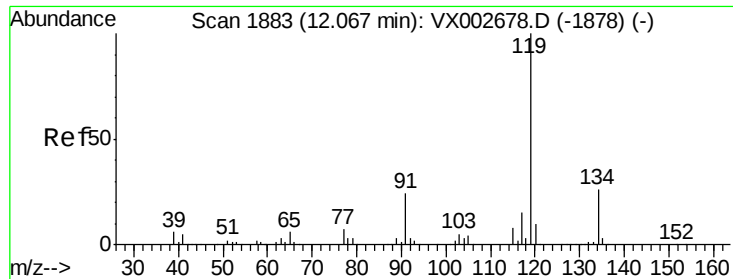
100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

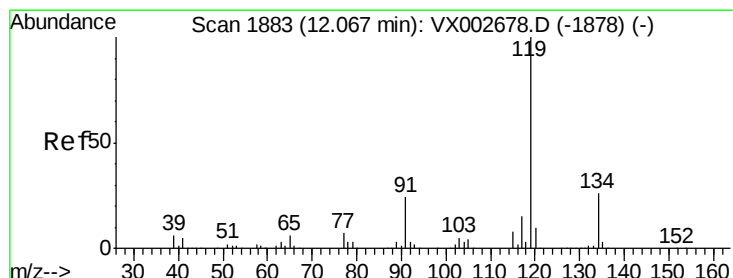
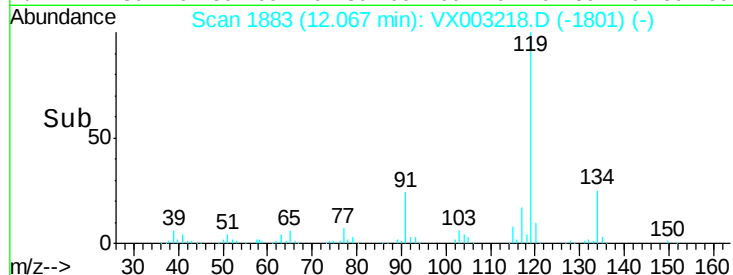
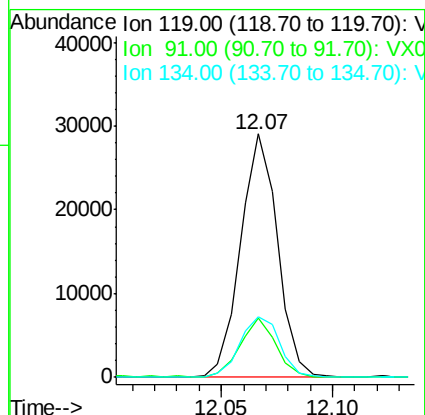
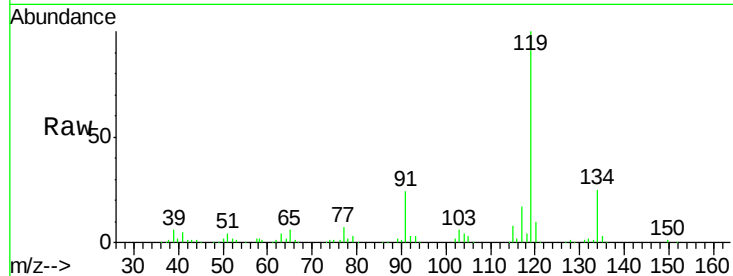




#79
tert-butylbenzene
Concen: 2.562 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003218.D
Acq: 06 Jul 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(JULY)DL

Tot Ion:119 Resp: 33649
Ion Ratio Lower Upper
119 100
91 23.8 0.0 48.0
134 26.9 0.0 52.6



#82
p-Isopropyltoluene
Concen: 2.562 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003218.D
Acq: 06 Jul 2018 16:20

Tgt Ion:119 Resp: 33649
Ion Ratio Lower Upper
119 100
134 26.9 0.0 52.6
91 23.8 0.0 48.0

