

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008591.D
 Acq On : 02 Apr 2019 13:13
 Operator : JC/SP
 Sample : K2187-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-TRACK-86-87

Quant Time: Apr 03 11:28:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	34141	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	195109	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	165327	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	86722	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%
60) 4-Bromofluorobenzene	11.13	95	80927	28.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.63%
63) Toluene-d8	8.71	98	243240	31.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.33%

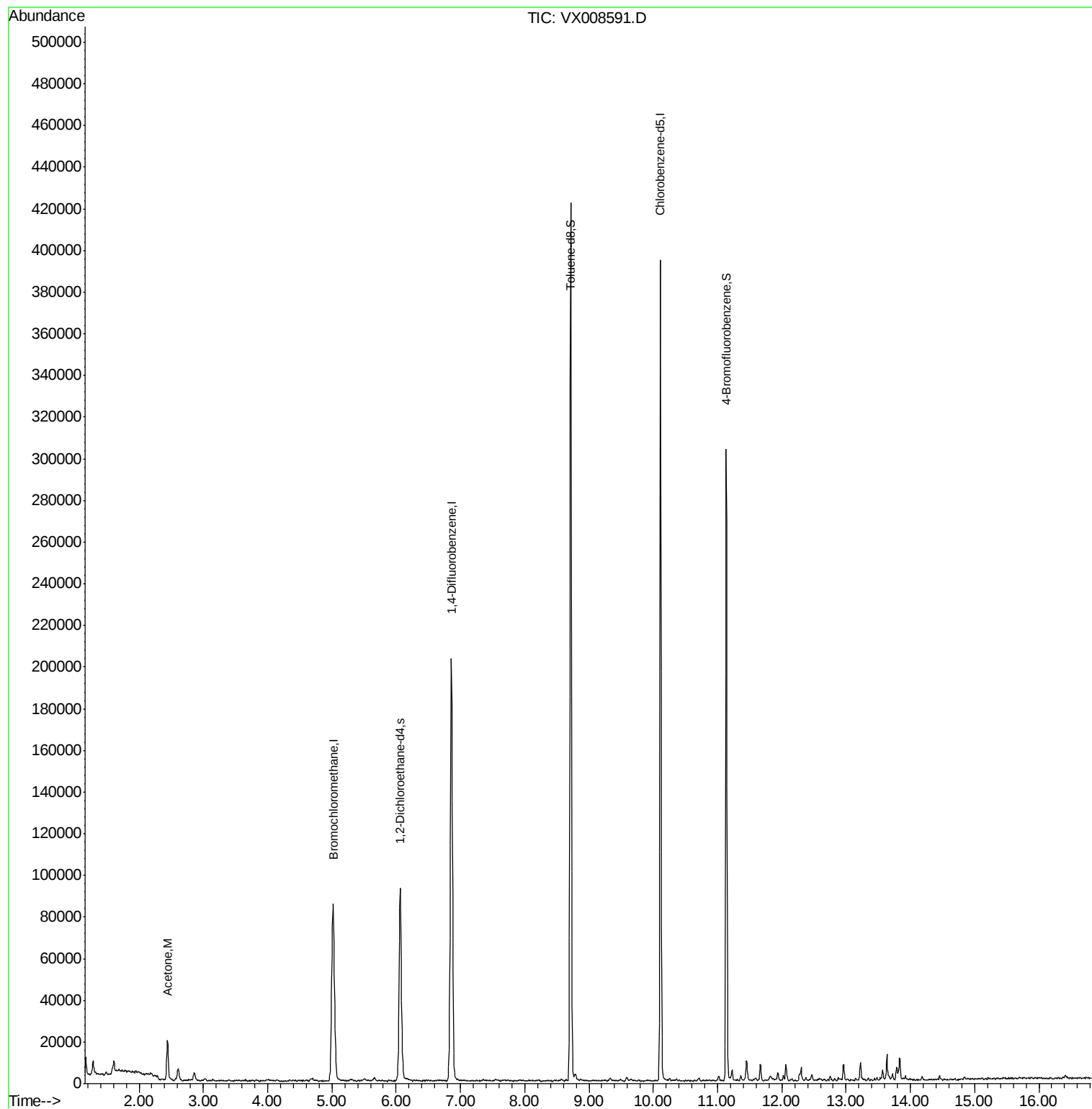
Target Compounds					Ovalue
15) Acetone	2.44	58	6766	13.543 ug/l	98

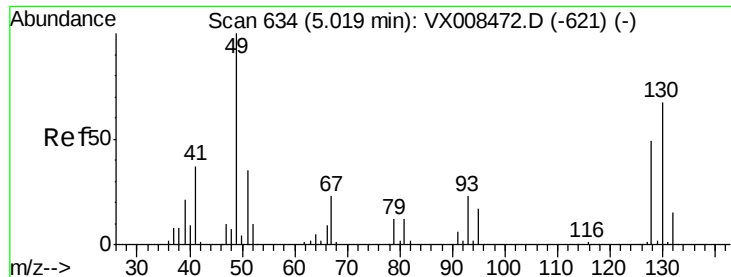
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008591.D

Acq: 02 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

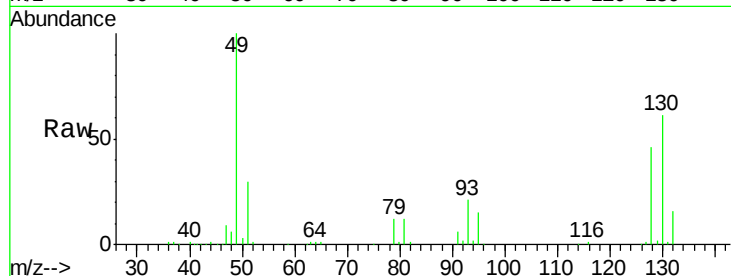
Tot Ion:128 Resp: 34141

Ion Ratio Lower Upper

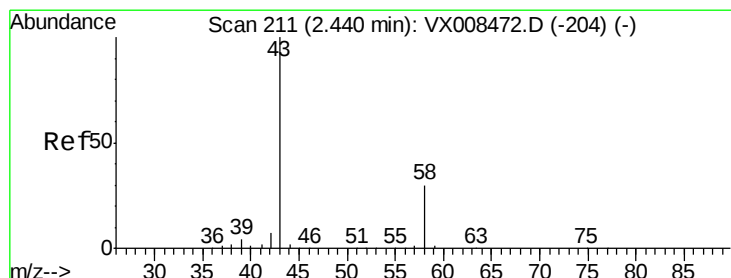
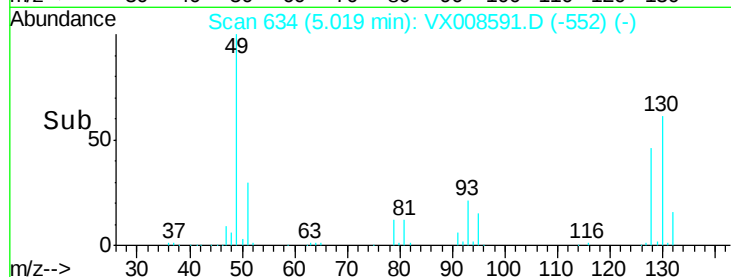
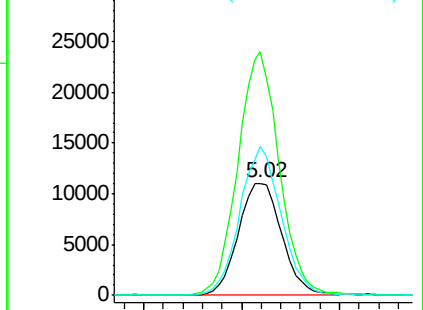
128 100

49 207.1 0.0 350.8

130 126.0 0.0 325.8



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: 13.543 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008591.D

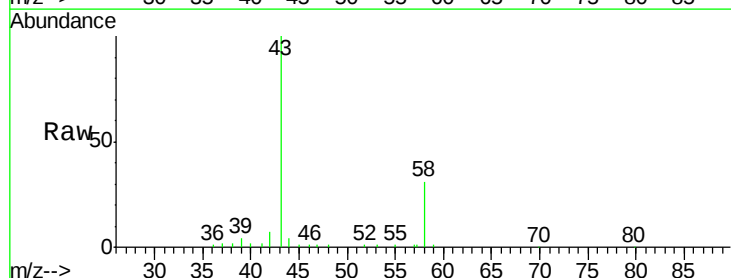
Acq: 02 Apr 2019 13:13

Tgt Ion: 58 Resp: 6766

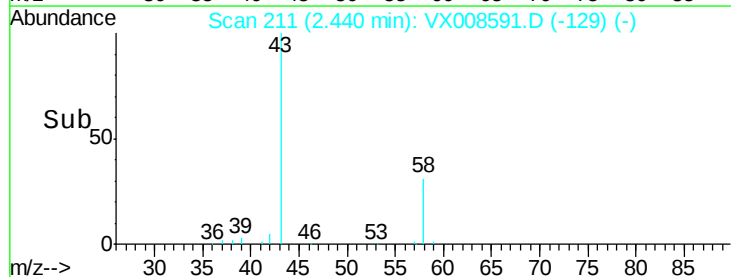
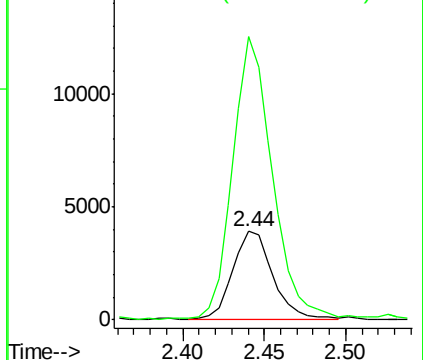
Ion Ratio Lower Upper

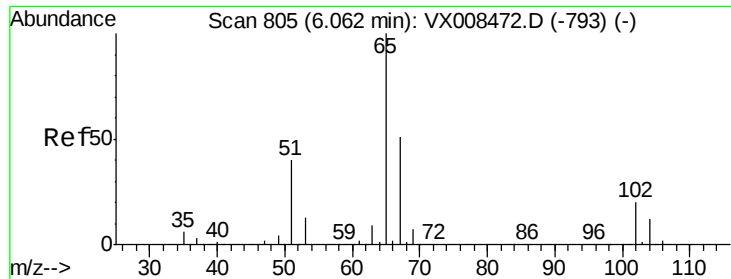
58 100

43 317.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0
Ion 43.00 (42.70 to 43.70): VX0

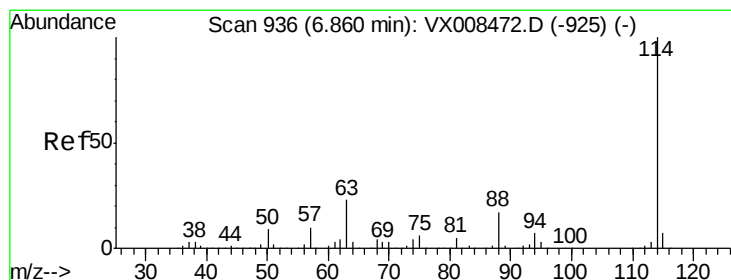
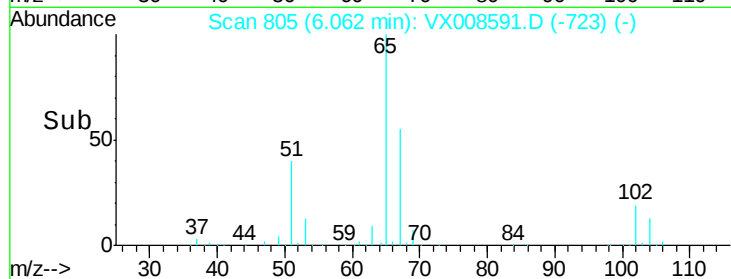
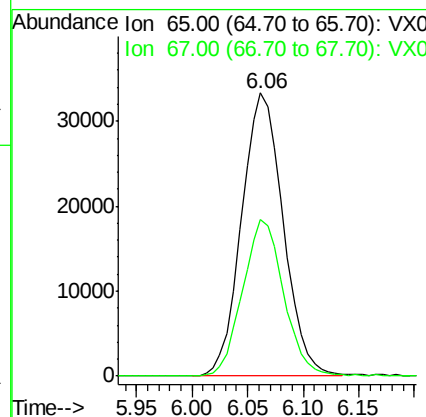
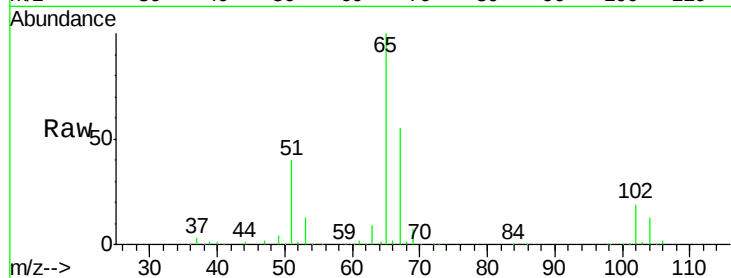




#27
 1,2-Dichloroethane-d4
 Concen: 30.364 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008591.D
 Acq: 02 Apr 2019 13:13

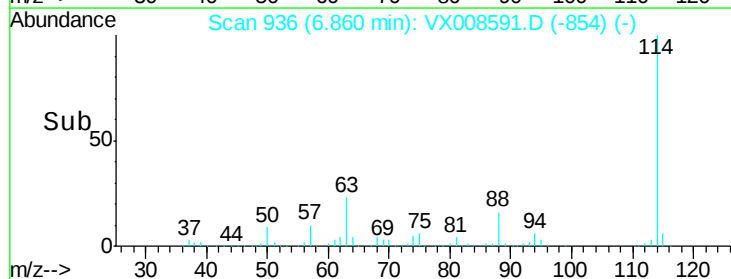
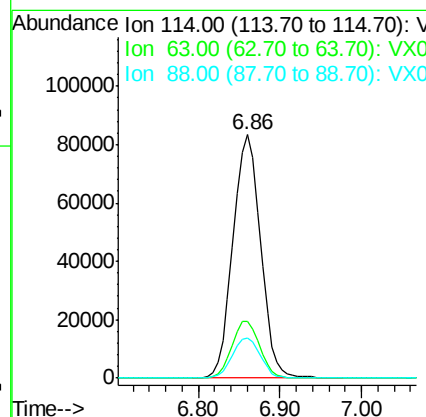
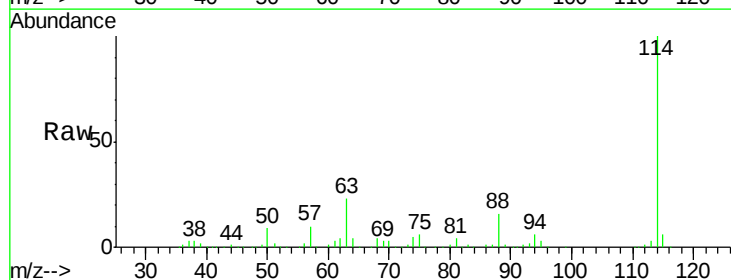
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-TRACK-86-87

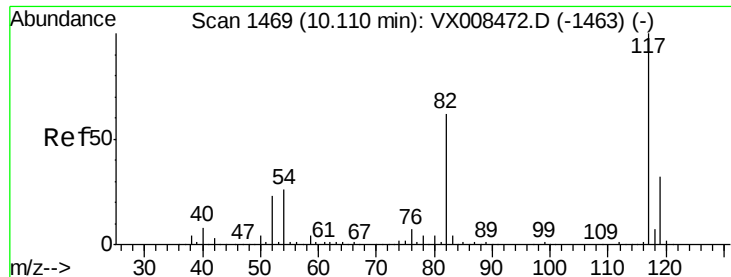
Tot Ion: 65 Resp: 86722
 Ion Ratio Lower Upper
 65 100
 67 54.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008591.D
 Acq: 02 Apr 2019 13:13

Tgt Ion: 114 Resp: 195109
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 16.7 11.9 17.9

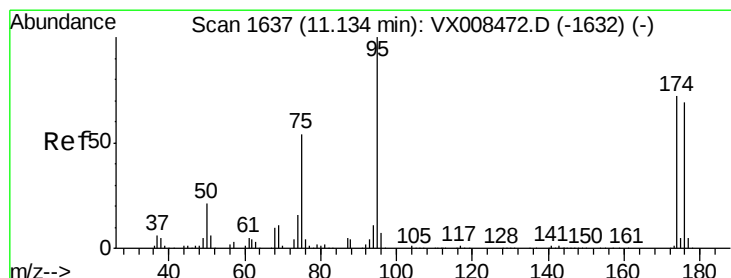
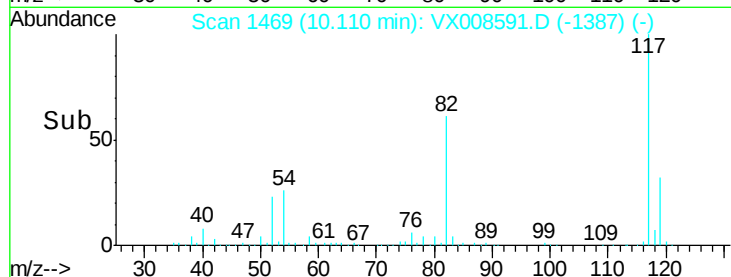
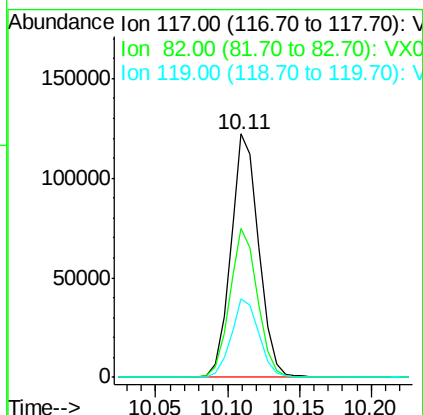
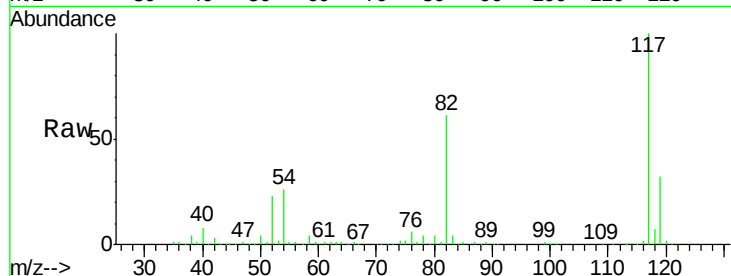




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

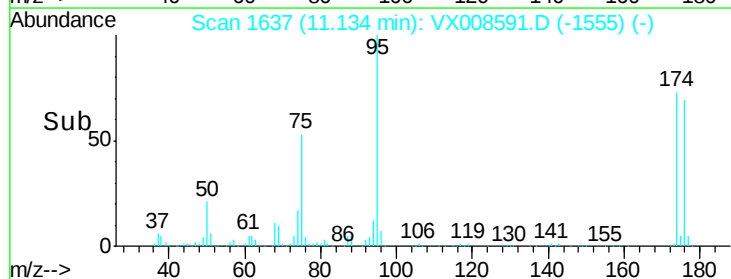
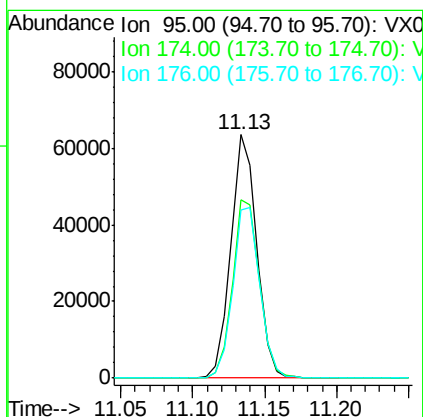
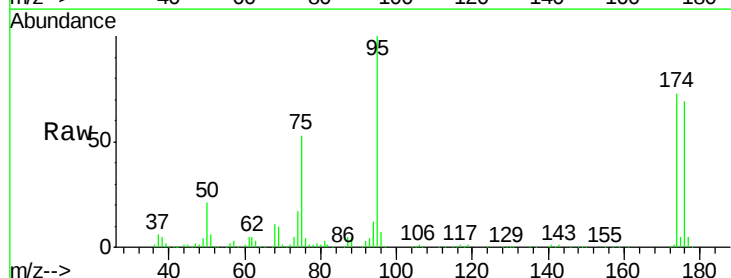
Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-86-87

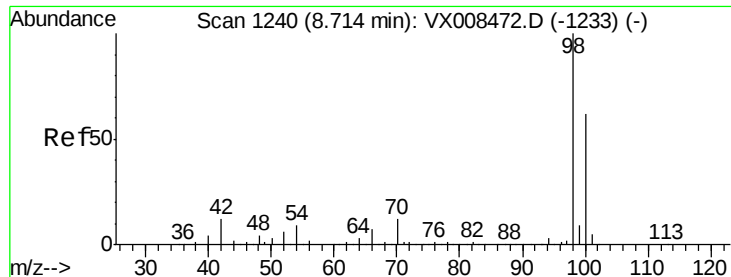
Tot Ion:117 Resp: 165327
Ion Ratio Lower Upper
117 100
82 60.9 40.4 60.6#
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.094 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008591.D
Acq: 02 Apr 2019 13:13

Tgt Ion: 95 Resp: 80927
Ion Ratio Lower Upper
95 100
174 75.5 74.9 112.3
176 72.6 70.7 106.1





#63

Toluene-d8

Concen: 30.995 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008591.D

Acq: 02 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

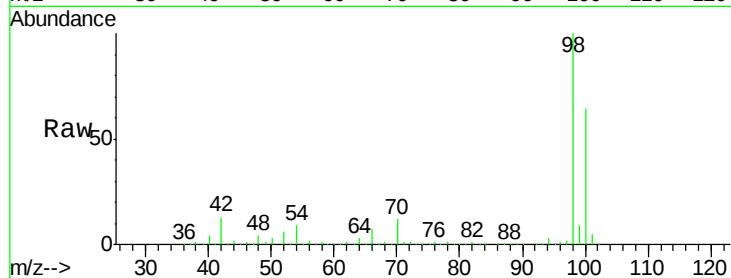
TP-TRACK-86-87

Tot Ion: 98 Resp: 243240

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

