

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008485.D
 Acq On : 27 Mar 2019 16:15
 Operator : JC/SP
 Sample : K2099-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-1H-B

Quant Time: Mar 28 10:00:47 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	5.01	128	36390	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	207647	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	179512	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	91375	30.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.07%
60) 4-Bromofluorobenzene	11.13	95	89516	28.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.40%
63) Toluene-d8	8.71	98	262427	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

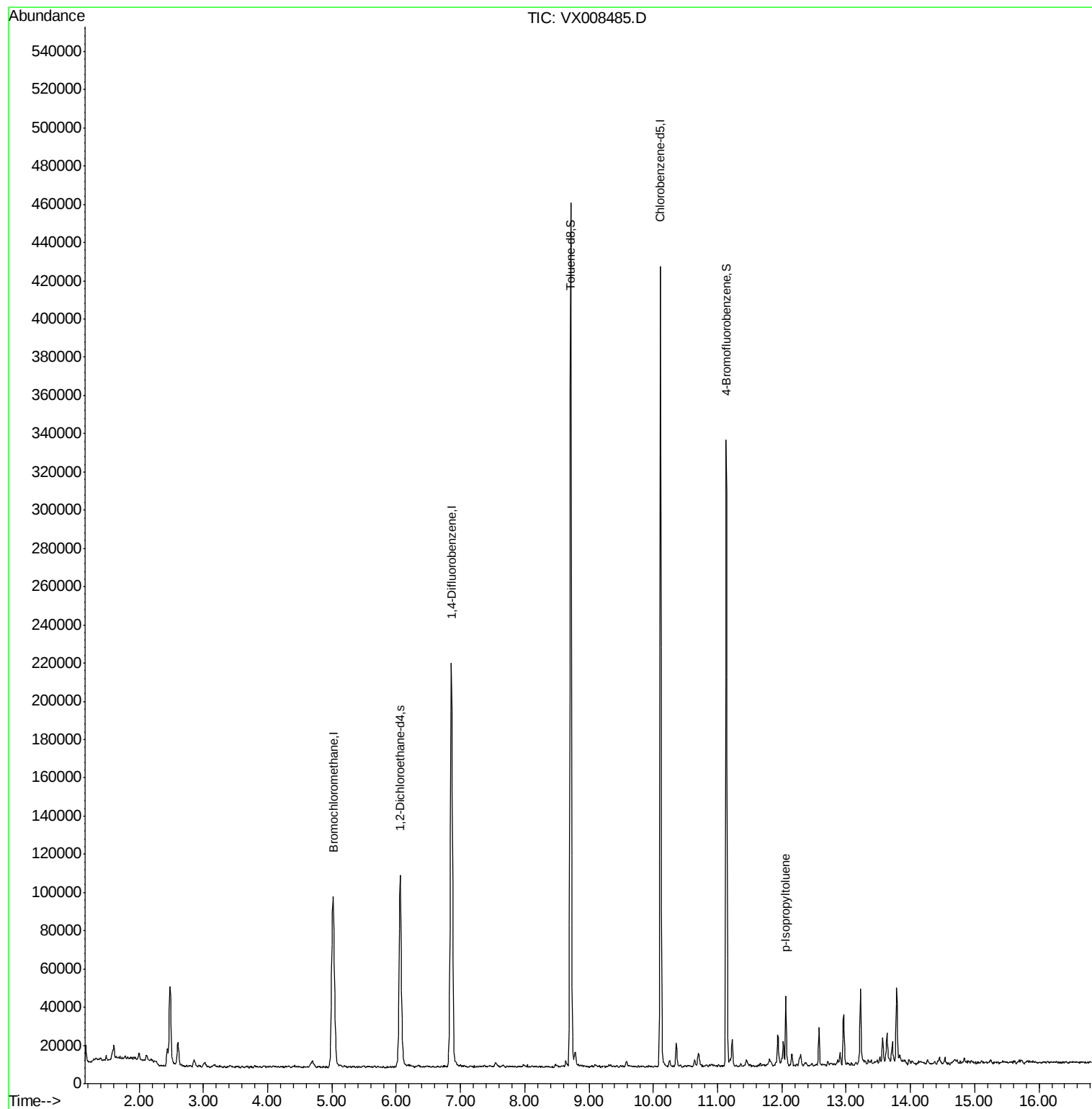
Target Compounds					Ovalue
82) p-Isopropyltoluene	12.06	119	14176	1.428 ug/l	95

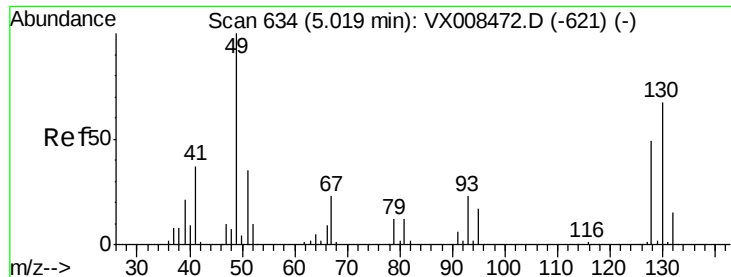
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008485.D

Acq: 27 Mar 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

MH-C05-SETTLED-1H-B

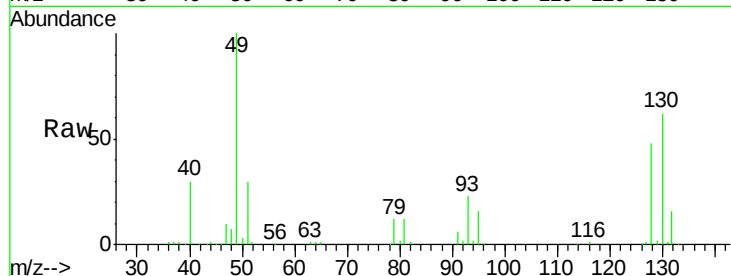
Tot Ion:128 Resp: 36390

Ion Ratio Lower Upper

128 100

49 206.1 0.0 350.8

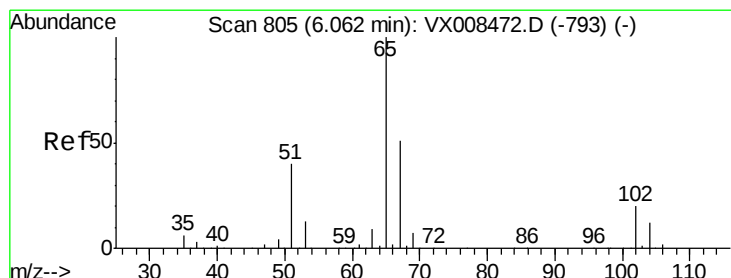
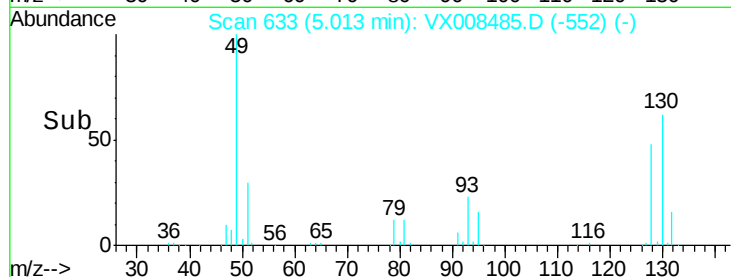
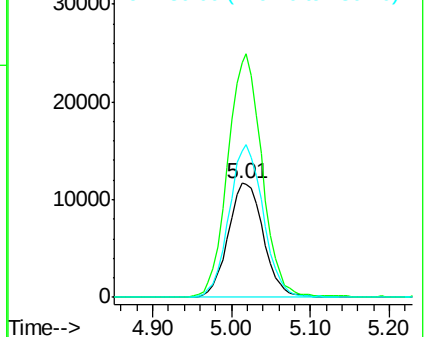
130 128.7 0.0 325.8



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



#27

1,2-Dichloroethane-d4

Concen: 30.016 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008485.D

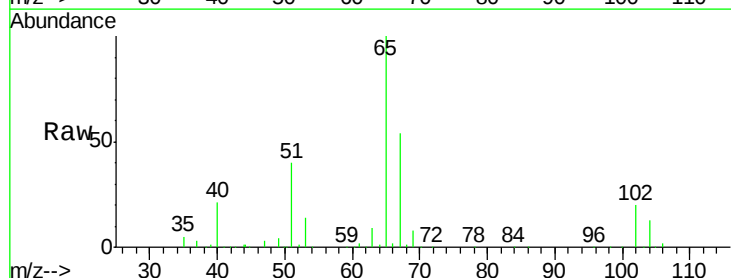
Acq: 27 Mar 2019 16:15

Tgt Ion: 65 Resp: 91375

Ion Ratio Lower Upper

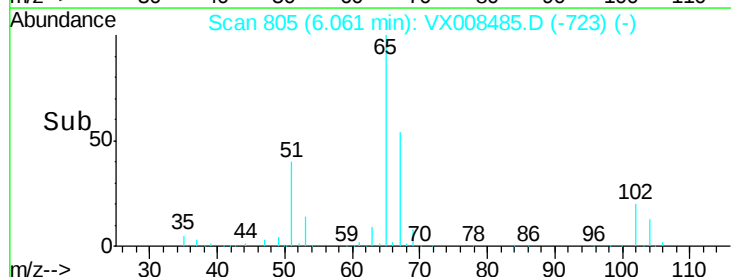
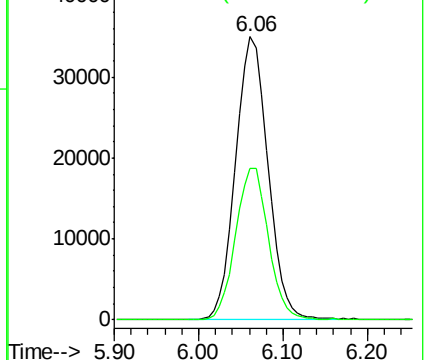
65 100

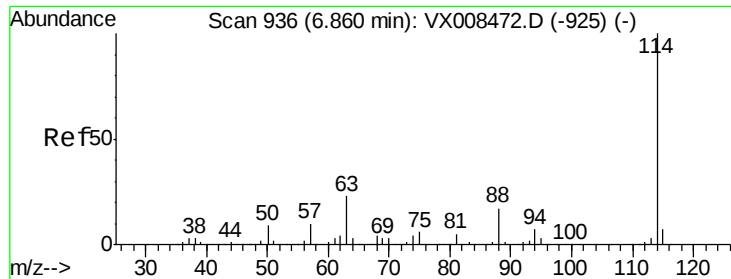
67 54.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

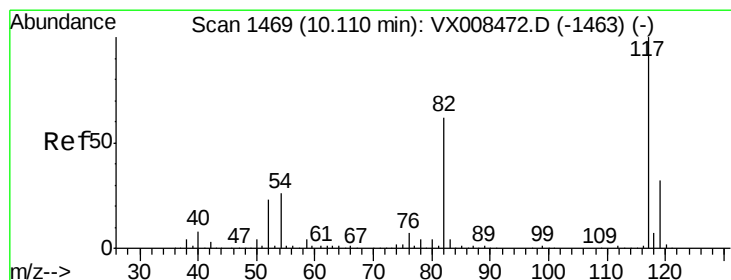
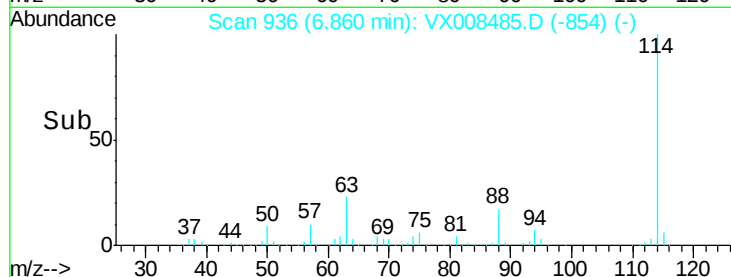
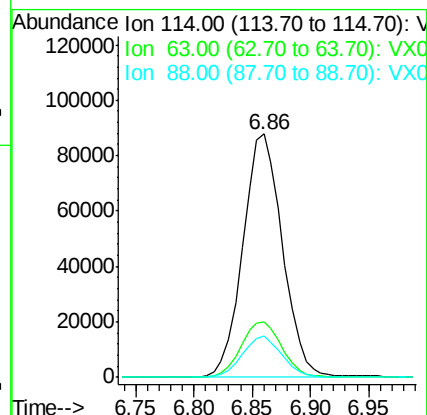
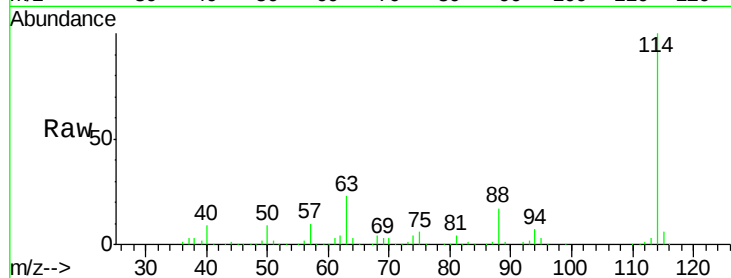




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

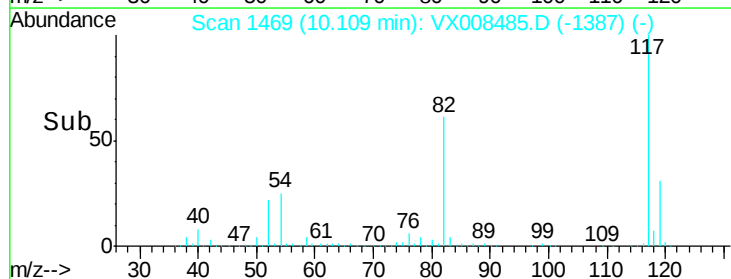
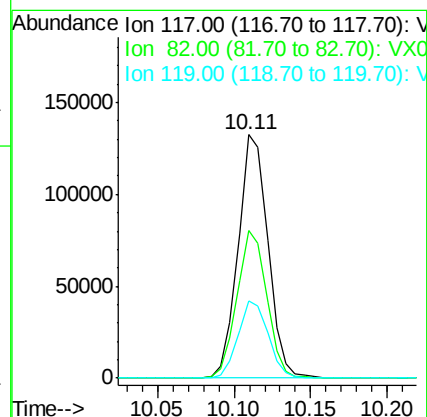
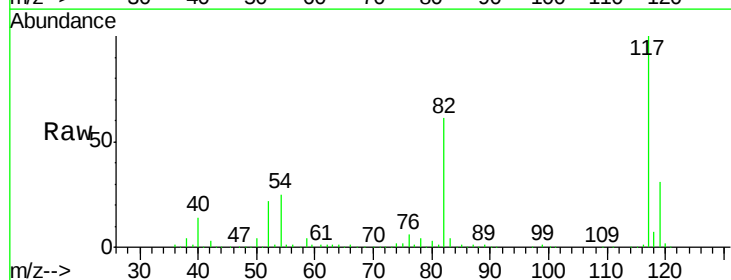
Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

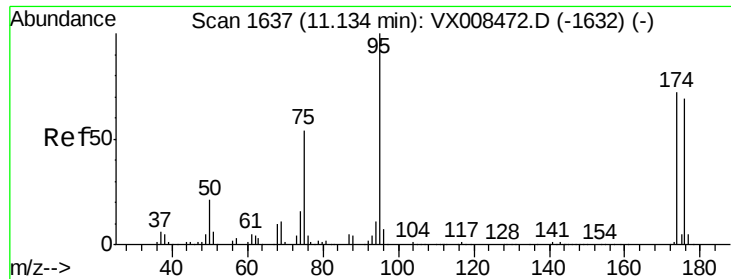
Tot Ion:114 Resp: 207647
Ion Ratio Lower Upper
114 100
63 23.5 14.2 21.4#
88 17.0 11.9 17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:117 Resp: 179512
Ion Ratio Lower Upper
117 100
82 60.5 40.4 60.6
119 32.1 25.8 38.6

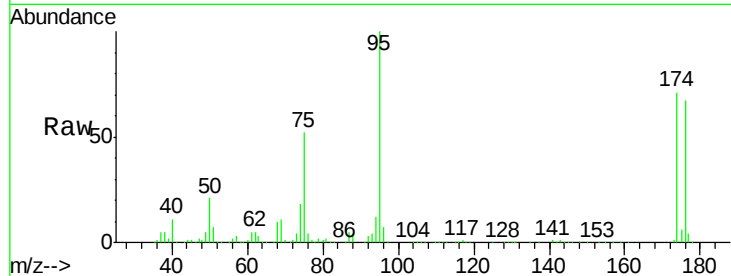




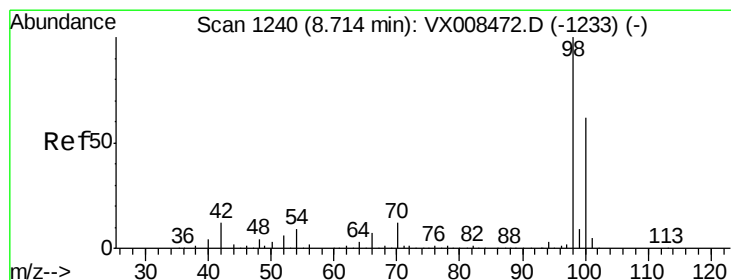
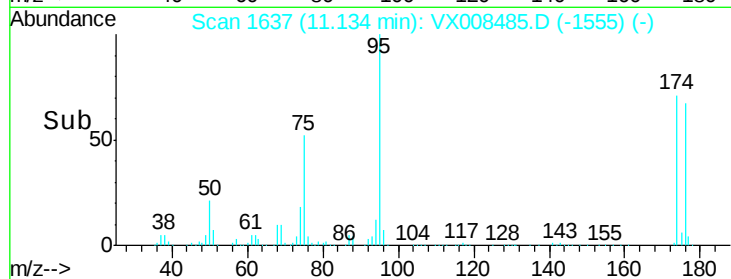
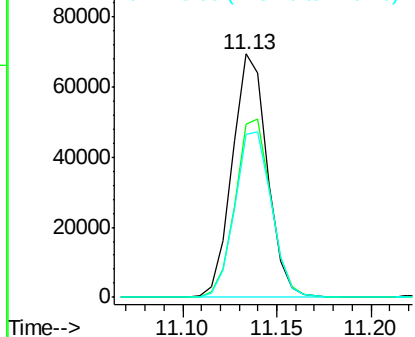
#60
4-Bromofluorobenzene
Concen: 28.620 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tot Ion: 95 Resp: 89516
Ion Ratio Lower Upper
95 100
174 75.0 74.9 112.3
176 71.4 70.7 106.1

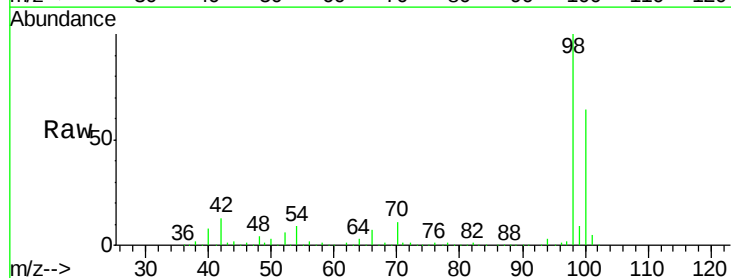


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

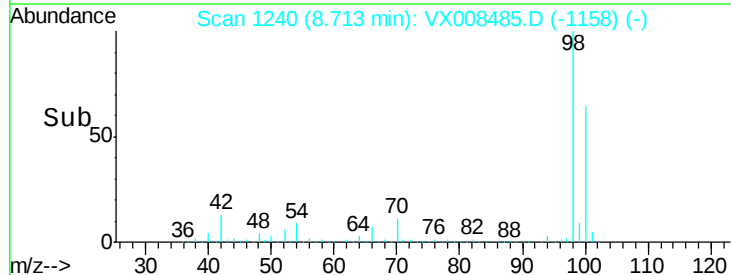
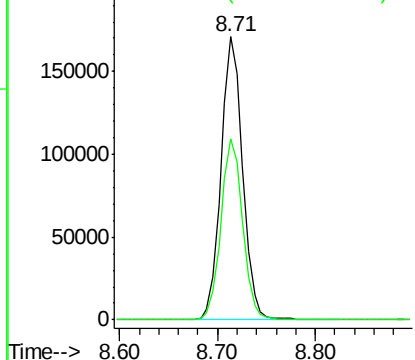


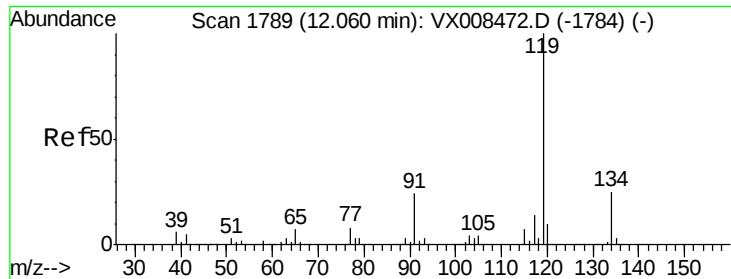
#63
Toluene-d8
Concen: 30.798 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion: 98 Resp: 262427
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#82
 p-Isopropyltoluene
 Concen: 1.428 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008485.D
 Acq: 27 Mar 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-1H-B

Tot Ion	Ion	Ratio	Lower	Upper
119	100			
134	26.2	0.0	55.4	
91	25.8	0.0	45.0	

