

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012874.D
 Acq On : 08 Oct 2019 06:23
 Operator : JC/SP
 Sample : K5122-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-CHY02

Quant Time: Oct 08 13:21:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

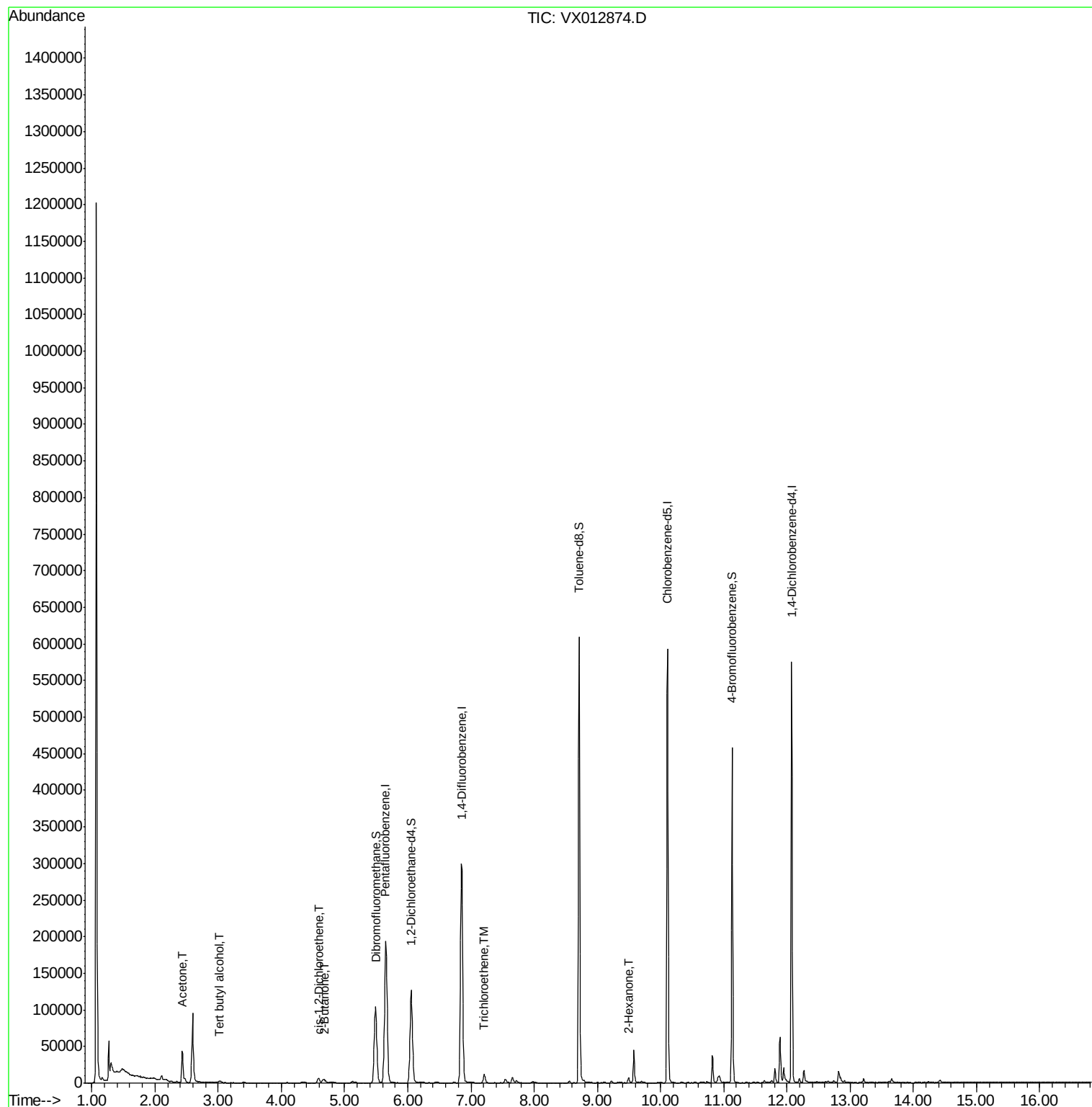
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121219	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	90522	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	8.71	98	359096	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.14	95	128572	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	2705	4.158	ug/l	95
16) Acetone	2.43	43	46072	33.403	ug/l	97
25) 2-Butanone	4.67	43	10261	5.188	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	4103	1.660	ug/l	85
44) Trichloroethene	7.21	130	4381	2.009	ug/l	87
59) 2-Hexanone	9.50	43	4445	1.659	ug/l	92

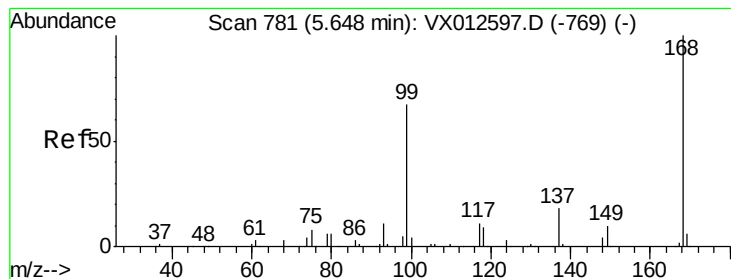
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012874.D

Acq: 08 Oct 2019 06:23

Instrument :

MSVOA_X

ClientSampleId :

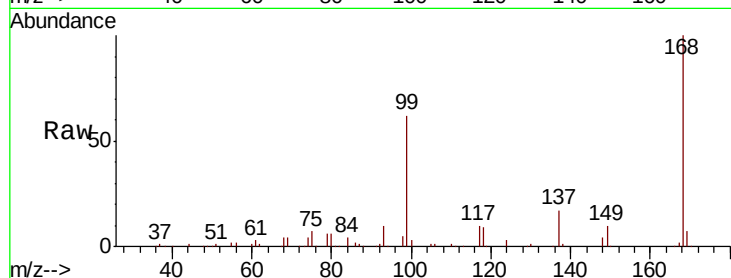
FA19-CHY02

Tot Ion:168 Resp: 178822

Ion Ratio Lower Upper

168 100

99 62.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

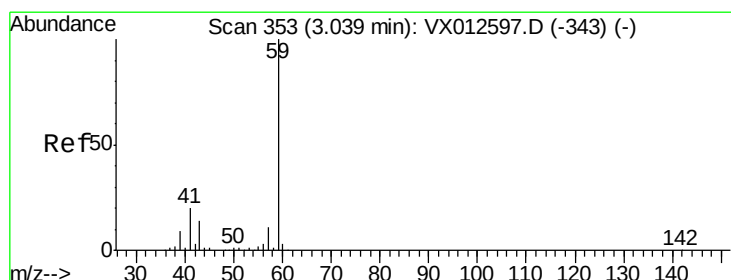
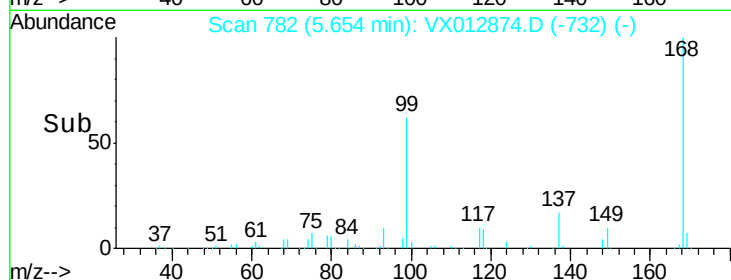
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.158 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012874.D

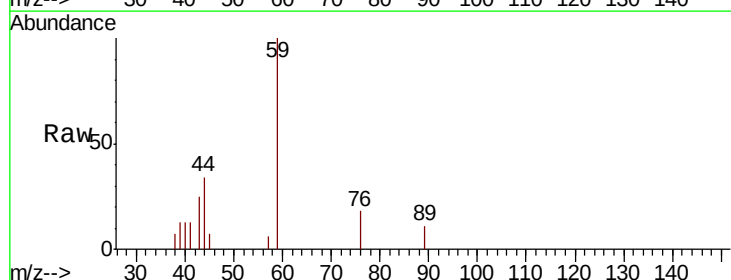
Acq: 08 Oct 2019 06:23

Tgt Ion: 59 Resp: 2705

Ion Ratio Lower Upper

59 100

57 8.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

1200

1000

800

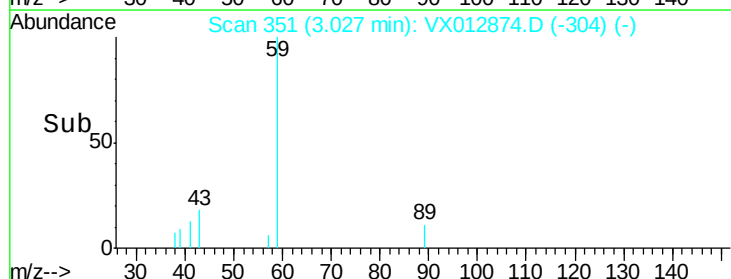
600

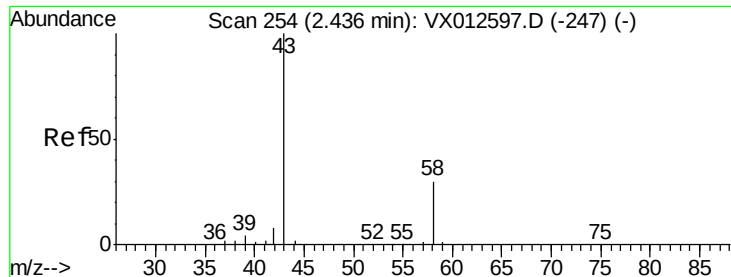
400

200

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 33.403 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012874.D

Acq: 08 Oct 2019 06:23

Instrument :

MSVOA_X

ClientSampled :

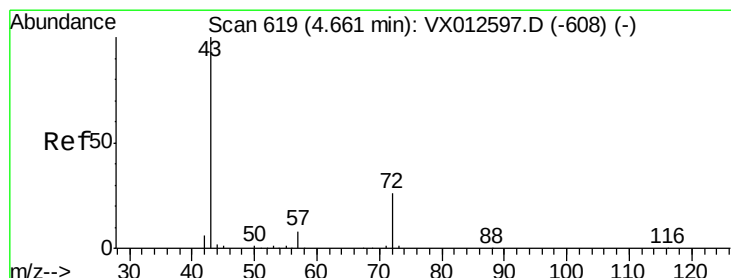
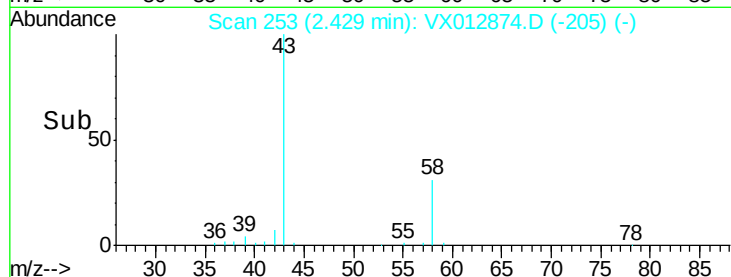
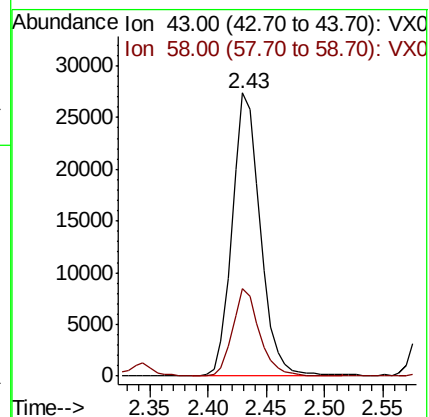
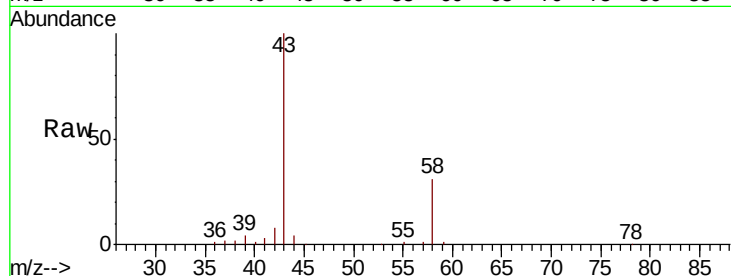
FA19-CHY02

Tot Ion: 43 Resp: 46072

Ion Ratio Lower Upper

43 100

58 31.0 23.3 34.9



#25

2-Butanone

Concen: 5.188 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX012874.D

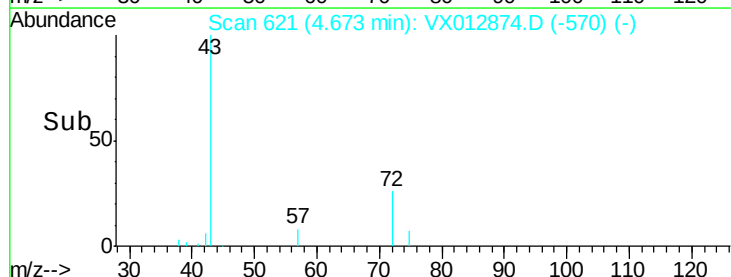
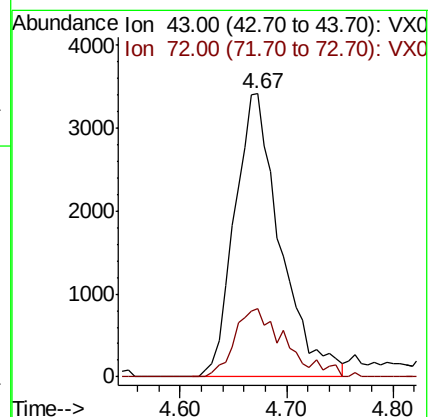
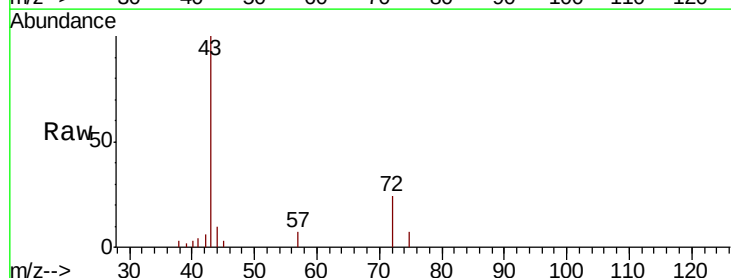
Acq: 08 Oct 2019 06:23

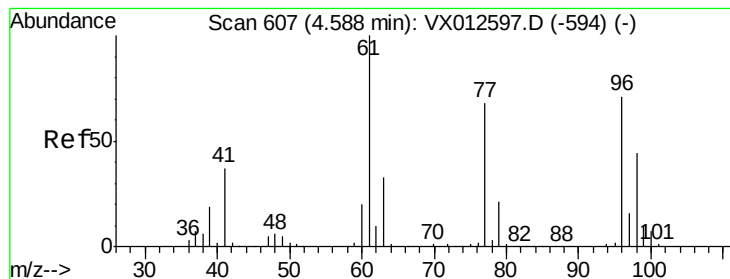
Tgt Ion: 43 Resp: 10261

Ion Ratio Lower Upper

43 100

72 24.2 19.2 28.8



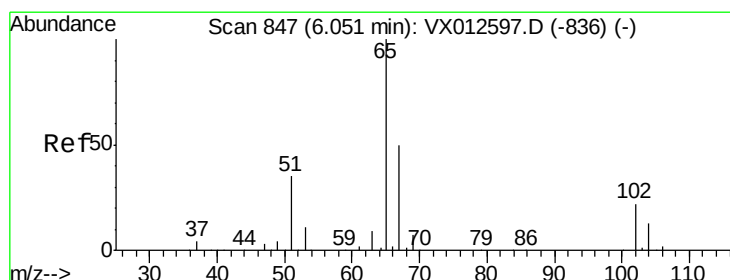
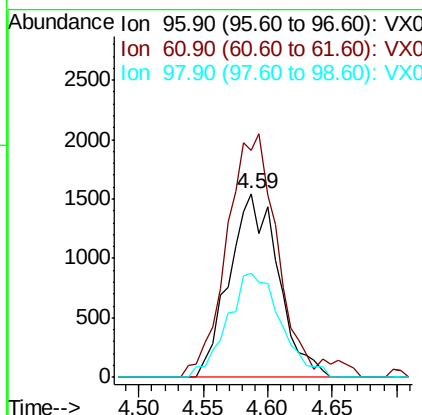
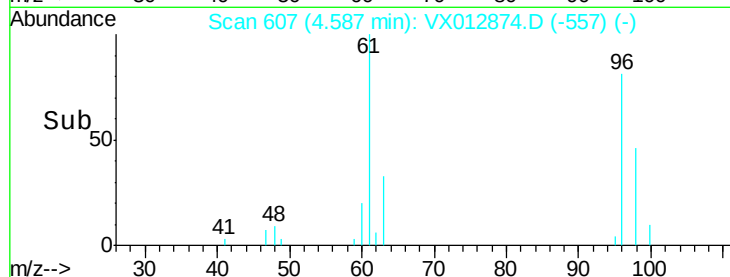
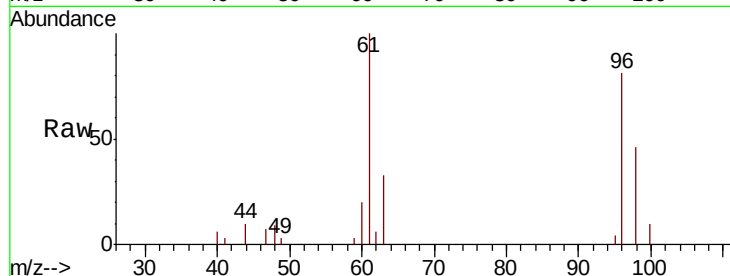


#27

cis-1,2-Dichloroethene
Concen: 1.660 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampled :
FA19-CHY02

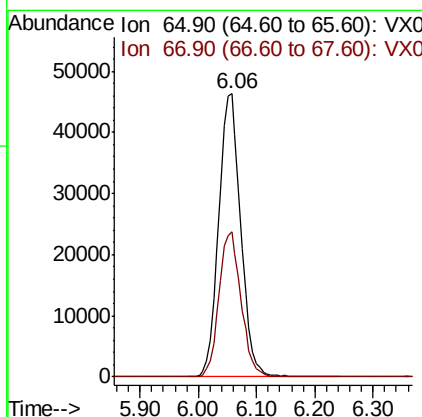
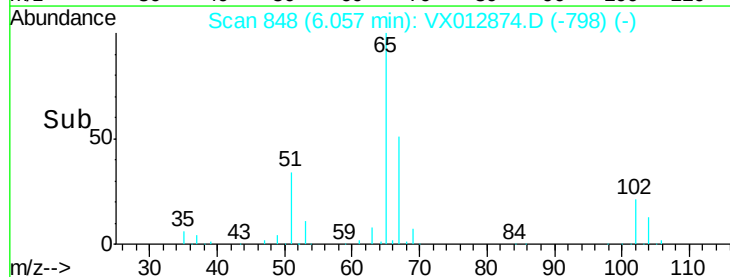
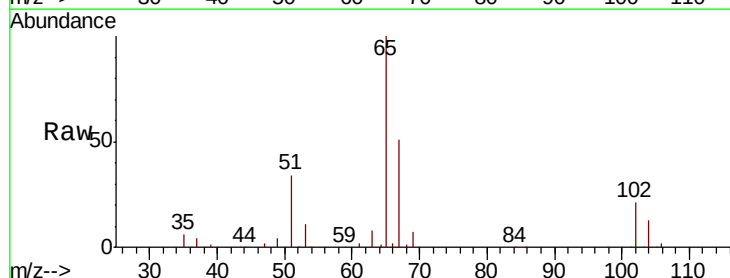
Tot Ion: 96 Resp: 4103
Ion Ratio Lower Upper
96 100
61 134.2 0.0 319.4
98 61.4 0.0 130.6

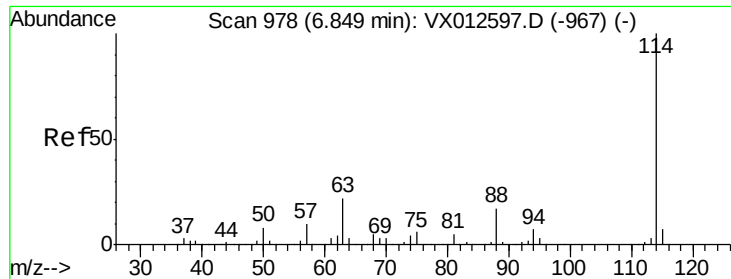


#33

1,2-Dichloroethane-d4
Concen: 46.551 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 65 Resp: 121219
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2

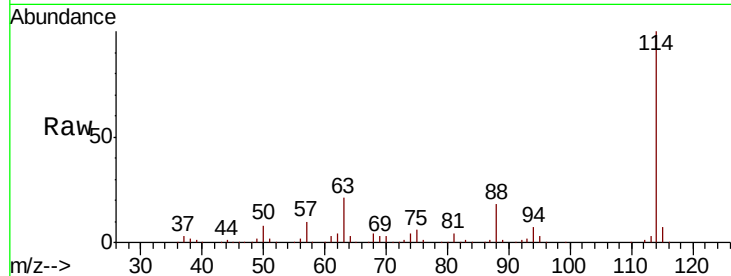




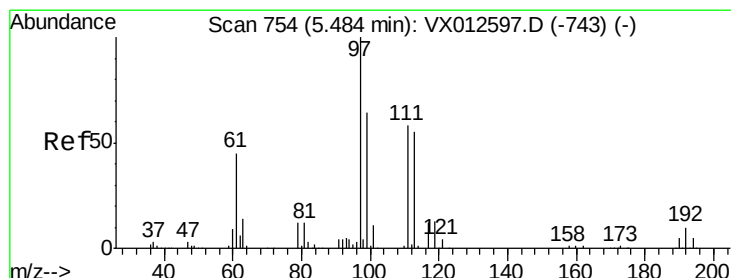
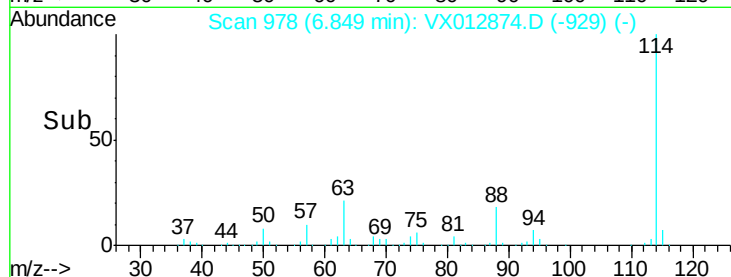
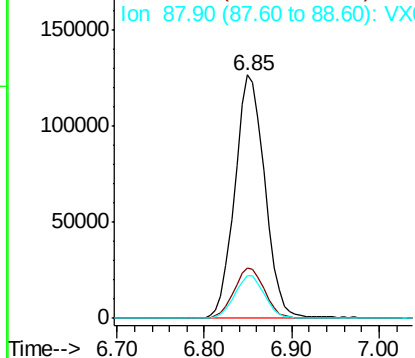
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012874.D
 Acq: 08 Oct 2019 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-CHY02

Tot Ion:114 Resp: 300820
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 17.6 0.0 33.2

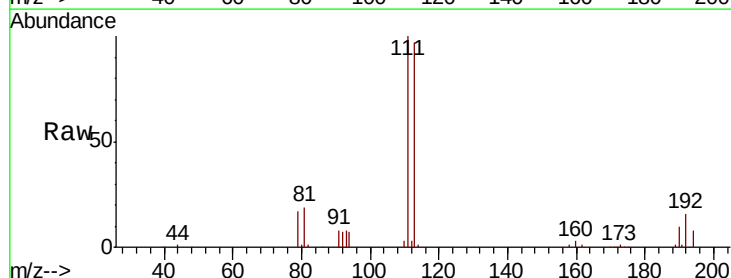


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

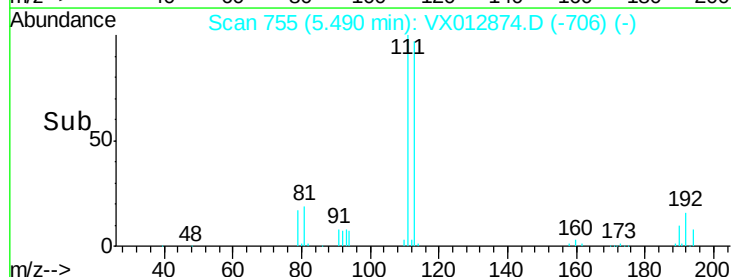
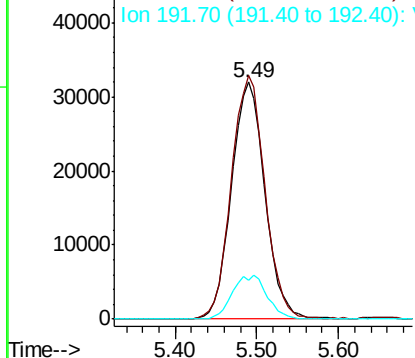


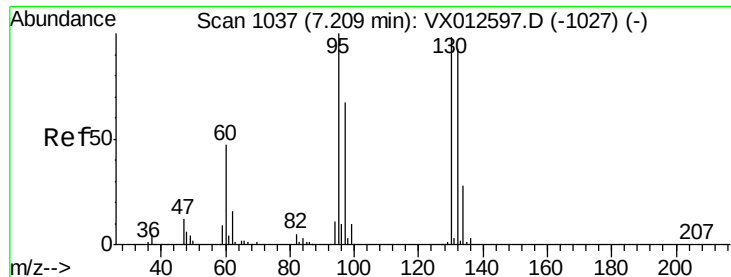
#35
 Dibromofluoromethane
 Concen: 50.528 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012874.D
 Acq: 08 Oct 2019 06:23

Tgt Ion:113 Resp: 90522
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 19.3 14.4 21.6



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





#44

Trichloroethene

Concen: 2.009 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012874.D

Acq: 08 Oct 2019 06:23

Instrument :

MSVOA_X

ClientSampleId :

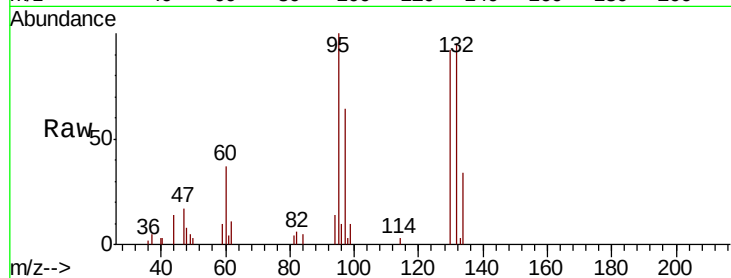
FA19-CHY02

Tot Ion:130 Resp: 4381

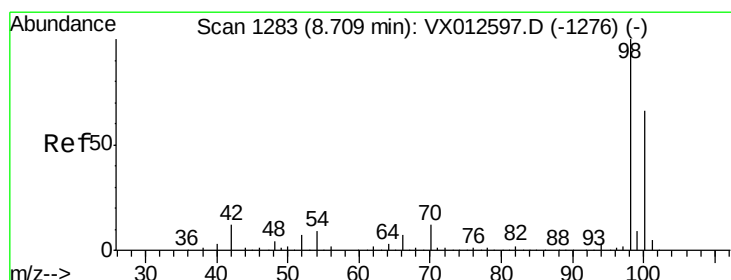
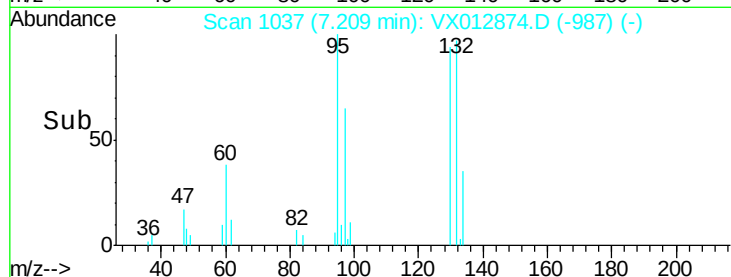
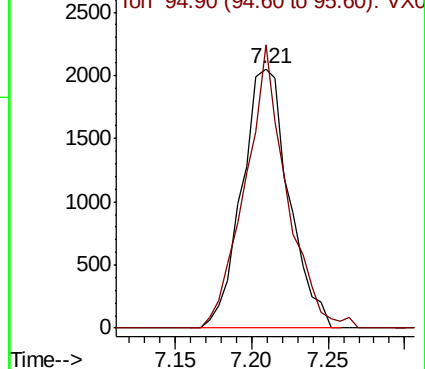
Ion Ratio Lower Upper

130 100

95 109.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VX012597.D (-1027) (-)



#50

Toluene-d8

Concen: 52.049 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012874.D

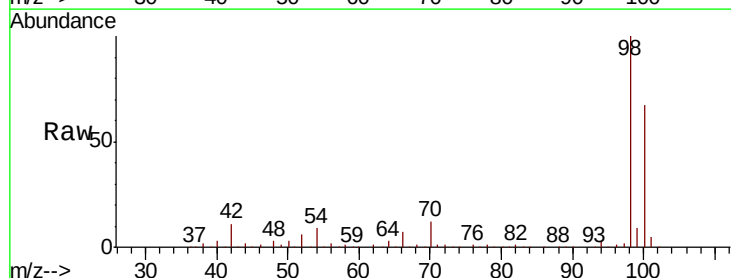
Acq: 08 Oct 2019 06:23

Tgt Ion: 98 Resp: 359096

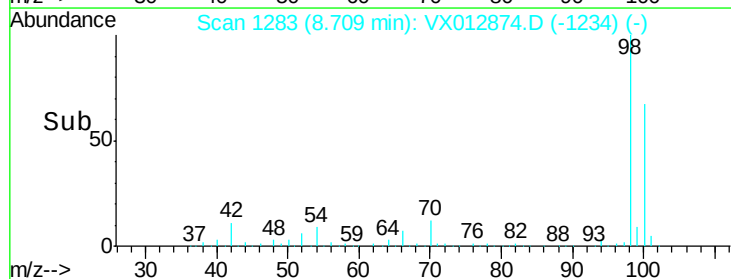
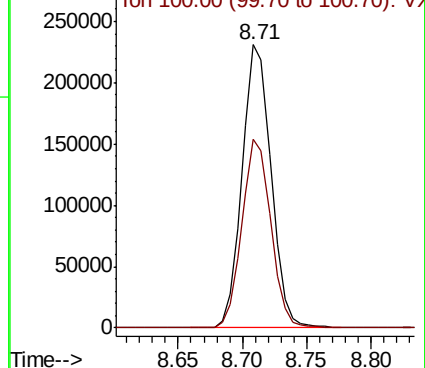
Ion Ratio Lower Upper

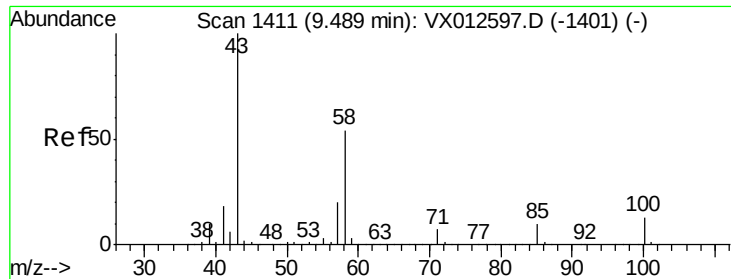
98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012597.D (-1276) (-)

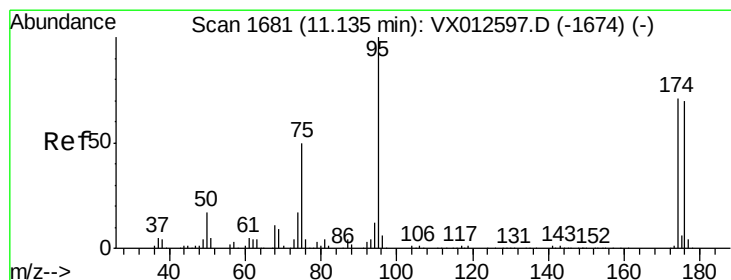
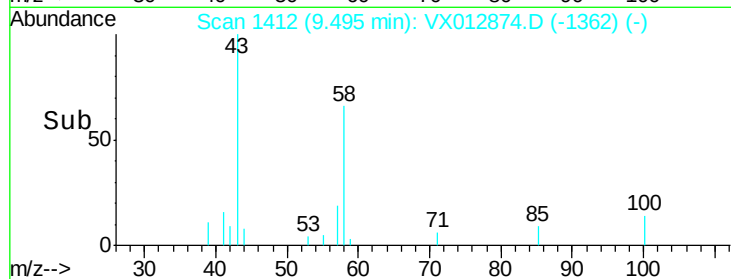
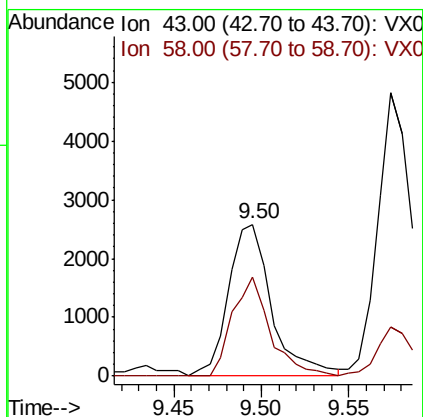
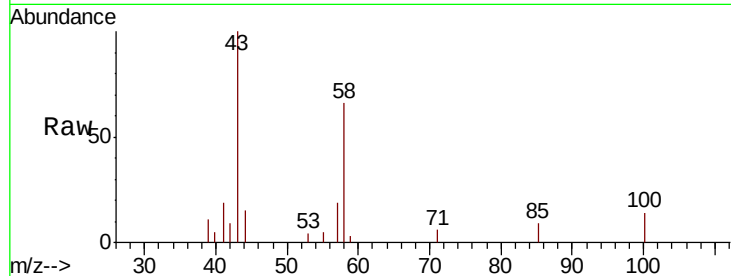




#59
2-Hexanone
Concen: 1.659 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

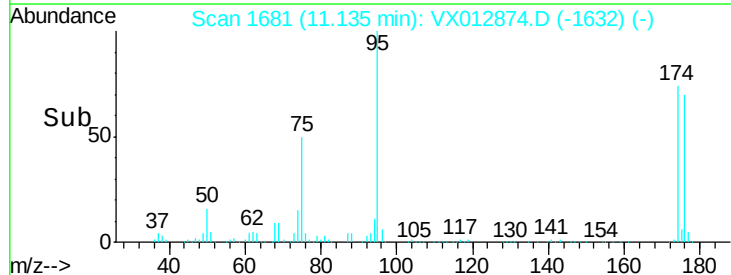
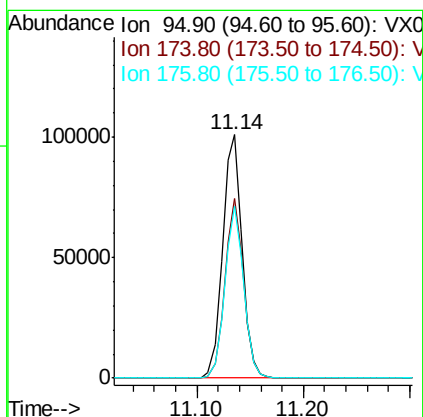
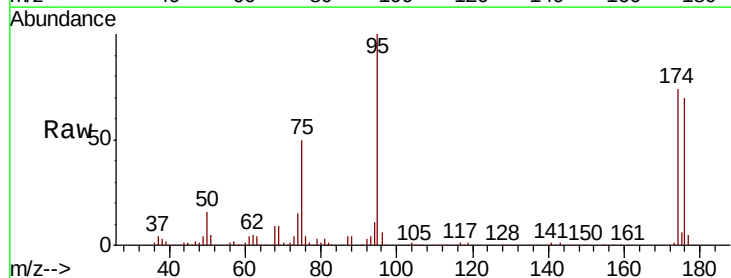
Instrument :
MSVOA_X
ClientSampled :
FA19-CHY02

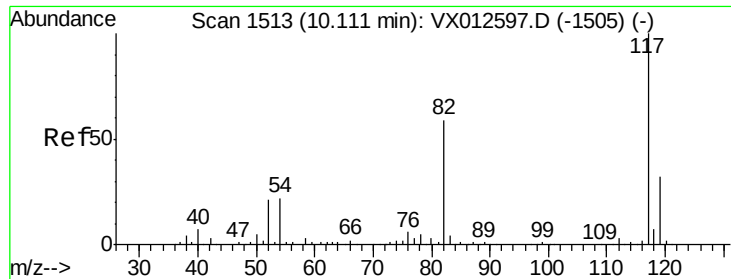
Tot Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
58 56.9 25.7 77.1



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion: 95 Resp: 128572
Ion Ratio Lower Upper
95 100
174 71.0 0.0 140.0
176 68.6 0.0 135.4

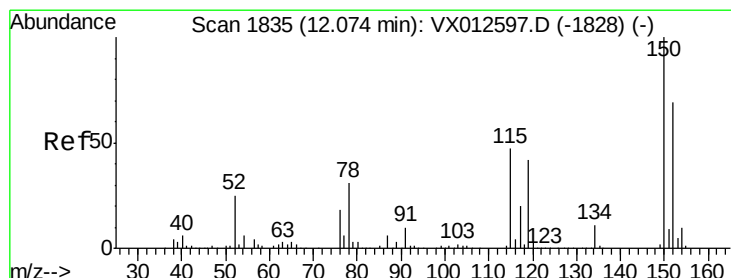
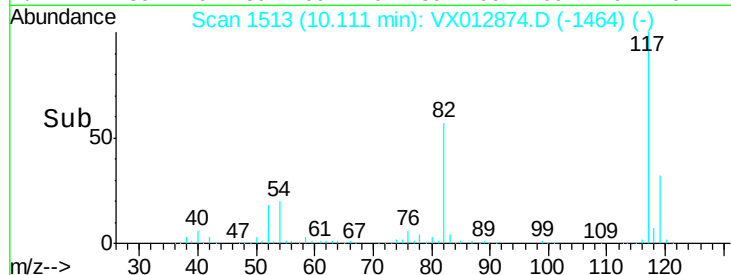
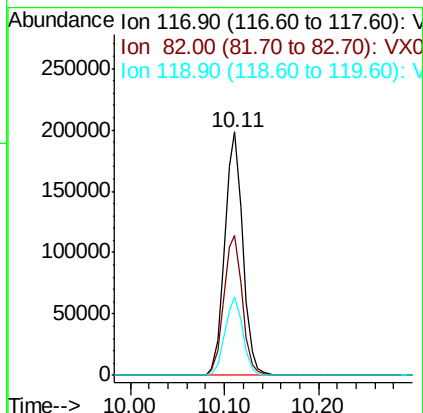
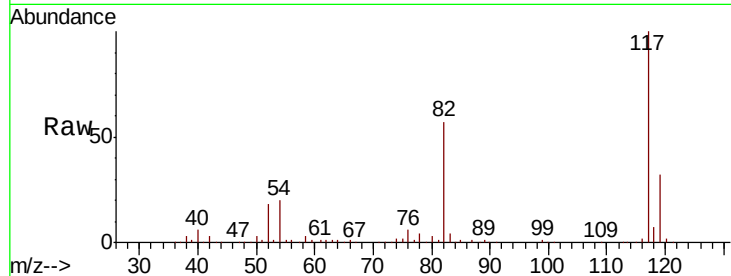




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY02

Tot Ion:117 Resp: 263330
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012874.D
Acq: 08 Oct 2019 06:23

Tgt Ion:152 Resp: 109559
Ion Ratio Lower Upper
152 100
115 65.0 44.1 132.3
150 156.4 0.0 343.8

