

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013080.D
 Acq On : 15 Oct 2019 16:04
 Operator : JC/SP
 Sample : K5336-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW6001

Quant Time: Oct 16 06:58:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

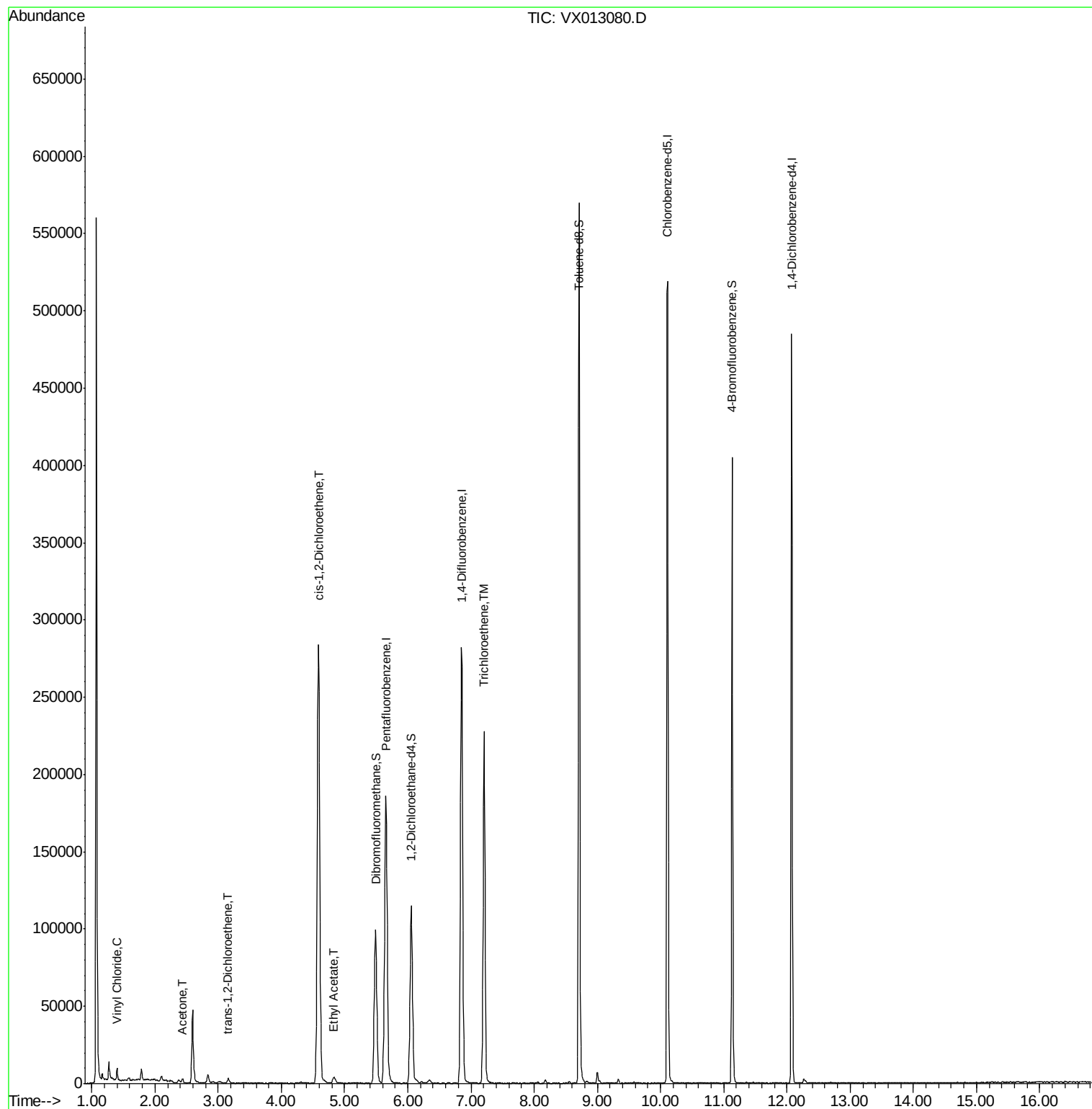
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109855	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.49	113	85592	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	8.71	98	336026	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.14	95	110699	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	3123	1.562	ug/l	89
16) Acetone	2.44	43	3039	2.641	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	1261	0.667	ug/l	80
27) cis-1,2-Dichloroethene	4.59	96	183894	84.326	ug/l	88
37) Ethyl Acetate	4.83	43	8073	2.868	ug/l #	81
44) Trichloroethene	7.21	130	89734	43.528	ug/l	94

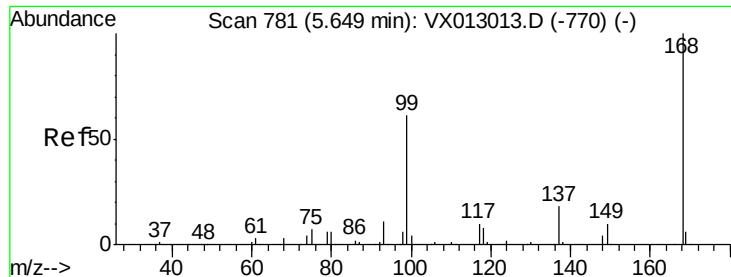
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013080.D

Acq: 15 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

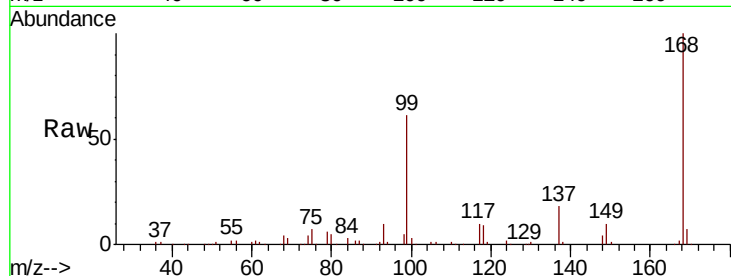
FA19-JMW6001

Tot Ion:168 Resp: 174670

Ion Ratio Lower Upper

168 100

99 61.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

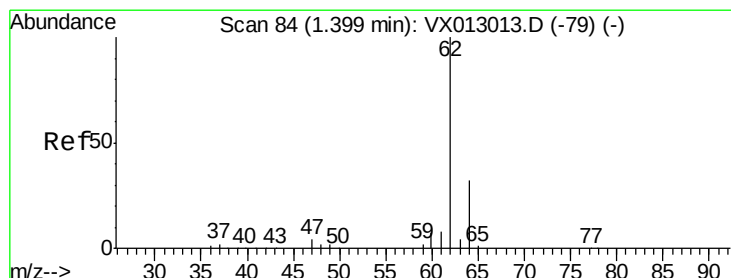
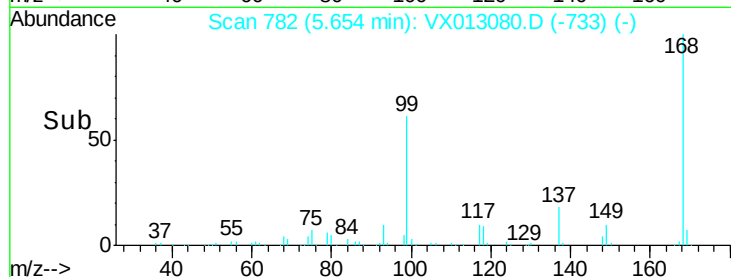
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.562 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013080.D

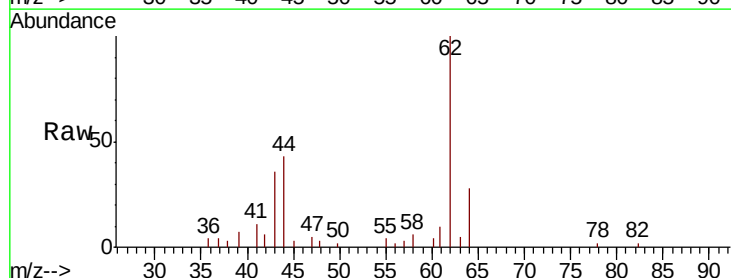
Acq: 15 Oct 2019 16:04

Tgt Ion: 62 Resp: 3123

Ion Ratio Lower Upper

62 100

64 25.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

4000

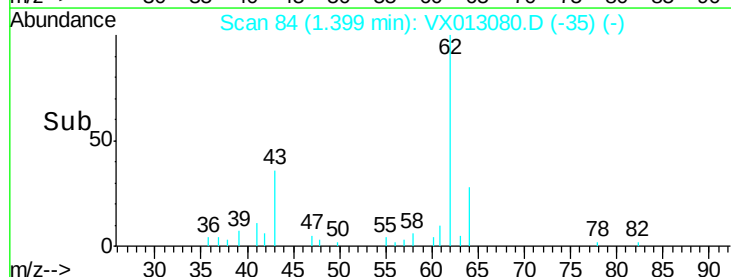
3000

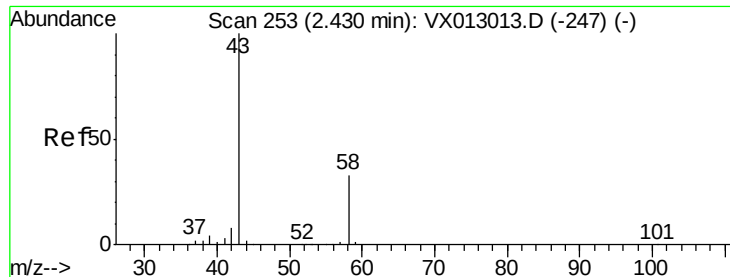
2000

1000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 2.641 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013080.D

Acq: 15 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

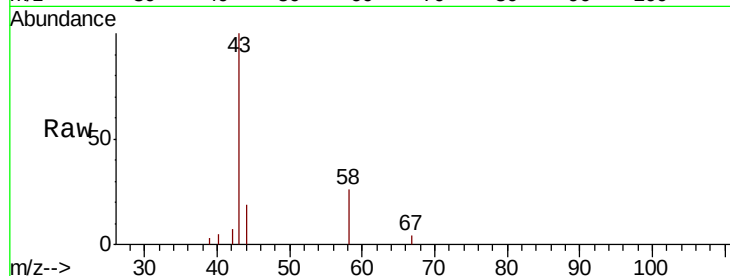
FA19-JMW6001

Tot Ion: 43 Resp: 3039

Ion Ratio Lower Upper

43 100

58 26.3 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1500

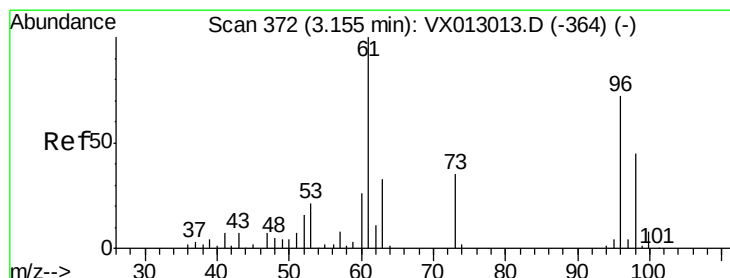
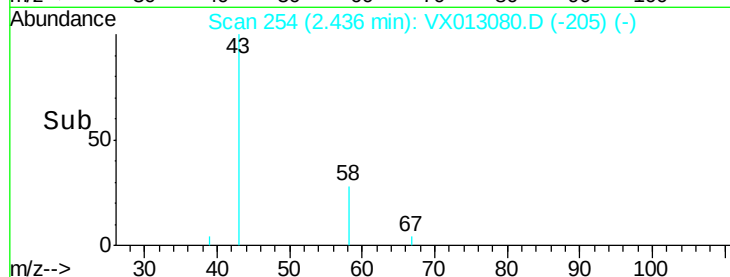
1000

500

0

Time-->

2.40 2.45 2.50



#21

trans-1,2-Dichloroethene

Concen: 0.667 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013080.D

Acq: 15 Oct 2019 16:04

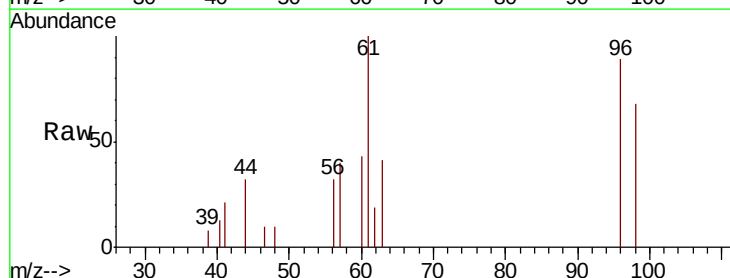
Tgt Ion: 96 Resp: 1261

Ion Ratio Lower Upper

96 100

61 111.8 110.4 165.6

98 76.3 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

600

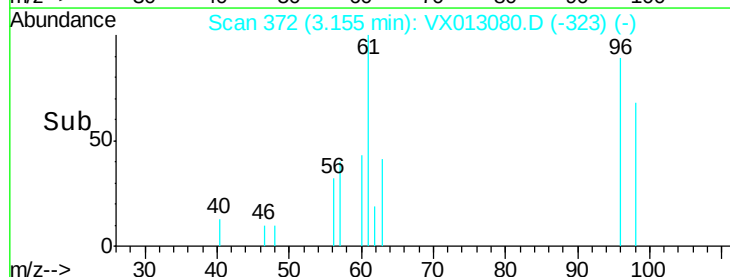
400

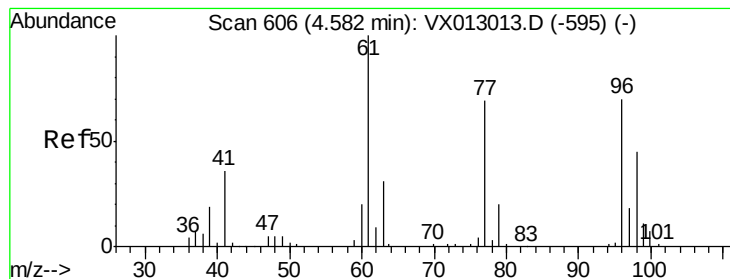
200

0

Time-->

3.10 3.15 3.20



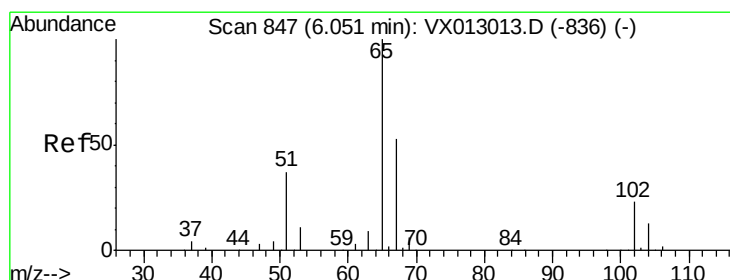
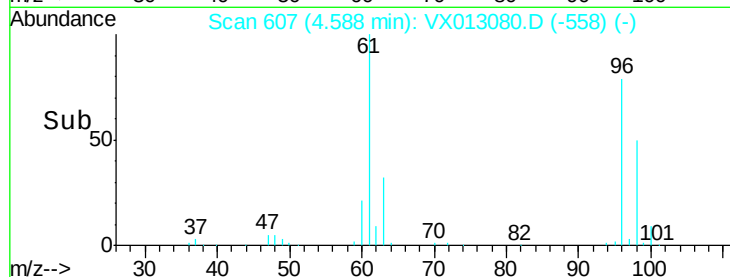
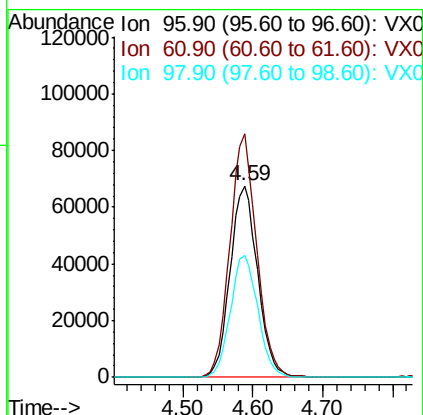
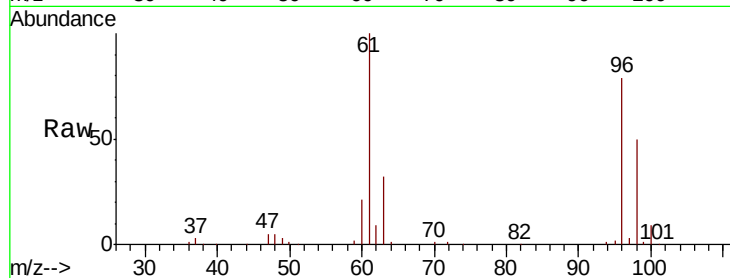


#27

cis-1,2-Dichloroethene
Concen: 84.326 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW6001

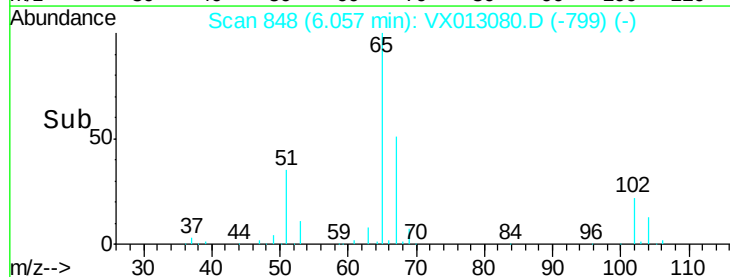
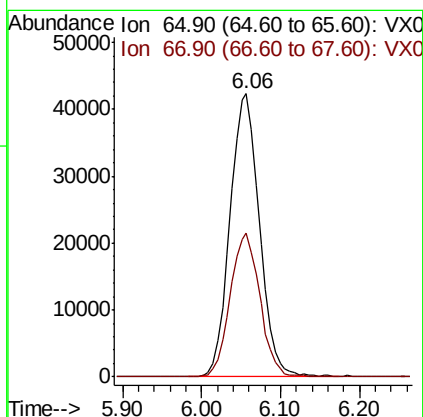
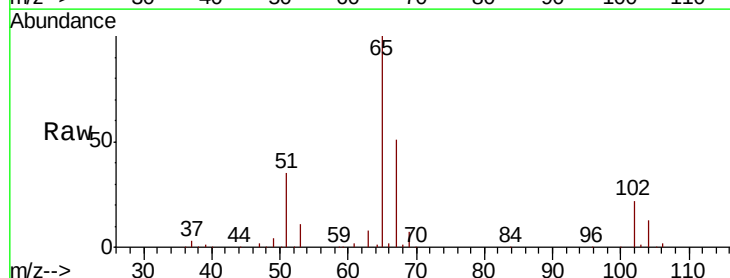
Tot Ion: 96 Resp: 183894
Ion Ratio Lower Upper
96 100
61 124.3 0.0 290.6
98 63.9 0.0 128.8

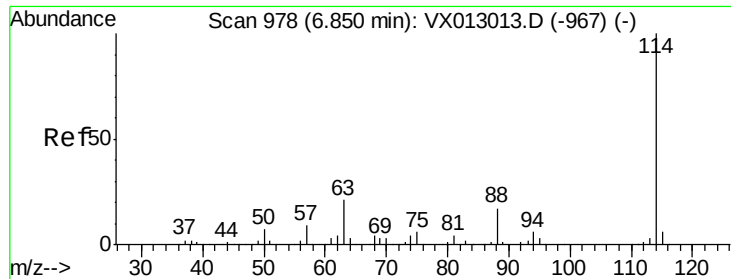


#33

1,2-Dichloroethane-d4
Concen: 50.319 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

Tgt Ion: 65 Resp: 109855
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4

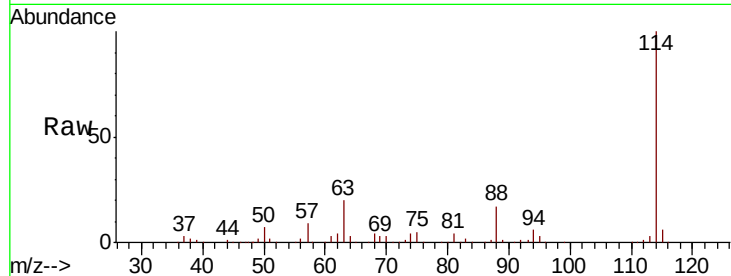




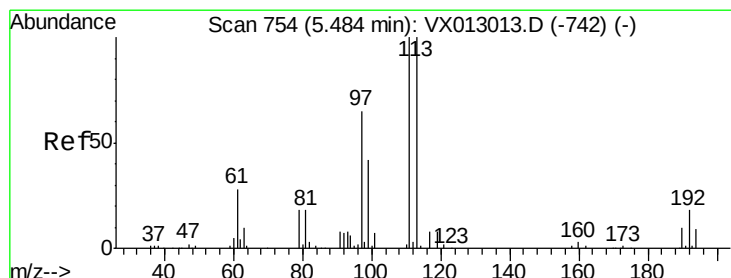
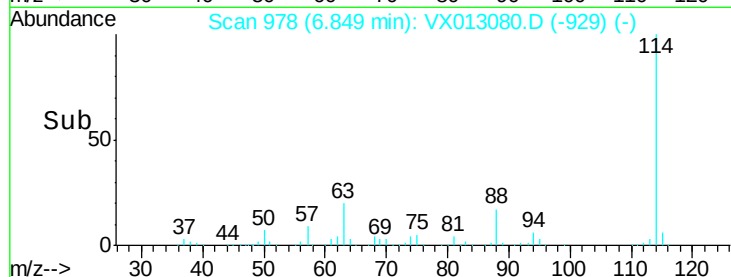
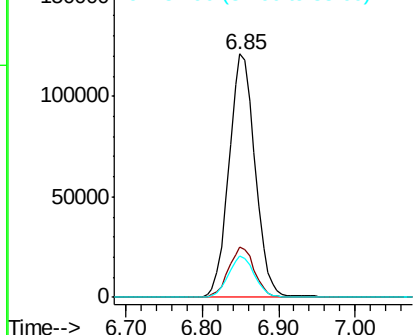
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013080.D
 Acq: 15 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW6001

Tot Ion:114 Resp: 286293
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 17.0 0.0 33.8

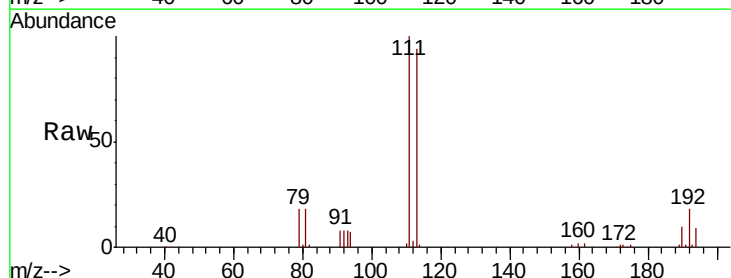


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

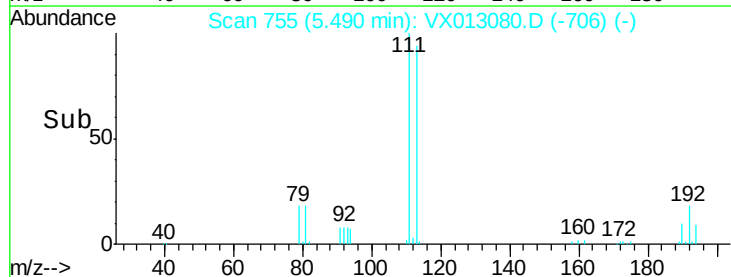
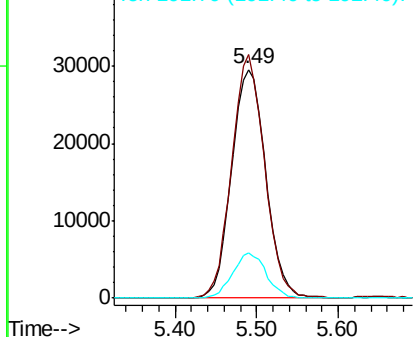


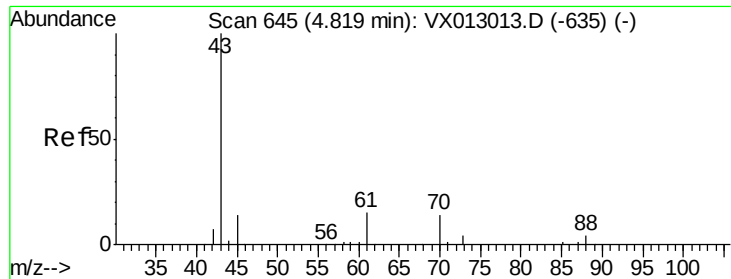
#35
 Dibromofluoromethane
 Concen: 52.090 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013080.D
 Acq: 15 Oct 2019 16:04

Tgt Ion:113 Resp: 85592
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.2 124.8
 192 19.4 15.4 23.2



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





#37

Ethyl Acetate

Concen: 2.868 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013080.D

Acq: 15 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW6001

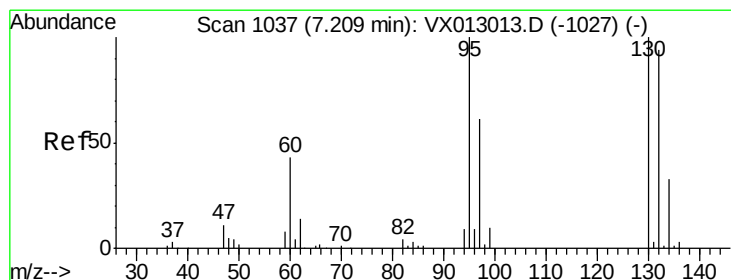
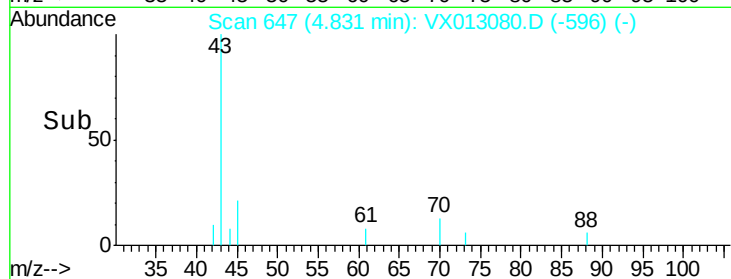
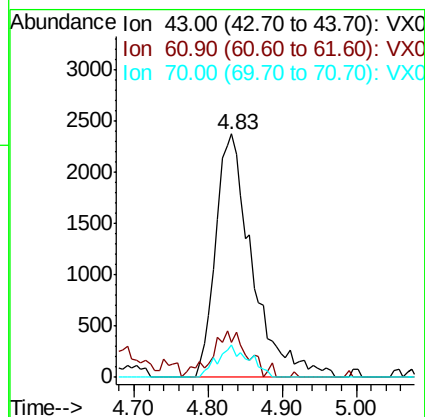
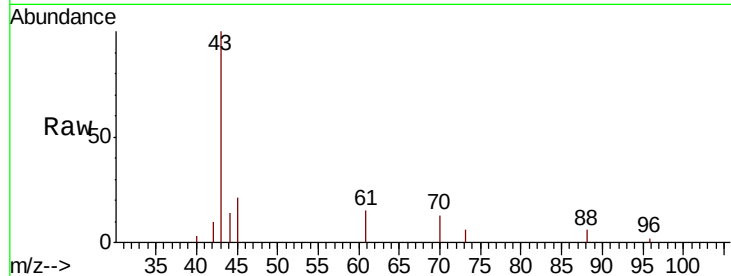
Tot Ion: 43 Resp: 8073

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 11.5 9.8 14.6



#44

Trichloroethene

Concen: 43.528 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013080.D

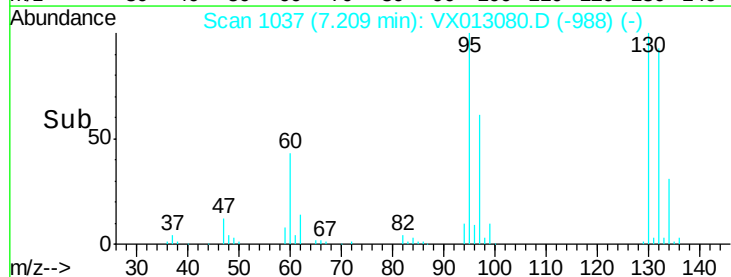
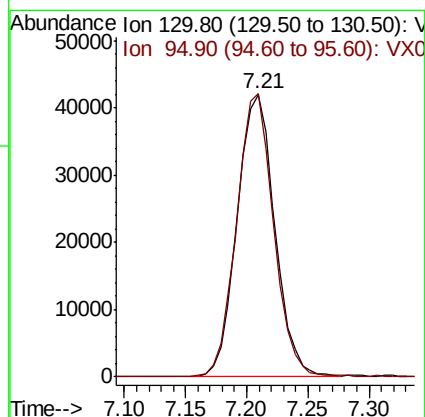
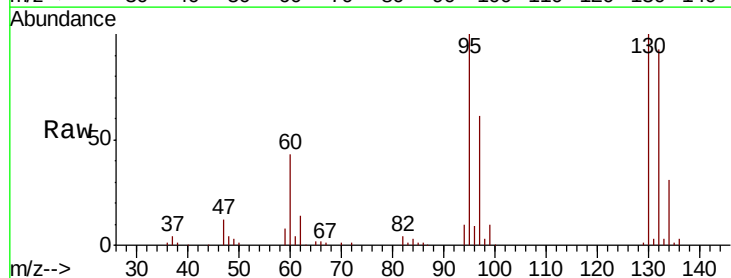
Acq: 15 Oct 2019 16:04

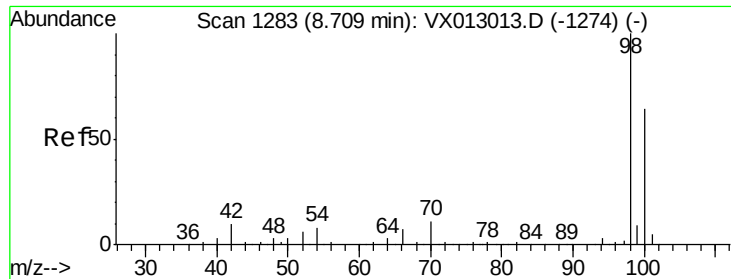
Tgt Ion: 130 Resp: 89734

Ion Ratio Lower Upper

130 100

95 100.3 0.0 189.2

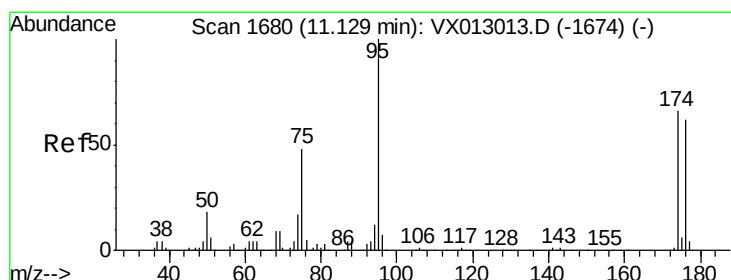
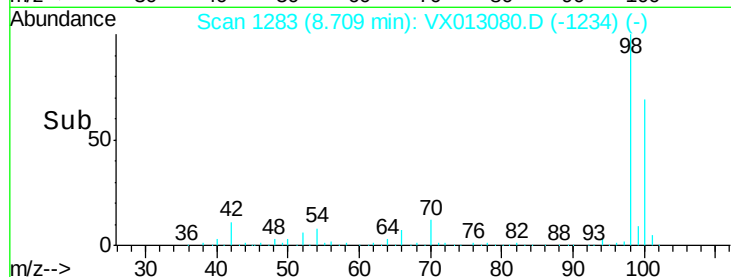
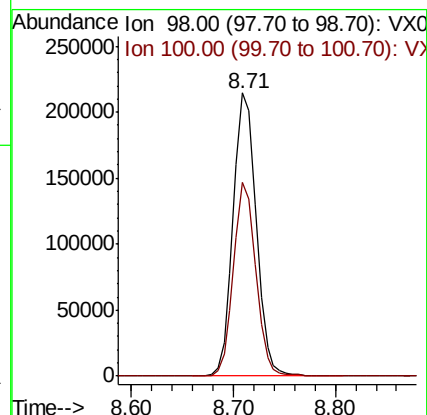
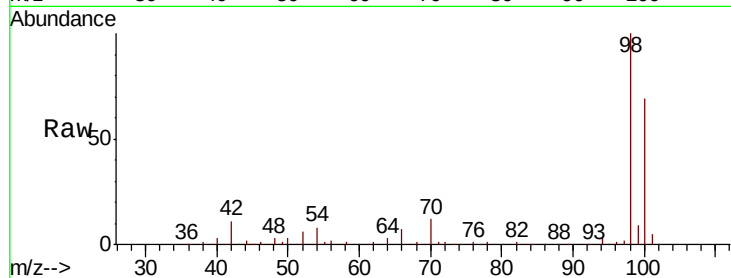




#50
Toluene-d8
Concen: 52.432 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

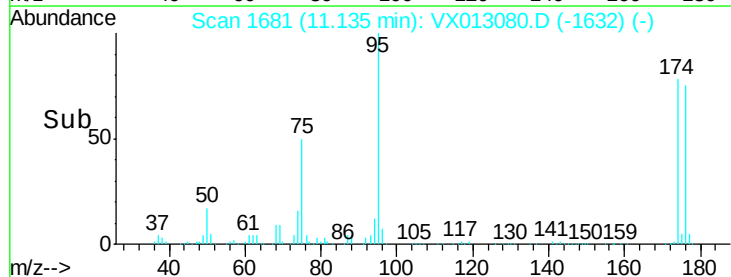
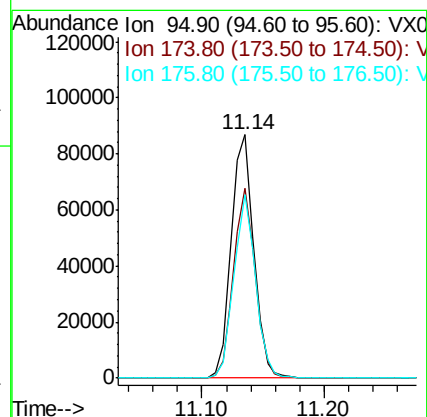
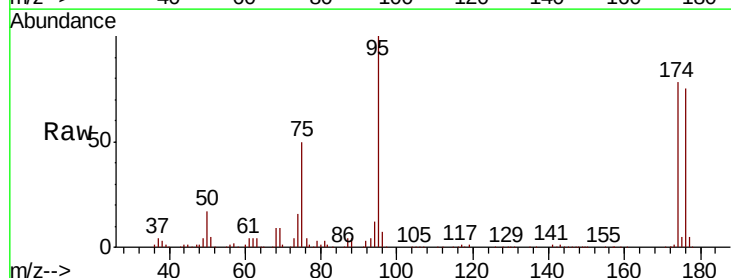
Instrument :
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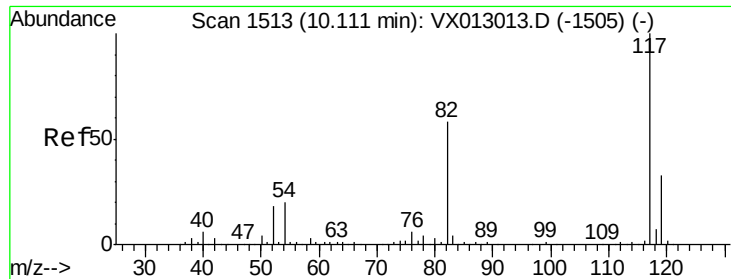
Tot Ion: 98 Resp: 336026
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.454 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

Tgt Ion: 95 Resp: 110699
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.4
176 72.1 0.0 136.0

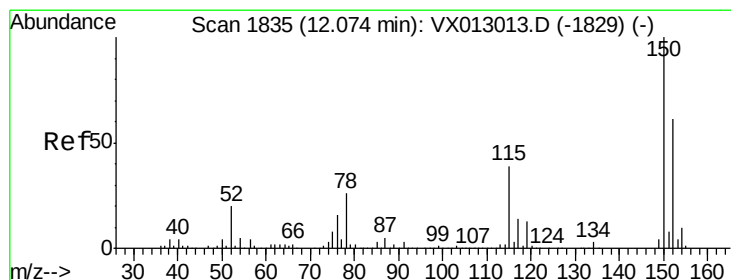
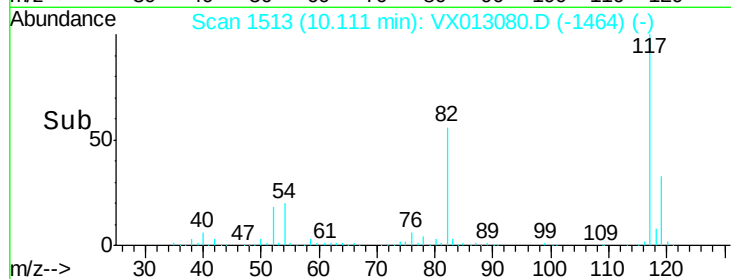
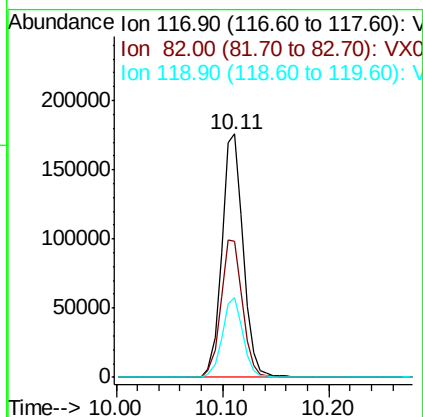
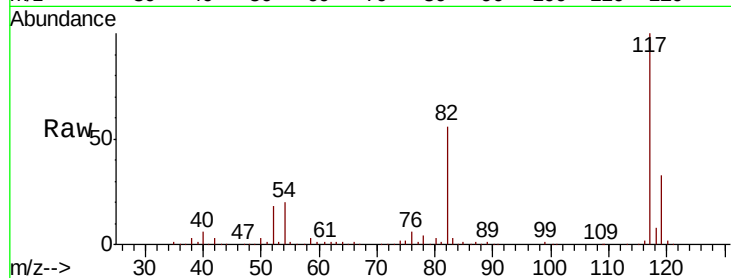




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW6001

Tot Ion:117 Resp: 246038
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013080.D
Acq: 15 Oct 2019 16:04

Tgt Ion:152 Resp: 96190
Ion Ratio Lower Upper
152 100
115 62.3 44.5 133.5
150 157.0 0.0 353.4

