

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013197.D
 Acq On : 23 Oct 2019 19:18
 Operator : JC/SP
 Sample : K5451-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0341

Quant Time: Oct 24 04:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

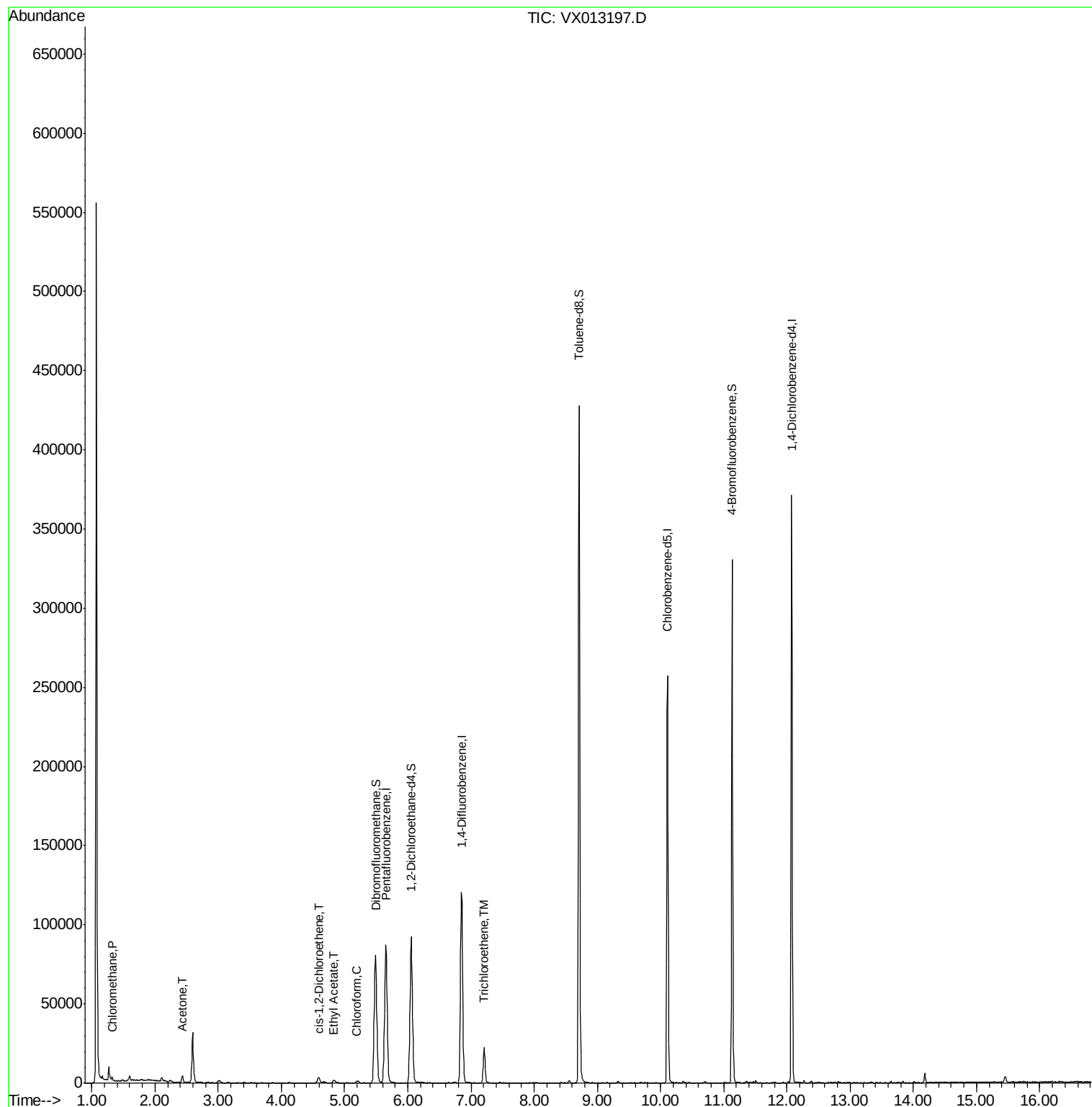
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	82274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	123923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	120151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	90270	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	5.49	113	69900	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	255059	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	93585	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	796	1.548	ug/l #	86
16) Acetone	2.44	43	4718	5.820	ug/l #	88
27) cis-1,2-Dichloroethene	4.59	96	2321	1.352	ug/l	96
30) Chloroform	5.20	83	1612	0.571	ug/l	91
37) Ethyl Acetate	4.83	43	3337	1.616	ug/l #	88
44) Trichloroethene	7.21	130	9052	5.124	ug/l	99

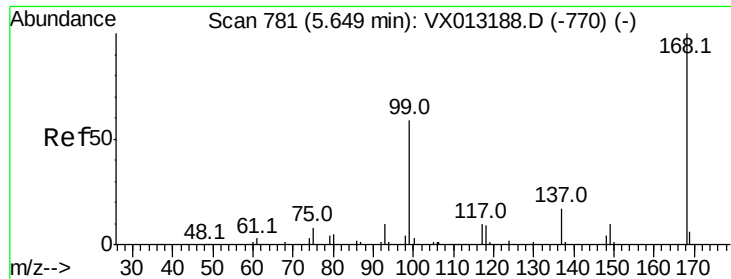
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 24 03:56:38 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: VX013197.D

Acq: 23 Oct 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

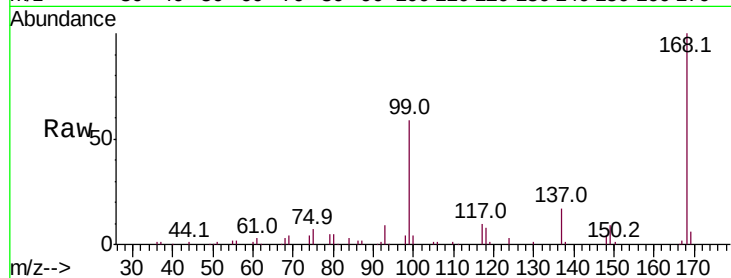
FA19-JPZ0341

Tot Ion:168 Resp: 82274

Ion Ratio Lower Upper

168 100

99 59.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

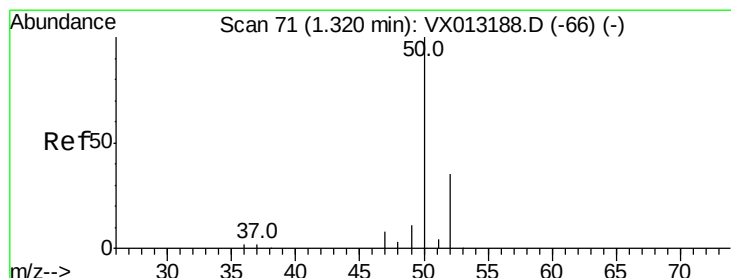
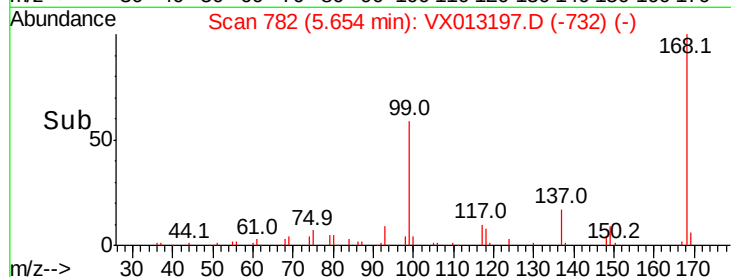
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.548 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013197.D

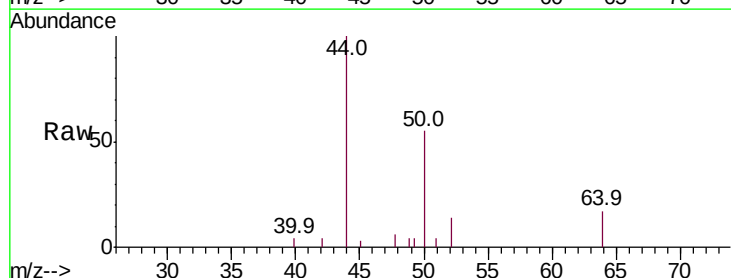
Acq: 23 Oct 2019 19:18

Tgt Ion: 50 Resp: 796

Ion Ratio Lower Upper

50 100

52 26.3 27.8 41.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

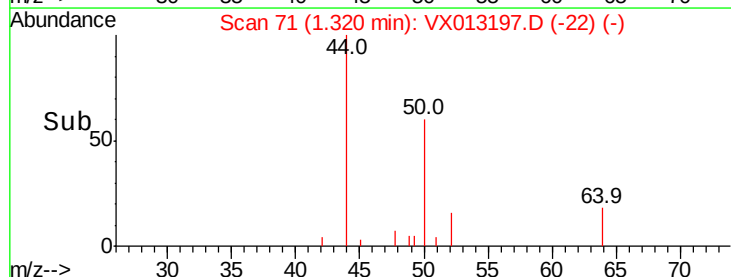
600

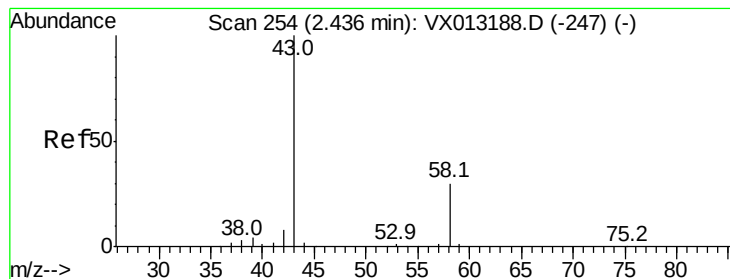
400

200

0

Time--> 1.28 1.30 1.32 1.34 1.36





#16

Acetone

Concen: 5.820 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

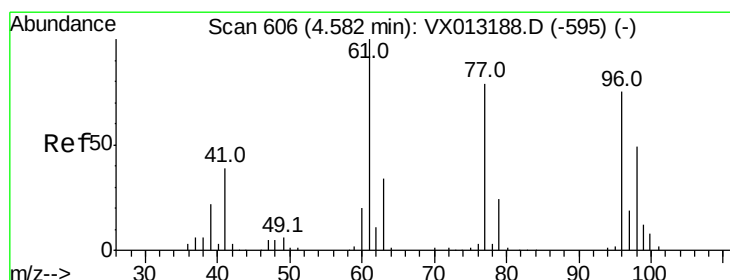
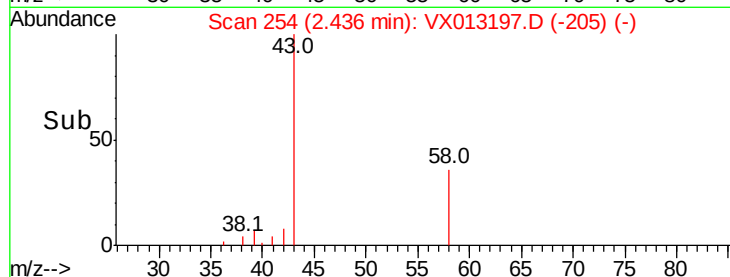
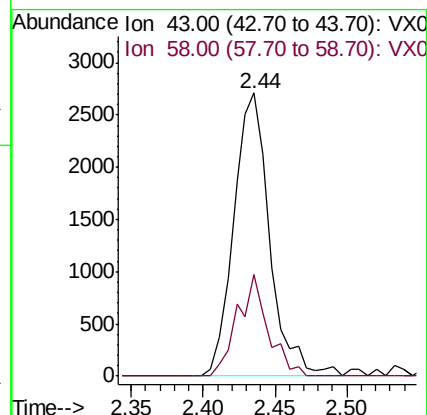
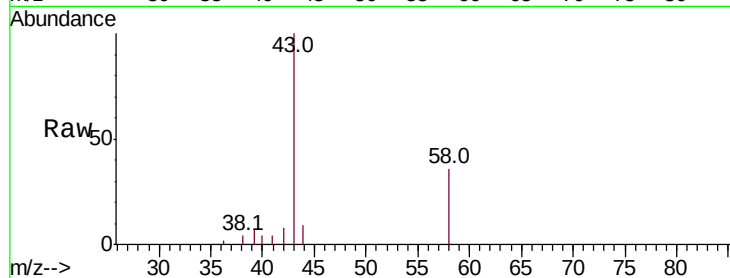
FA19-JPZ0341

Tot Ion: 43 Resp: 4718

Ion Ratio Lower Upper

43 100

58 36.0 23.8 35.6#



#27

cis-1,2-Dichloroethene

Concen: 1.352 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

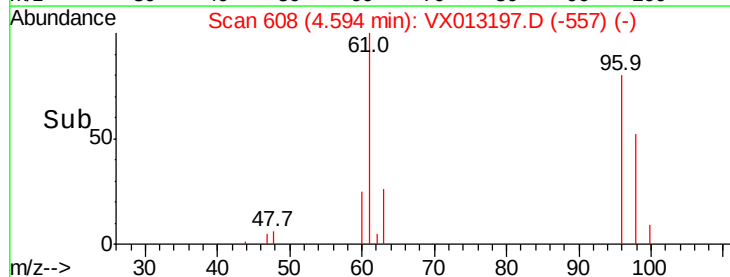
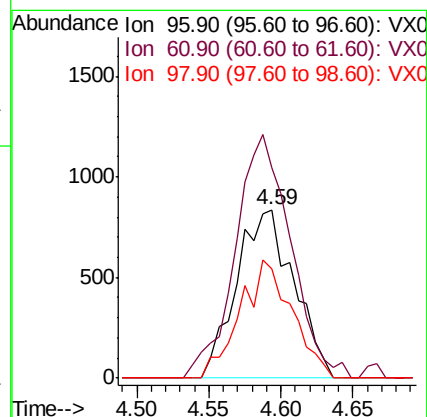
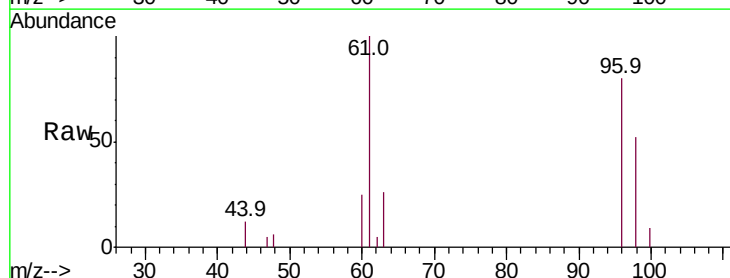
Tgt Ion: 96 Resp: 2321

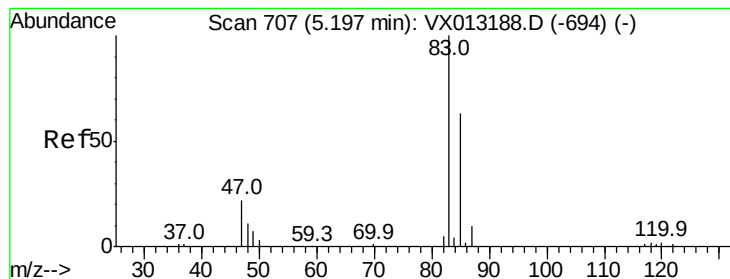
Ion Ratio Lower Upper

96 100

61 140.0 0.0 290.4

98 62.9 0.0 130.4





#30

Chloroform

Concen: 0.571 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

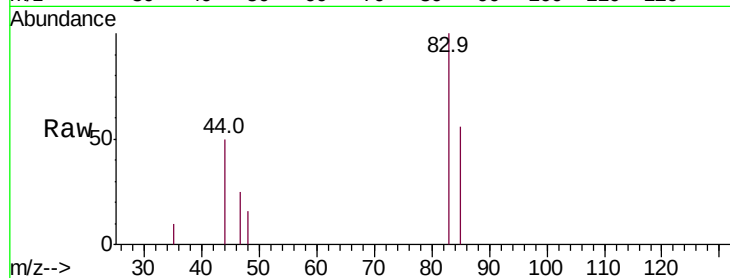
FA19-JPZ0341

Tot Ion: 83 Resp: 1612

Ion Ratio Lower Upper

83 100

85 56.0 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

600

500

400

300

200

100

0

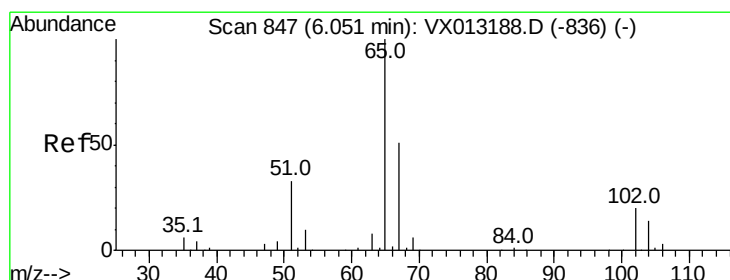
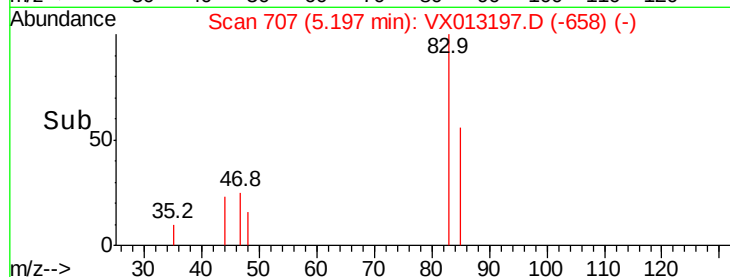
Time-->

5.10

5.15

5.20

5.25



#33

1,2-Dichloroethane-d4

Concen: 52.458 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013197.D

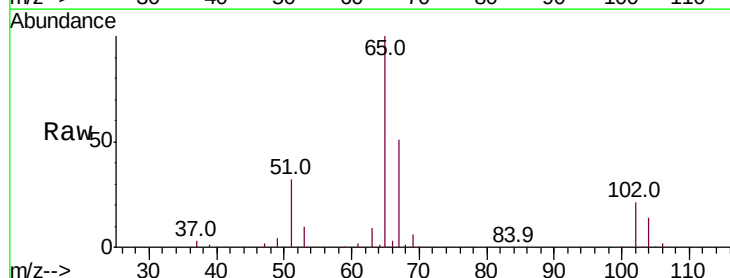
Acq: 23 Oct 2019 19:18

Tgt Ion: 65 Resp: 90270

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

40000

30000

20000

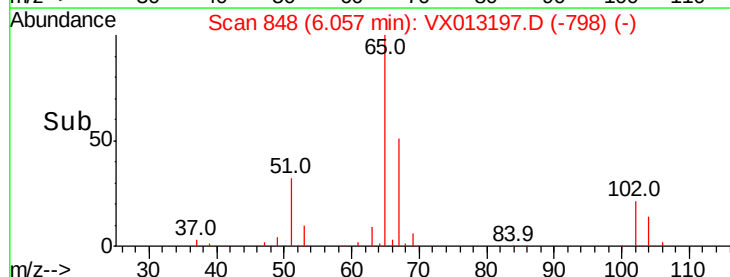
10000

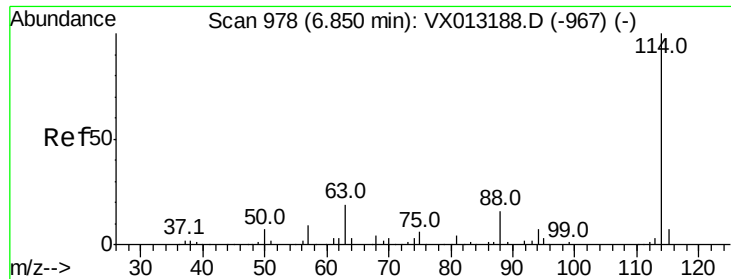
0

Time-->

6.00

6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0341

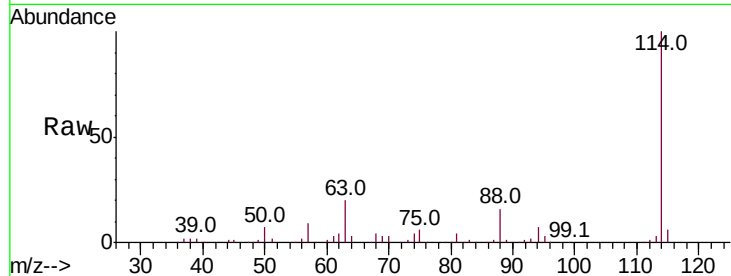
Tot Ion:114 Resp: 123923

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

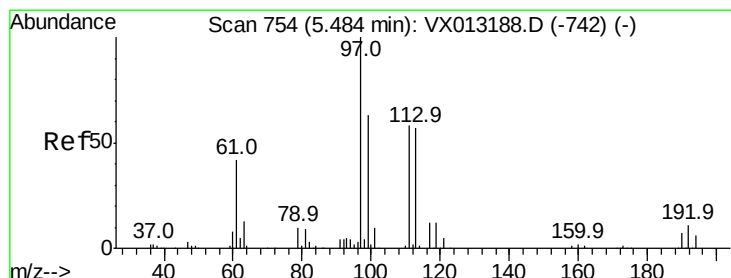
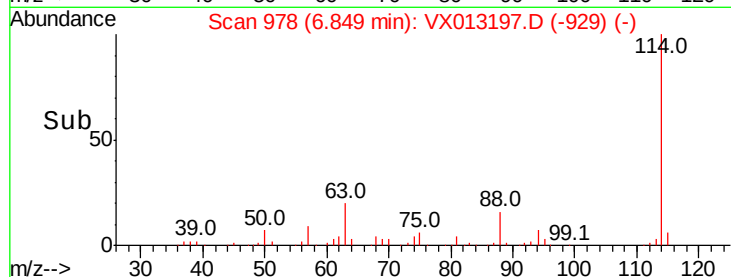
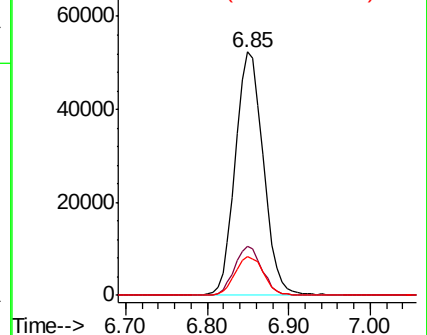
88 16.1 0.0 32.0



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: 50.582 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

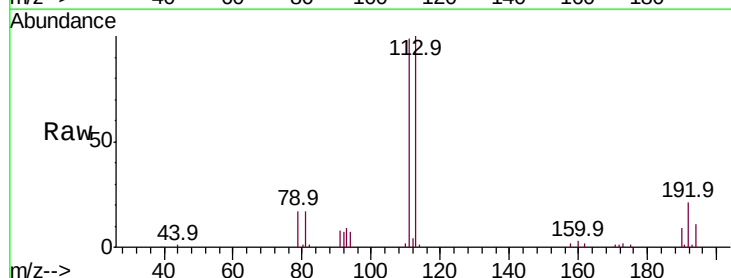
Tgt Ion:113 Resp: 69900

Ion Ratio Lower Upper

113 100

111 102.3 80.3 120.5

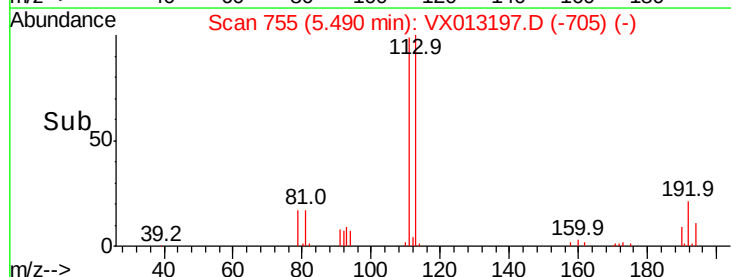
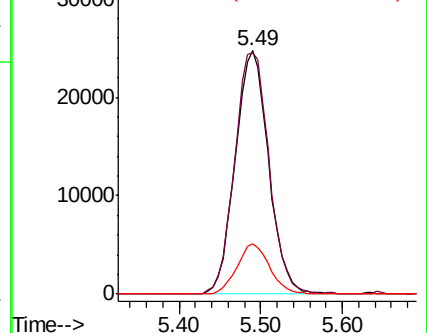
192 20.2 15.9 23.9

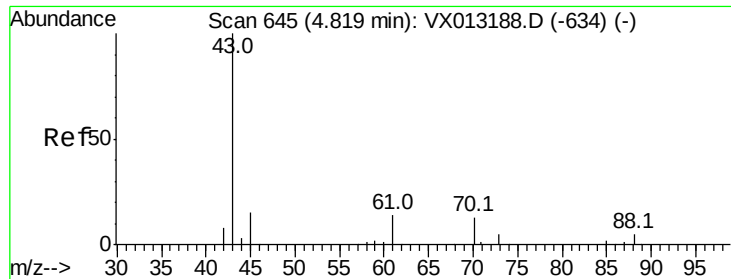


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 1.616 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013197.D

Acq: 23 Oct 2019 19:18

Instrument :

MSVOA_X

ClientSampled :

FA19-JPZ0341

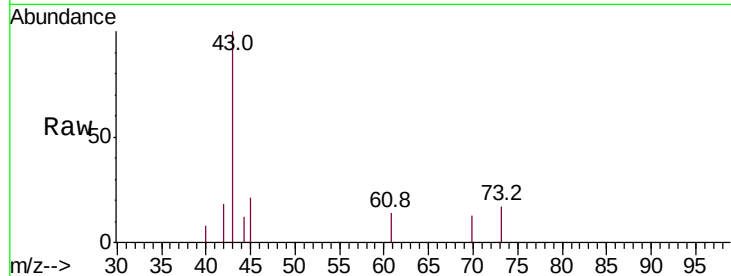
Tot Ion: 43 Resp: 3337

Ion Ratio Lower Upper

43 100

61 12.6 12.1 18.1

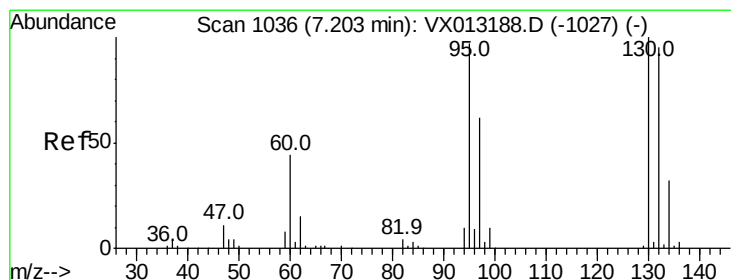
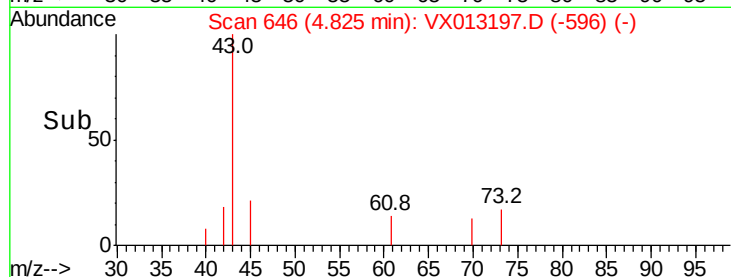
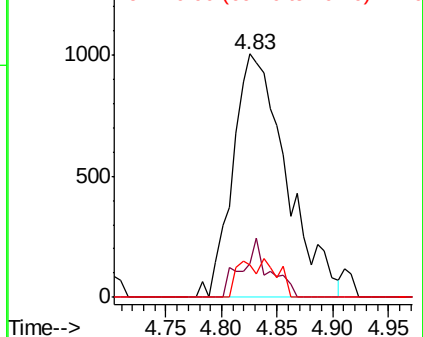
70 5.5 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#44

Trichloroethene

Concen: 5.124 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013197.D

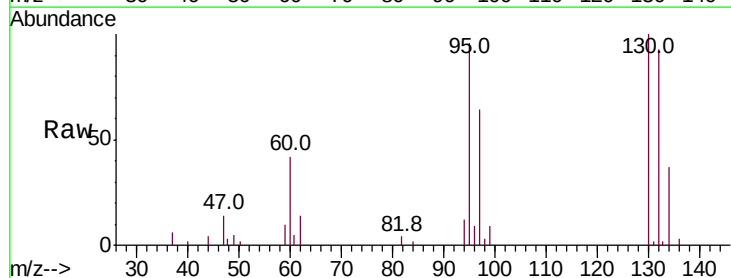
Acq: 23 Oct 2019 19:18

Tgt Ion: 130 Resp: 9052

Ion Ratio Lower Upper

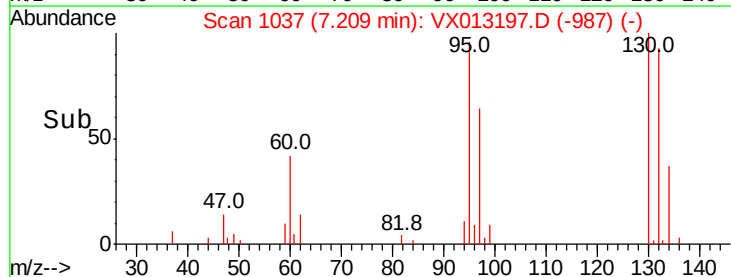
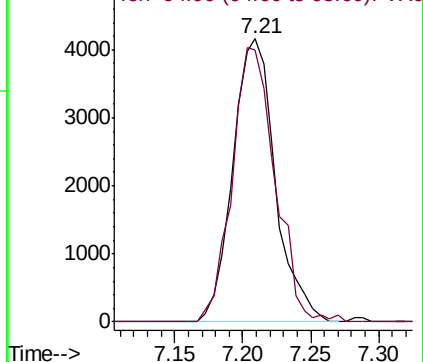
130 100

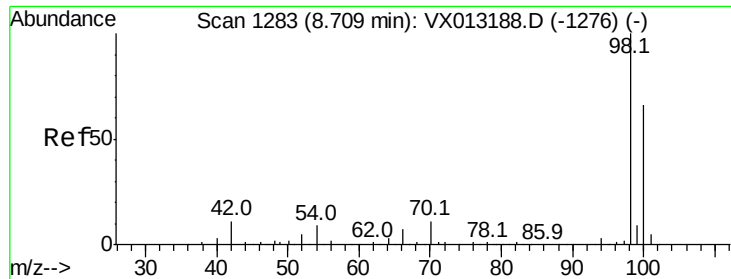
95 95.9 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

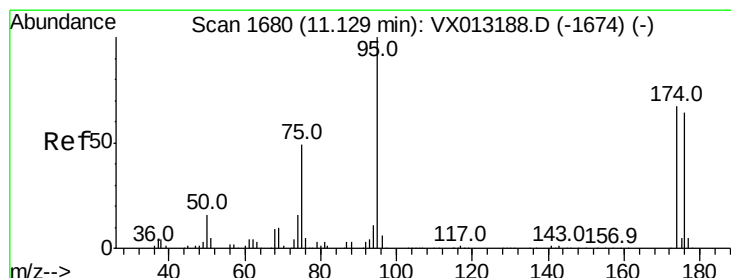
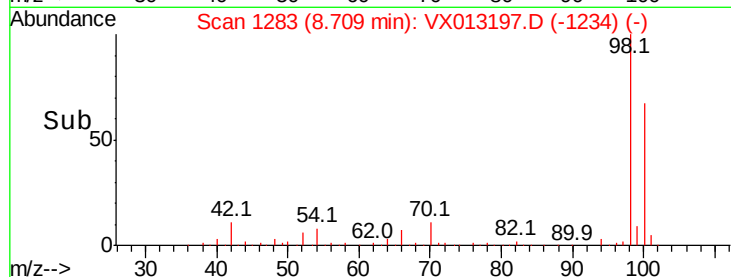
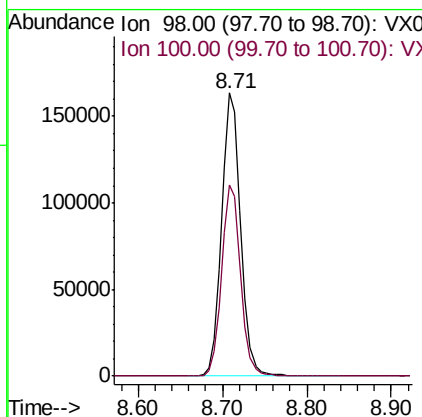
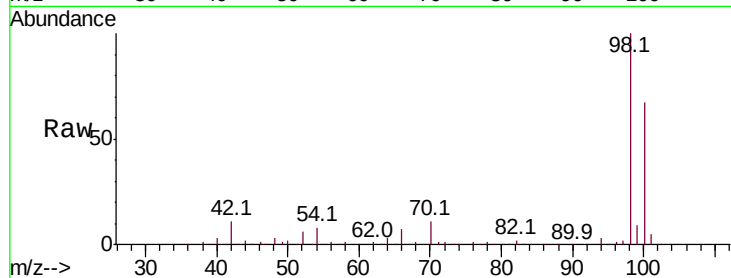




#50
Toluene-d8
Concen: 49.804 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013197.D
Acq: 23 Oct 2019 19:18

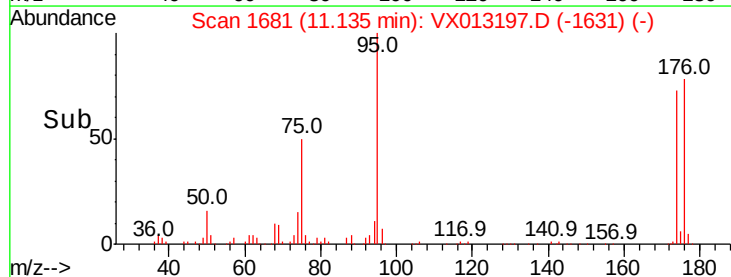
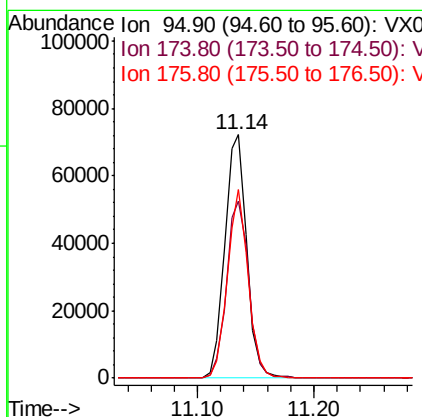
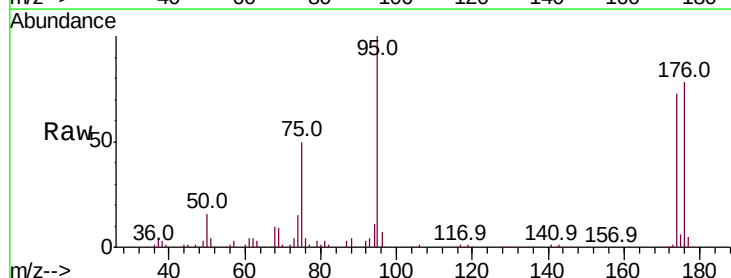
Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0341

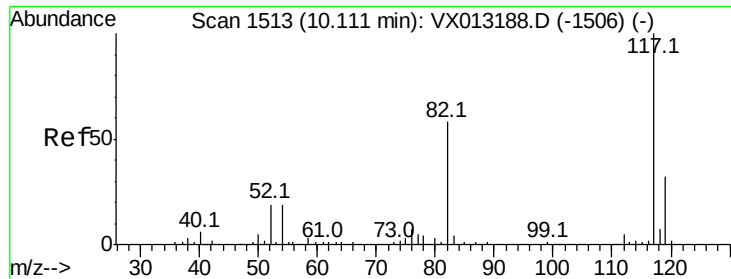
Tot Ion: 98 Resp: 255059
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013197.D
Acq: 23 Oct 2019 19:18

Tgt Ion: 95 Resp: 93585
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.4
176 73.5 0.0 146.0

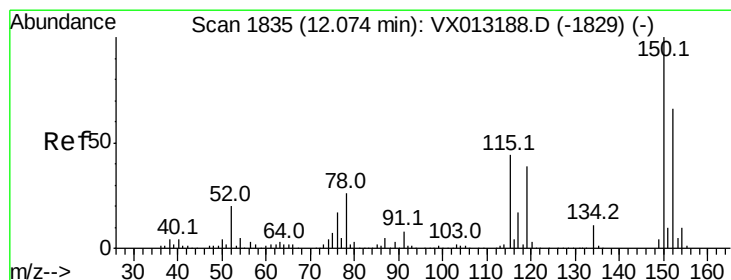
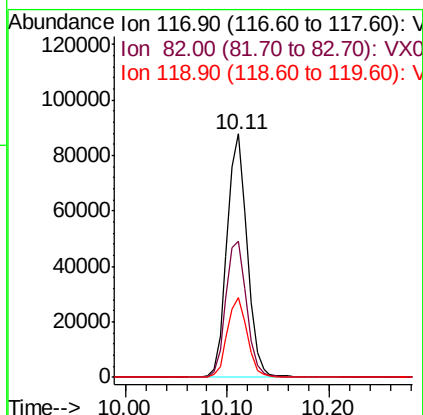
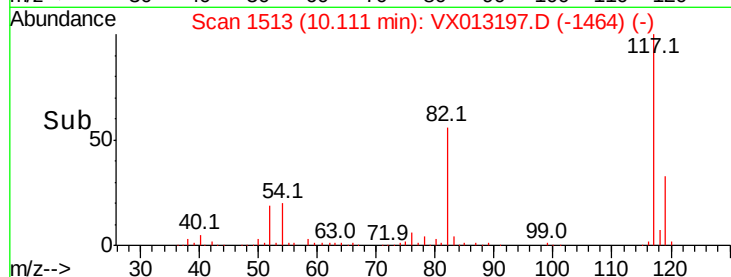
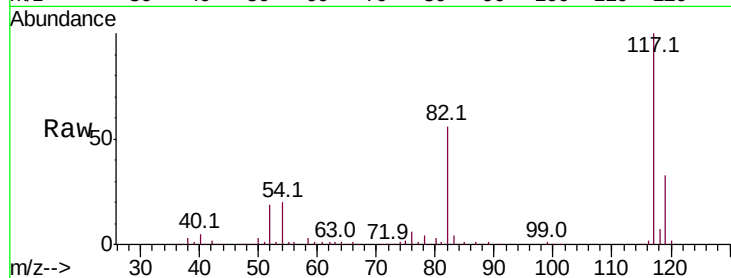




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013197.D
Acq: 23 Oct 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0341

Tot Ion:117 Resp: 120151
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013197.D
Acq: 23 Oct 2019 19:18

Tgt Ion:152 Resp: 73440
Ion Ratio Lower Upper
152 100
115 63.6 46.6 139.8
150 153.8 0.0 354.0

