

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009616.D
 Acq On : 16 May 2019 18:41
 Operator : JC/SP
 Sample : K2865-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21-S

Quant Time: May 17 07:21:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

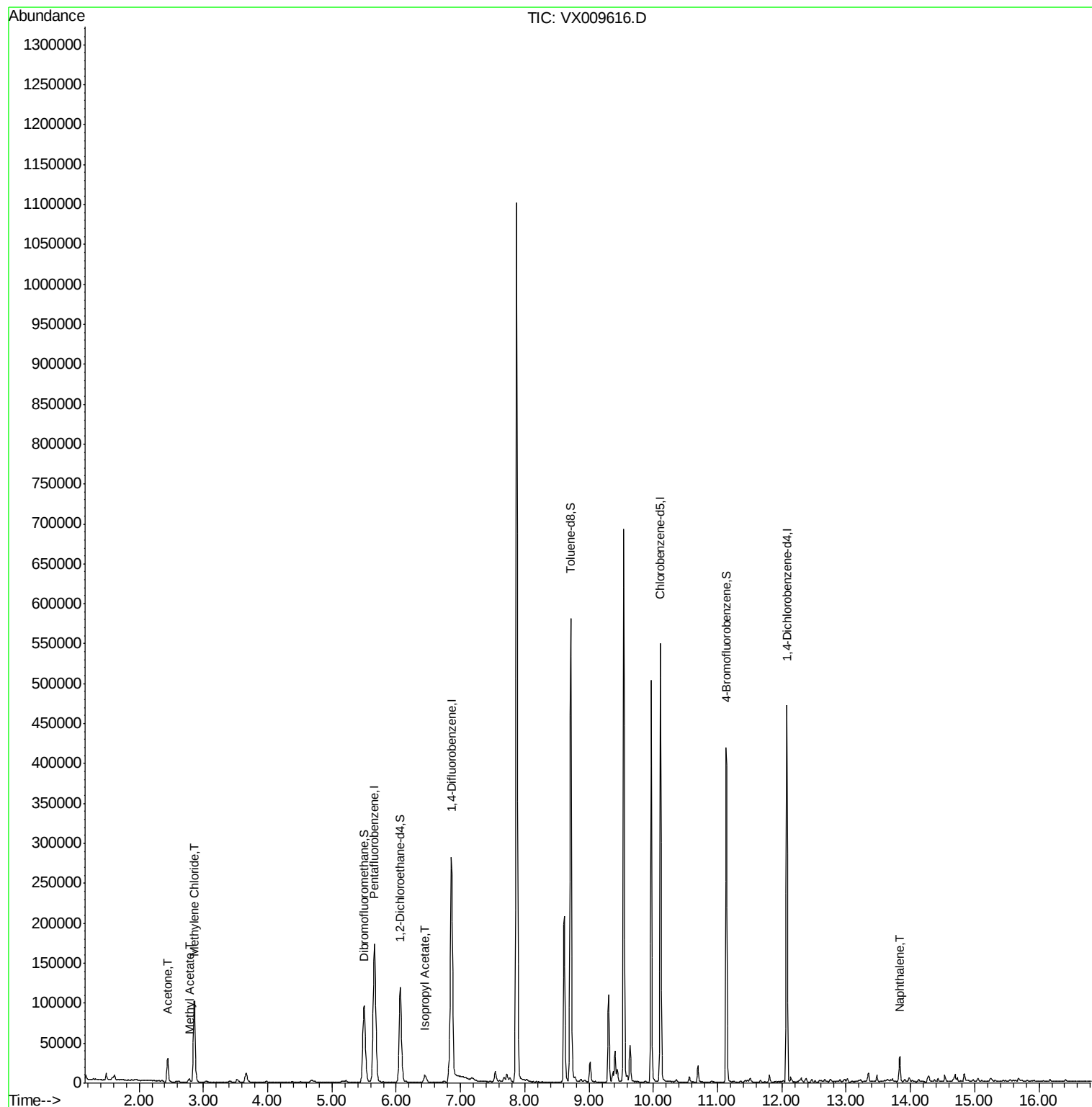
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113234	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.50	113	82909	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	343718	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	111226	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
16) Acetone	2.45	43	32388	25.935	ug/l	98
18) Methyl Acetate	2.78	43	6366	2.144	ug/l	97
20) Methylene Chloride	2.86	84	47036	23.262	ug/l	98
43) Isopropyl Acetate	6.45	43	11536	2.076	ug/l	100
95) Naphthalene	13.83	128	18584	2.628	ug/l	97

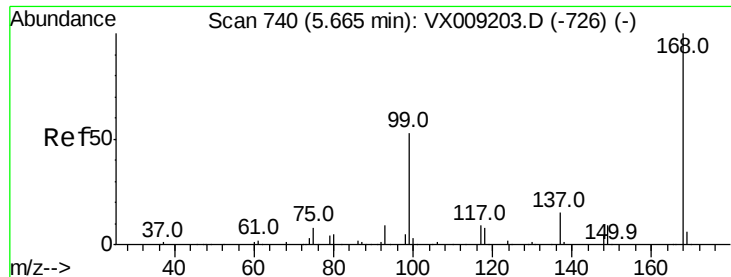
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009616.D
Acq On : 16 May 2019 18:41
Operator : JC/SP
Sample : K2865-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-21-S

Quant Time: May 17 07:21:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

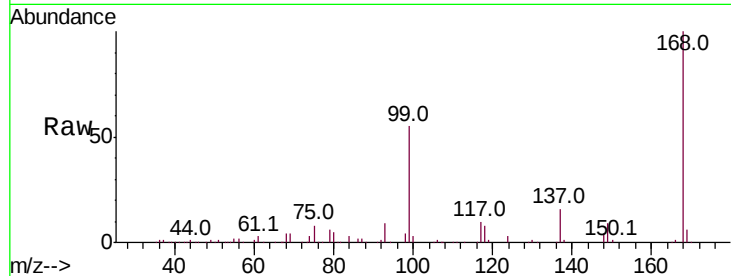
TP-21-S

Tot Ion:168 Resp: 170364

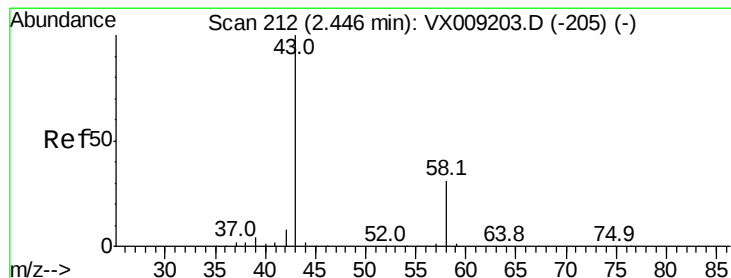
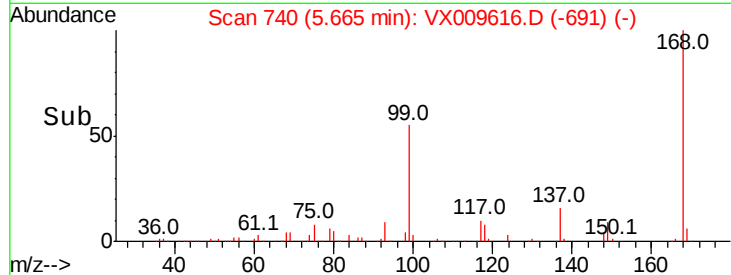
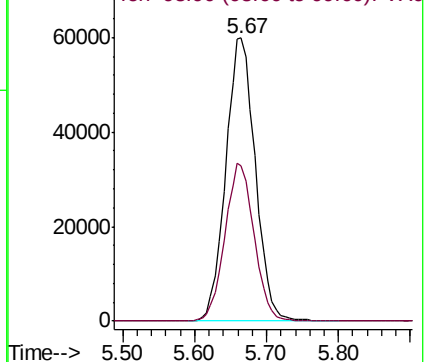
Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#16

Acetone

Concen: 25.935 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009616.D

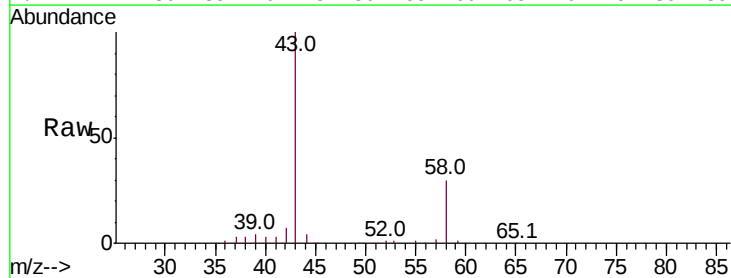
Acq: 16 May 2019 18:41

Tgt Ion: 43 Resp: 32388

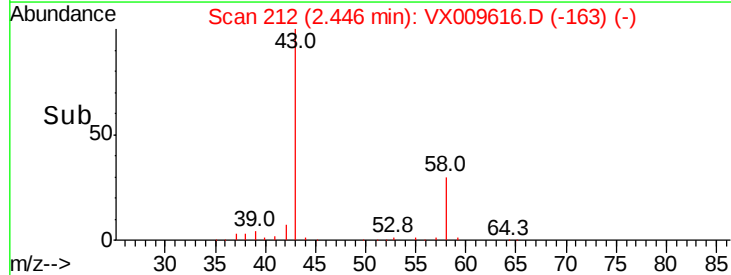
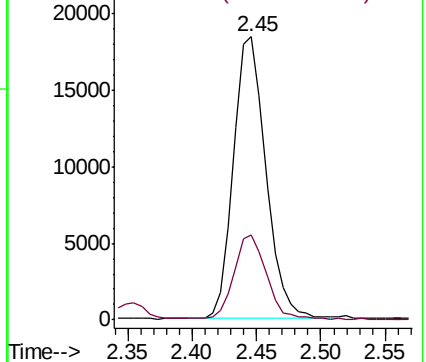
Ion Ratio Lower Upper

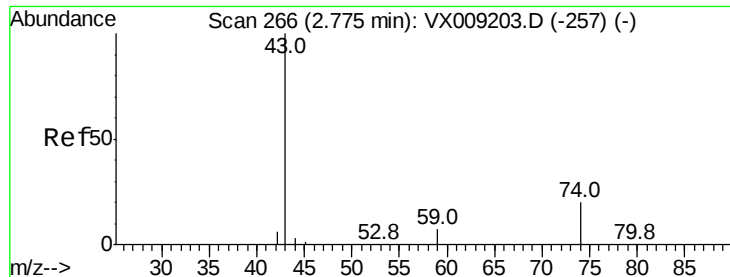
43 100

58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-205) (-)

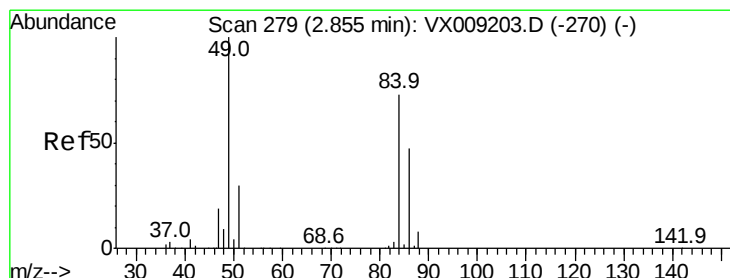
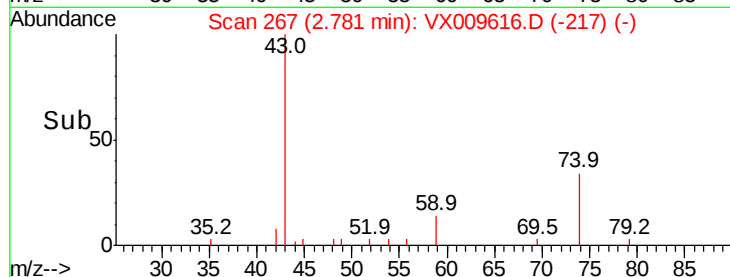
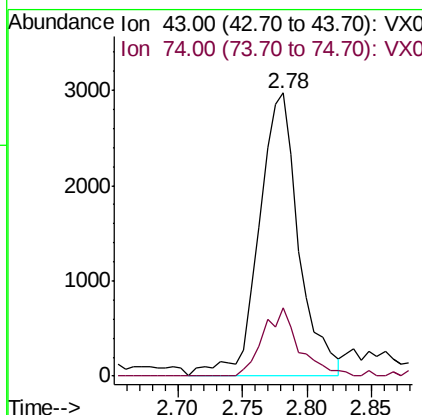
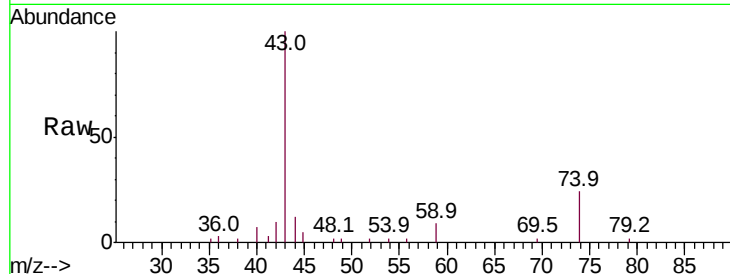




#18
Methyl Acetate
Concen: 2.144 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009616.D
Acq: 16 May 2019 18:41

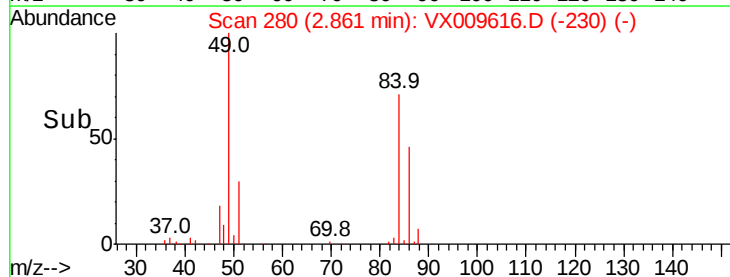
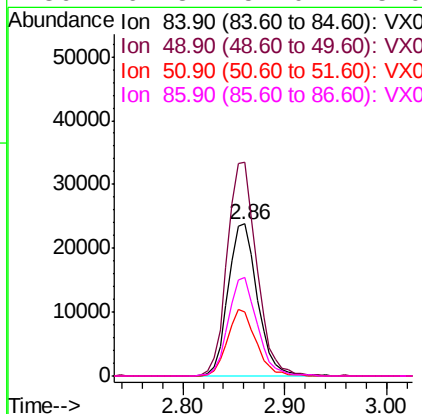
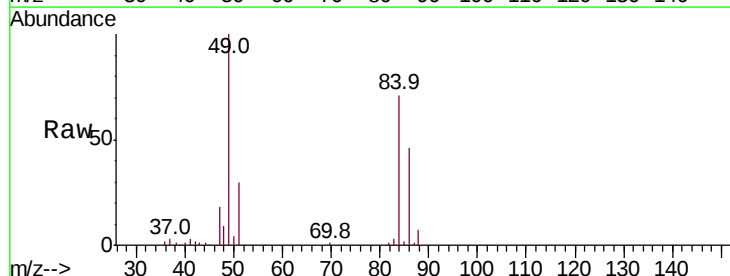
Instrument :
MSVOA_X
ClientSampleId :
TP-21-S

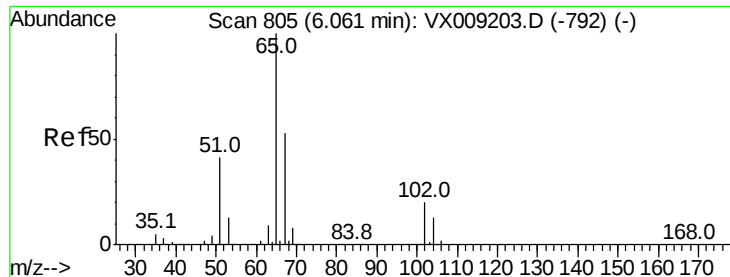
Tot Ion: 43 Resp: 6366
Ion Ratio Lower Upper
43 100
74 21.8 16.2 24.4



#20
Methylene Chloride
Concen: 23.262 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009616.D
Acq: 16 May 2019 18:41

Tgt Ion: 84 Resp: 47036
Ion Ratio Lower Upper
84 100
49 140.2 109.9 164.9
51 41.9 32.7 49.1
86 64.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.689 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

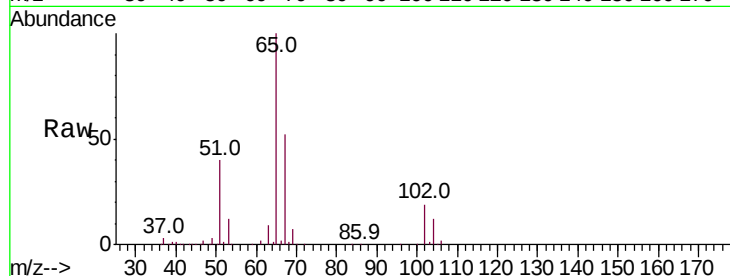
TP-21-S

Tot Ion: 65 Resp: 113234

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

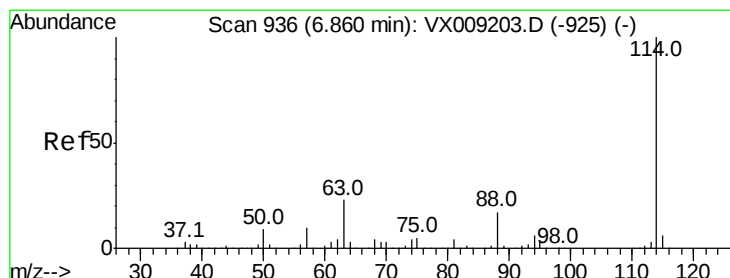
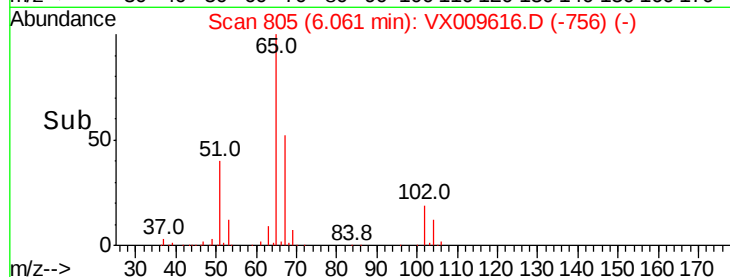
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

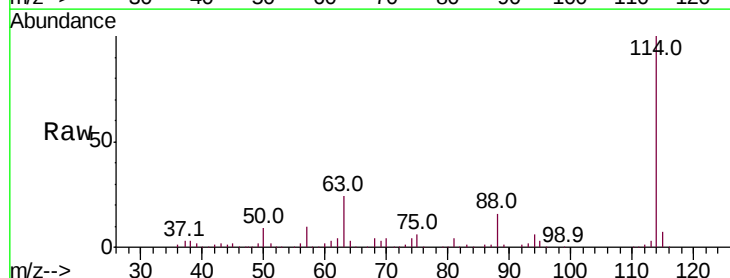
Tgt Ion:114 Resp: 268320

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.6

88 16.1 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

6.86

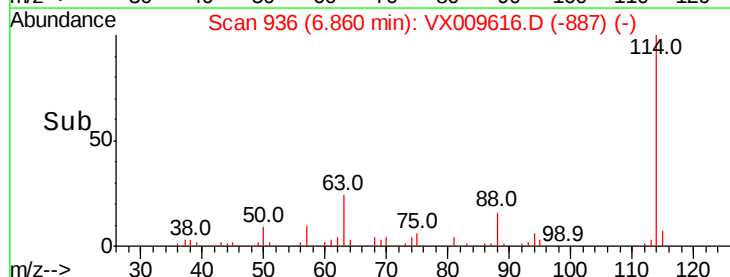
150000

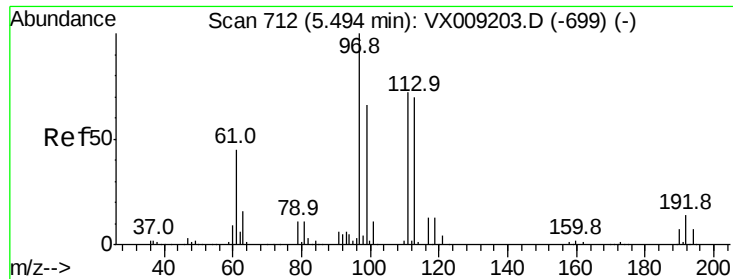
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

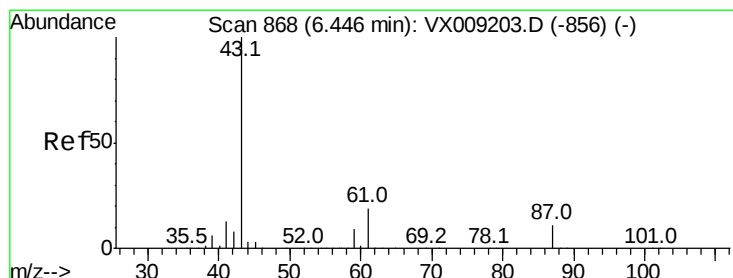
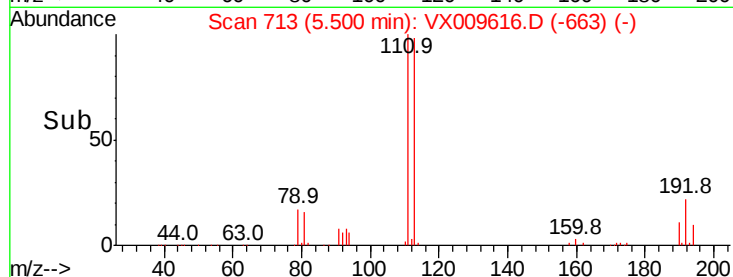
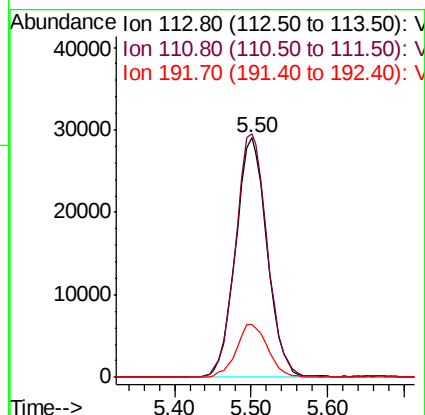
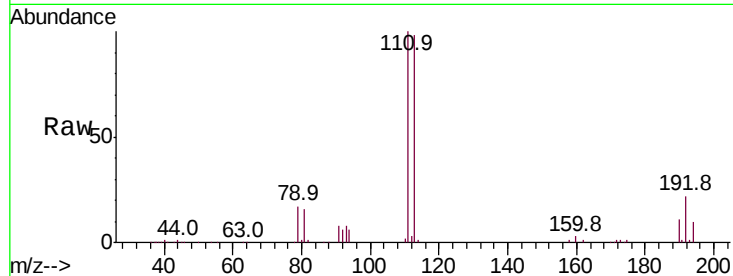




#35
 Dibromofluoromethane
 Concen: 49.153 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009616.D
 Acq: 16 May 2019 18:41

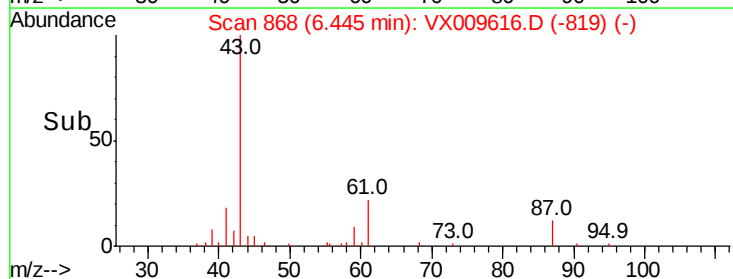
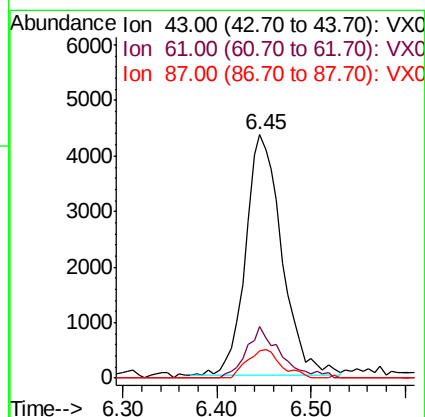
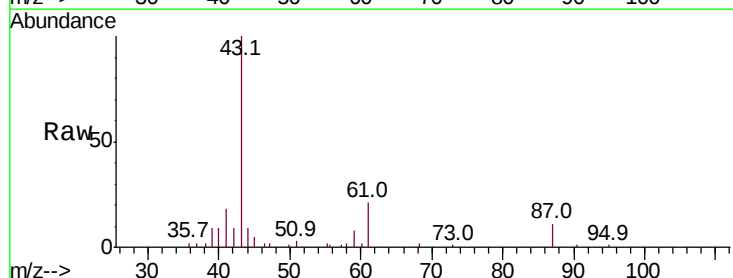
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-21-S

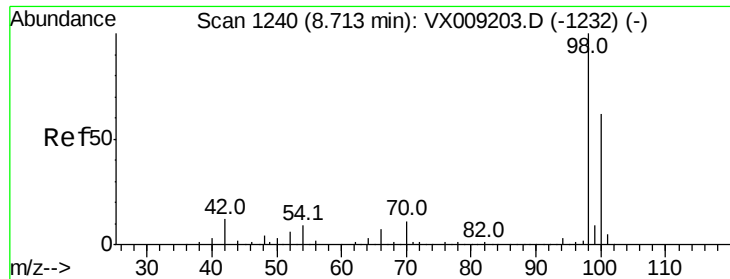
Tot Ion:113 Resp: 82909
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.0 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 2.076 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009616.D
 Acq: 16 May 2019 18:41

Tgt Ion: 43 Resp: 11536
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.1 22.7
 87 11.3 9.0 13.6





#50

Toluene-d8

Concen: 50.473 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

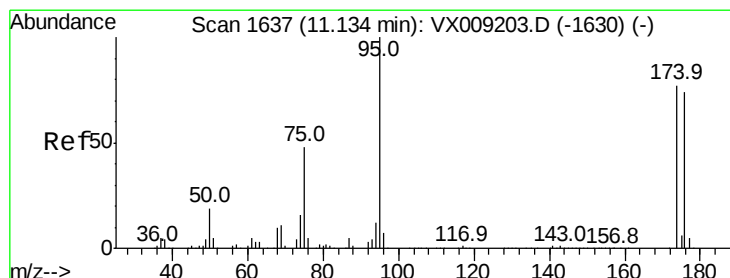
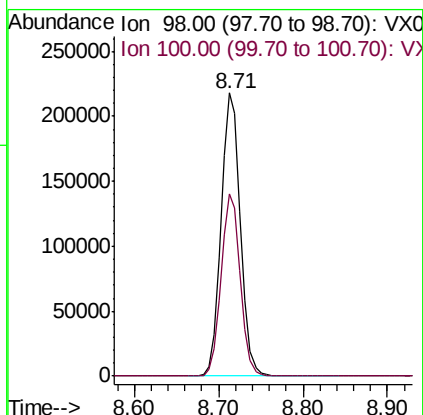
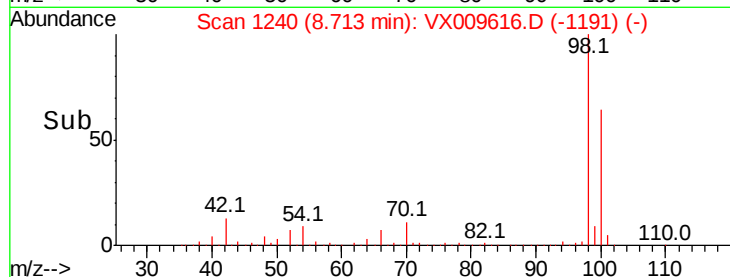
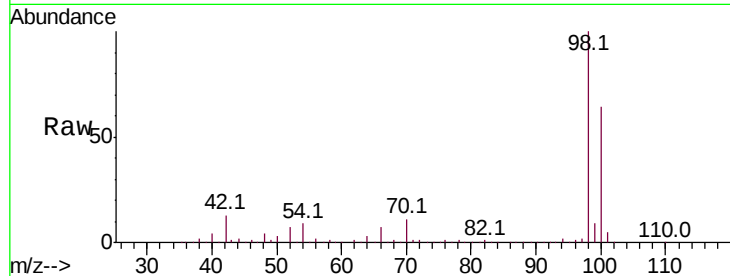
TP-21-S

Tot Ion: 98 Resp: 343718

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

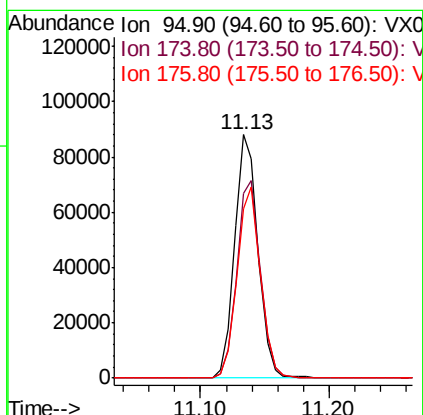
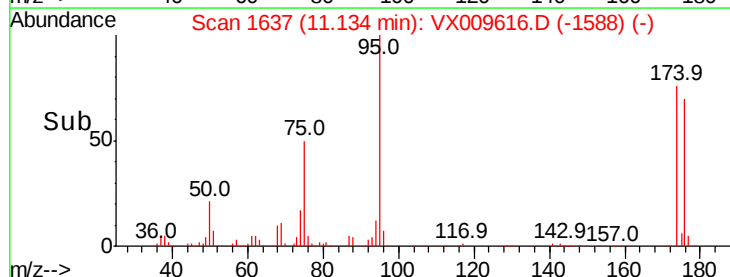
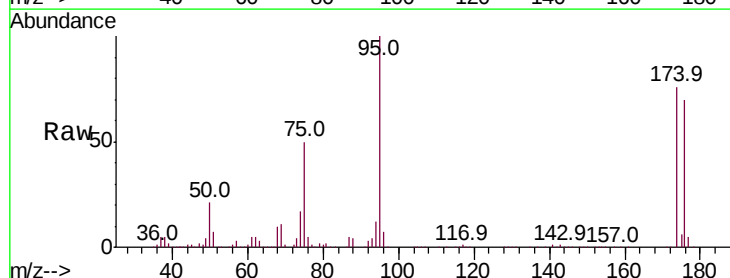
Tgt Ion: 95 Resp: 111226

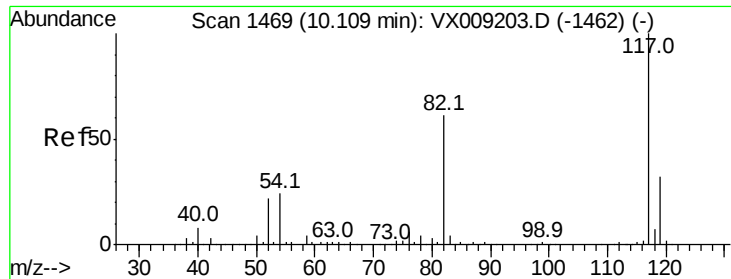
Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

176 78.5 0.0 159.2

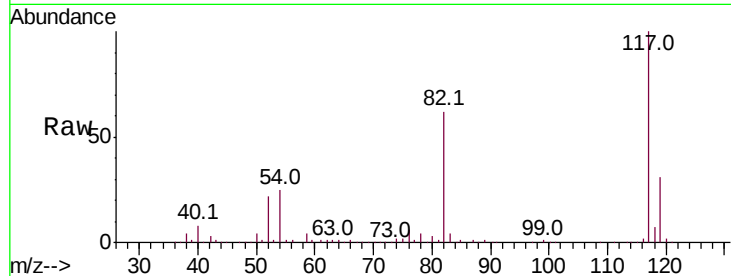




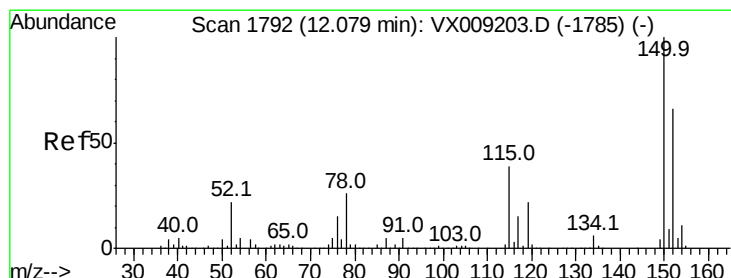
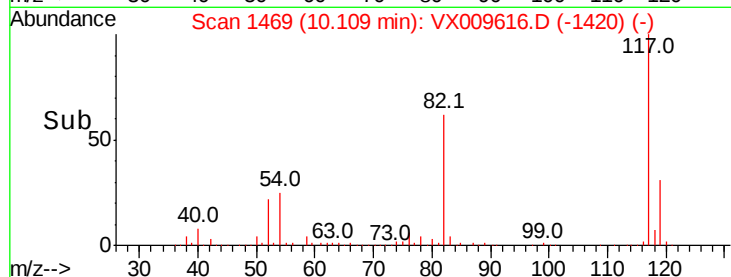
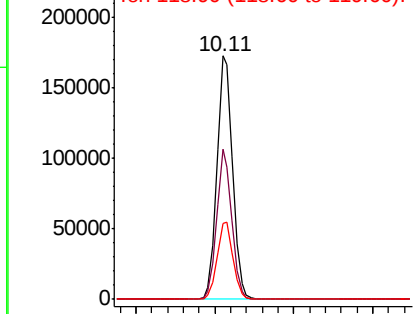
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009616.D
Acq: 16 May 2019 18:41

Instrument :
MSVOA_X
ClientSampled :
TP-21-S

Tot Ion:117 Resp: 238363
Ion Ratio Lower Upper
117 100
82 61.7 48.8 73.2
119 31.3 25.8 38.6

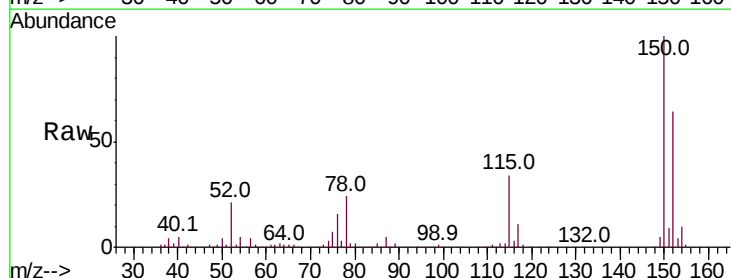


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

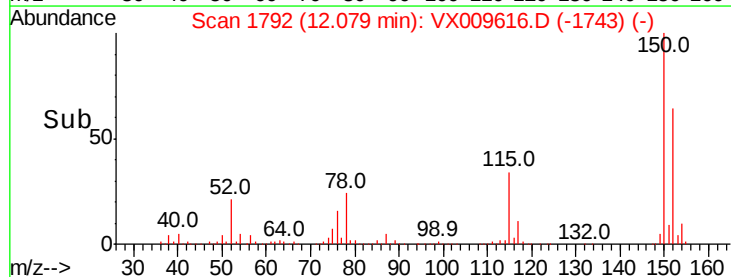
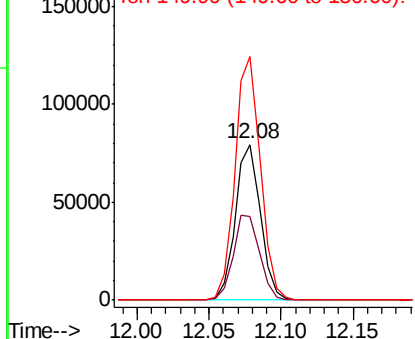


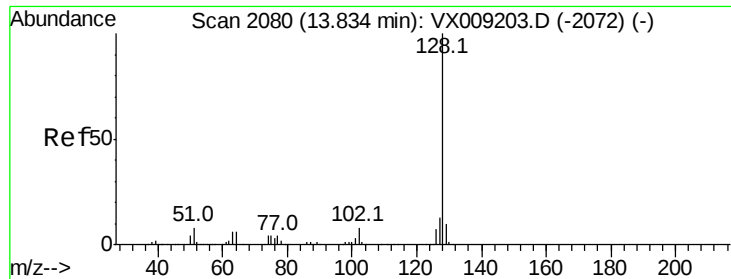
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009616.D
Acq: 16 May 2019 18:41

Tgt Ion:152 Resp: 96977
Ion Ratio Lower Upper
152 100
115 57.3 41.2 123.6
150 158.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.628 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009616.D

Acq: 16 May 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

TP-21-S

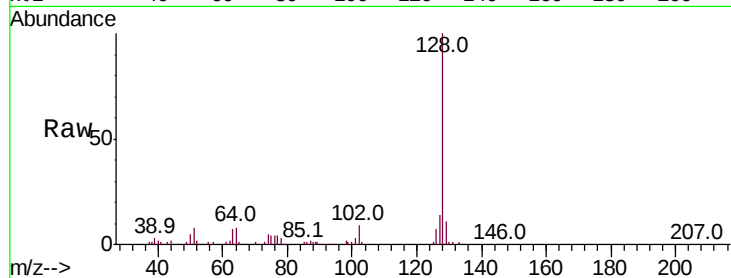
Tot Ion:128 Resp: 18584

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 12.0 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

