

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006730.D
 Acq On : 21 Dec 2018 18:10
 Operator : JC/MD
 Sample : J6498-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Manual Integrations
 APPROVED

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 12/22/2018 11:21:06 AM

Quant Time: Dec 22 05:04:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	648148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1000825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	920222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344503	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.51	113	301798	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	1192122	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	409866	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
8) Diethyl Ether	2.19	74	4885	1.182	ug/l	88
16) Acetone	2.45	43	119628	37.275	ug/l	98
20) Methylene Chloride	2.84	84	34432381m	5188.450	ug/l	
43) Isopropyl Acetate	6.46	43	22763	1.734	ug/l	99
95) Naphthalene	13.83	128	35307	1.165	ug/l	98

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

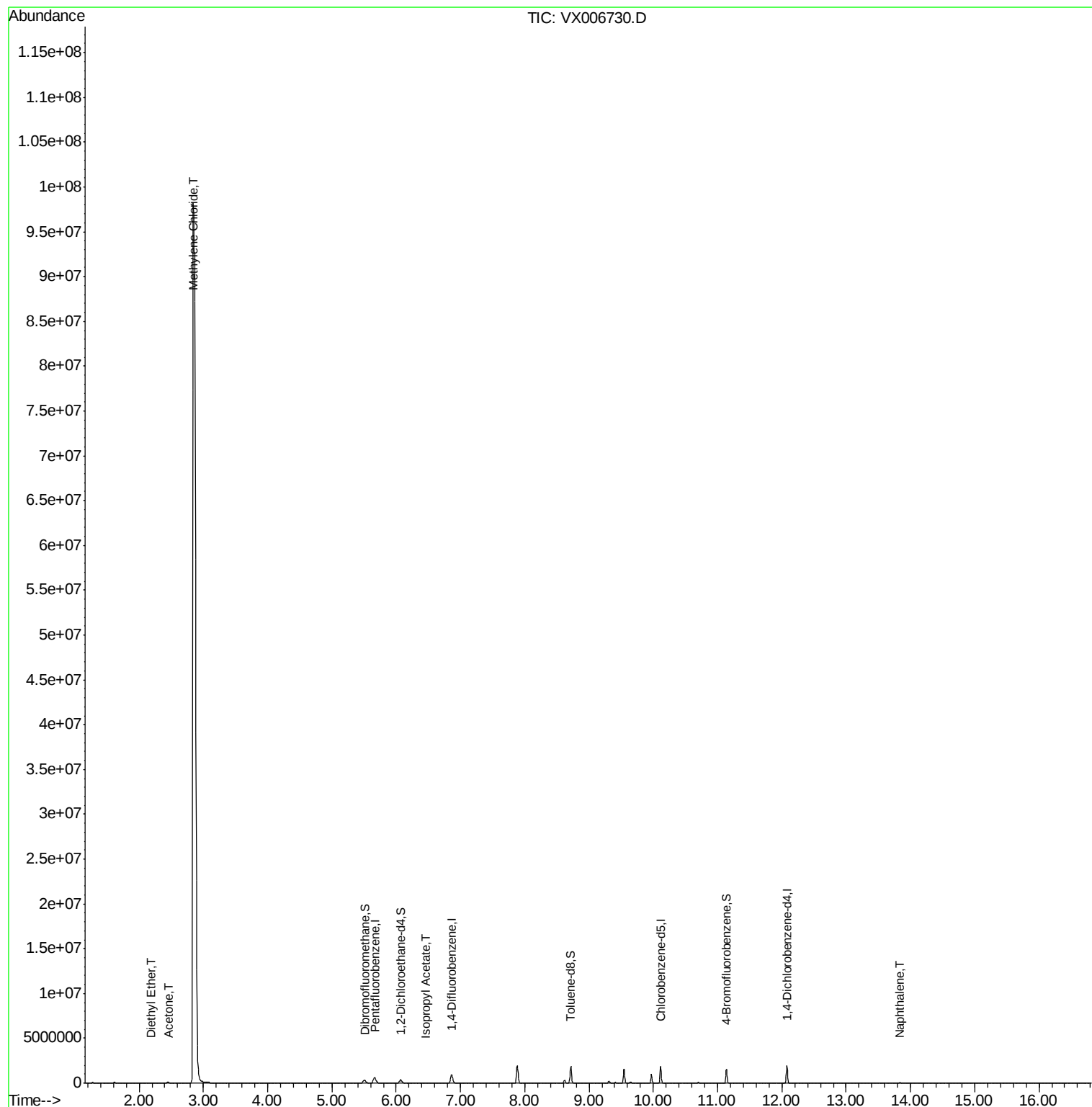
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122118\
Data File : VX006730.D
Acq On : 21 Dec 2018 18:10
Operator : JC/MD
Sample : J6498-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

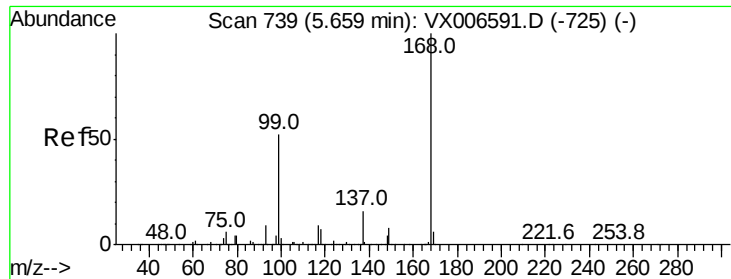
Instrument :
MSVOA_X
ClientSampleId :
SSSI-1219-S-TCLP-5

Manual Integrations
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12/22/2018 11:21:06 AM

Quant Time: Dec 22 05:04:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

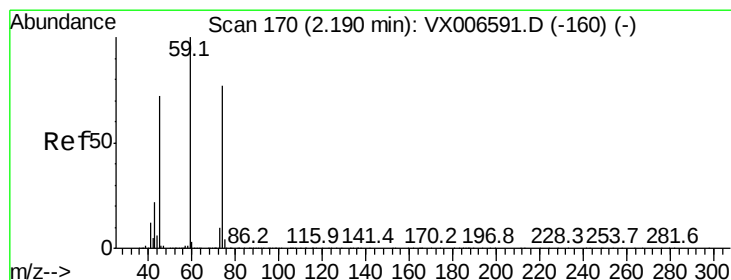
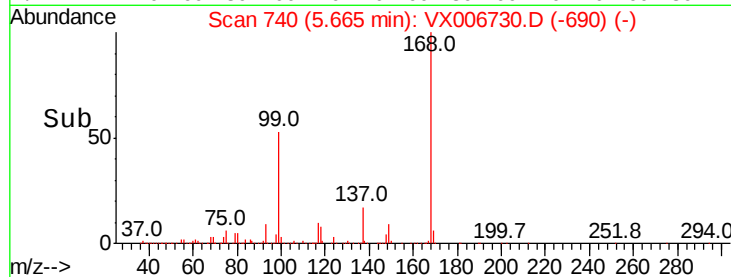
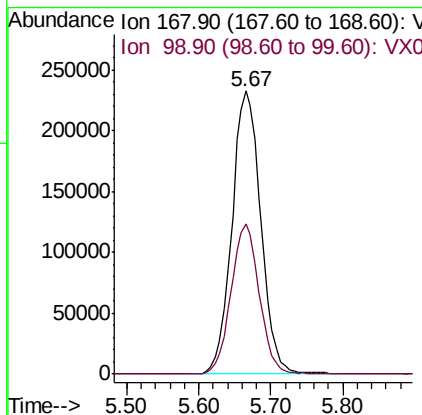
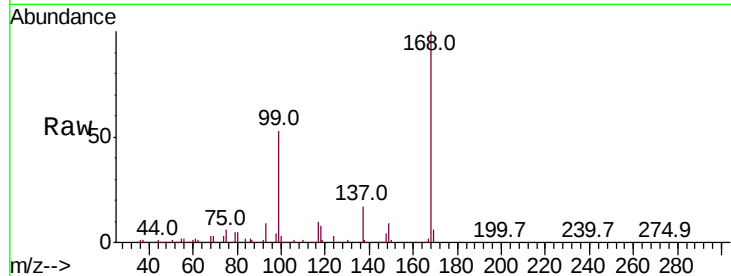
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006730.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1219-S-TCLP-5

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.9	41.8	62.8

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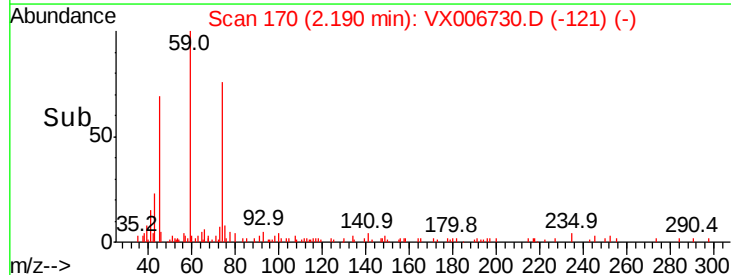
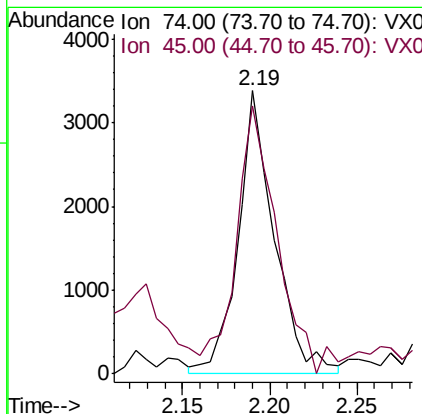
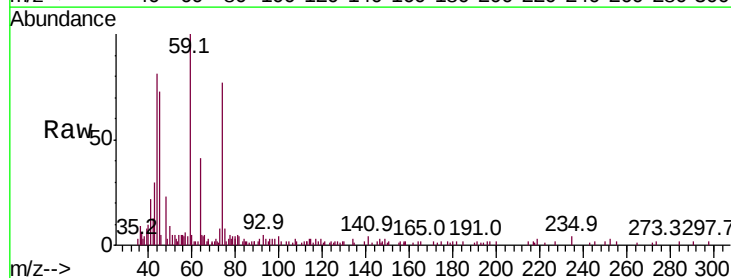
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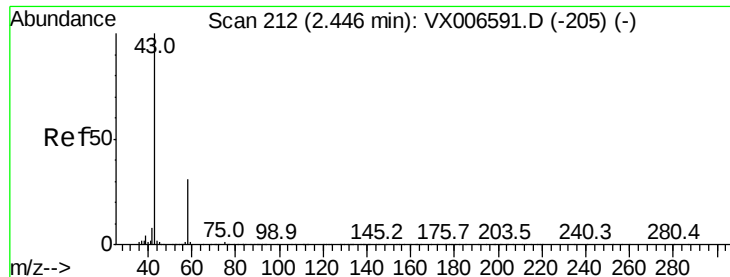


#8

Diethyl Ether
Concen: 1.182 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006730.D
Acq: 21 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	46.3	138.9





#16

Acetone

Concen: 37.275 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

SSSI-1219-S-TCLP-5

Tot Ion: 43 Resp: 119628

Ion Ratio Lower Upper

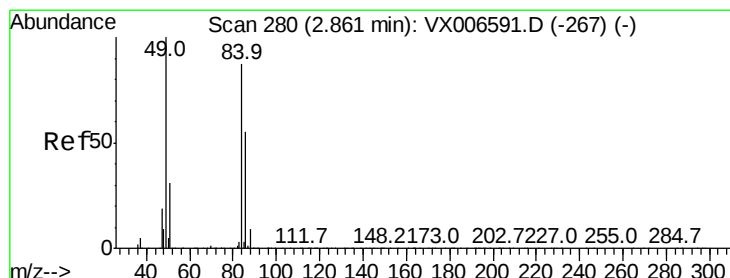
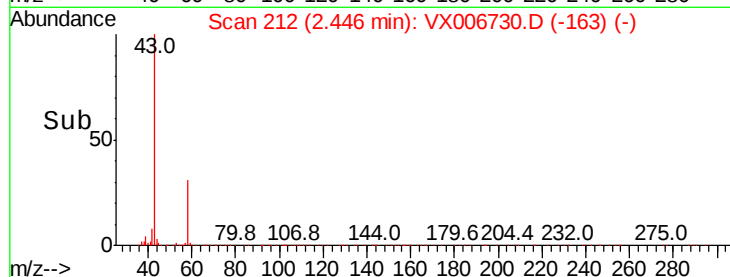
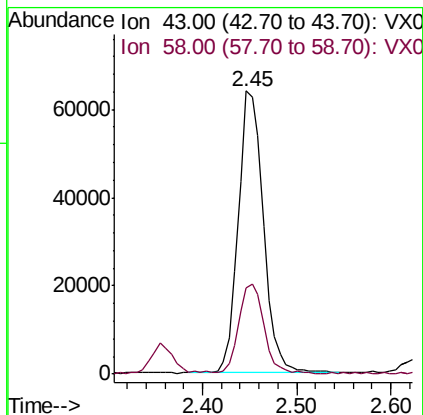
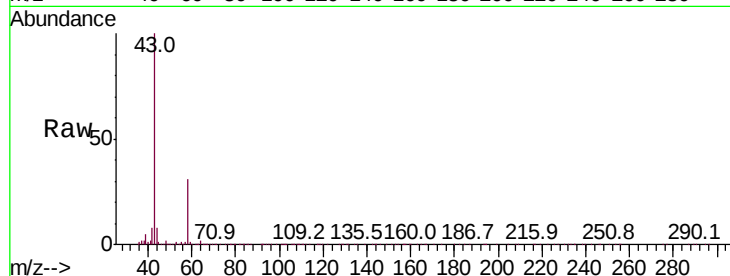
43 100

58 30.4 25.0 37.6

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#20

Methylene Chloride

Concen: 5188.450 ug/l m

RT: 2.84 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Tgt Ion: 84 Resp: 34432381

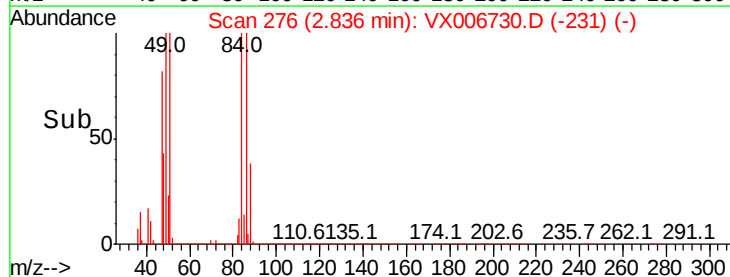
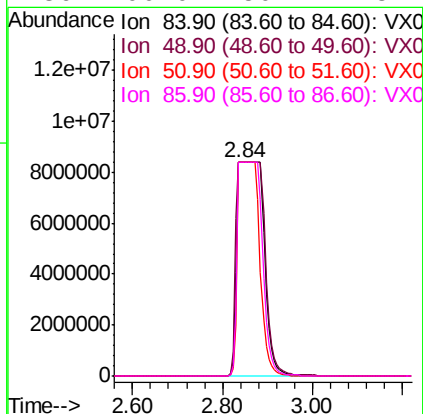
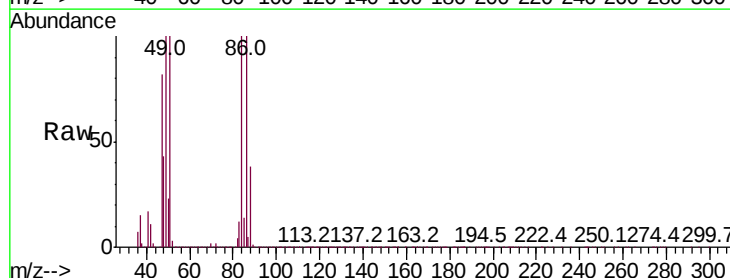
Ion Ratio Lower Upper

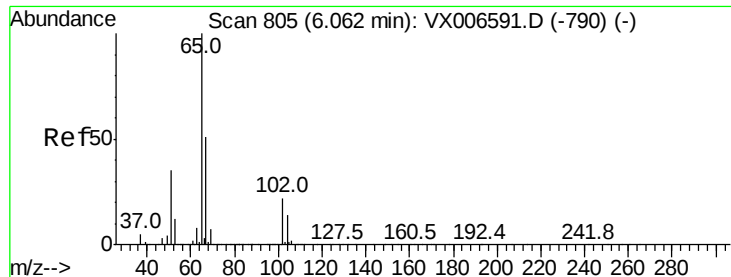
84 100

49 100.0 91.8 137.6

51 100.0 28.5 42.7#

86 100.0 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 49.317 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

SSSI-1219-S-TCLP-5

Tot Ion: 65 Resp: 344503

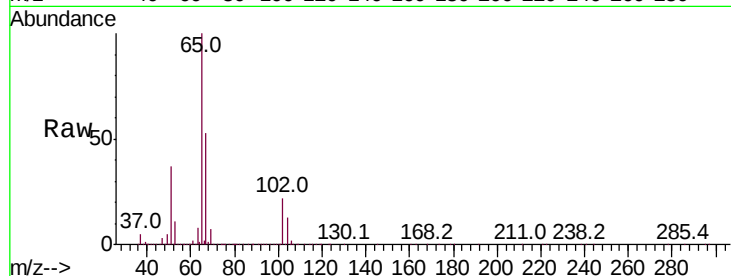
Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

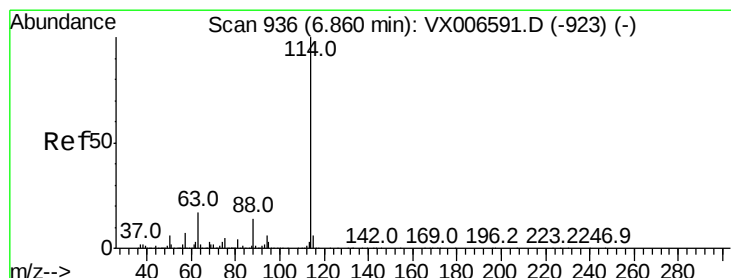
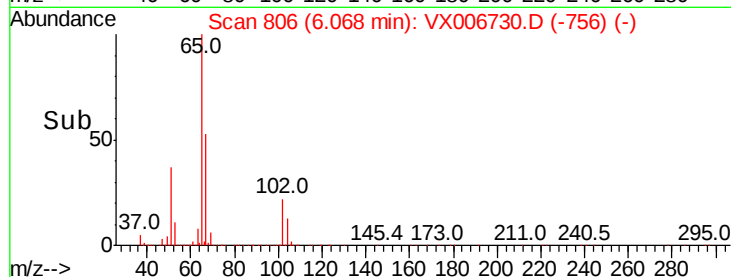
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

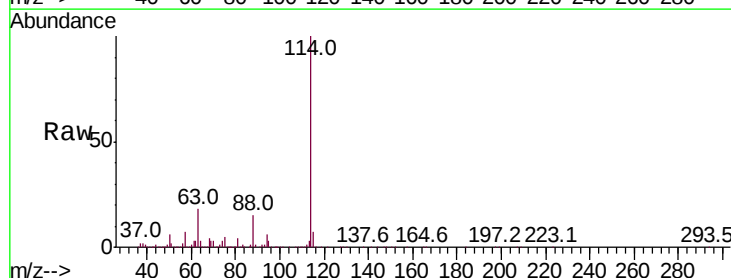
Tgt Ion: 114 Resp: 1000825

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 15.2 0.0 28.8



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

6.86

500000

400000

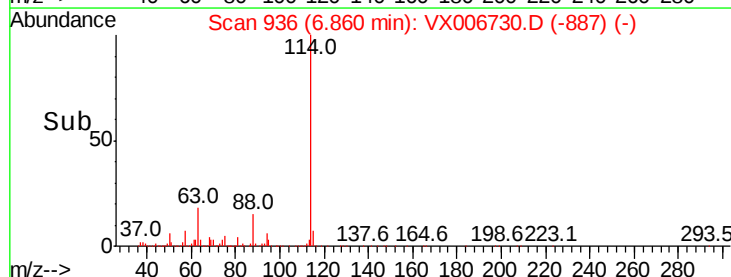
300000

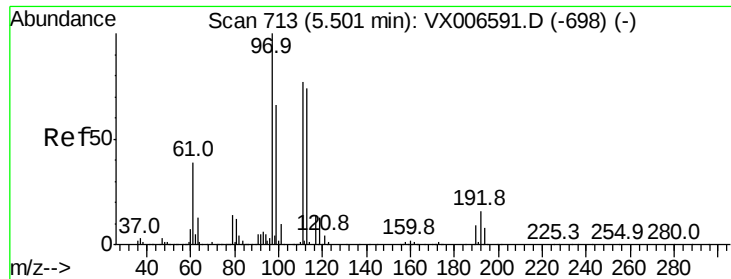
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.685 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Instrument :

MSVOA_X

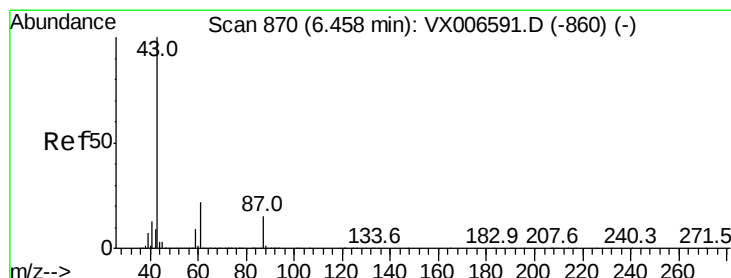
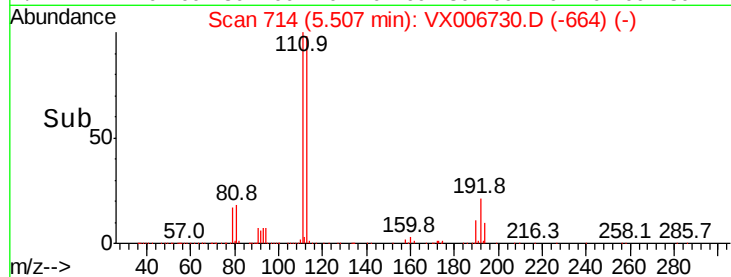
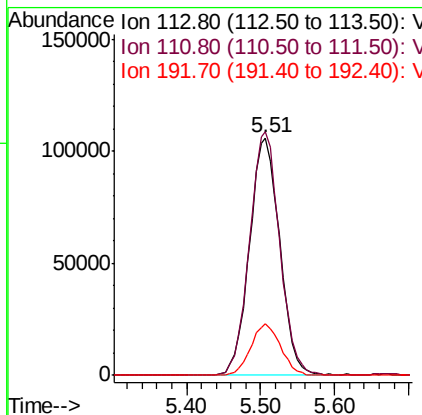
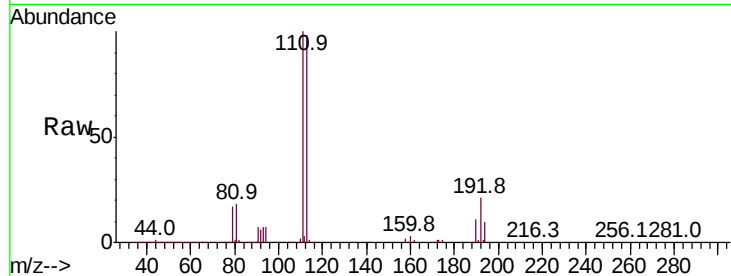
ClientSampleId :

SSSI-1219-S-TCLP-5

Tot Ion:	113	Resp:	301798
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	21.6	16.7	25.1

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#43

Isopropyl Acetate

Concen: 1.734 ug/l

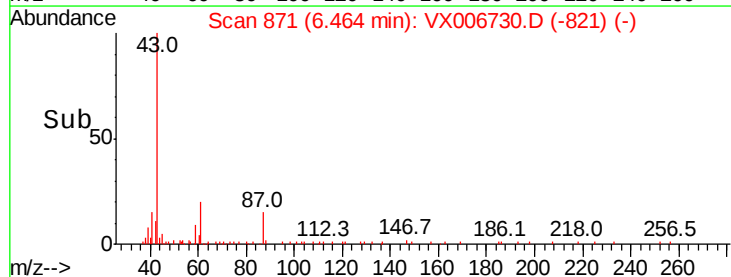
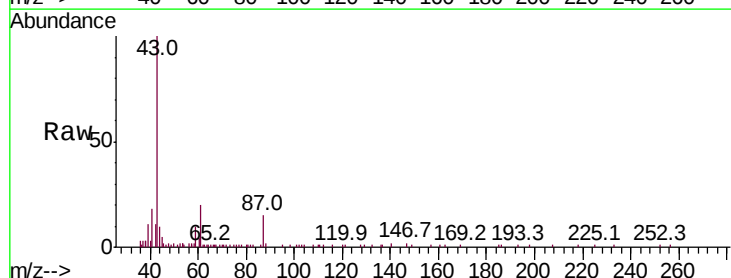
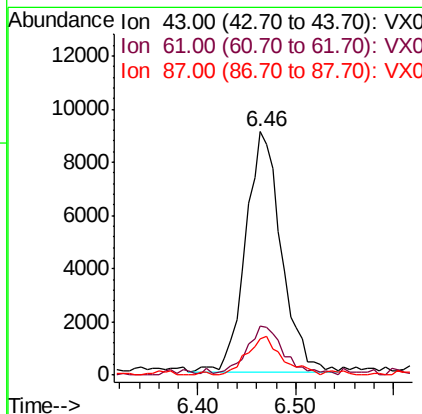
RT: 6.46 min Scan# 871

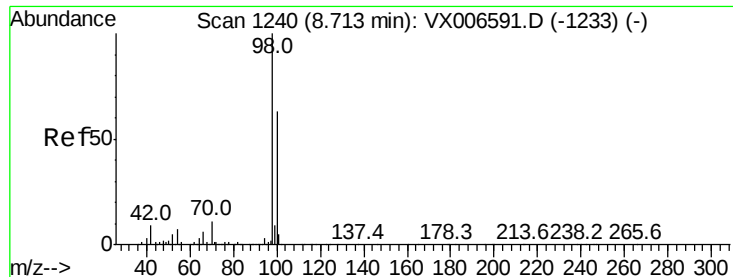
Delta R.T. 0.01 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Tgt Ion:	43	Resp:	22763
Ion Ratio	Lower	Upper	
43	100		
61	21.7	16.8	25.2
87	15.9	12.4	18.6





#50

Toluene-d8

Concen: 49.962 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

SSSI-1219-S-TCLP-5

Tot Ion: 98 Resp: 1192122

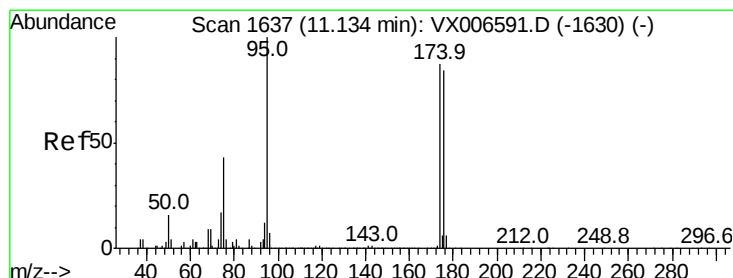
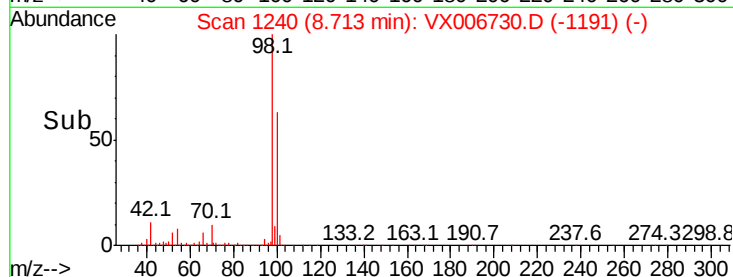
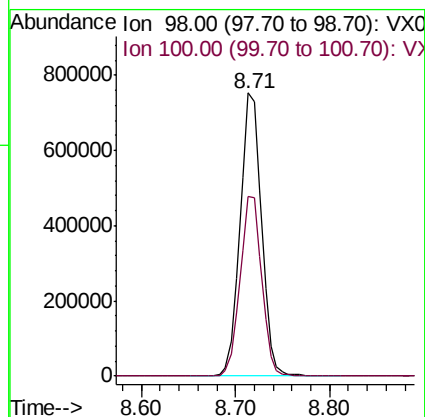
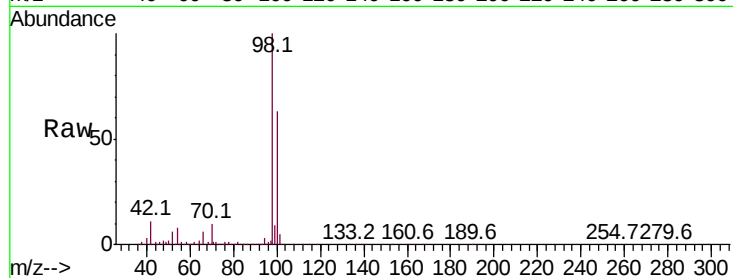
Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

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#62

4-Bromofluorobenzene

Concen: 46.902 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006730.D

Acq: 21 Dec 2018 18:10

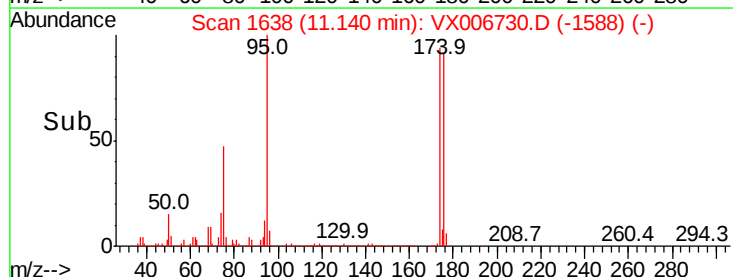
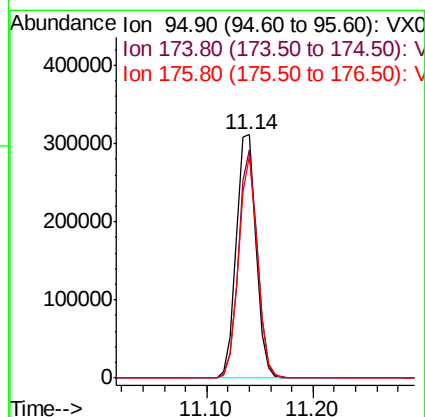
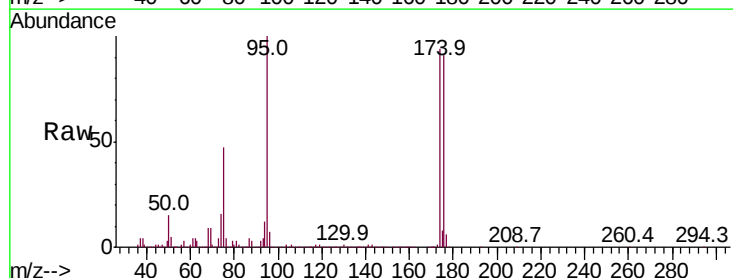
Tgt Ion: 95 Resp: 409866

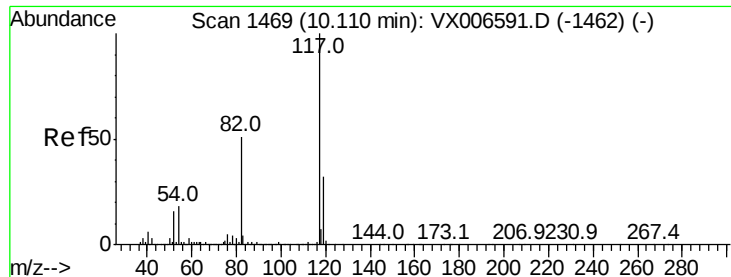
Ion Ratio Lower Upper

95 100

174 88.9 0.0 182.2

176 86.6 0.0 178.8





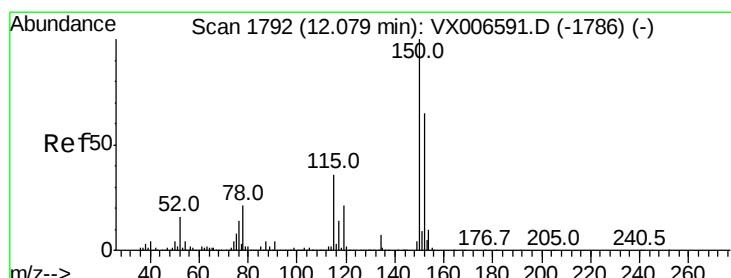
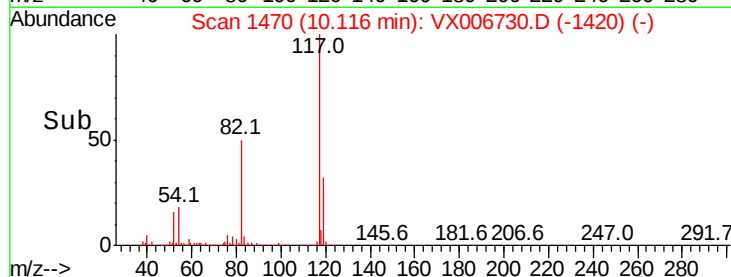
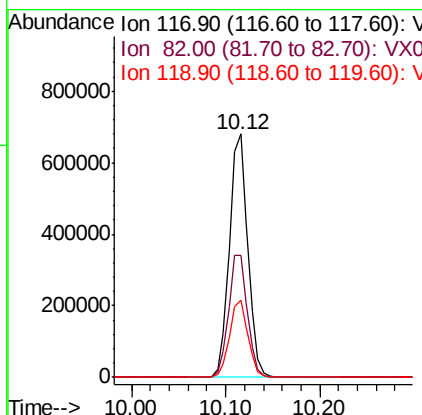
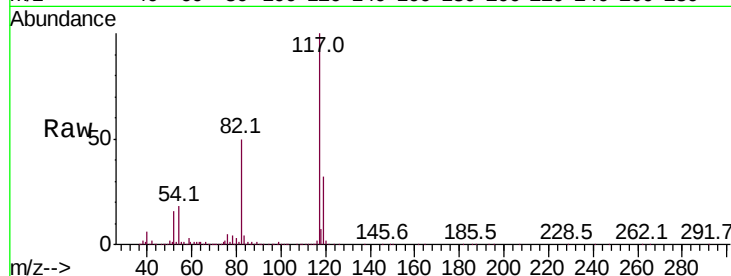
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006730.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1219-S-TCLP-5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	920222		
82	50.1		41.0	61.6
119	31.5		25.4	38.0

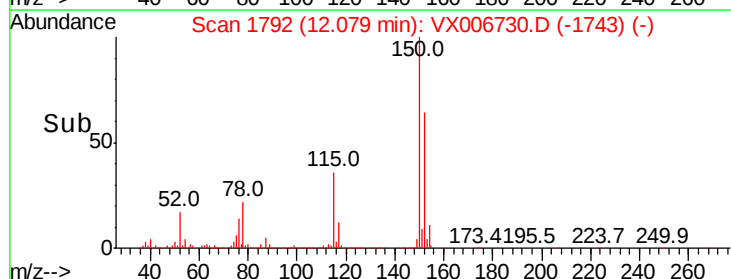
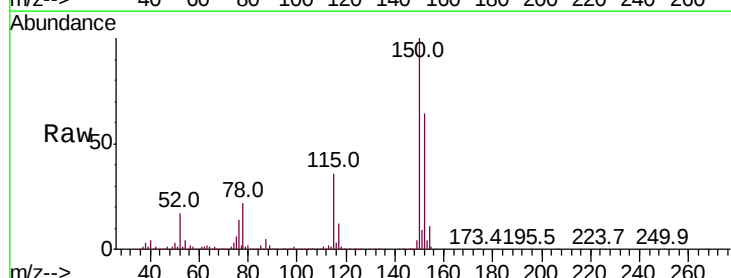
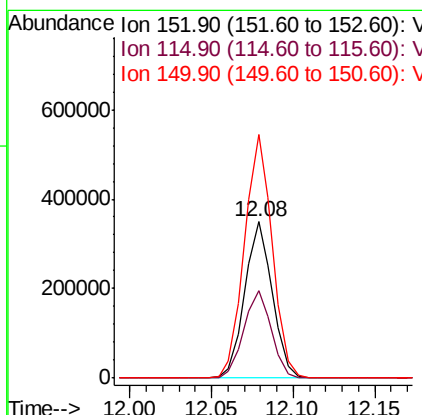
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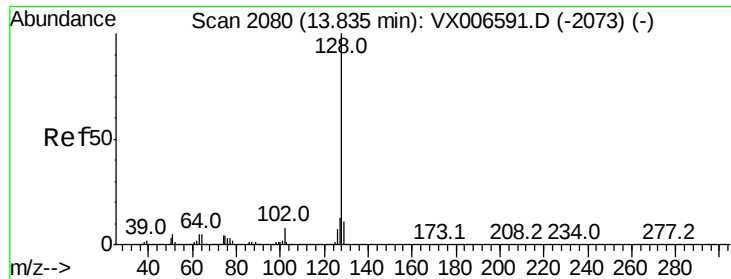
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006730.D
Acq: 21 Dec 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	412998		
115	56.1		39.1	117.2
150	156.8		0.0	344.8





#95
Naphthalene
Concen: 1.165 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006730.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
SSSI-1219-S-TCLP-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	12.2	8.6	13.0

Manual Integrations
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12/22/2018 11:21:06 AM

