

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007372.D
 Acq On : 05 Feb 2019 13:12
 Operator : JC/SP
 Sample : K1299-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-3

Manual Integrations
 APPROVED

MMDadoda
 2/6/2019 9:29:48 AM

Quant Time: Feb 06 00:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	513546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	800264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275787	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	214464	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
50) Toluene-d8	8.71	98	958629	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	337911	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	2.45	43	31609	12.659	ug/l	98
18) Methyl Acetate	2.78	43	3223	1.083	ug/l	95
20) Methylene Chloride	2.86	84	19622	3.481	ug/l	92
25) 2-Butanone	4.70	43	5927m	1.668	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	21124	1.038	ug/l	100
95) Naphthalene	13.83	128	739062	30.398	ug/l	100

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

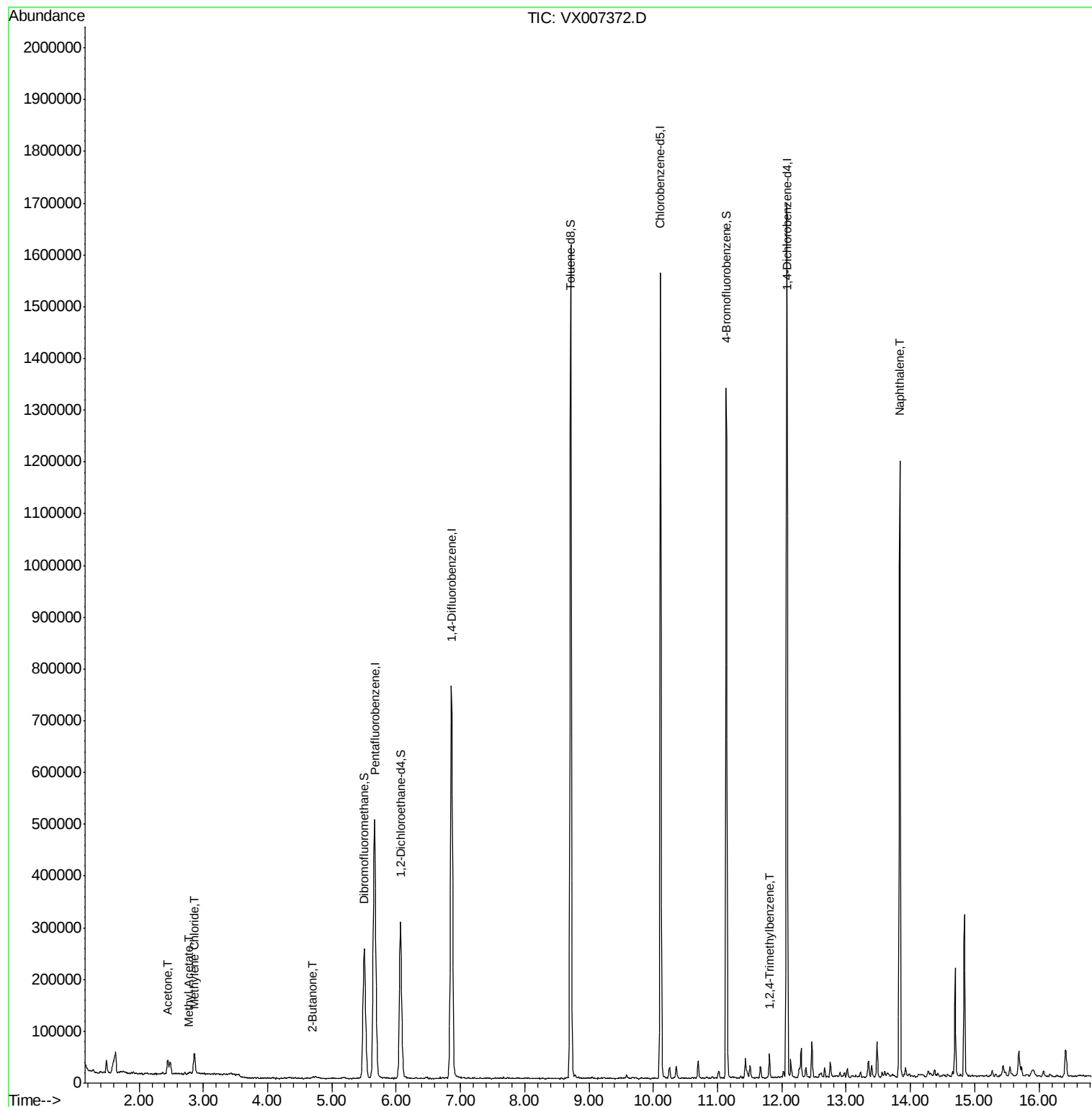
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
Data File : VX007372.D
Acq On : 05 Feb 2019 13:12
Operator : JC/SP
Sample : K1299-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

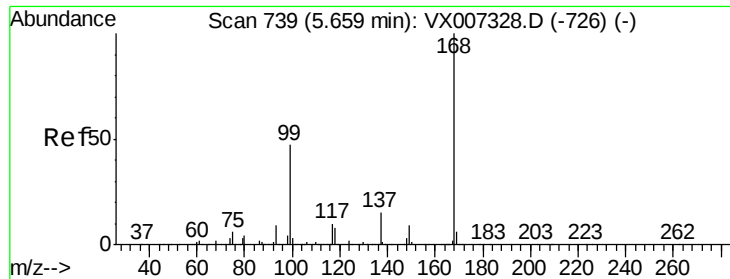
Instrument :
MSVOA_X
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Manual Integrations
APPROVED

MMDadoda
2/6/2019 9:29:48 AM

Quant Time: Feb 06 00:56:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-3

Tot Ion:168 Resp: 513546

Ion Ratio Lower Upper

168 100

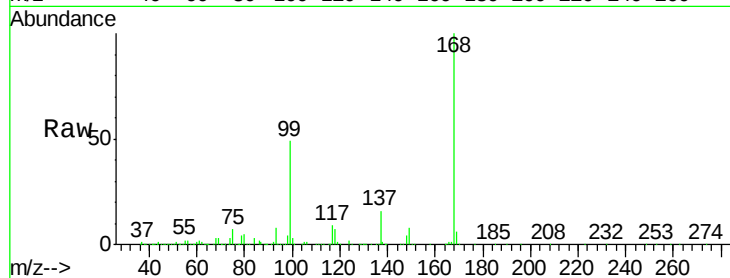
99 48.9 37.9 56.9

Manual Integrations

APPROVED

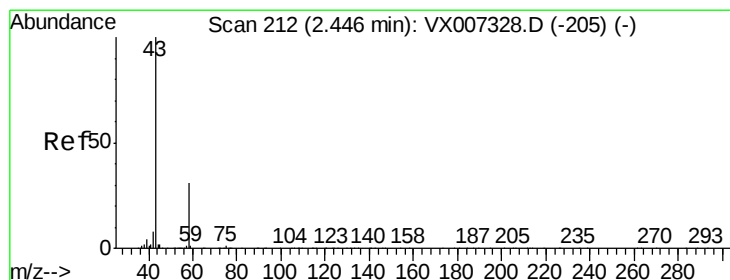
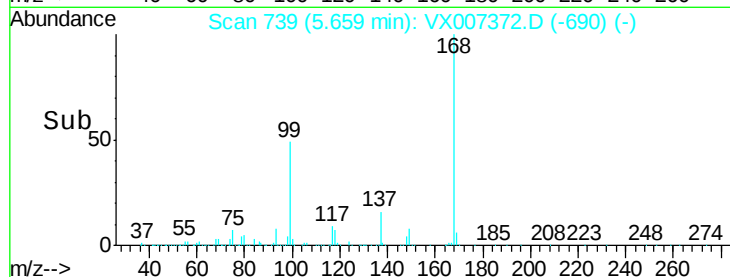
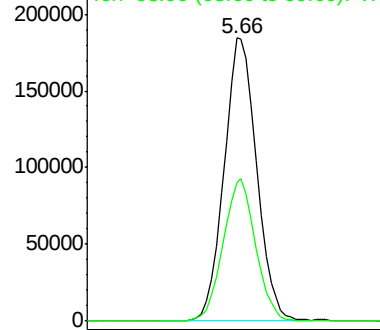
MMDadoda

2/6/2019 9:29:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.659 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007372.D

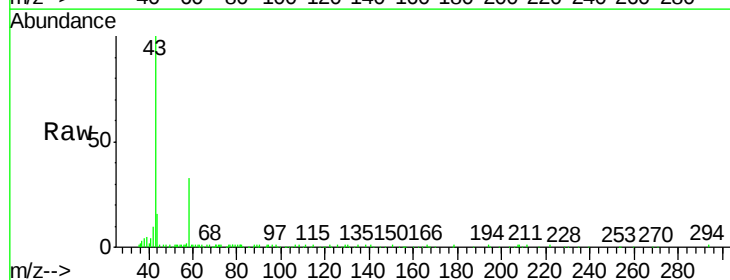
Acq: 05 Feb 2019 13:12

Tgt Ion: 43 Resp: 31609

Ion Ratio Lower Upper

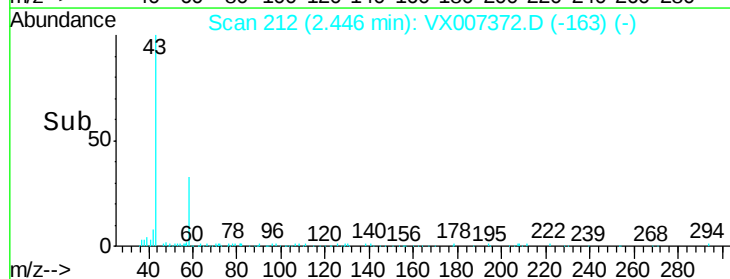
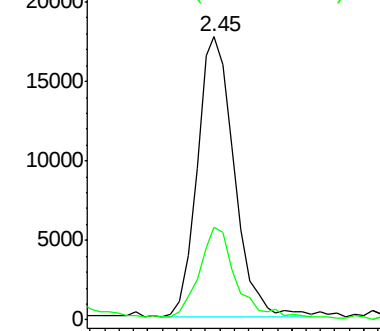
43 100

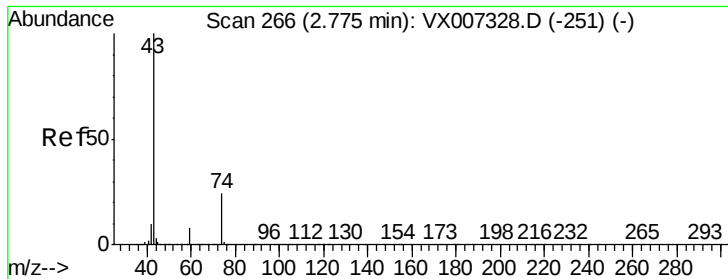
58 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





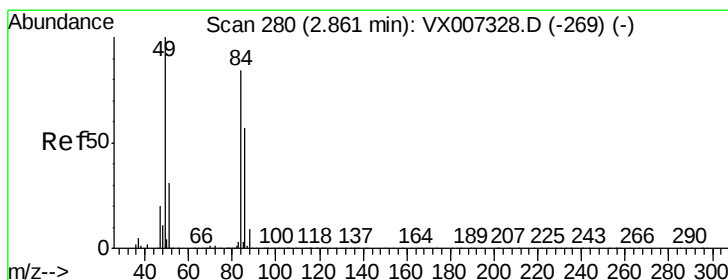
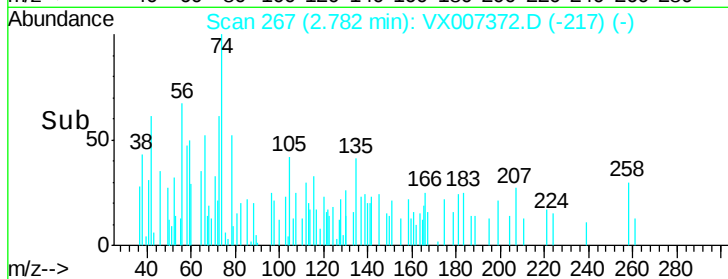
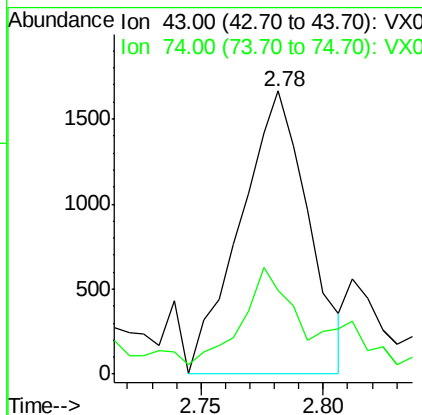
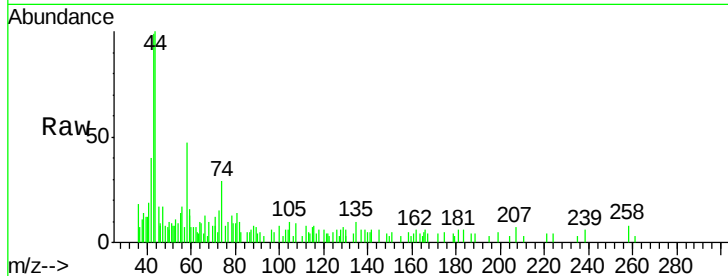
#18
Methyl Acetate
Concen: 1.083 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tot Ion	Ratio	Lower	Upper
43	100		
74	26.8	19.4	29.2

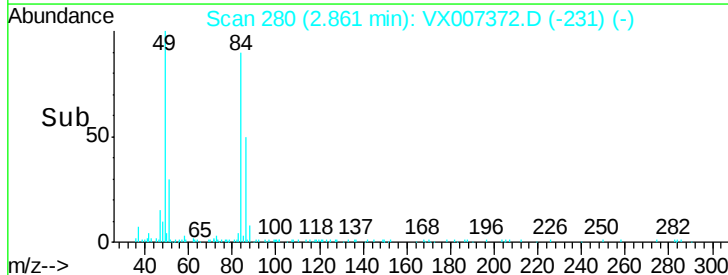
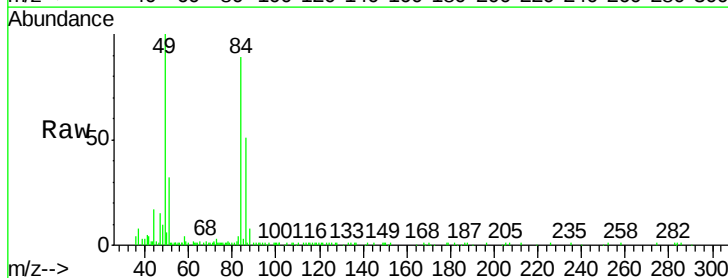
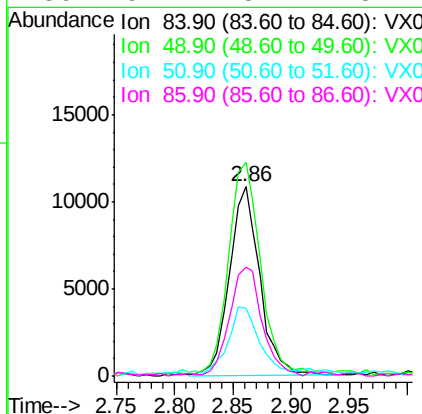
Manual Integrations
APPROVED

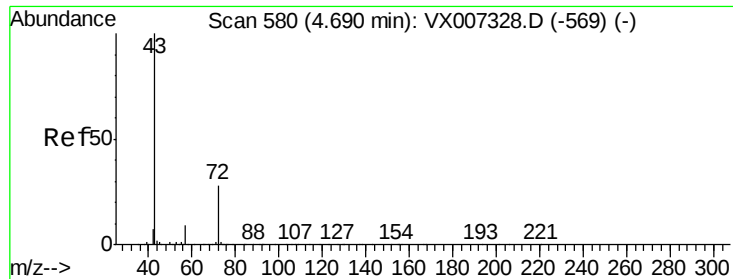
MMDadoda
2/6/2019 9:29:48 AM



#20
Methylene Chloride
Concen: 3.481 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.4	94.8	142.2
51	34.0	29.8	44.8
86	57.1	54.1	81.1





#25

2-Butanone

Concen: 1.668 ug/l m

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-3

Tot Ion: 43 Resp: 5927

Ion Ratio Lower Upper

43 100

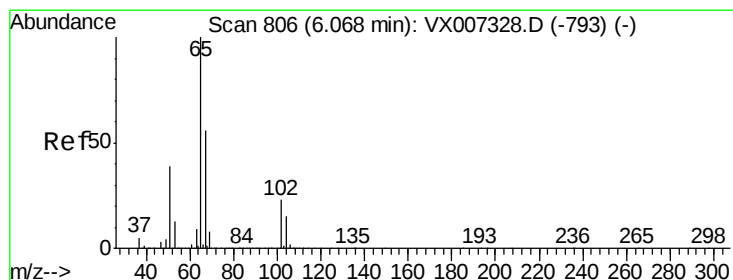
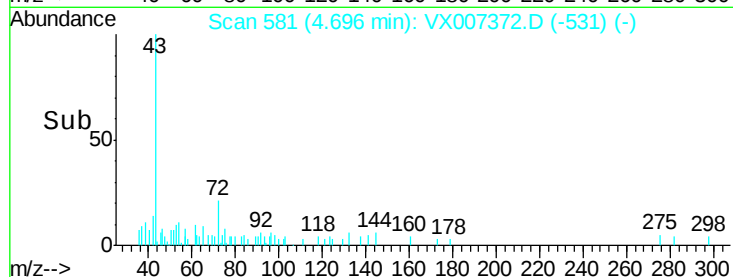
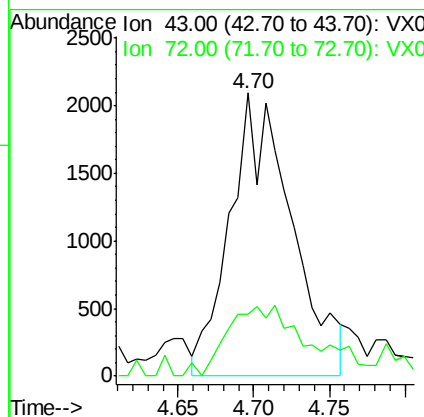
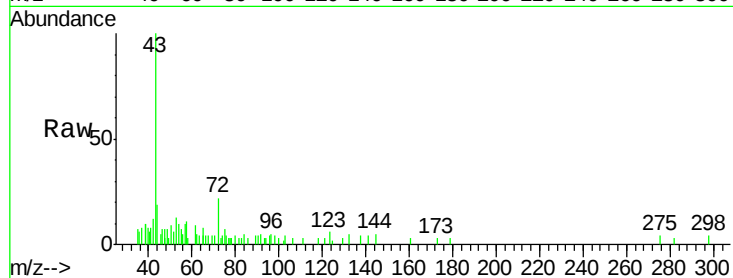
72 22.1 22.2 33.2#

Manual Integrations

APPROVED

MMDadoda

2/6/2019 9:29:48 AM



#33

1,2-Dichloroethane-d4

Concen: 50.595 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007372.D

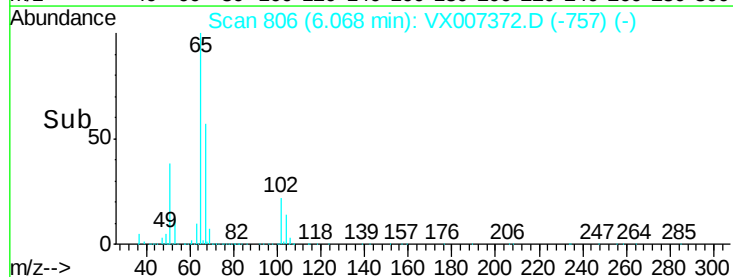
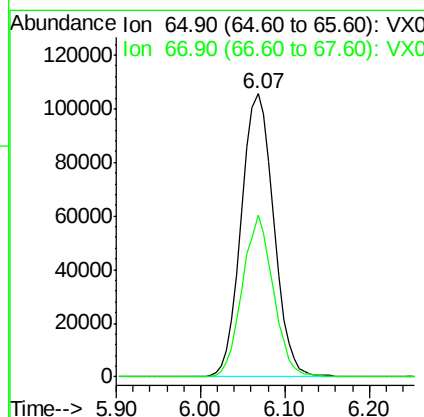
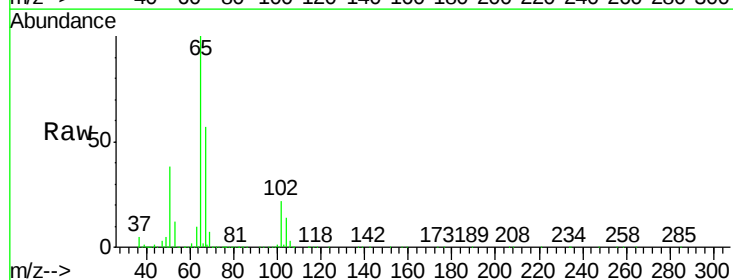
Acq: 05 Feb 2019 13:12

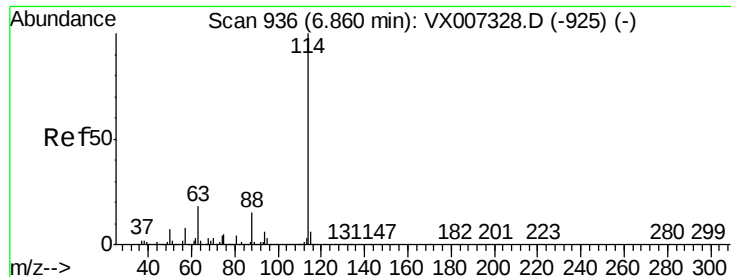
Tgt Ion: 65 Resp: 275787

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

Instrument :

MSVOA_X

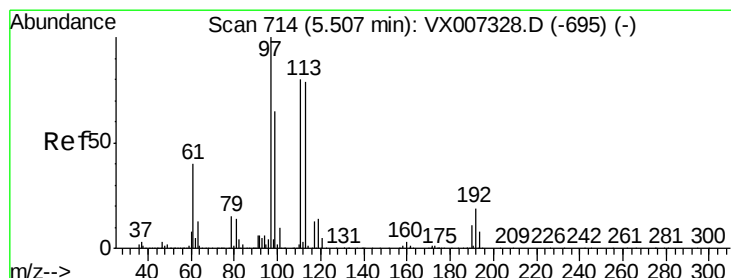
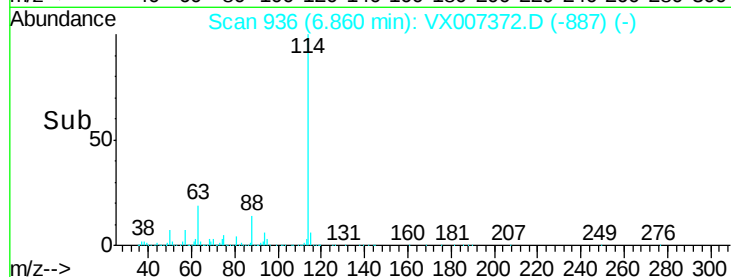
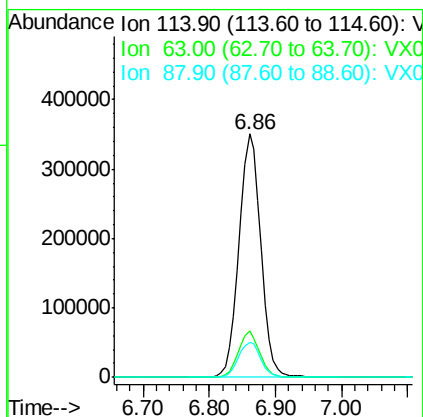
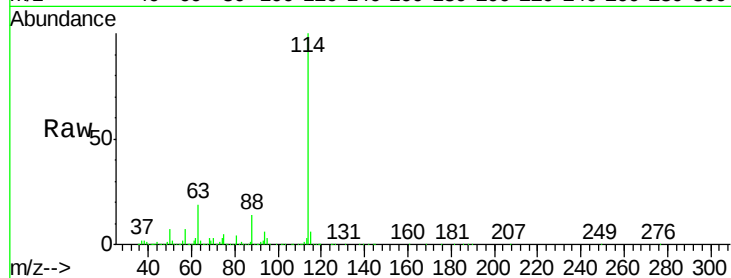
ClientSampleId :

SPLP-LEACH-AMND-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
114	100	800264		
63	18.9	0.0	35.6	
88	14.3	0.0	29.6	

Manual Integrations
APPROVED

MMDadoda
2/6/2019 9:29:48 AM



#35

Dibromofluoromethane

Concen: 41.187 ug/l

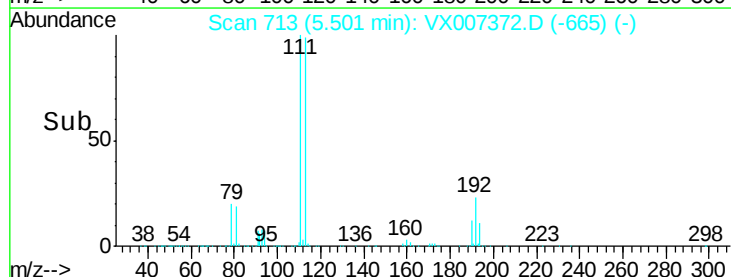
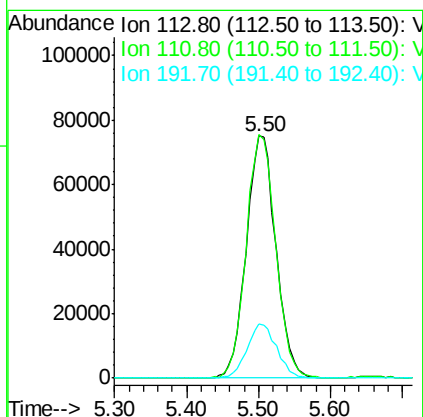
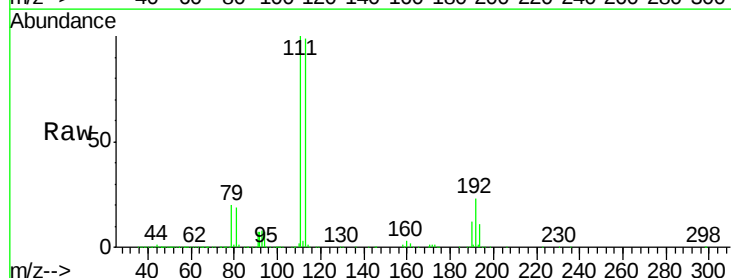
RT: 5.50 min Scan# 713

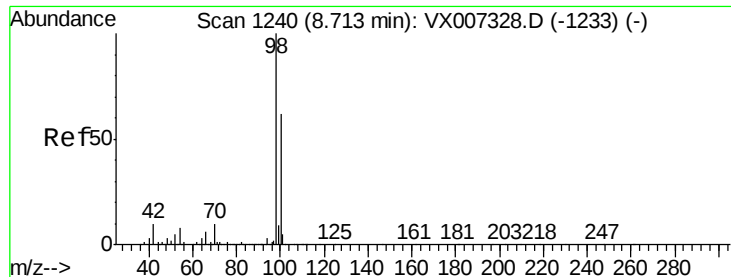
Delta R.T. -0.01 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	214464		
111	99.9	81.8	122.8	
192	22.4	18.5	27.7	





#50

Toluene-d8

Concen: 49.621 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-3

Tot Ion: 98 Resp: 958629

Ion Ratio Lower Upper

98 100

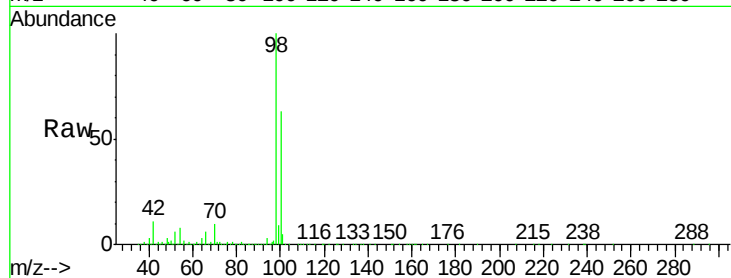
100 64.0 51.6 77.4

Manual Integrations

APPROVED

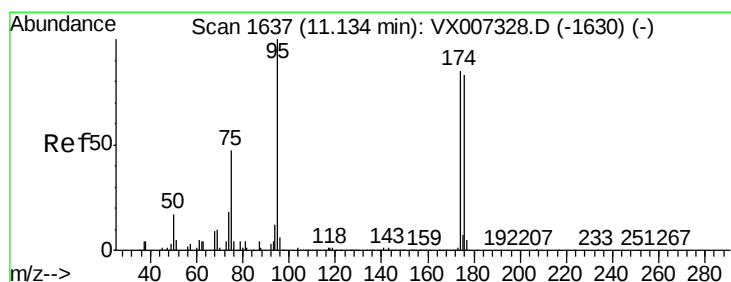
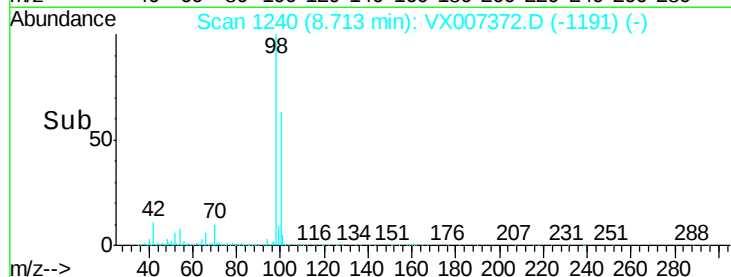
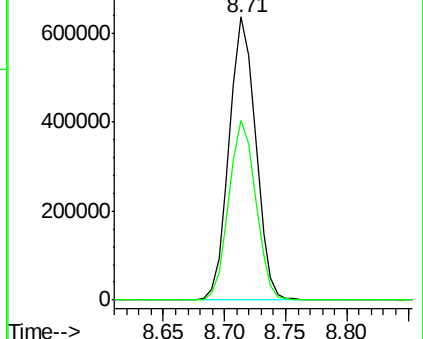
MMDadoda

2/6/2019 9:29:48 AM



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007372.D

Acq: 05 Feb 2019 13:12

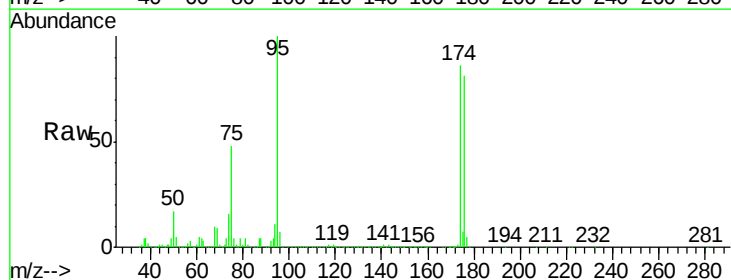
Tgt Ion: 95 Resp: 337911

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

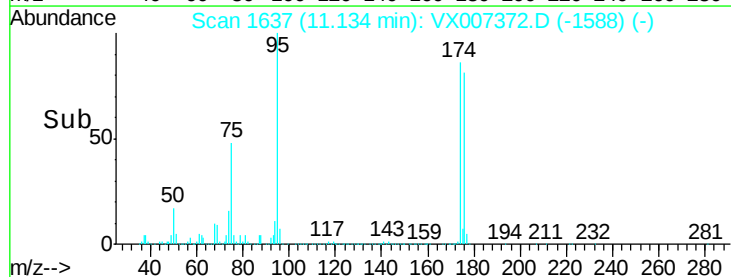
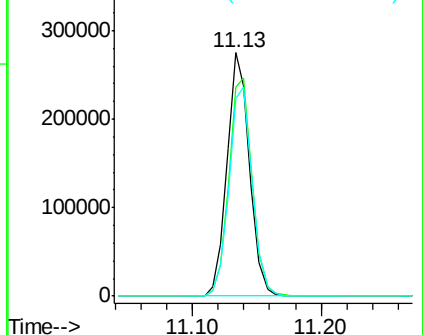
176 88.8 0.0 186.2

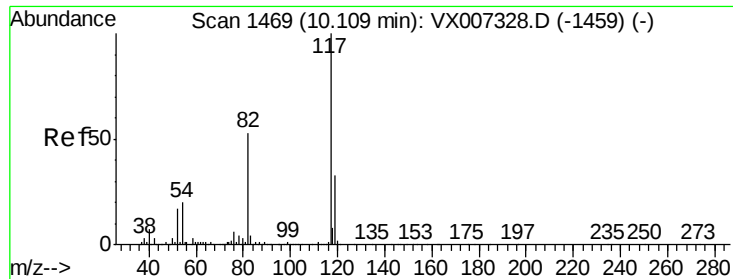


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





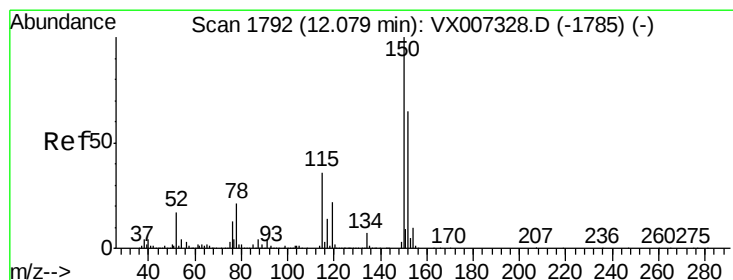
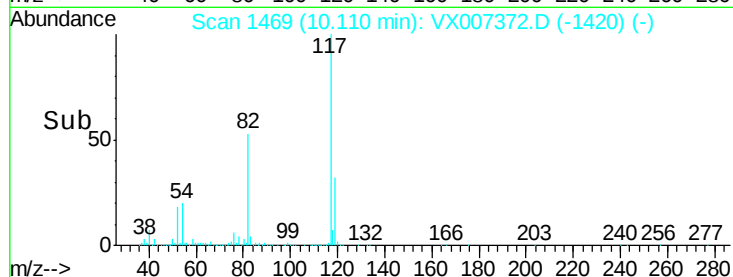
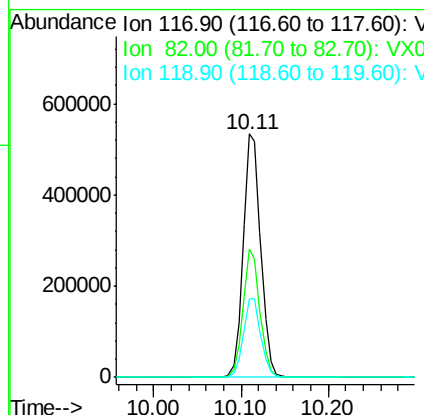
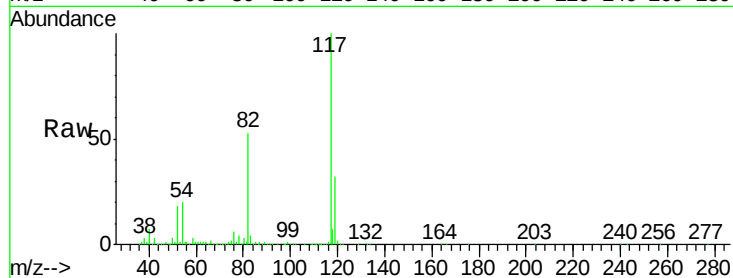
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.4	26.5	39.7

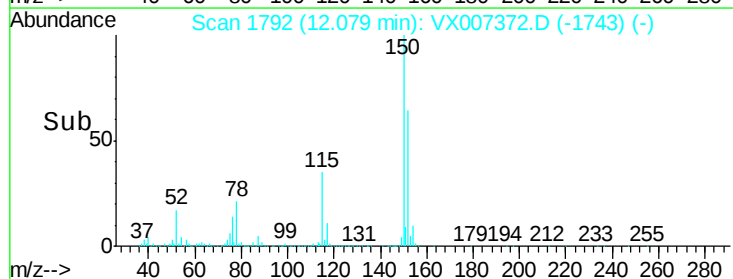
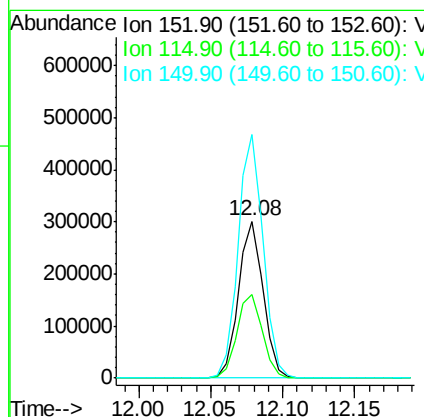
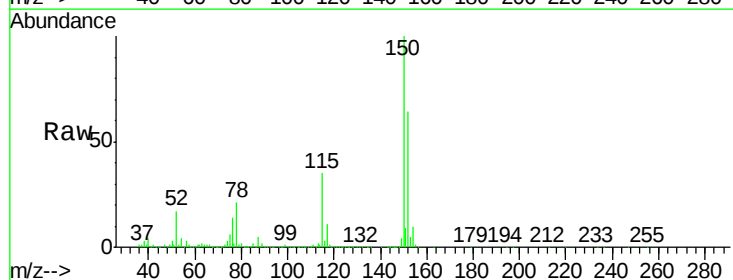
Manual Integrations
APPROVED

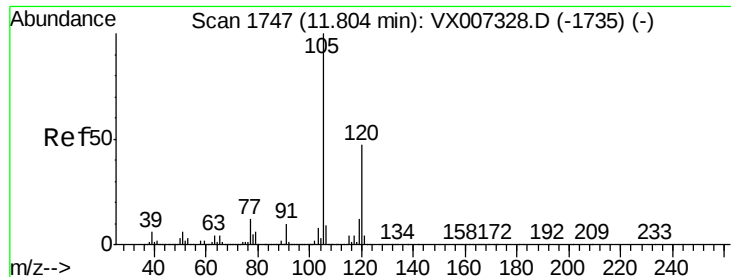
MMDadoda
2/6/2019 9:29:48 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.0	114.0
150	157.0	0.0	346.4





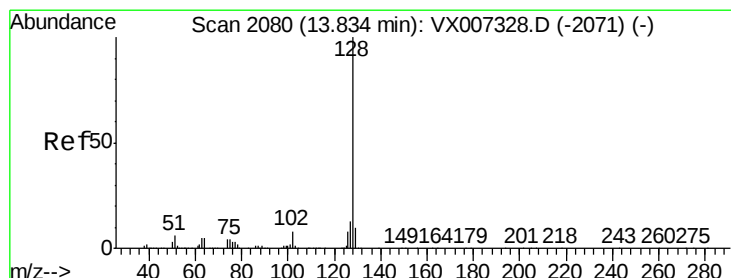
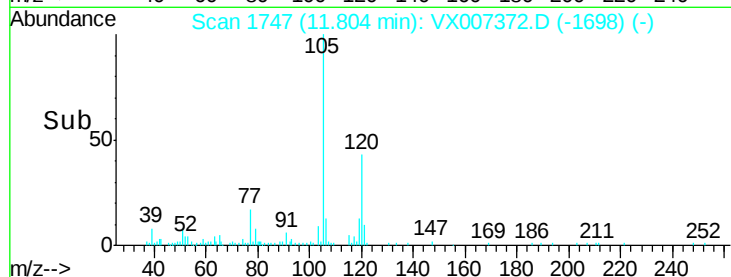
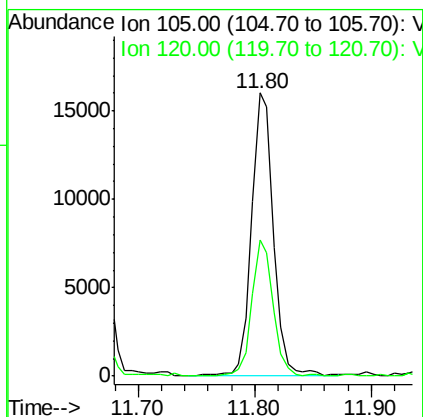
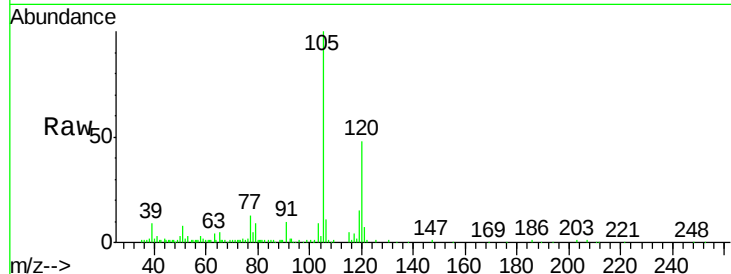
#84
1,2,4-Trimethylbenzene
Concen: 1.038 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3

Manual Integrations
APPROVED

MMDadoda
2/6/2019 9:29:48 AM



#95
Naphthalene
Concen: 30.398 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007372.D
Acq: 05 Feb 2019 13:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.7	13.1

