

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025671.D
 Acq On : 27 Jul 2018 16:04
 Operator : MD/SY
 Sample : J4144-01ME 5X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MCMaster-SEDIMENT-7-23-18ME

Manual Integrations
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MMDadoda
 7/31/2018 3:49:12 PM

Quant Time: Jul 28 05:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	175089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263098	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	259937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	176915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	131074	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	4.88	113	109329	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.57	98	384534	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	10.31	95	159070	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	7.64	92	5881	1.05	ug/l	99
67) Ethyl Benzene	9.25	91	13182	1.19	ug/l	99
68) m/p-Xylenes	9.38	106	46370	10.88	ug/l	98
69) o-Xylene	9.78	106	18023	4.33	ug/l	99
73) Isopropylbenzene	10.17	105	10547	0.87	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	70348	6.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	165644	15.94	ug/l	98
86) p-Isopropyltoluene	11.48	119	14223	1.28	ug/l	92
95) Naphthalene	13.75	128	5763773	429.03	ug/l	99

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

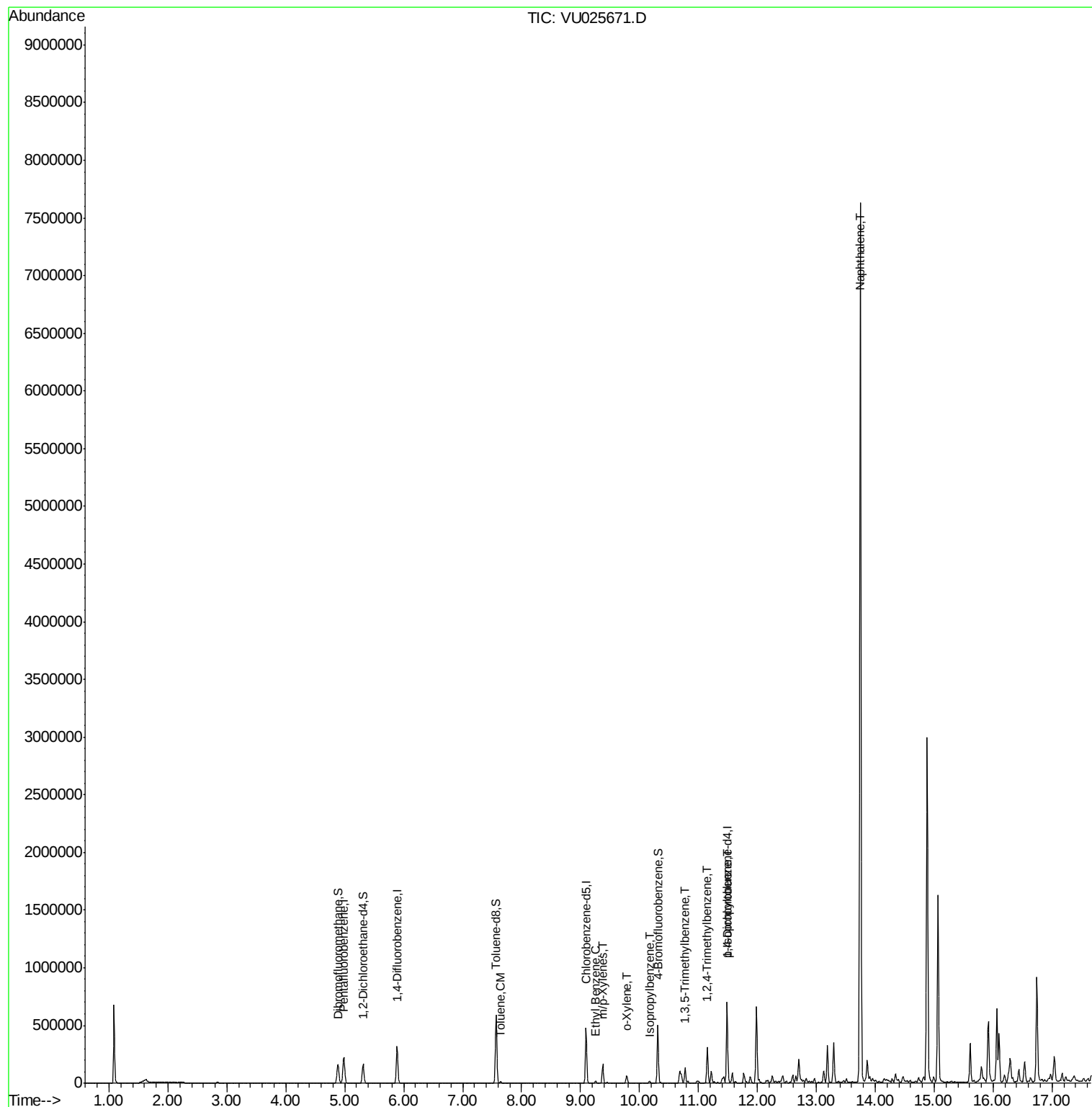
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025671.D
Acq On : 27 Jul 2018 16:04
Operator : MD/SY
Sample : J4144-01ME 5X
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

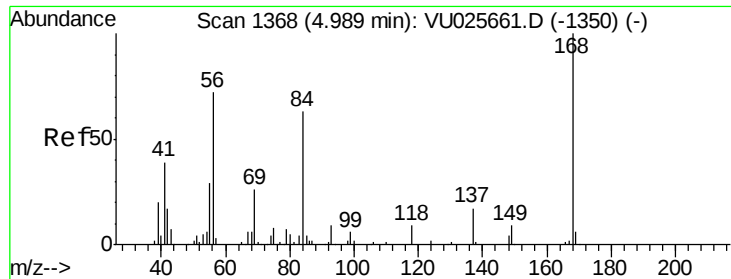
Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Manual Integrations
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Quant Time: Jul 28 05:10:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025671.D

Acq: 27 Jul 2018 16:04

Instrument :

MSVOA_U

ClientSampleId :

MCMaster-Sediment-7-23-18ME

Tot Ion:168 Resp: 175089

Ion Ratio Lower Upper

168 100

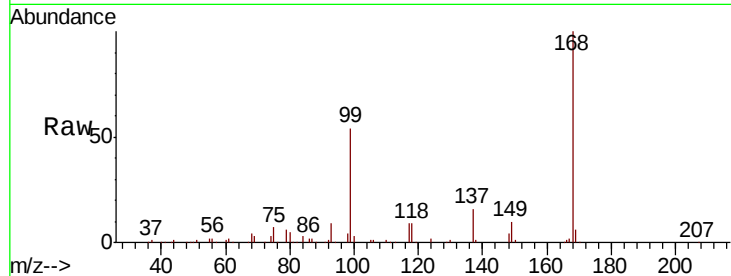
99 54.0 42.8 64.2

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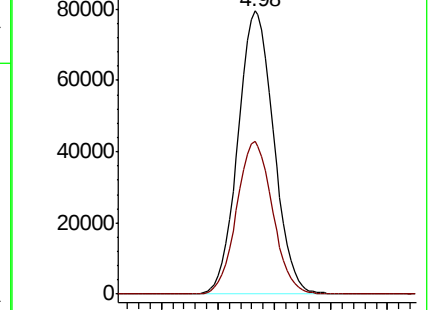
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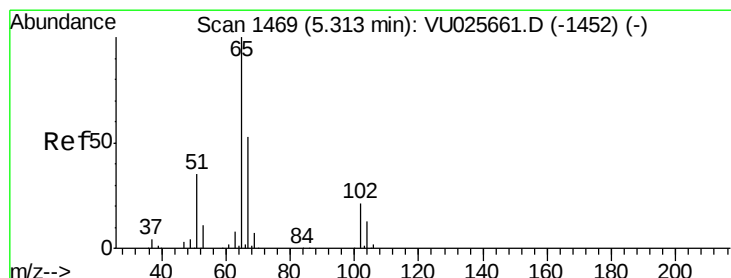
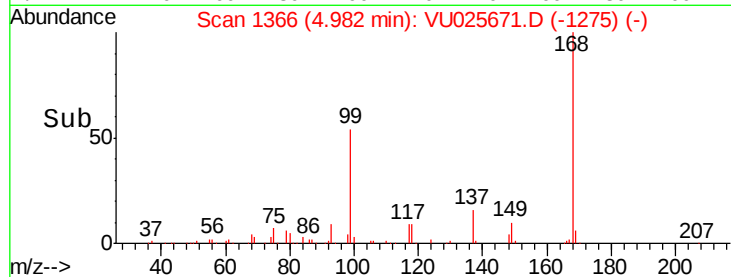


Abundance Ion 167.90 (167.60 to 168.60): VU025671.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025671.D (-1350) (-)



Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.05 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025671.D

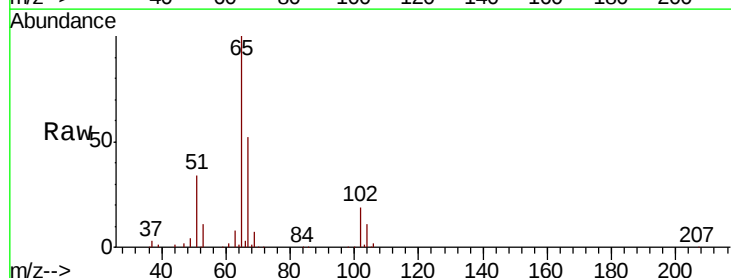
Acq: 27 Jul 2018 16:04

Tgt Ion: 65 Resp: 131074

Ion Ratio Lower Upper

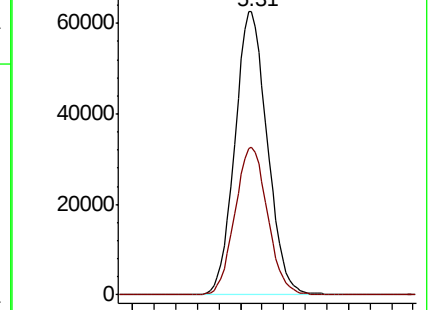
65 100

67 52.6 0.0 103.6

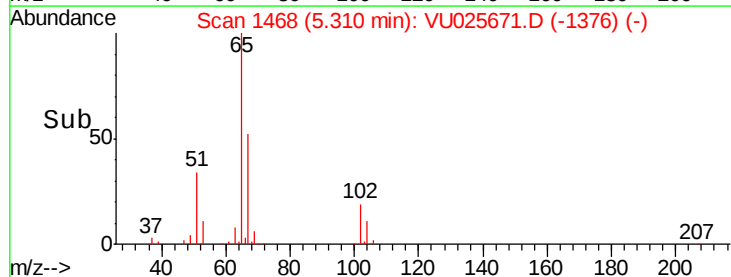


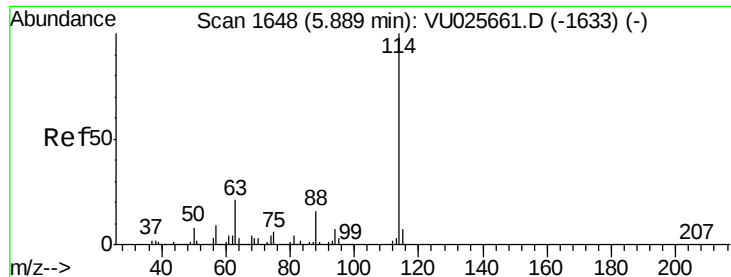
Abundance Ion 64.90 (64.60 to 65.60): VU025671.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025671.D (-1376) (-)



Time-->





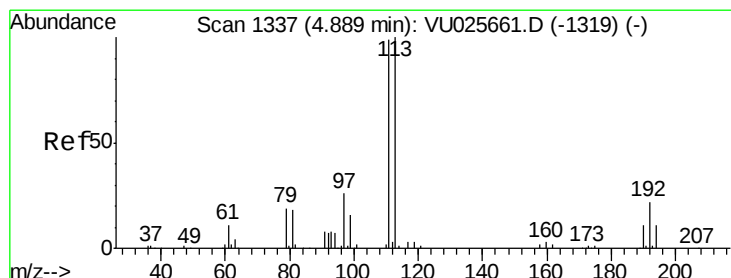
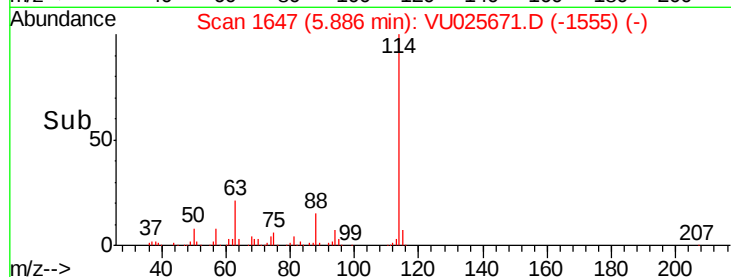
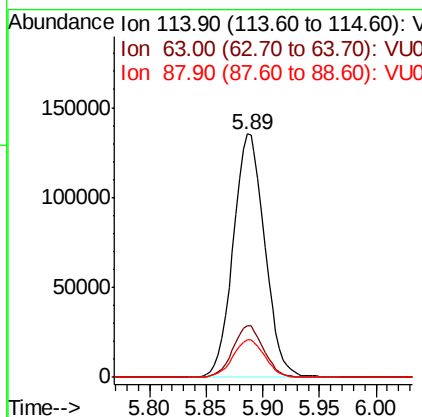
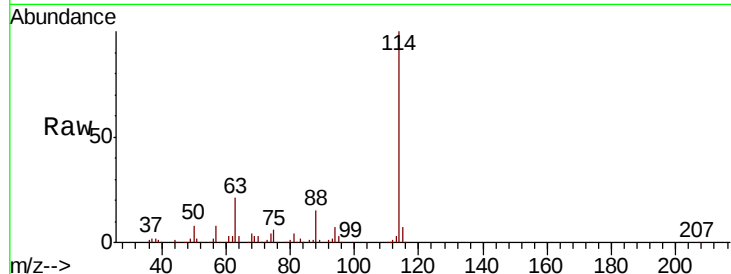
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: VU025671.D
 Acq: 27 Jul 2018 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.4	0.0	41.6
88	15.3	0.0	32.4

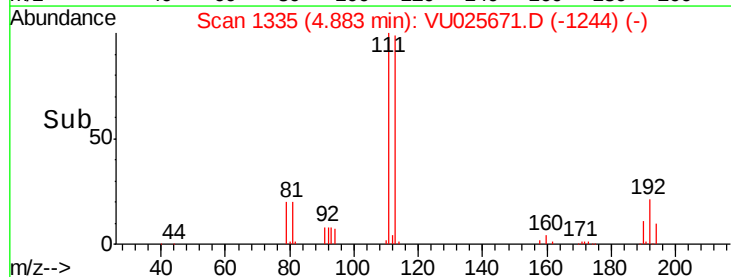
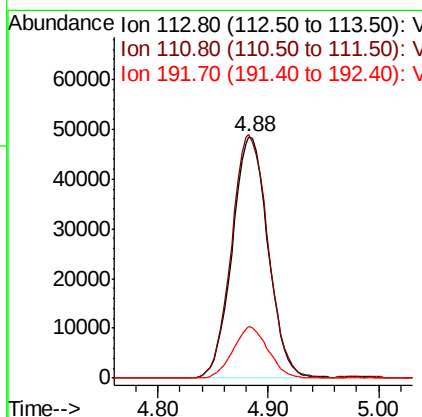
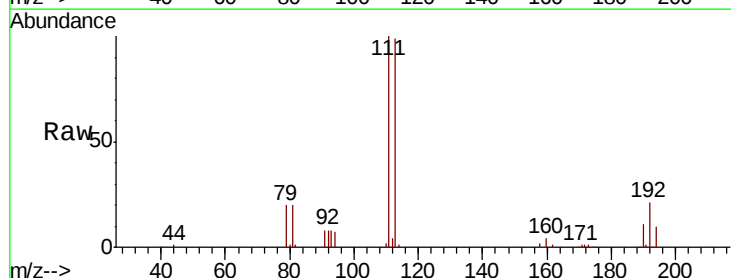
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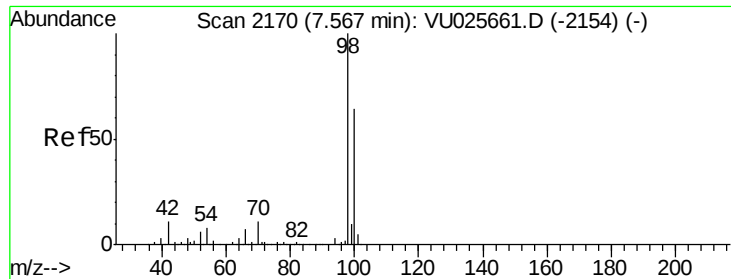
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#35
 Dibromofluoromethane
 Concen: 47.78 ug/l
 RT: 4.88 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: VU025671.D
 Acq: 27 Jul 2018 16:04

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.4	81.7	122.5
192	20.8	17.1	25.7





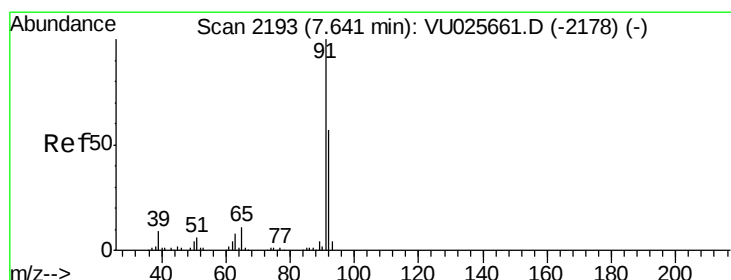
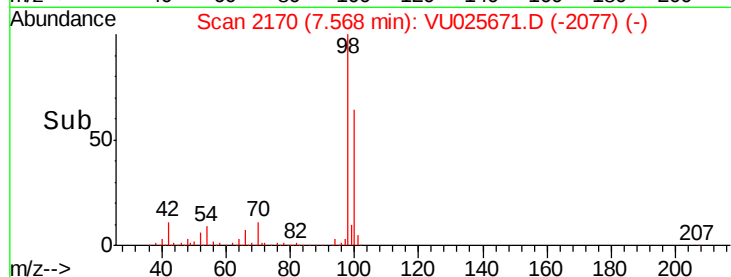
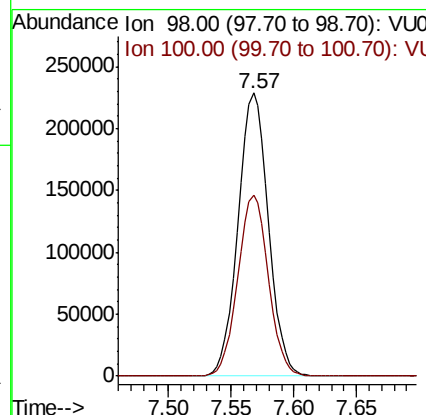
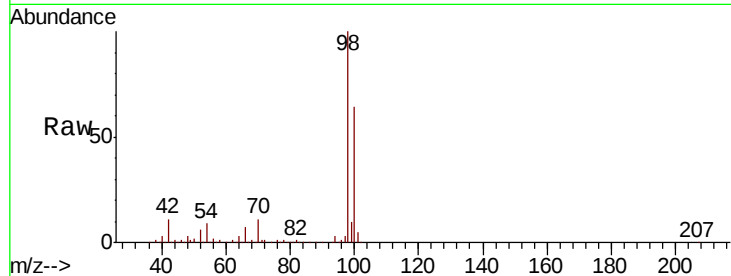
#50
Toluene-d8
Concen: 48.02 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		384534		
100	64.6	51.1	76.7		

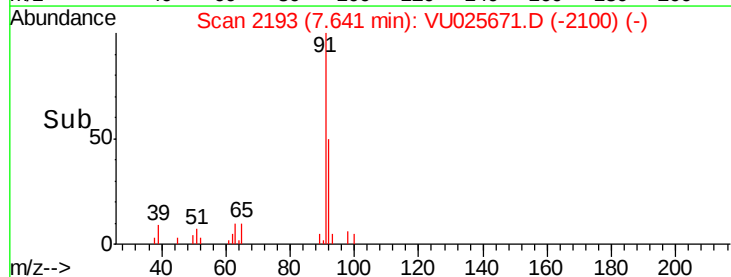
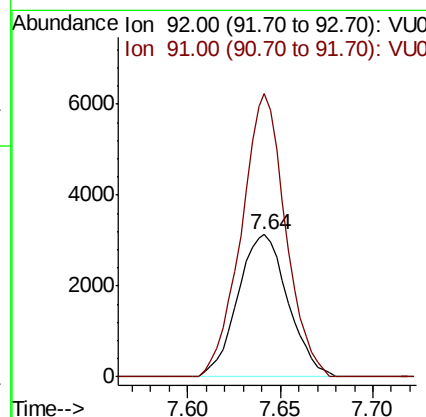
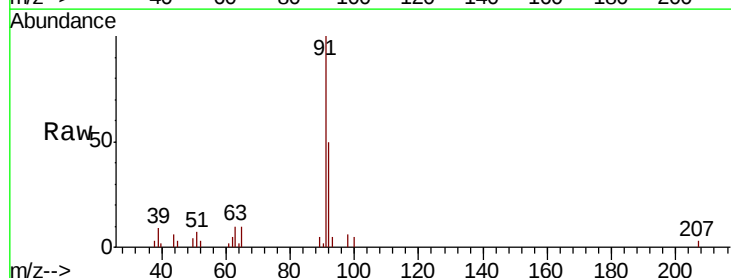
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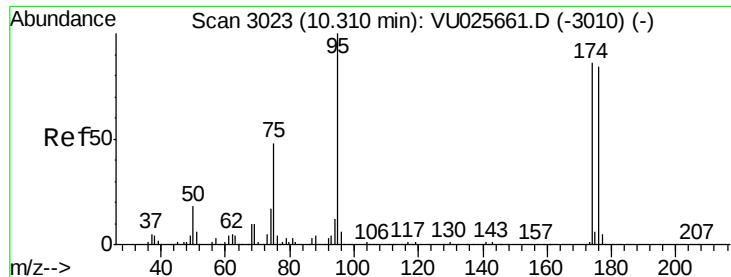
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#52
Toluene
Concen: 1.05 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		5881		
91	175.3	139.2	208.8		





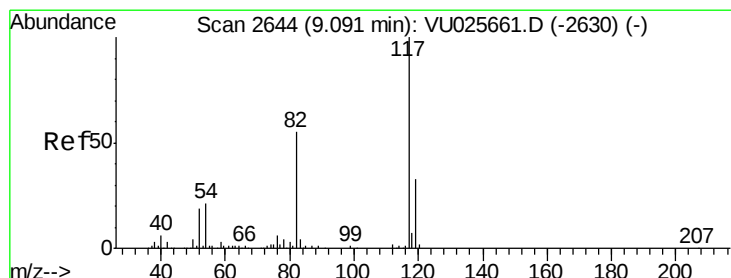
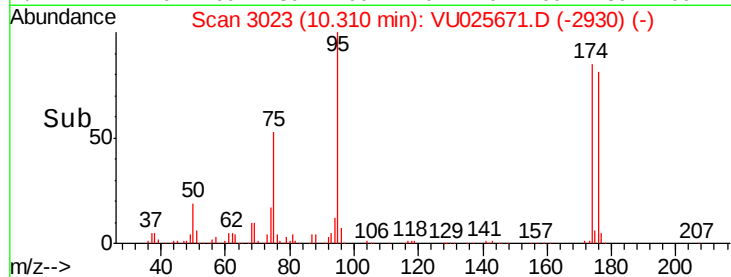
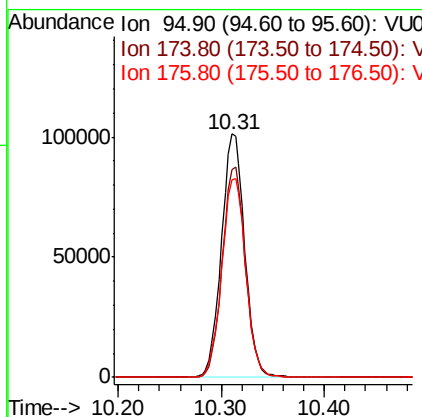
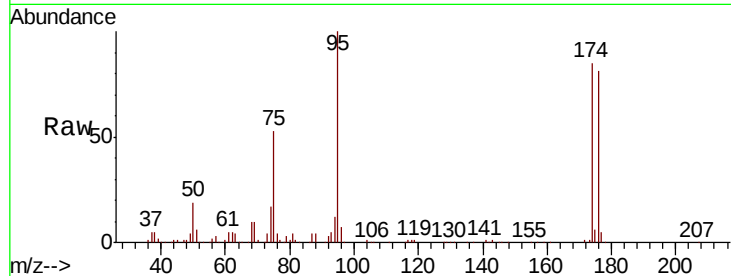
#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	159070		
174	85.7	0.0	172.2	
176	84.0	0.0	162.6	

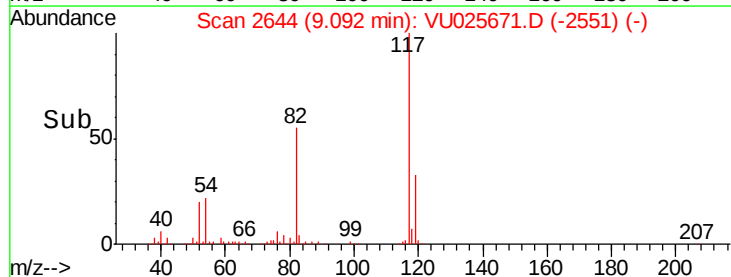
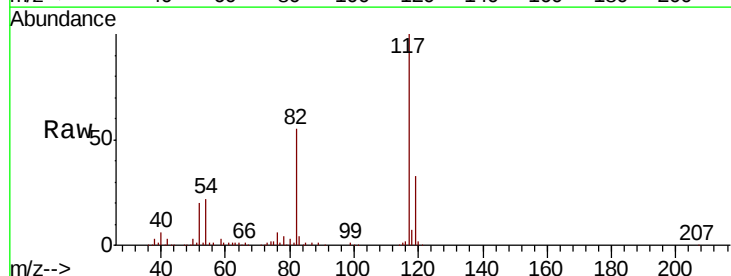
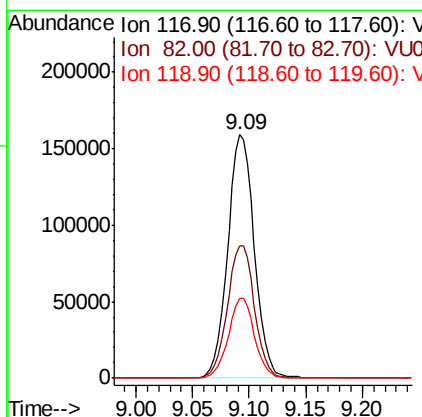
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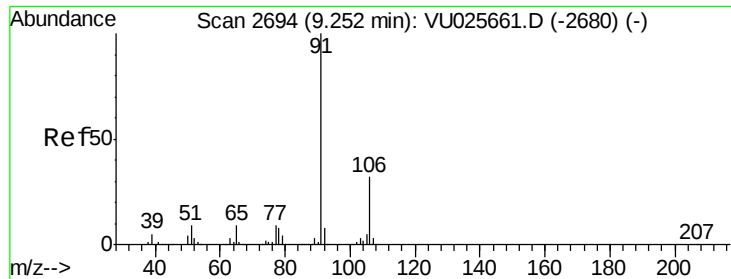
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	259937		
82	54.5	46.0	69.0	
119	32.6	26.0	39.0	





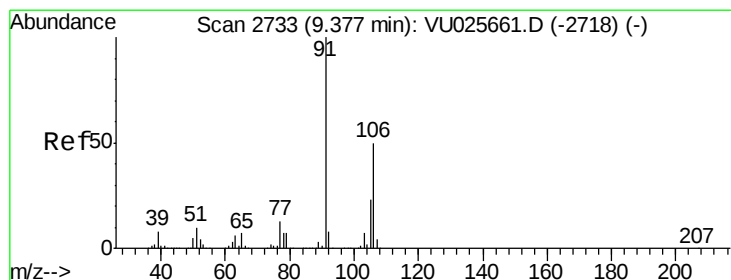
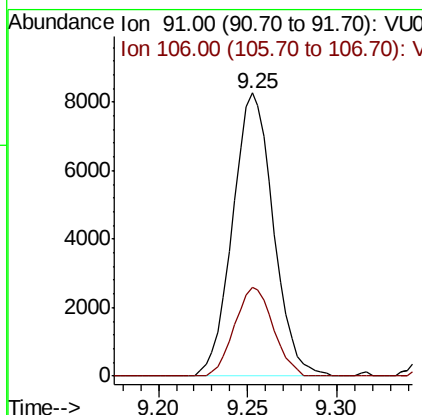
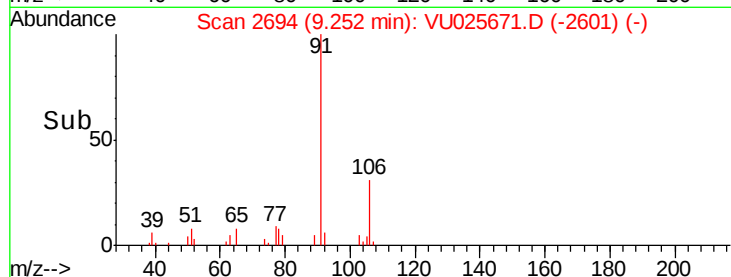
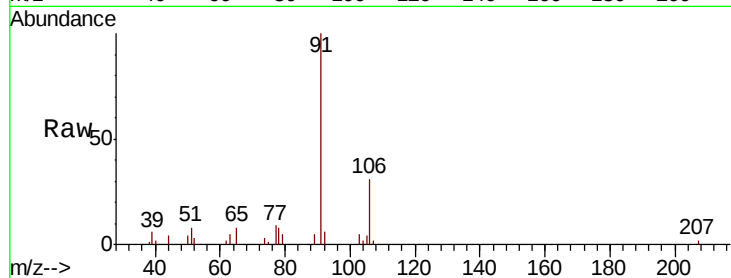
#67
Ethyl Benzene
Concen: 1.19 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Tot Ion: 91 Resp: 13182
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

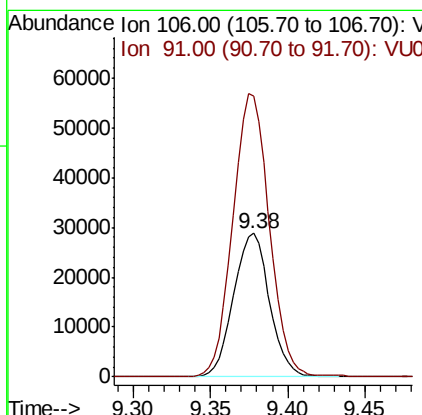
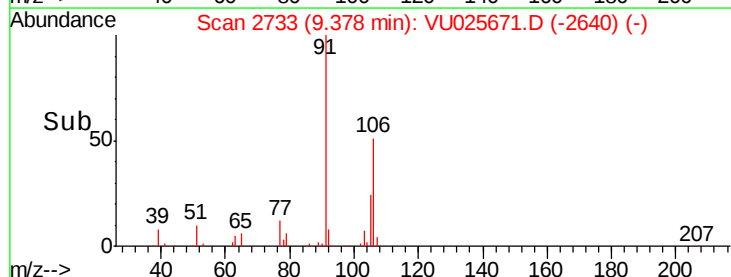
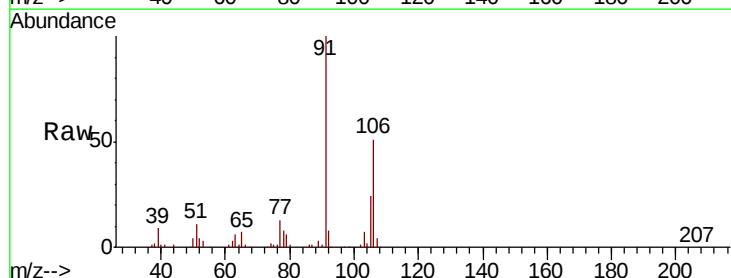
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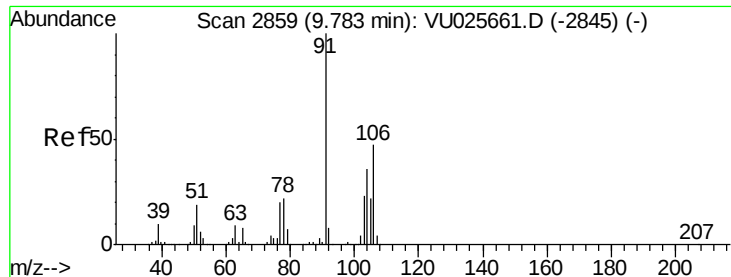
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#68
m/p-Xylenes
Concen: 10.88 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion: 106 Resp: 46370
Ion Ratio Lower Upper
106 100
91 200.5 162.3 243.5





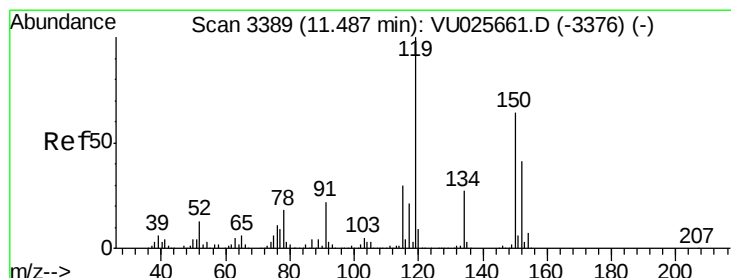
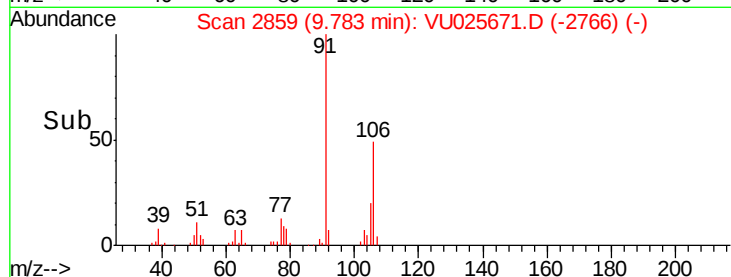
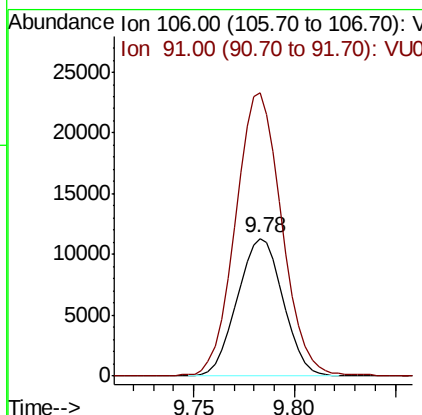
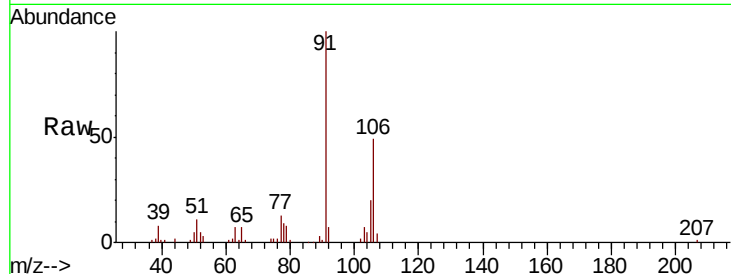
#69
o-Xylene
Concen: 4.33 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ion	Ratio	Lower	Upper
18023	106	100		
	91	208.3	105.3	315.8

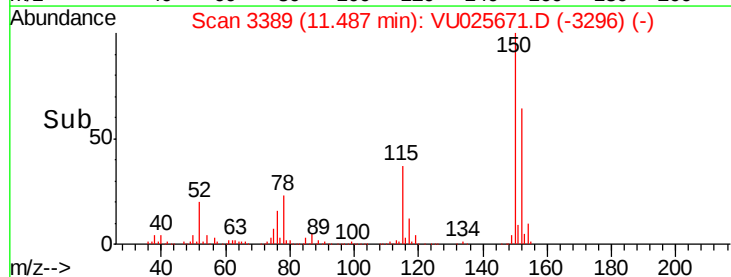
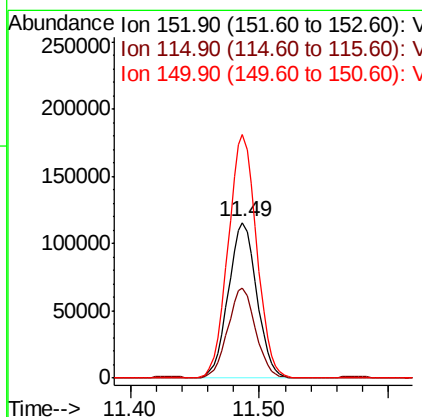
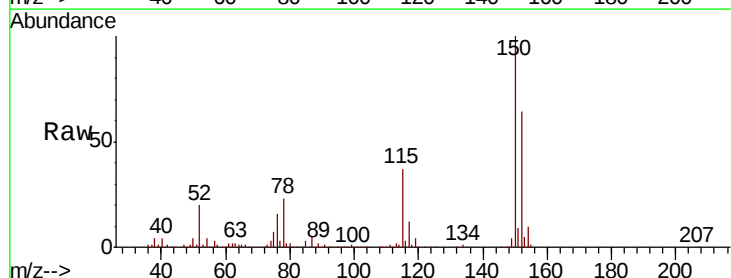
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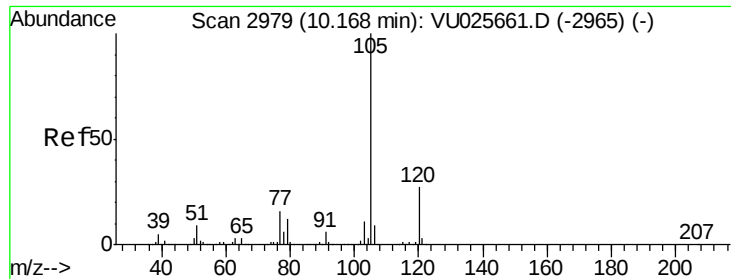
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
176915	152	100		
	115	56.8	40.1	120.3
	150	156.7	0.0	351.4





#73

Isopropylbenzene

Concen: 0.87 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025671.D

Acq: 27 Jul 2018 16:04

Instrument :

MSVOA_U

ClientSampleId :

MCMaster-Sediment-7-23-18ME

Tot Ion:105 Resp: 10547

Ion Ratio Lower Upper

105 100

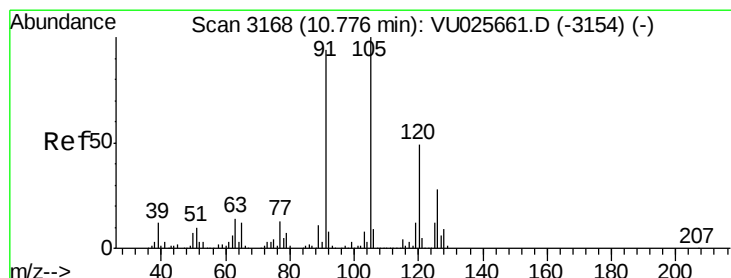
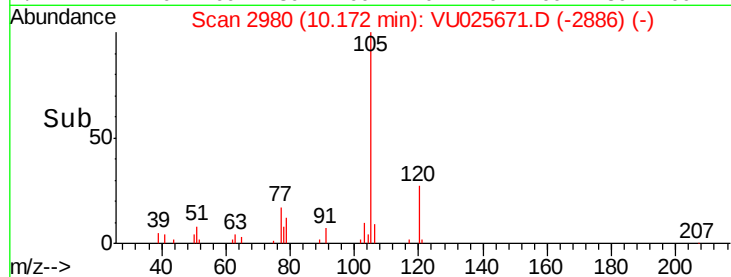
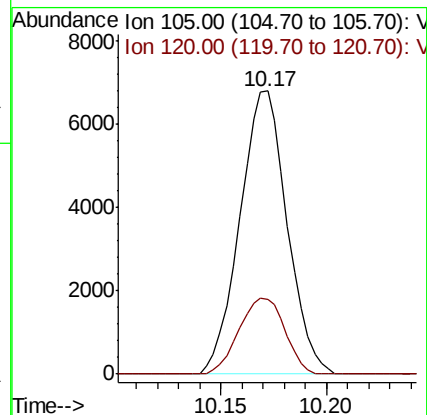
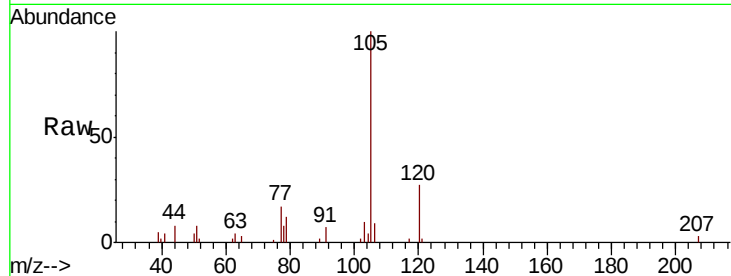
120 26.0 13.5 40.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 6.86 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025671.D

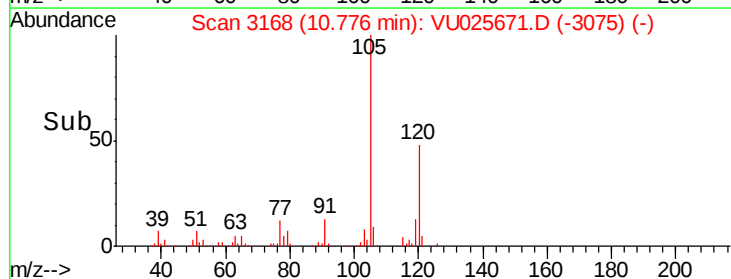
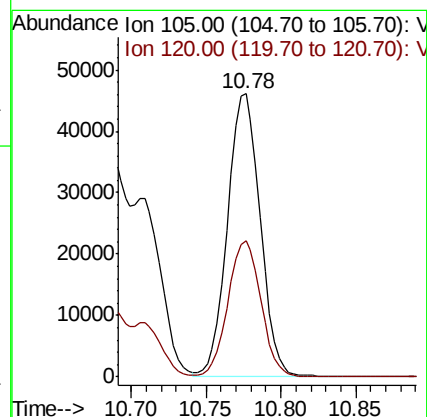
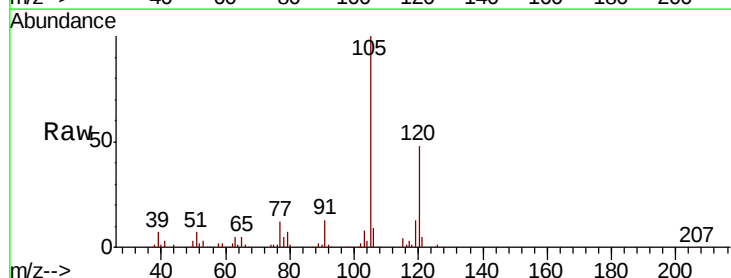
Acq: 27 Jul 2018 16:04

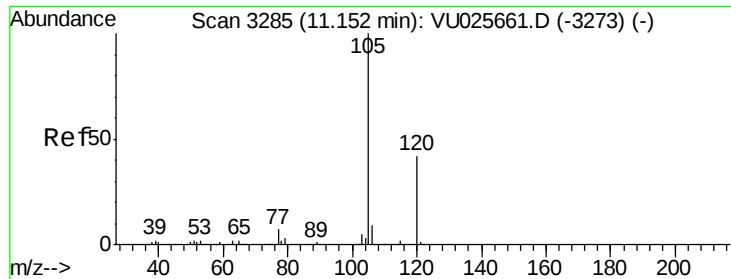
Tgt Ion:105 Resp: 70348

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





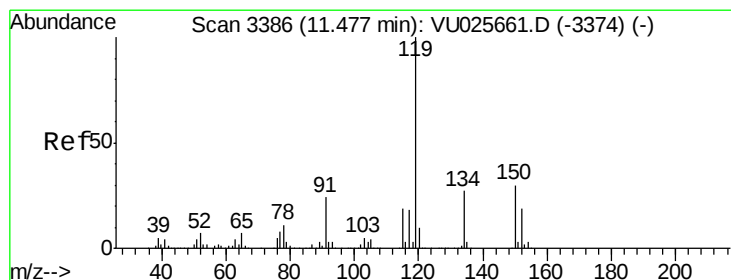
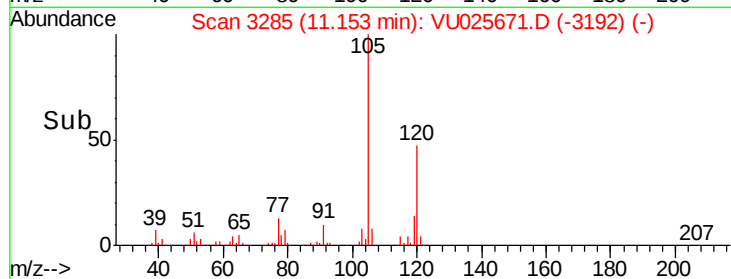
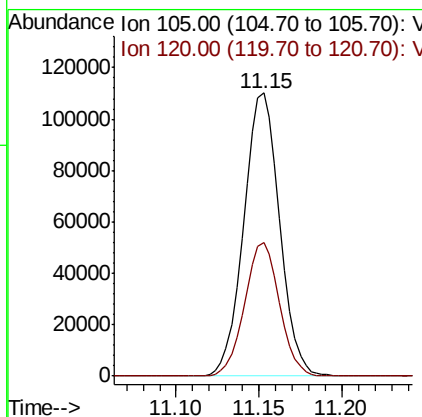
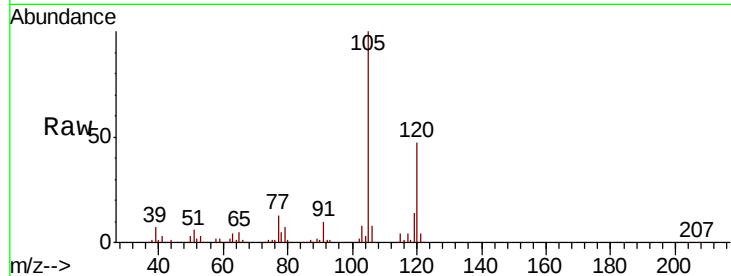
#84
 1,2,4-Trimethylbenzene
 Concen: 15.94 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025671.D
 Acq: 27 Jul 2018 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8

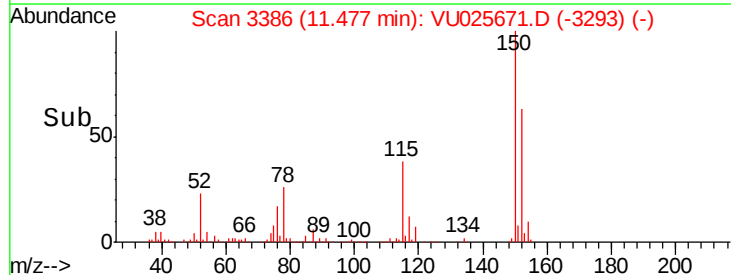
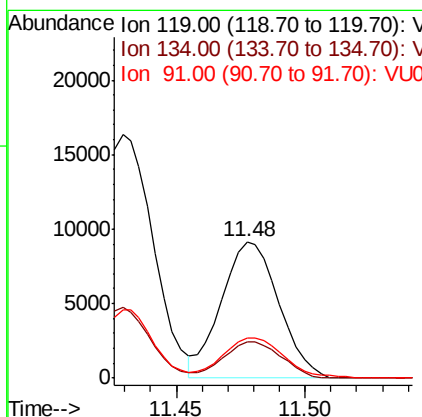
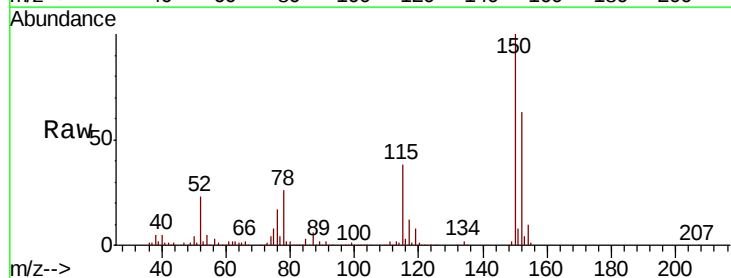
Manual Integrations
 APPROVED

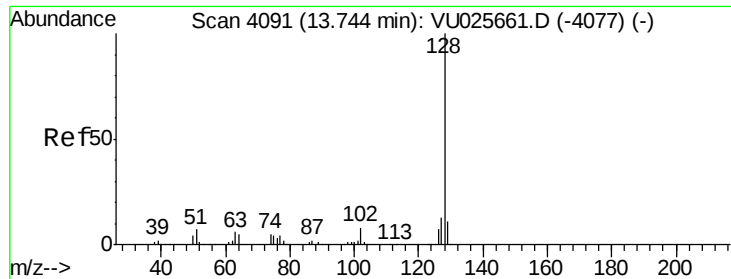
MMDadoda
 7/31/2018 3:49:12 PM



#86
 p-Isopropyltoluene
 Concen: 1.28 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025671.D
 Acq: 27 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.5
91	31.5	12.0	36.1





#95
Naphthalene
Concen: 429.03 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025671.D
Acq: 27 Jul 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
MCMaster-SEDIMENT-7-23-18ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
7/31/2018 3:49:12 PM

