

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010814.D
 Acq On : 14 Jun 2019 15:09
 Operator : SY/VA
 Sample : K3393-01
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRILLING-MUD

Manual Integrations
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 6/17/2019 1:23:30 PM

Quant Time: Jun 15 06:39:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	215787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80580	38.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.30%	
35) Dibromofluoromethane	7.88	113	57377	35.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.62%	
50) Toluene-d8	10.32	98	207429	29.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.22%	
62) 4-Bromofluorobenzene	12.62	95	59893	23.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.20%	
Target Compounds						
16) Acetone	4.12	43	126019	222.688	ug/l	99
17) Carbon Disulfide	4.38	76	40292	7.325	ug/l	99
20) Methylene Chloride	4.92	84	12286	6.189	ug/l	91
25) 2-Butanone	7.17	43	141058	179.761	ug/l	96
29) Tetrahydrofuran	7.53	42	2513	5.091	ug/l #	88
73) Isopropylbenzene	12.47	105	9739m	2.069	ug/l	
85) sec-Butylbenzene	13.38	105	6053	1.272	ug/l	89
86) p-Isopropyltoluene	13.50	119	7333	1.723	ug/l #	70

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

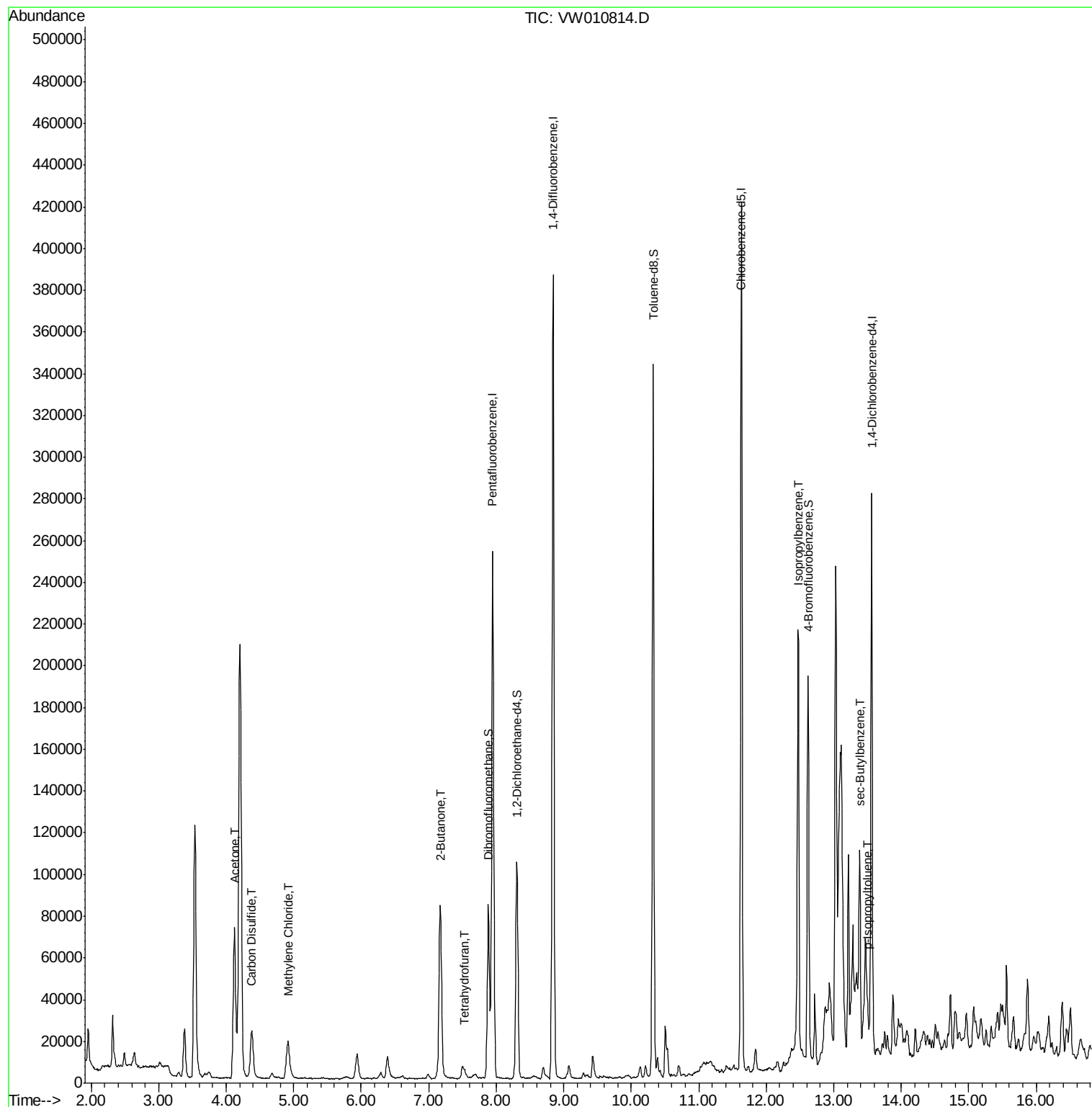
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061419\
Data File : VW010814.D
Acq On : 14 Jun 2019 15:09
Operator : SY/VA
Sample : K3393-01
Misc : 6.17G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

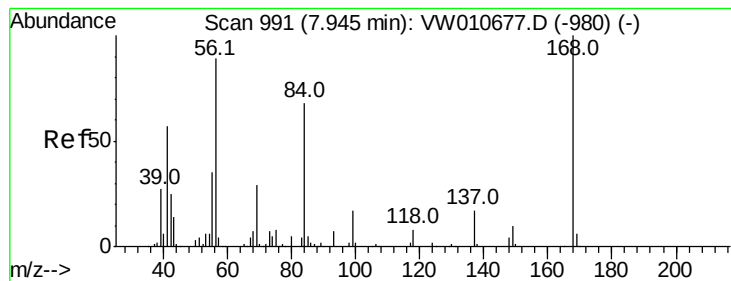
Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Manual Integrations
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Quant Time: Jun 15 06:39:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010814.D

Acq: 14 Jun 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

DRILLING-MUD

Tot Ion:168 Resp: 179183

Ion Ratio Lower Upper

168 100

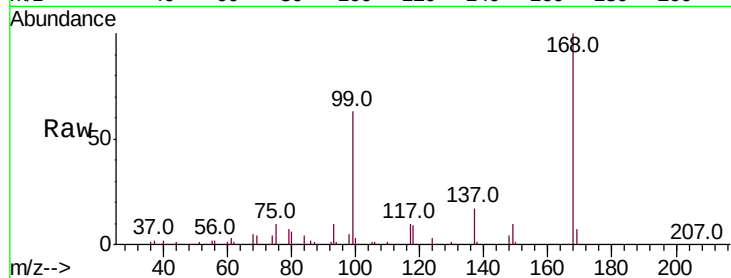
99 63.0 47.7 71.5

Manual Integrations

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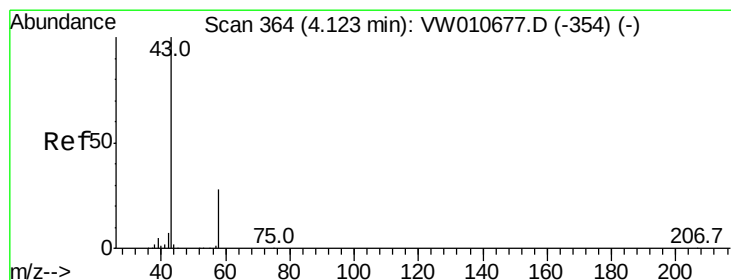
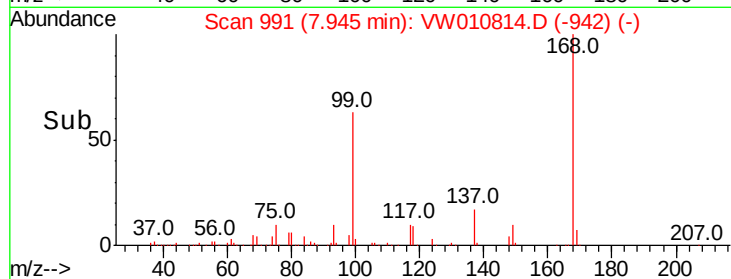
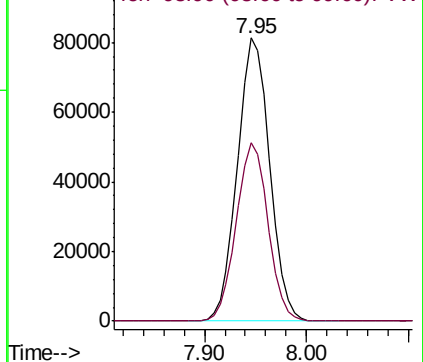
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 222.688 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010814.D

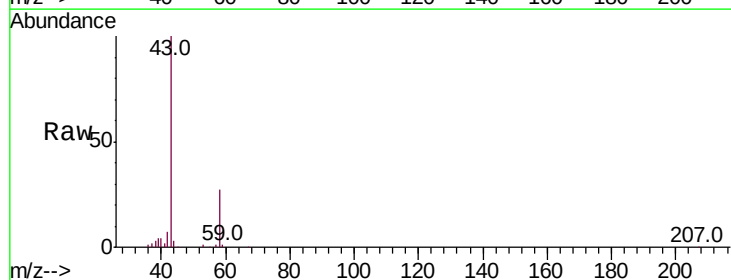
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 126019

Ion Ratio Lower Upper

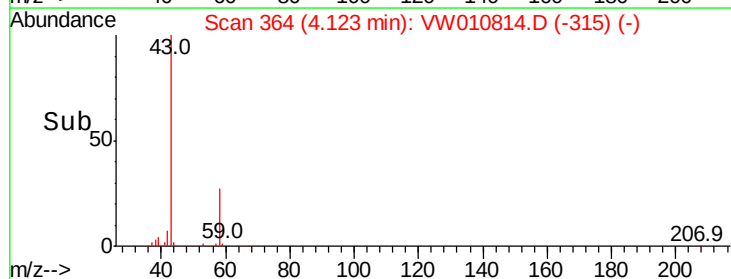
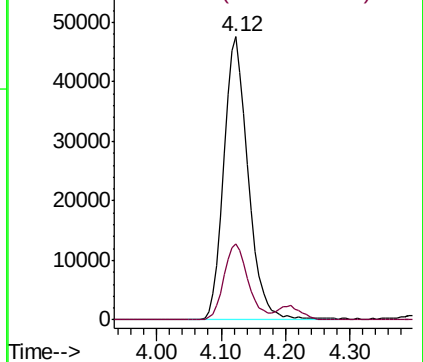
43 100

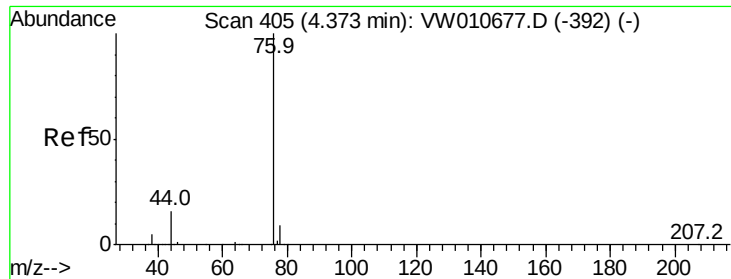
58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





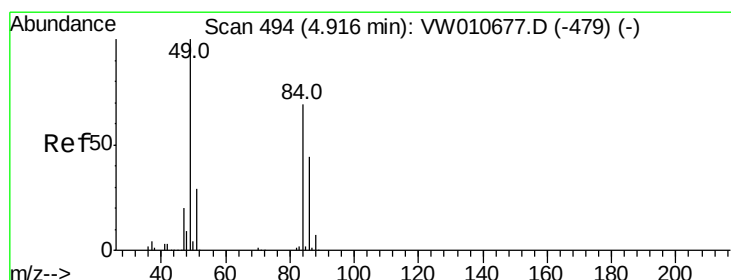
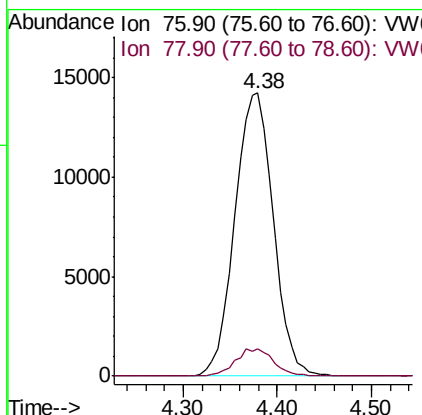
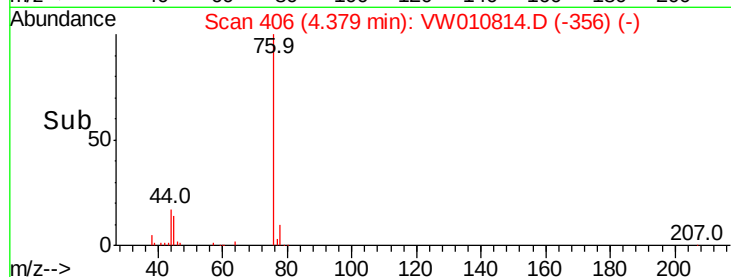
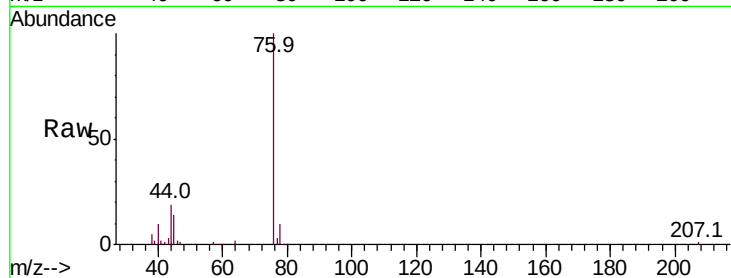
#17
Carbon Disulfide
Concen: 7.325 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.5	11.3

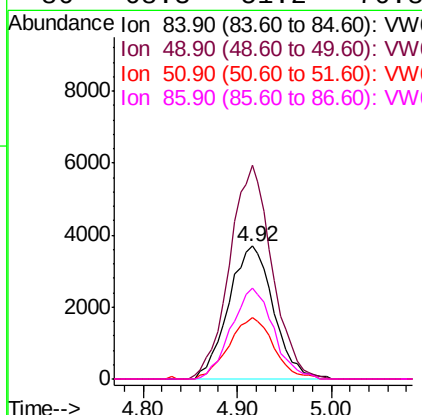
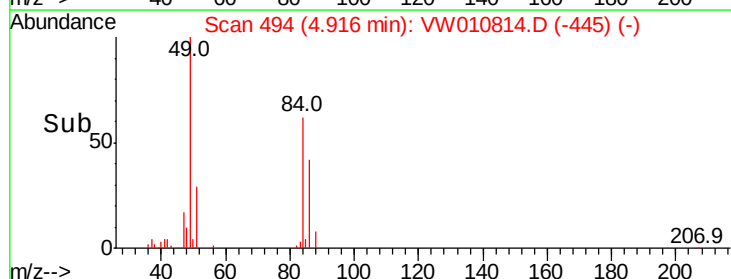
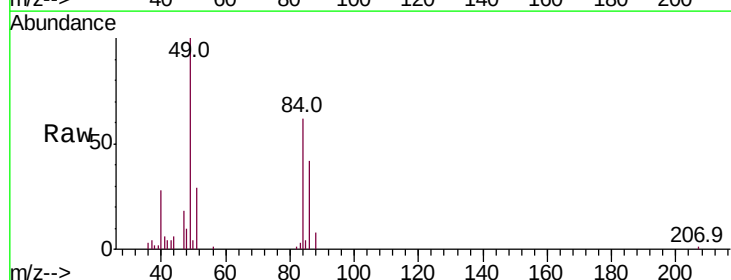
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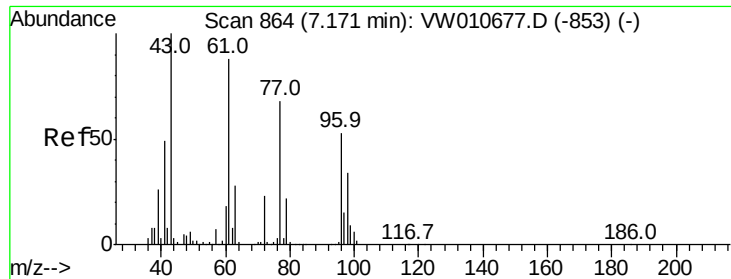
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#20
Methylene Chloride
Concen: 6.189 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	160.8	116.7	175.1
51	46.7	34.2	51.2
86	68.3	51.2	76.8





#25

2-Butanone

Concen: 179.761 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010814.D

Acq: 14 Jun 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

DRILLING-MUD

Tot Ion: 43 Resp: 141058

Ion Ratio Lower Upper

43 100

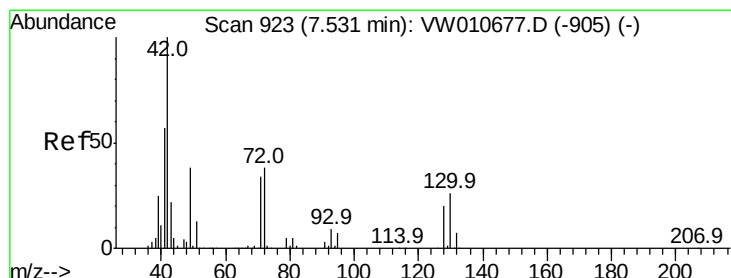
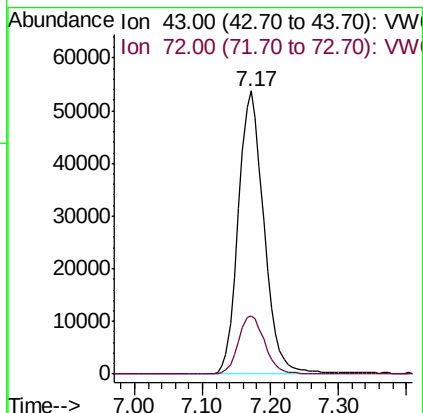
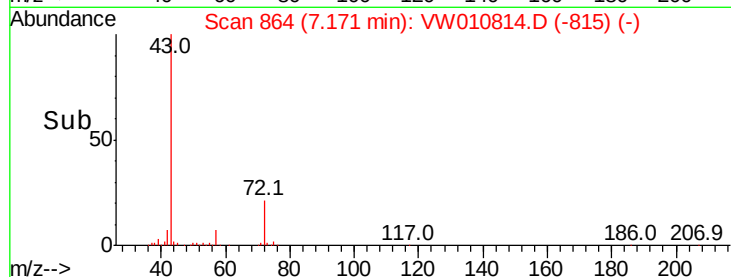
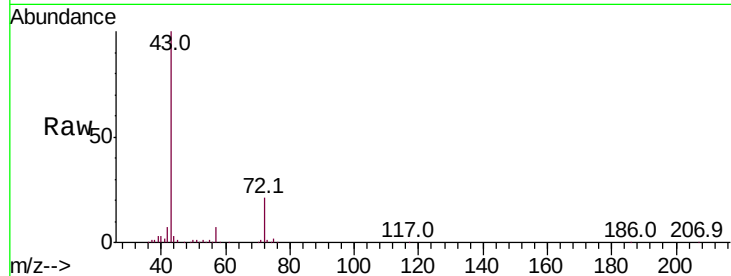
72 20.6 18.1 27.1

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#29

Tetrahydrofuran

Concen: 5.091 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW010814.D

Acq: 14 Jun 2019 15:09

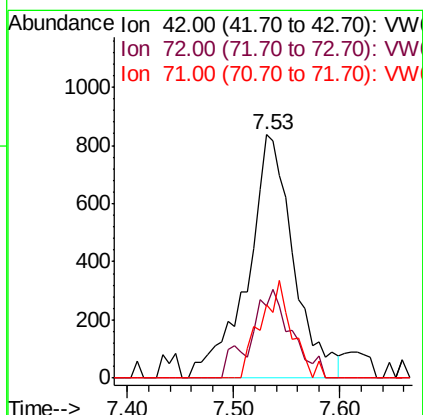
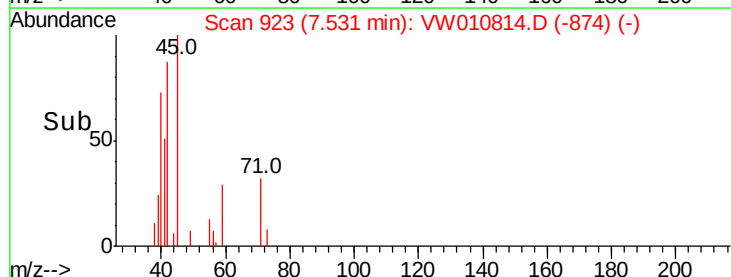
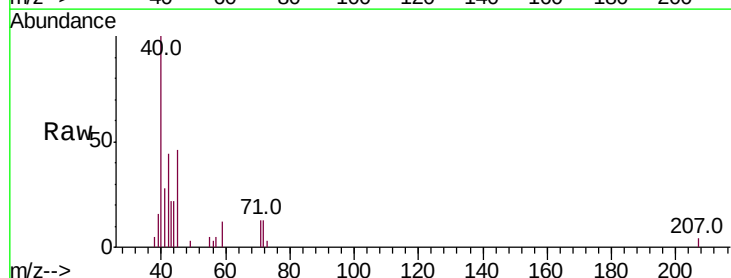
Tgt Ion: 42 Resp: 2513

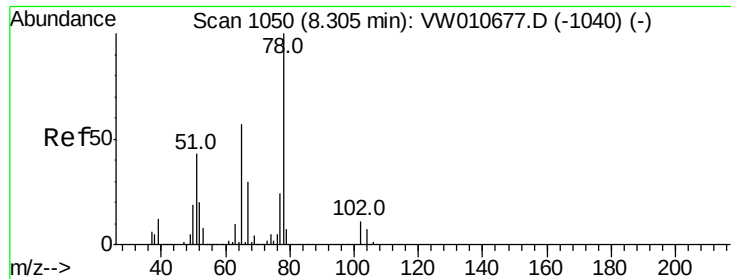
Ion Ratio Lower Upper

42 100

72 27.3 28.7 43.1#

71 27.5 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 38.154 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010814.D

Acq: 14 Jun 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

DRILLING-MUD

Tot Ion: 65 Resp: 80580

Ion Ratio Lower Upper

65 100

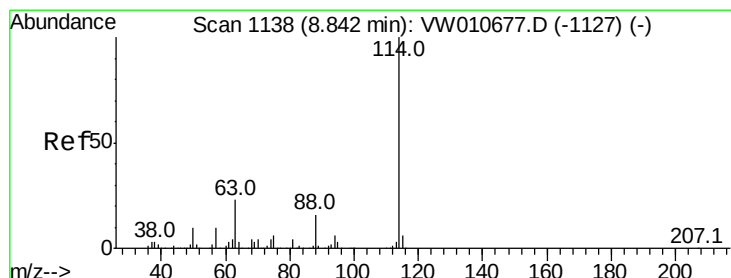
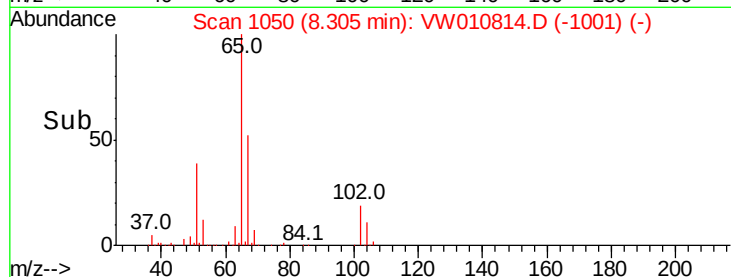
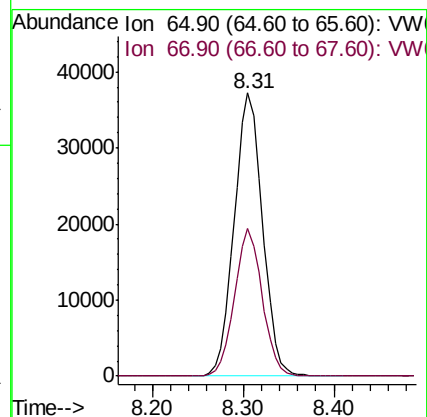
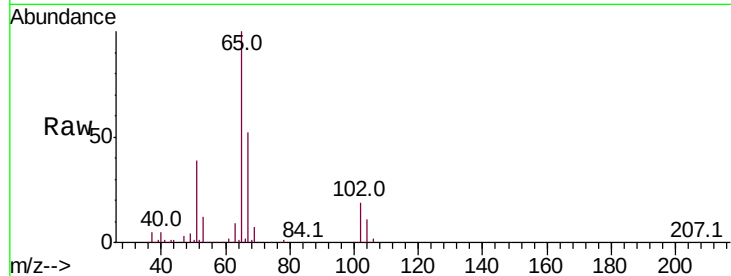
67 51.1 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010814.D

Acq: 14 Jun 2019 15:09

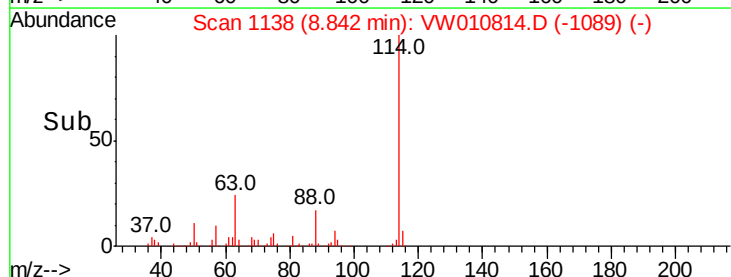
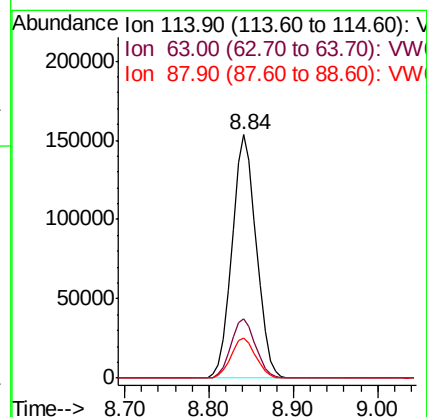
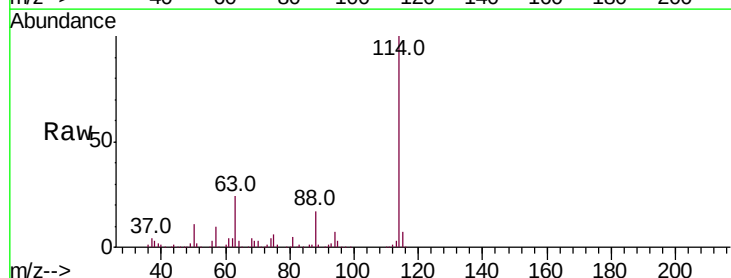
Tgt Ion: 114 Resp: 299337

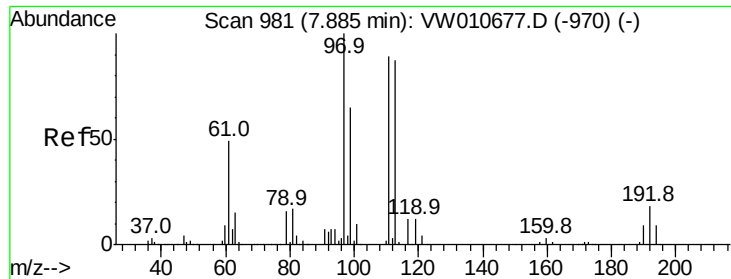
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.4

88 16.6 0.0 32.2





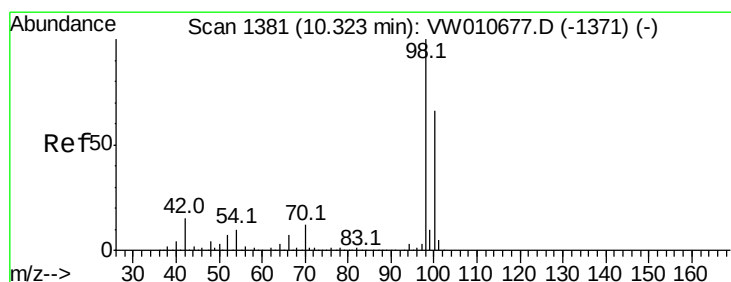
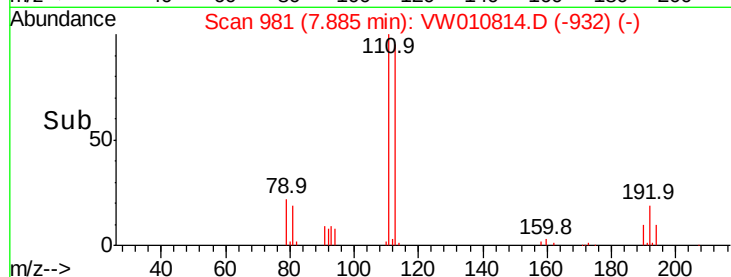
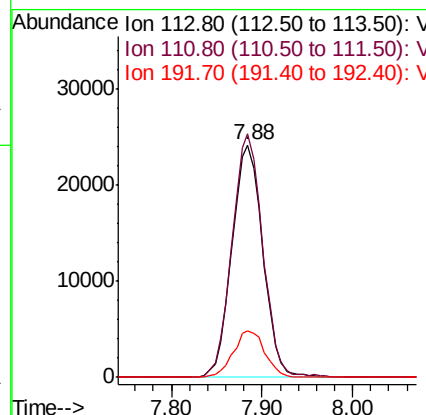
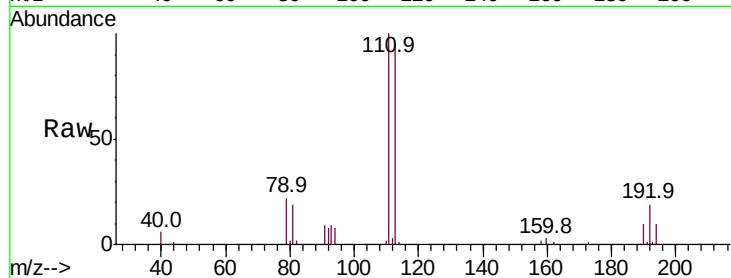
#35
Dibromofluoromethane
Concen: 35.315 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	20.3	16.4	24.6

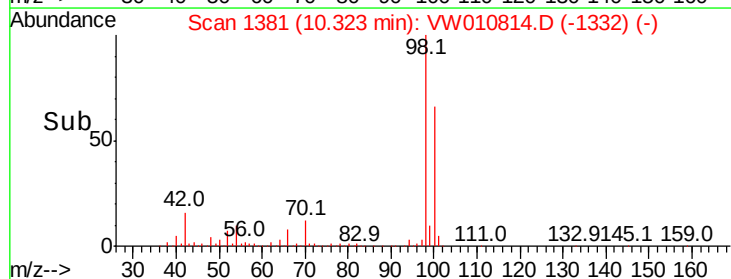
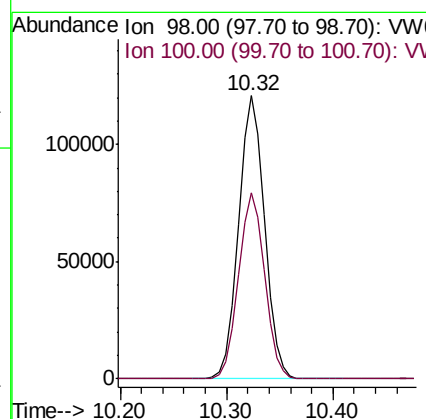
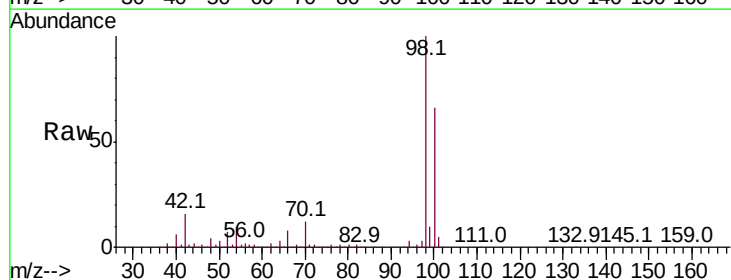
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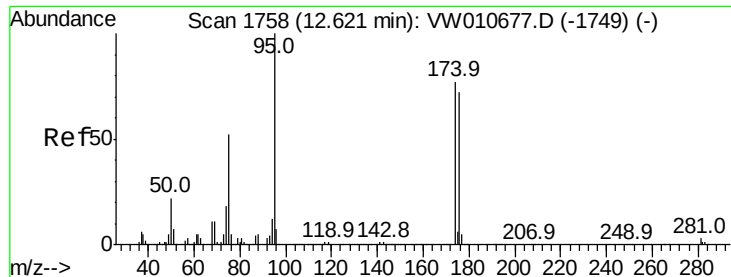
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#50
Toluene-d8
Concen: 29.114 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





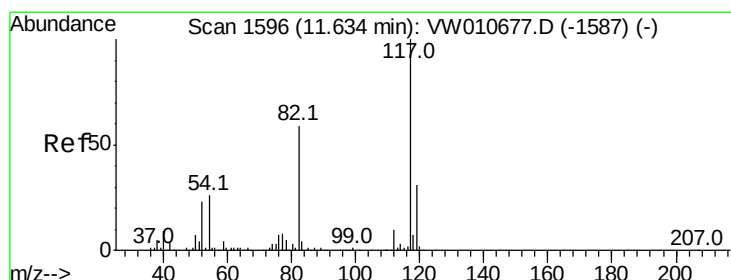
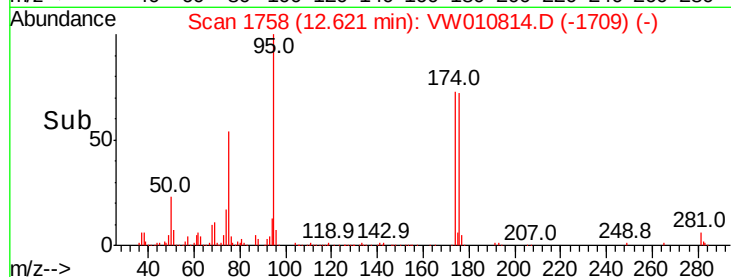
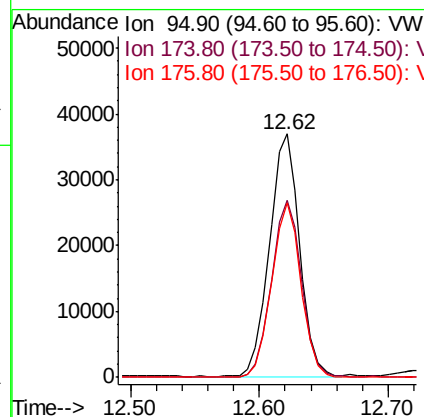
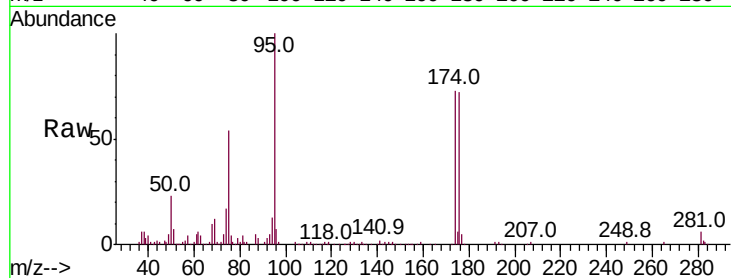
#62
4-Bromofluorobenzene
Concen: 23.102 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	59893		
174	73.5	0.0	150.4	
176	70.2	0.0	144.8	

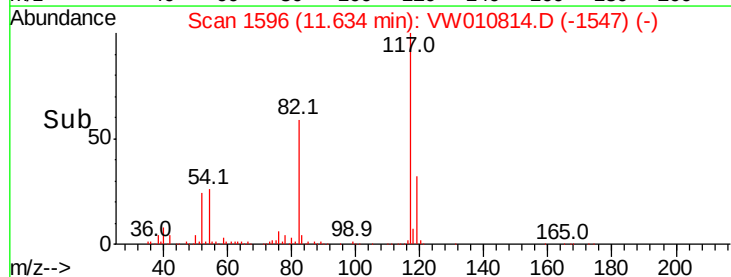
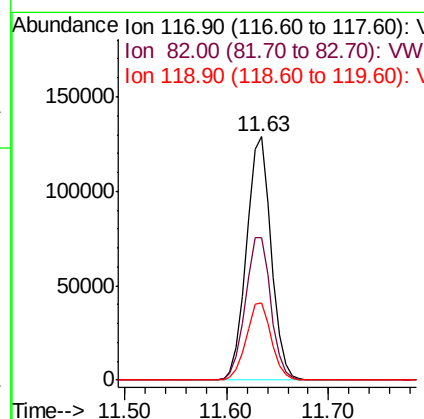
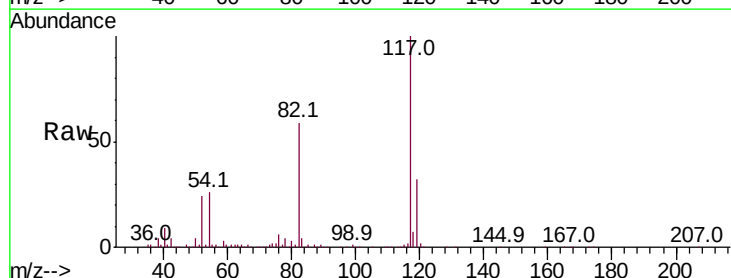
Manual Integrations
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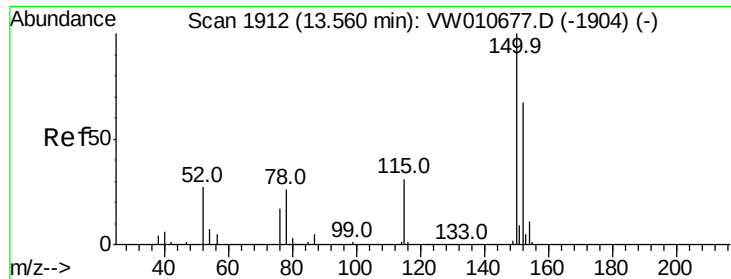
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215787		
82	58.8	47.0	70.4	
119	31.5	25.1	37.7	





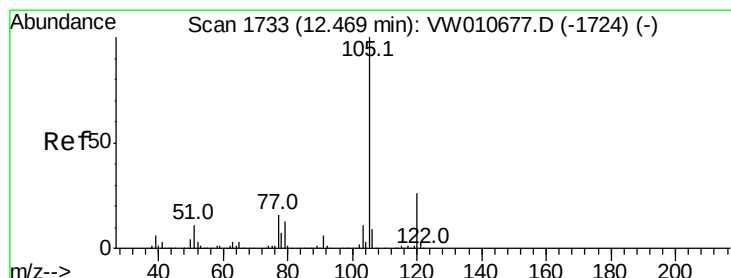
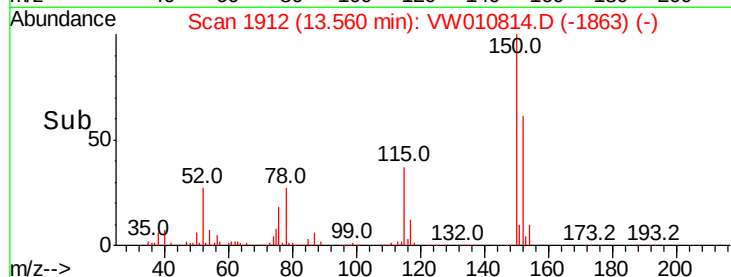
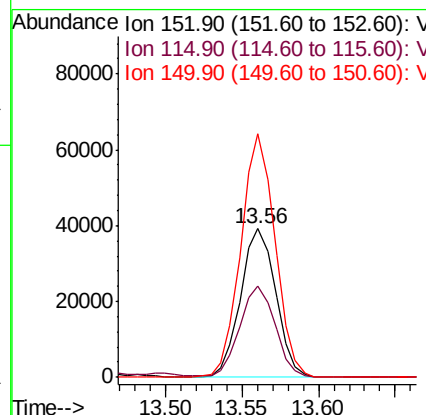
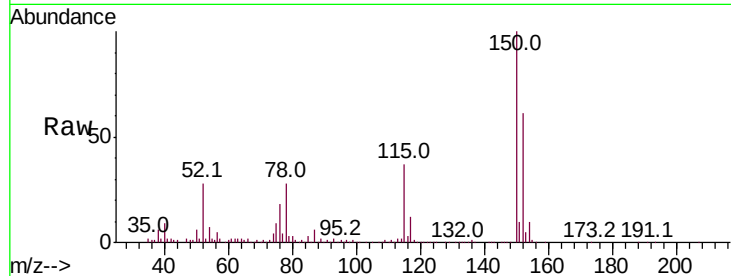
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW010814.D
 Acq: 14 Jun 2019 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 DRILLING-MUD

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.8	89.3
150	159.0	0.0	345.0

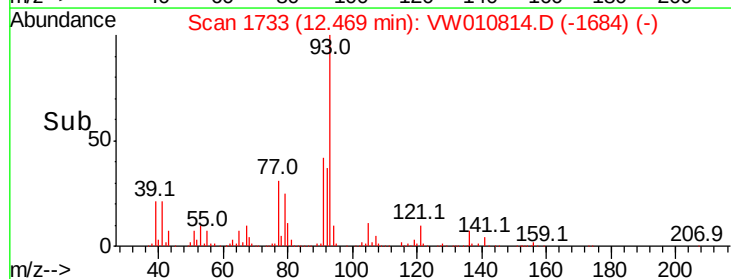
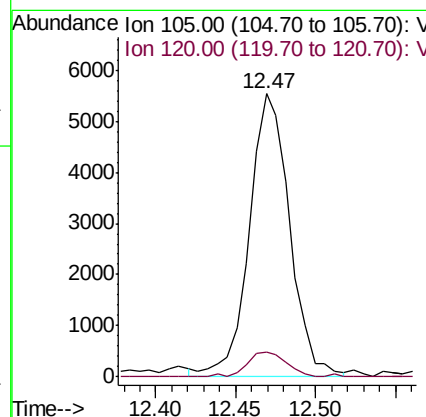
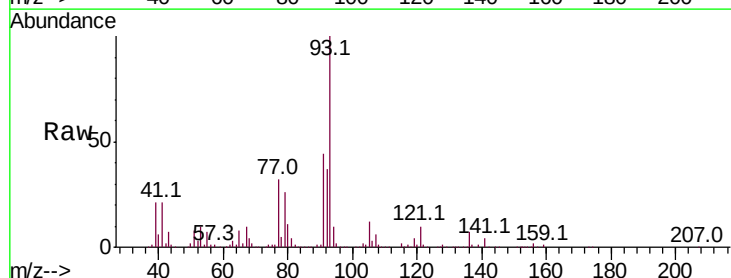
Manual Integrations
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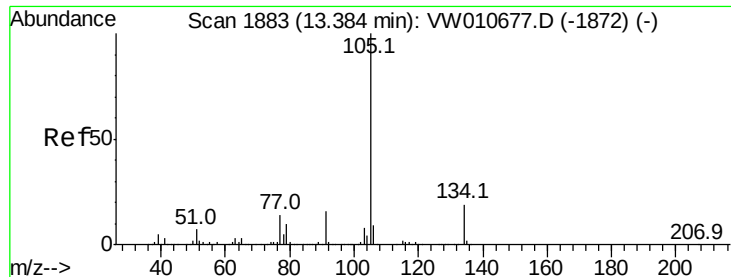
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#73
 Isopropylbenzene
 Concen: 2.069 ug/l m
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: VW010814.D
 Acq: 14 Jun 2019 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	1.2	13.1	39.1#





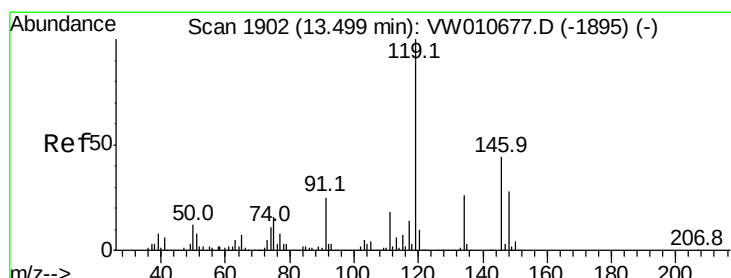
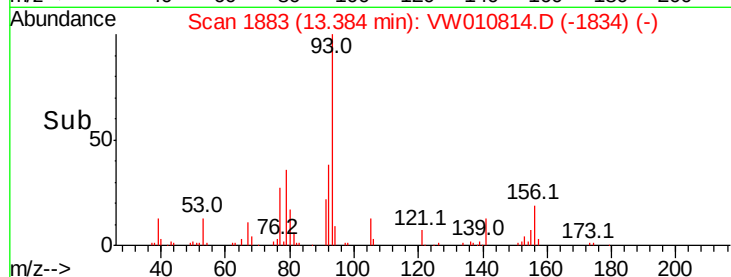
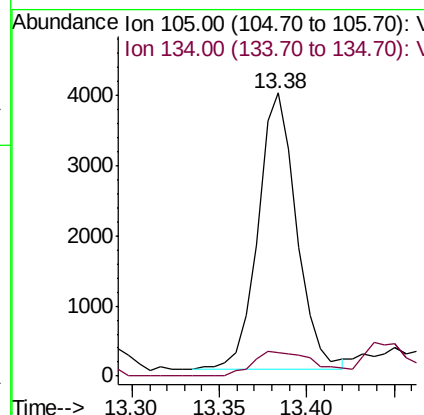
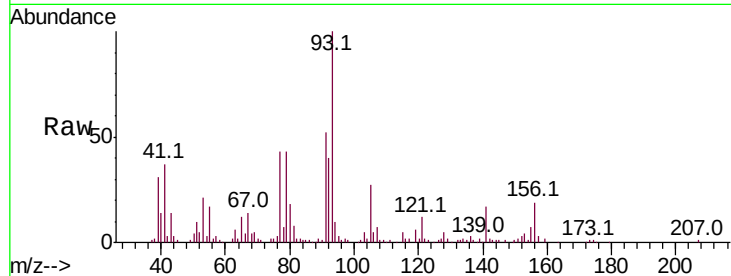
#85
 sec-Butylbenzene
 Concen: 1.272 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010814.D
 Acq: 14 Jun 2019 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 DRILLING-MUD

Tot Ion:105 Resp: 6053
 Ion Ratio Lower Upper
 105 100
 134 14.4 9.7 28.9

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:30 PM



#86
 p-Isopropyltoluene
 Concen: 1.723 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010814.D
 Acq: 14 Jun 2019 15:09

Tgt Ion:119 Resp: 7333
 Ion Ratio Lower Upper
 119 100
 134 31.9 13.0 39.0
 91 0.0 12.2 36.4#

