

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013503.D
 Acq On : 09 Oct 2019 14:53
 Operator : SY/VA
 Sample : K5286-01
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E.OUTFALL-CREEK-SOIL-SP

Manual Integrations
 APPROVED

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 10/11/2019 4:40:11 PM

Quant Time: Oct 10 03:21:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117968	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.88	113	122663	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.32	98	487702	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.62	95	133206	38.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	51022	96.504	ug/l	97
17) Carbon Disulfide	4.37	76	35995	5.024	ug/l	99
25) 2-Butanone	7.18	43	26798	34.392	ug/l	94
39) Methylcyclohexane	9.33	83	79244	15.297	ug/l	95
40) Benzene	8.32	78	14566	1.305	ug/l	93
67) Ethyl Benzene	11.73	91	35567	3.132	ug/l	97
68) m/p-Xylenes	11.84	106	9939	2.300	ug/l	93
69) o-Xylene	12.16	106	22397	5.611	ug/l	94
73) Isopropylbenzene	12.46	105	76883	10.807	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	22912	3.919	ug/l	98
85) sec-Butylbenzene	13.38	105	31101m	4.288	ug/l	
95) Naphthalene	15.36	128	400137	115.933	ug/l #	93

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

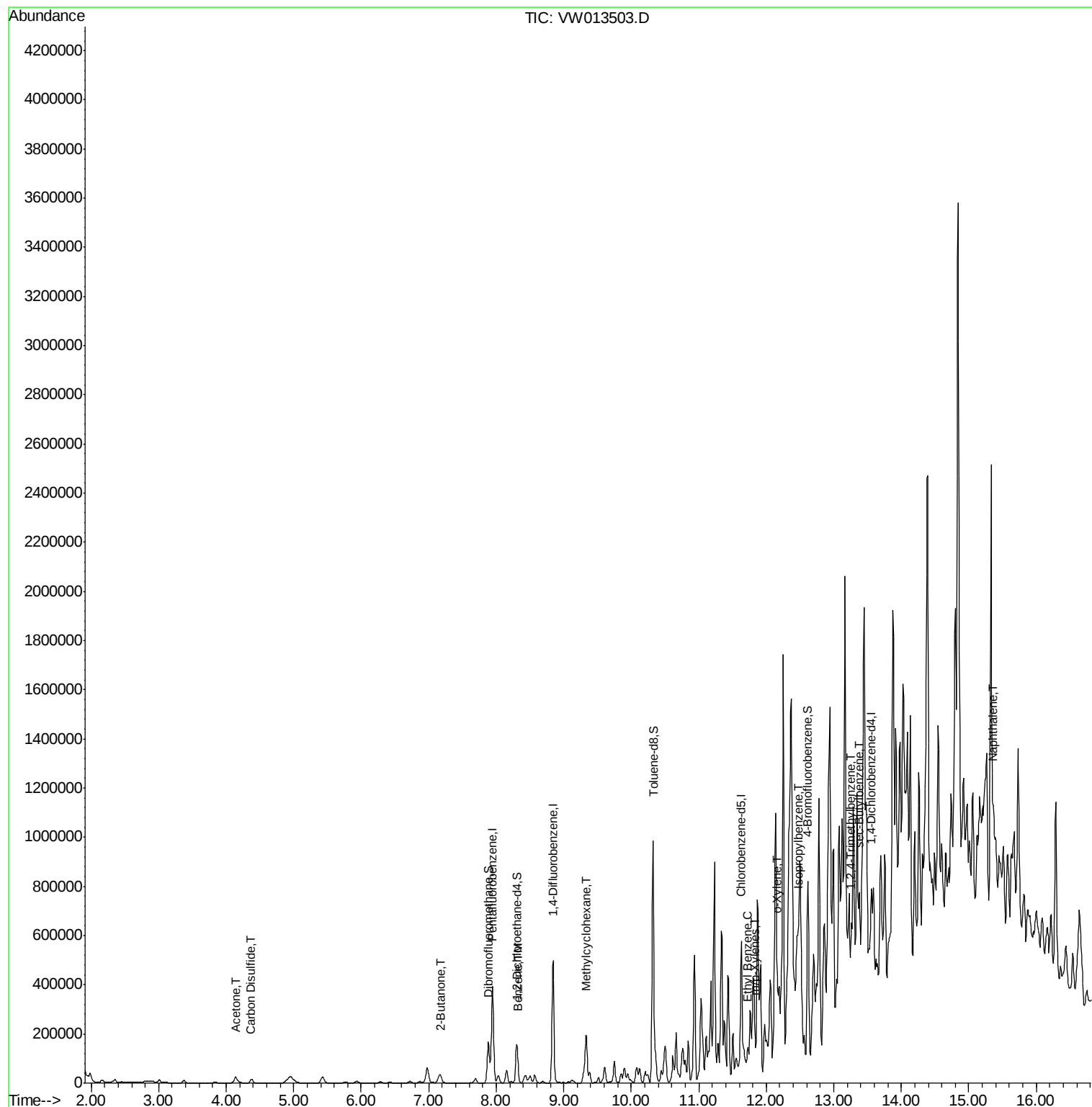
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
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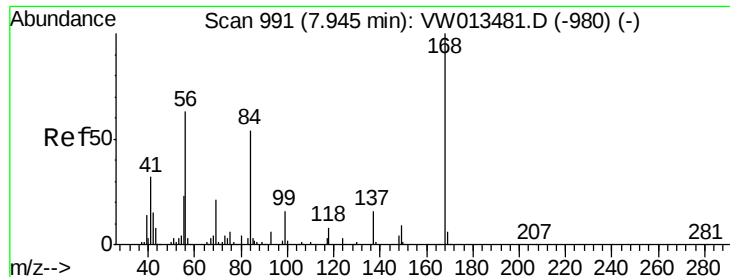
Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Manual Integrations
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10/11/2019 4:40:11 PM

Quant Time: Oct 10 03:21:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 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: VW013503.D

Acq: 09 Oct 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

E.OUTFALL-CREEK-SOIL-SP

Tot Ion:168 Resp: 294069

Ion Ratio Lower Upper

168 100

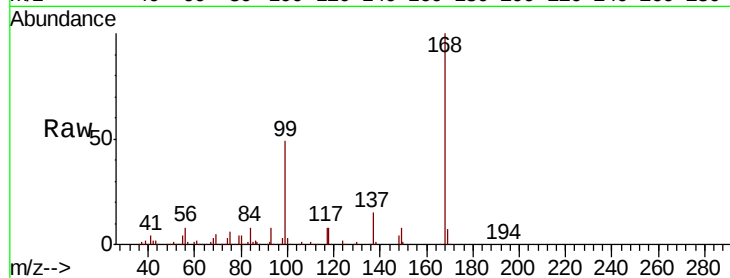
99 49.1 38.3 57.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

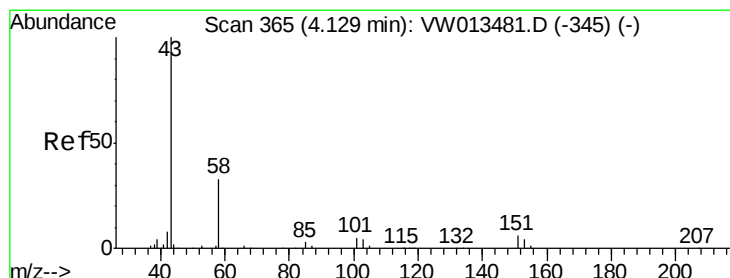
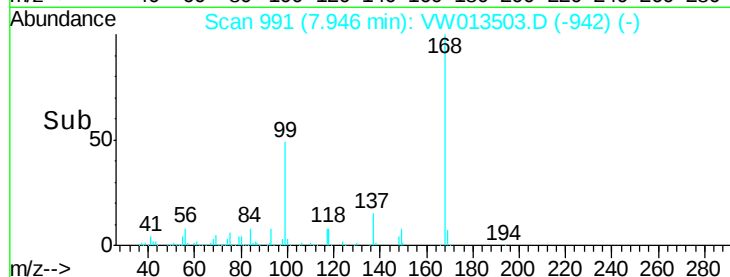
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 96.504 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013503.D

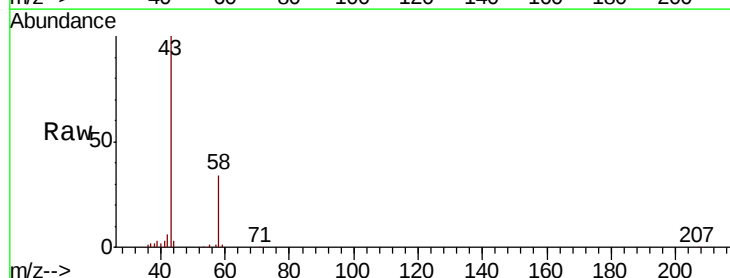
Acq: 09 Oct 2019 14:53

Tgt Ion: 43 Resp: 51022

Ion Ratio Lower Upper

43 100

58 34.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

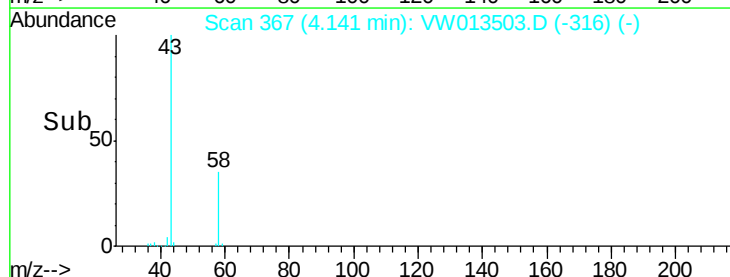
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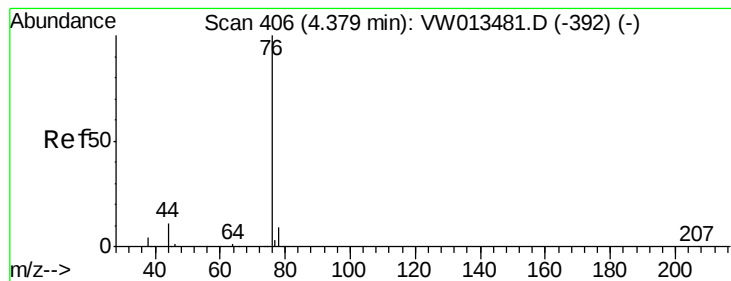
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5000

0

Time-->





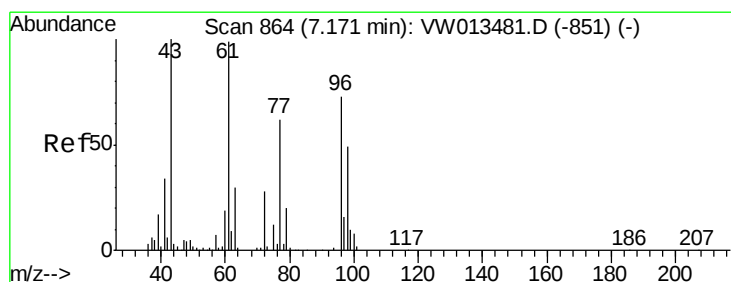
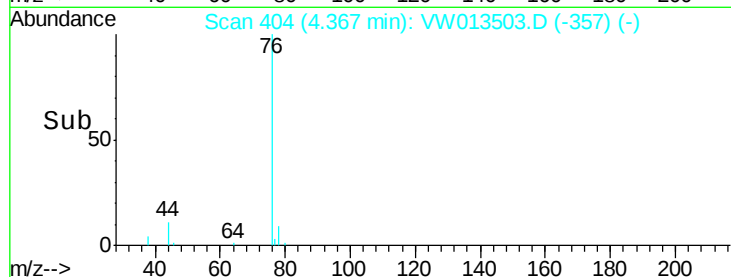
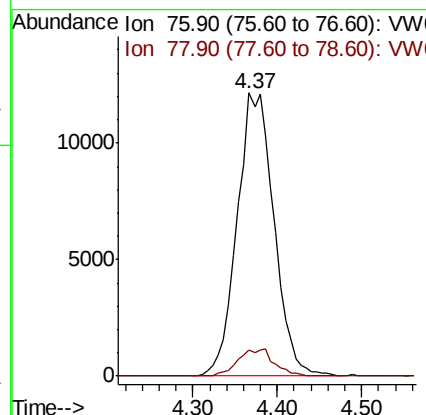
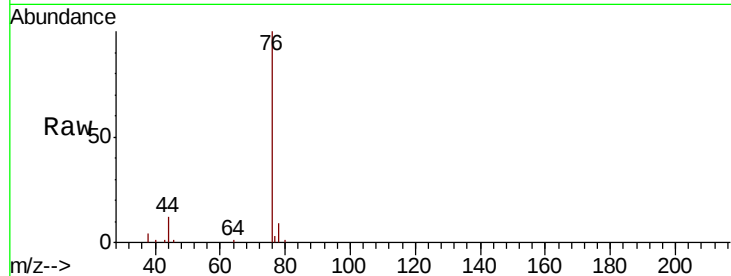
#17
Carbon Disulfide
Concen: 5.024 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

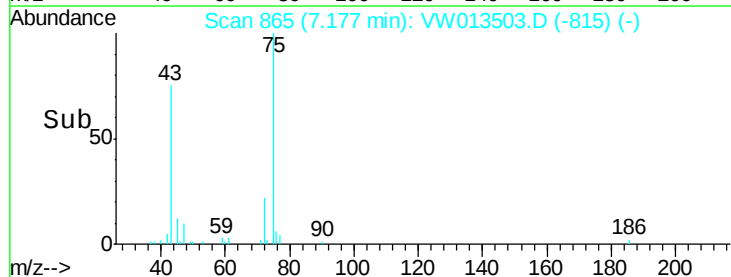
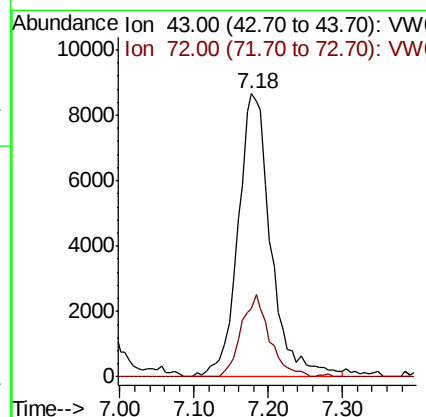
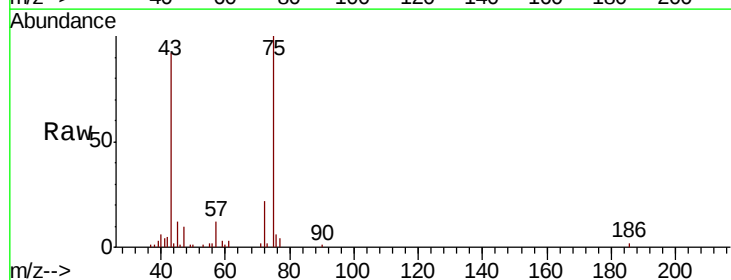
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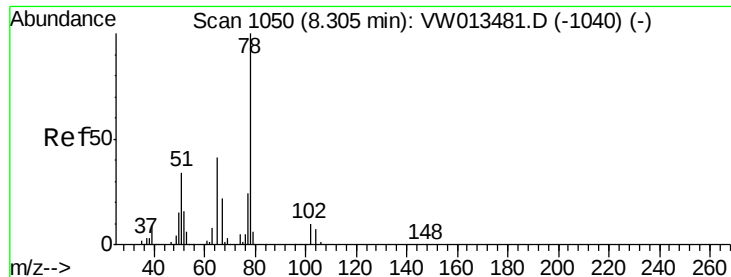
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#25
2-Butanone
Concen: 34.392 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.2	22.1	33.1





#33

1,2-Dichloroethane-d4

Concen: 51.923 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013503.D

Acq: 09 Oct 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

E.OUTFALL-CREEK-SOIL-SP

Tot Ion: 65 Resp: 117968

Ion Ratio Lower Upper

65 100

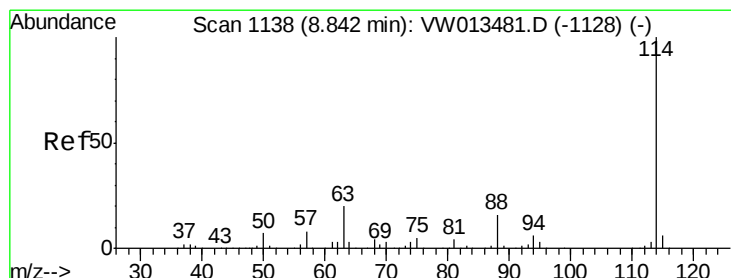
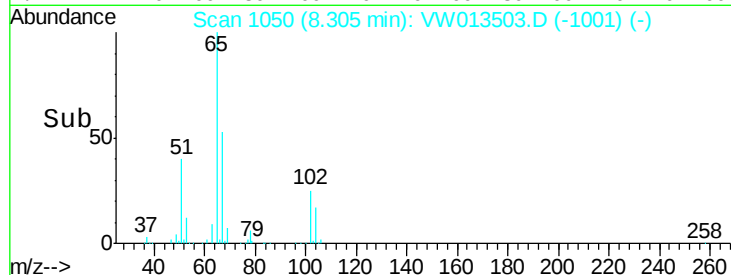
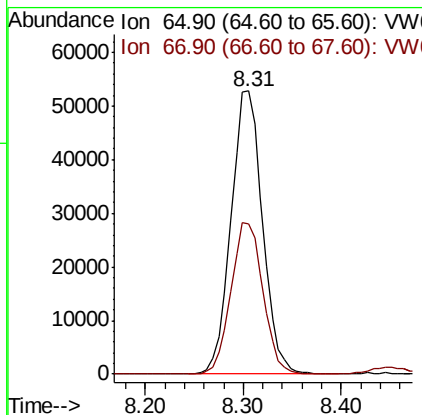
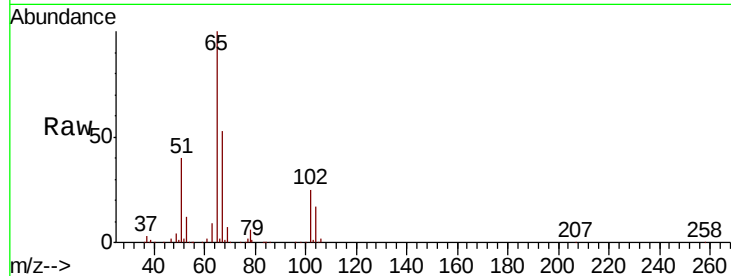
67 54.5 0.0 109.4

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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: VW013503.D

Acq: 09 Oct 2019 14:53

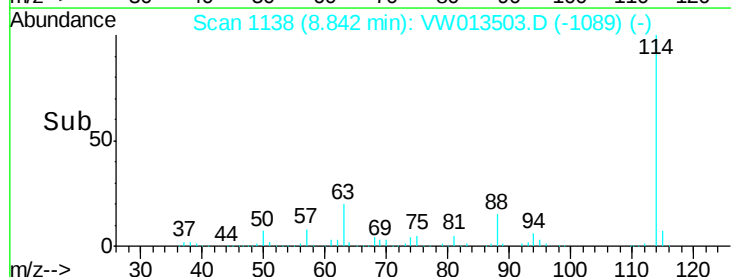
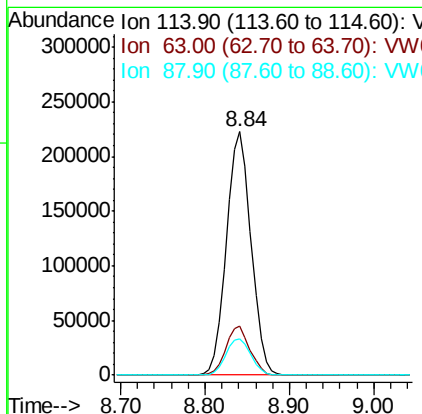
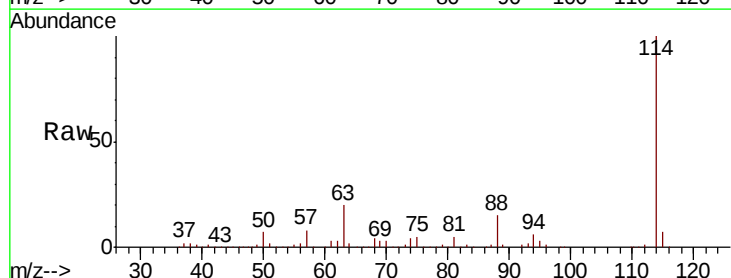
Tgt Ion: 114 Resp: 442000

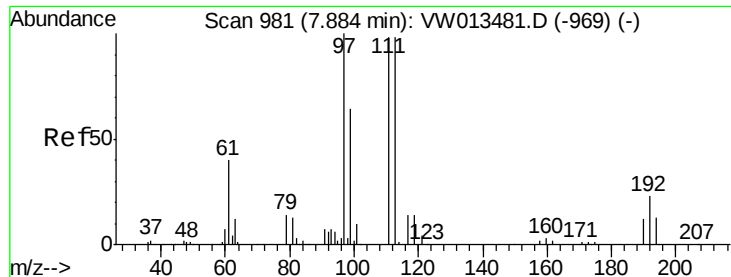
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

88 15.0 0.0 31.4





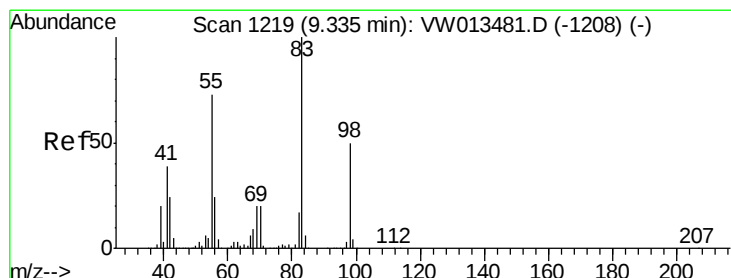
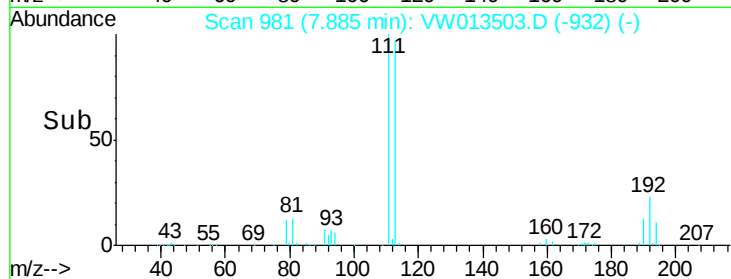
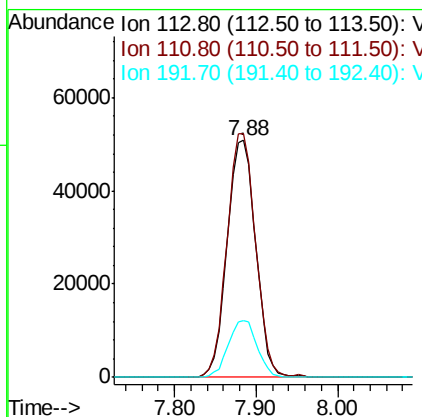
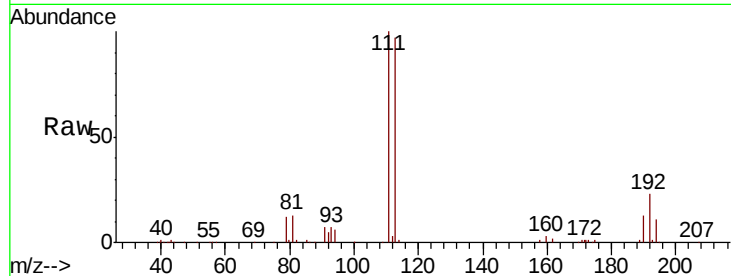
#35
 Dibromofluoromethane
 Concen: 49.688 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013503.D
 Acq: 09 Oct 2019 14:53

Instrument :
 MSVOA_W
 ClientSampleId :
 E.OUTFALL-CREEK-SOIL-SP

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122663		
111	102.5	82.3	123.5	
192	24.1	19.3	28.9	

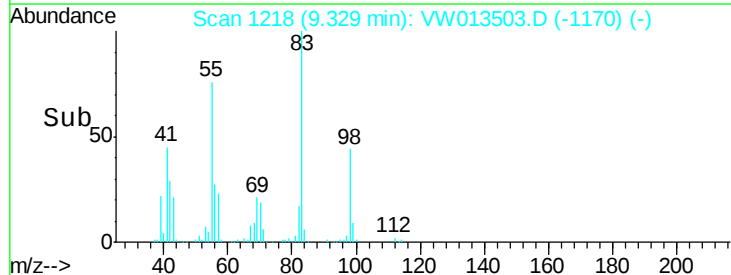
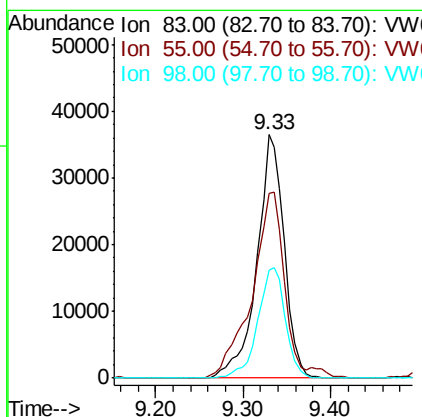
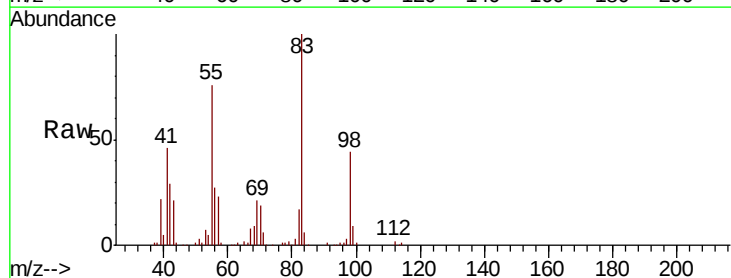
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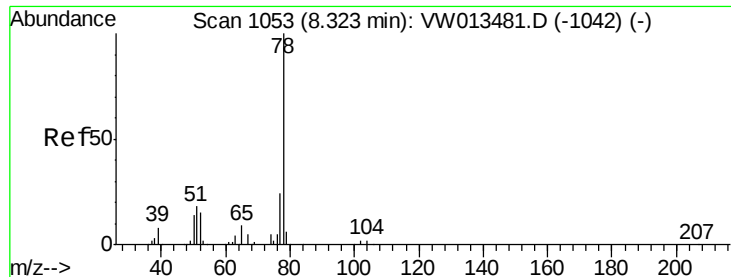
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#39
 Methylcyclohexane
 Concen: 15.297 ug/l
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW013503.D
 Acq: 09 Oct 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	79244		
55	75.7	58.2	87.4	
98	44.4	39.8	59.6	





#40

Benzene

Concen: 1.305 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013503.D

Acq: 09 Oct 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

E.OUTFALL-CREEK-SOIL-SP

Tot Ion: 78 Resp: 14566

Ion Ratio Lower Upper

78 100

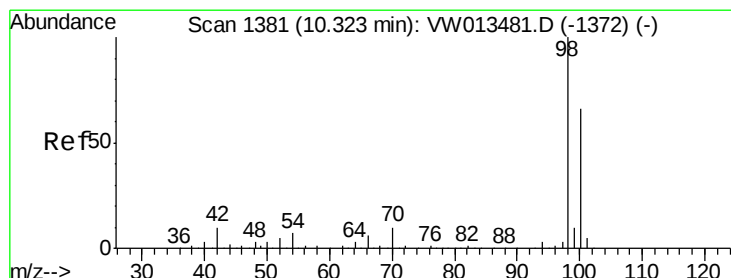
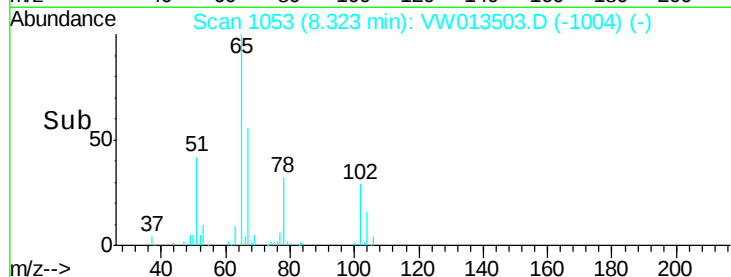
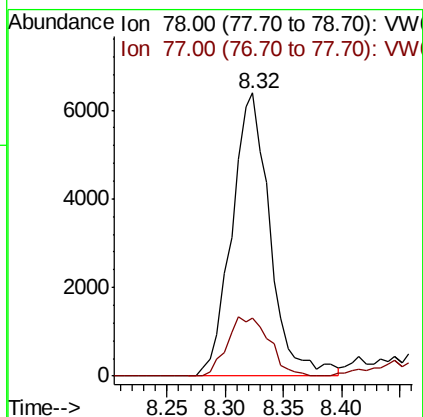
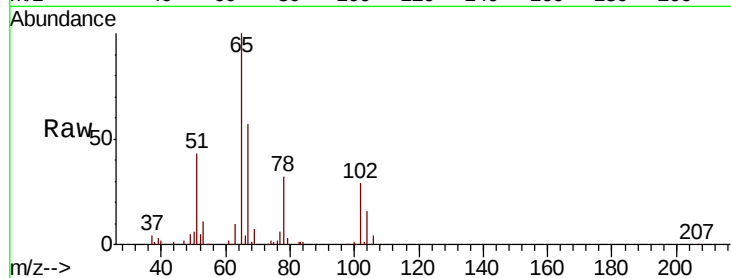
77 20.5 19.2 28.8

Manual Integrations

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#50

Toluene-d8

Concen: 47.010 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013503.D

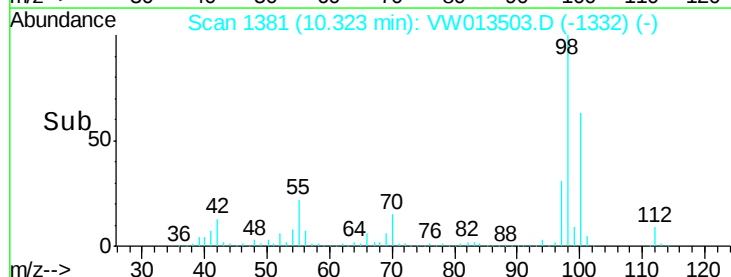
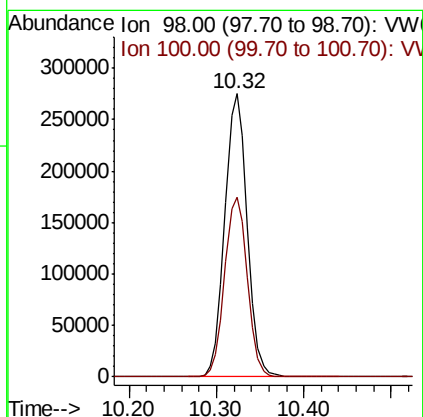
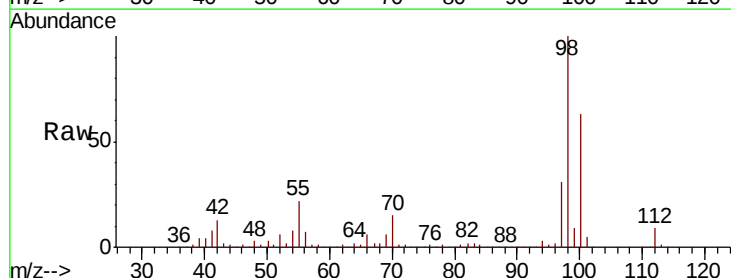
Acq: 09 Oct 2019 14:53

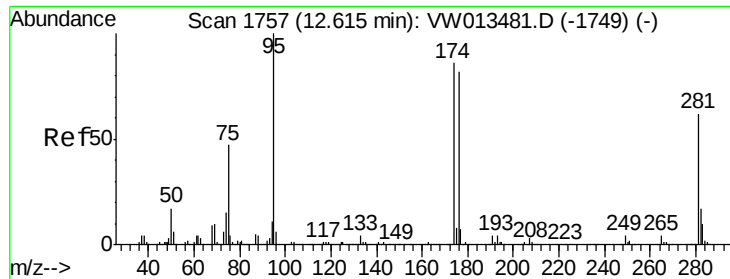
Tgt Ion: 98 Resp: 487702

Ion Ratio Lower Upper

98 100

100 64.2 53.2 79.8





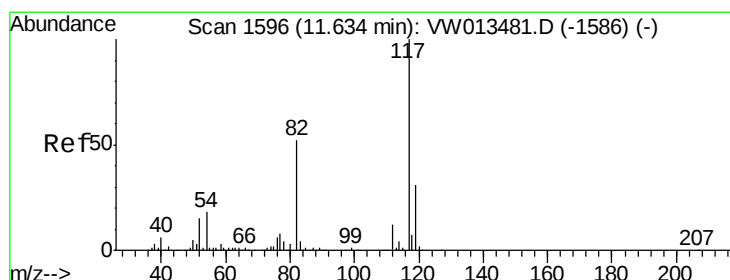
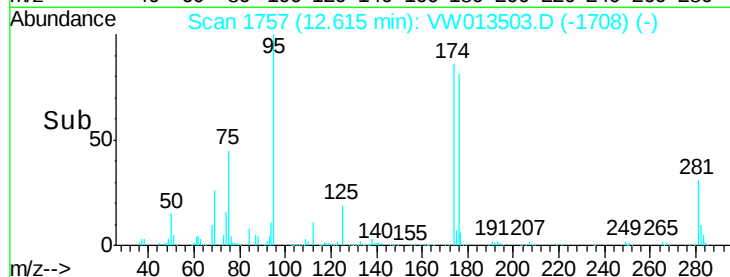
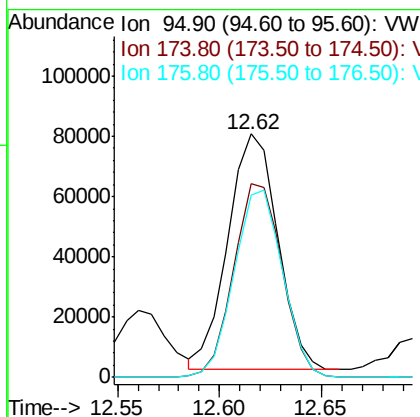
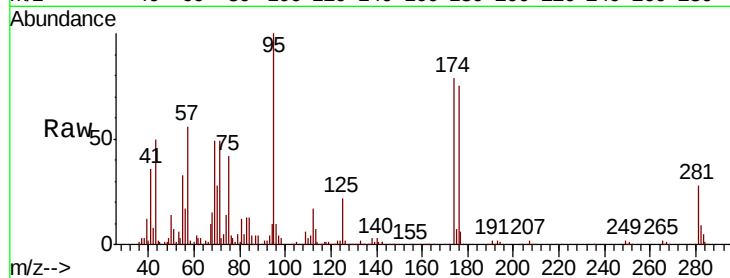
#62
4-Bromofluorobenzene
Concen: 38.222 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Tot Ion	Ratio	Resp	Lower	Upper
95	100	133206		
174	79.7	0.0	177.4	
176	77.5	0.0	173.4	

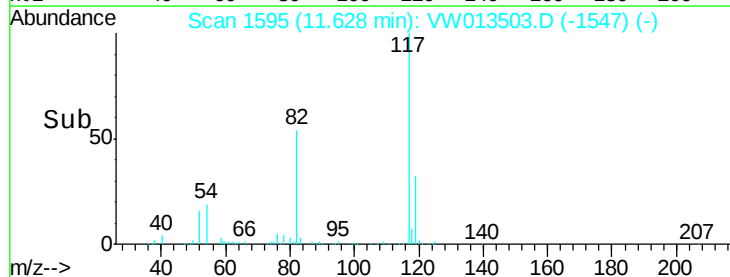
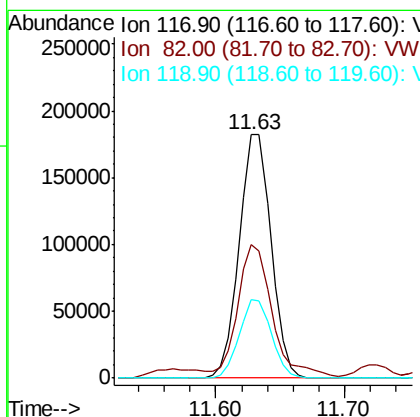
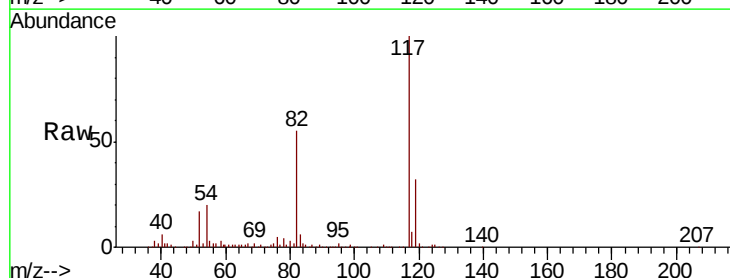
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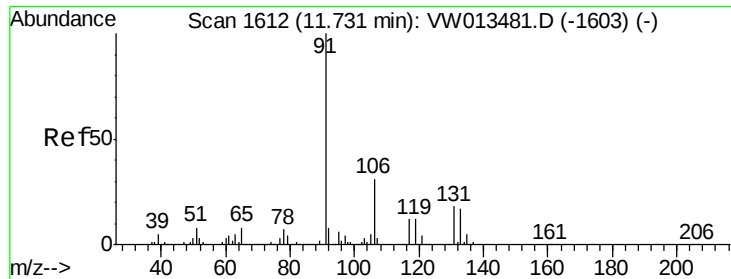
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	312676		
82	54.3	41.4	62.2	
119	32.3	25.1	37.7	





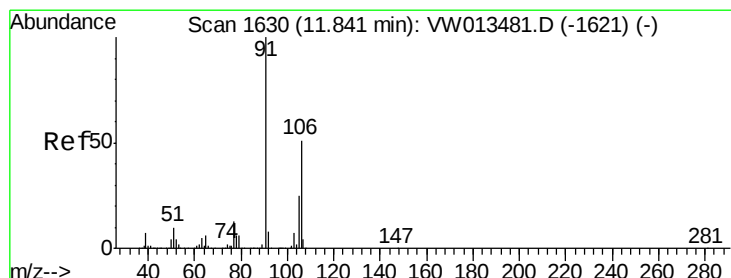
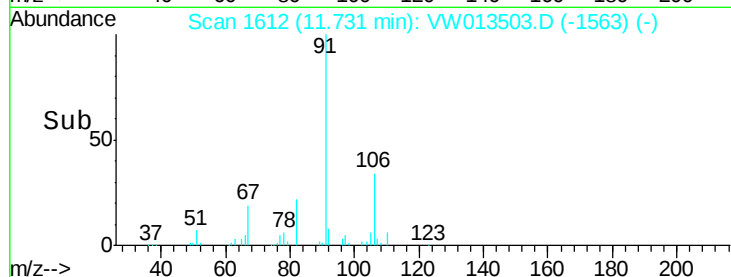
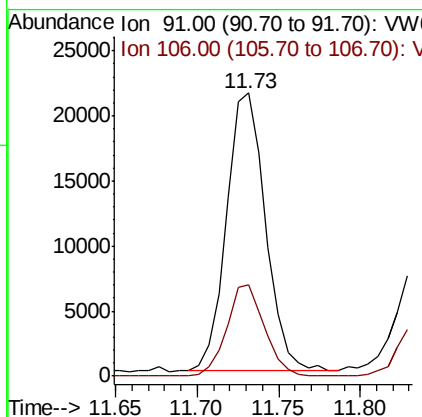
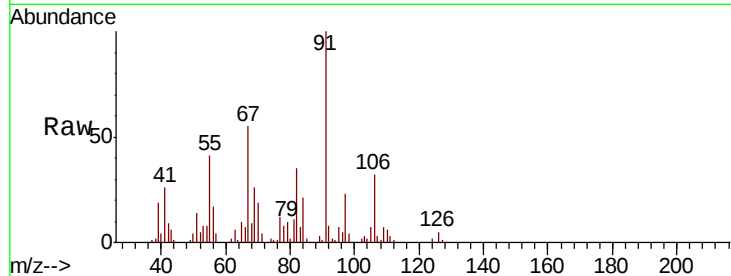
#67
Ethyl Benzene
Concen: 3.132 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Tot Ion: 91 Resp: 35567
Ion Ratio Lower Upper
91 100
106 32.7 24.8 37.2

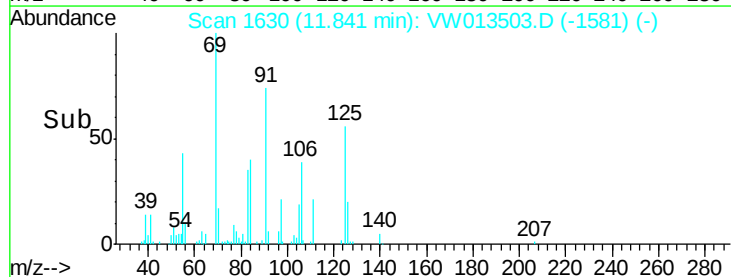
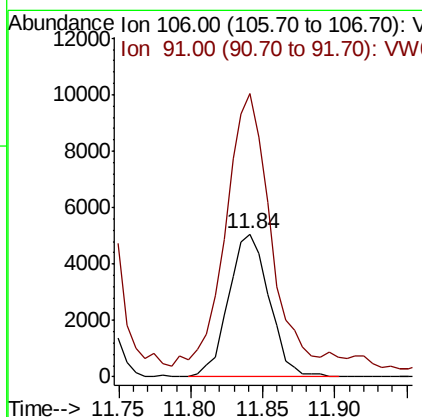
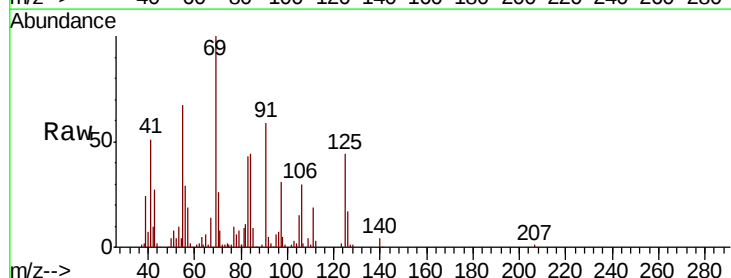
Manual Integrations
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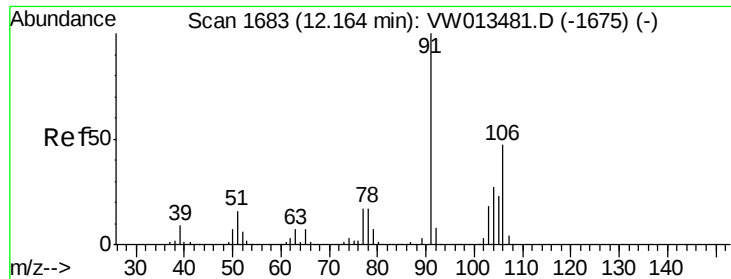
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10/11/2019 4:40:11 PM



#68
m/p-Xylenes
Concen: 2.300 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Tgt Ion: 106 Resp: 9939
Ion Ratio Lower Upper
106 100
91 205.8 156.2 234.4





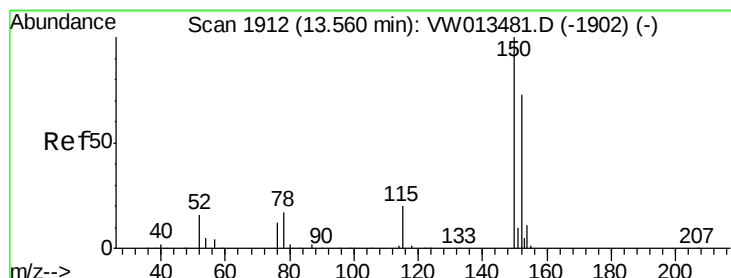
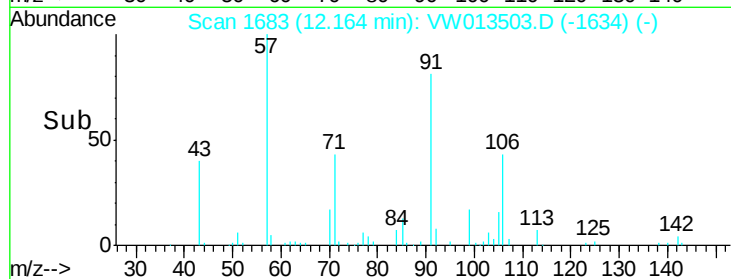
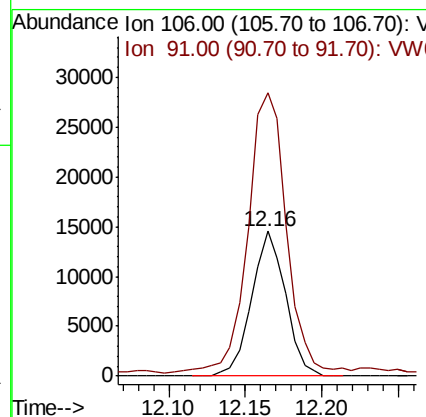
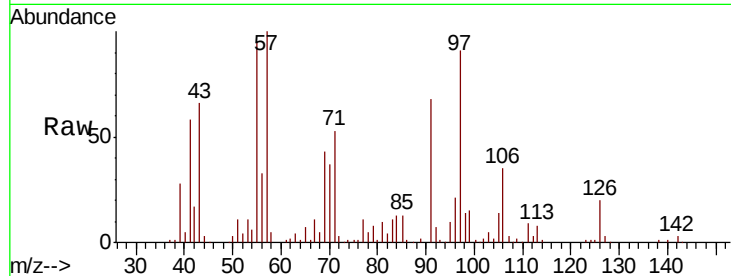
#69
o-Xylene
Concen: 5.611 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Tot Ion:106 Resp: 22397
Ion Ratio Lower Upper
106 100
91 218.7 105.0 315.0

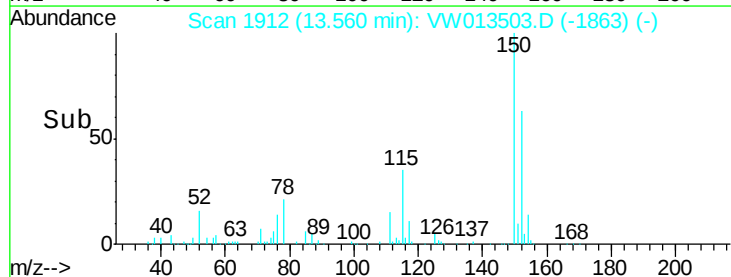
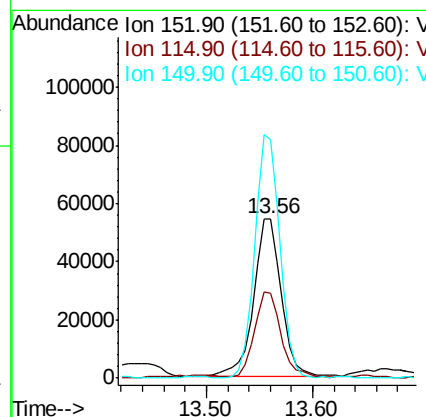
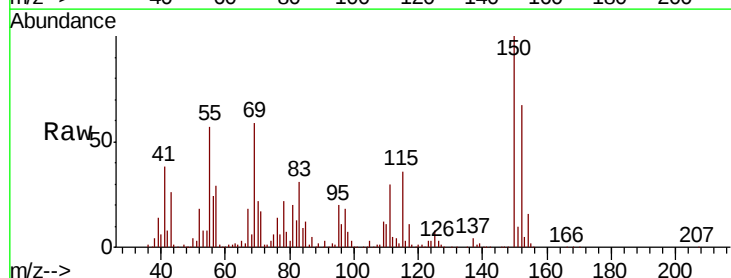
Manual Integrations
APPROVED

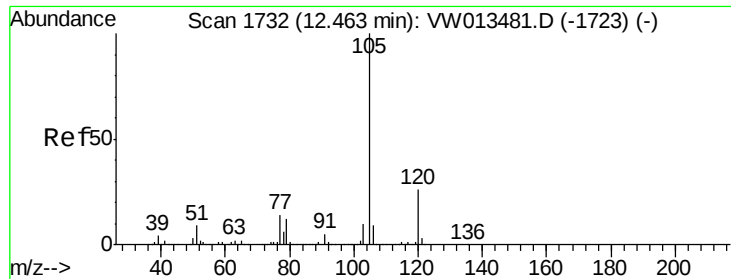
MMDadoda
10/11/2019 4:40:11 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013503.D
Acq: 09 Oct 2019 14:53

Tgt Ion:152 Resp: 99322
Ion Ratio Lower Upper
152 100
115 50.9 27.0 81.0
150 139.0 0.0 337.4





#73

Isopropylbenzene

Concen: 10.807 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013503.D

Acq: 09 Oct 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

E.OUTFALL-CREEK-SOIL-SP

Tot Ion:105 Resp: 76883

Ion Ratio Lower Upper

105 100

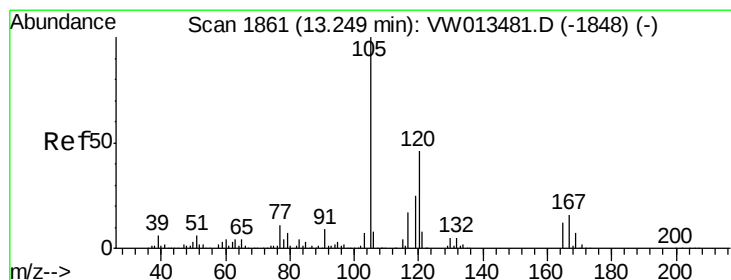
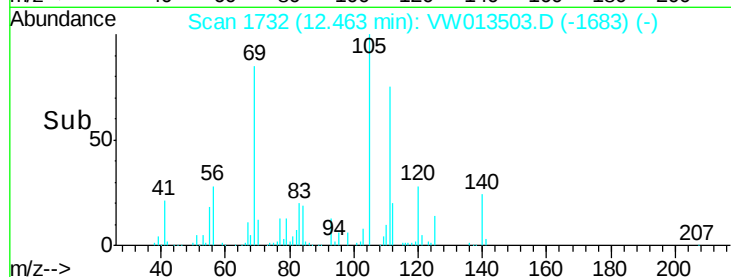
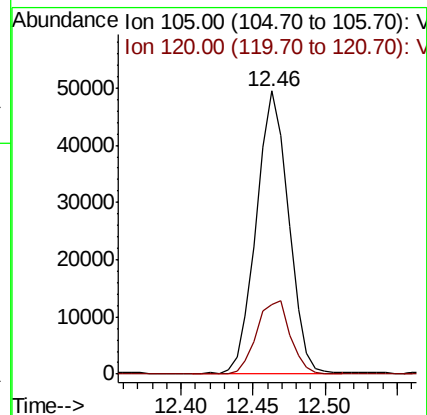
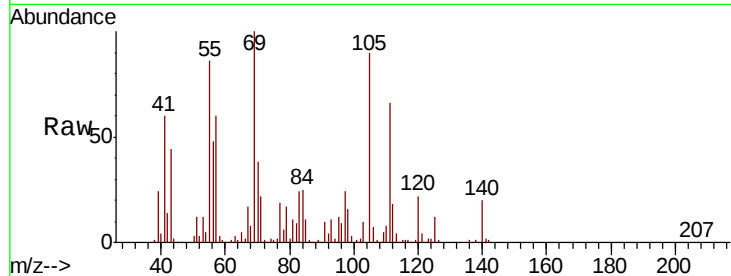
120 26.9 13.5 40.5

Manual Integrations

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10/11/2019 4:40:11 PM



#84

1,2,4-Trimethylbenzene

Concen: 3.919 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW013503.D

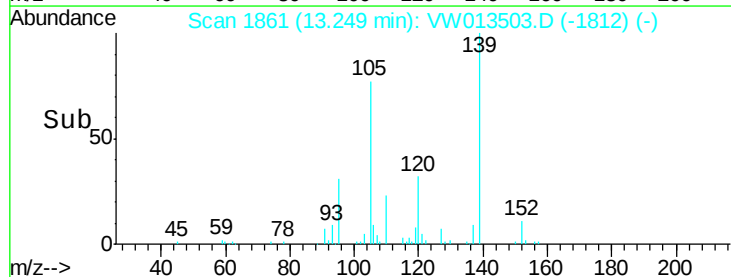
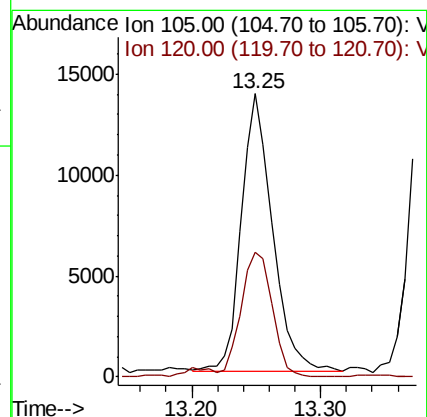
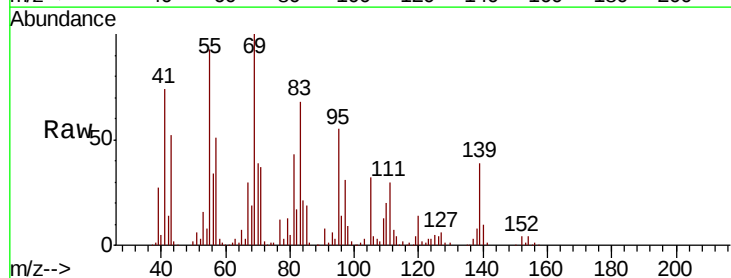
Acq: 09 Oct 2019 14:53

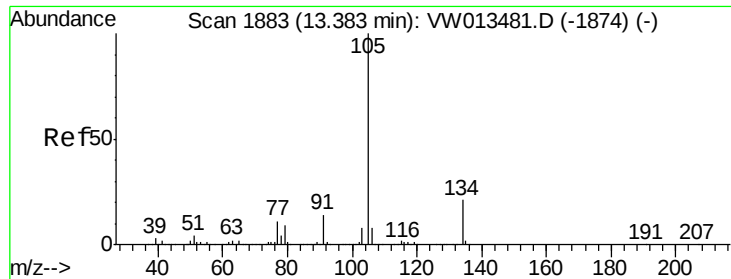
Tgt Ion:105 Resp: 22912

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 4.288 ug/l m

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013503.D

Acq: 09 Oct 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

E.OUTFALL-CREEK-SOIL-SP

Tot Ion:105 Resp: 31101

Ion Ratio Lower Upper

105 100

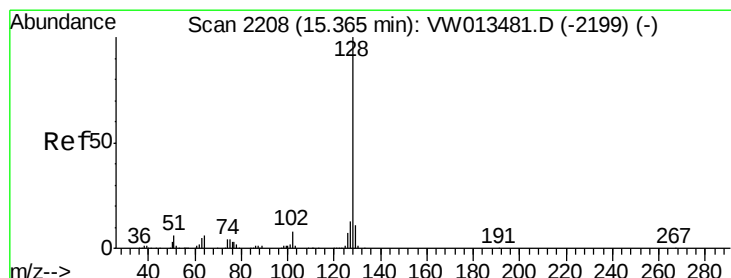
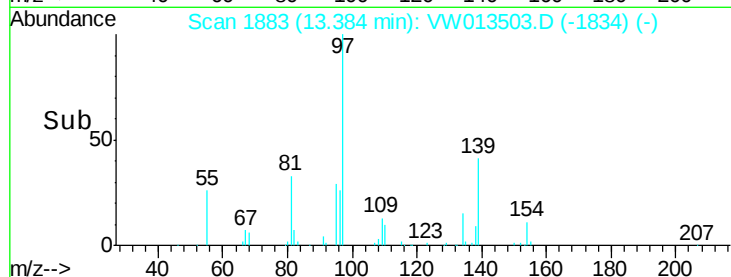
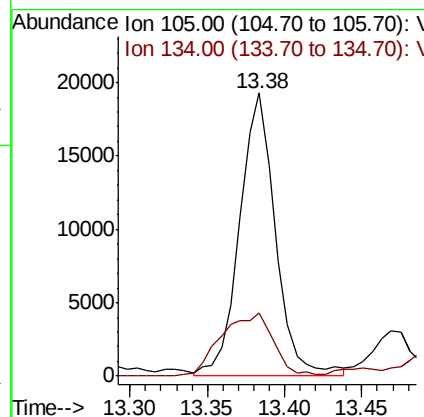
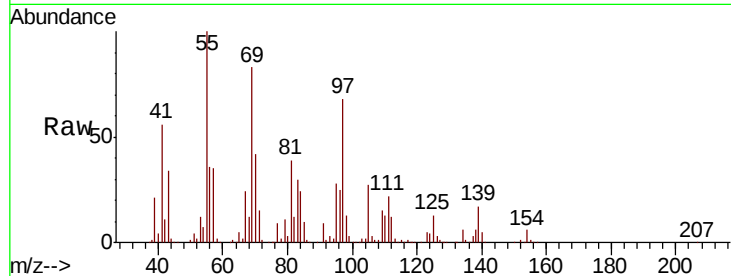
134 3.4 10.4 31.4#

Manual Integrations

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10/11/2019 4:40:11 PM



#95

Naphthalene

Concen: 115.933 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013503.D

Acq: 09 Oct 2019 14:53

Tgt Ion:128 Resp: 400137

Ion Ratio Lower Upper

128 100

127 18.0 10.6 16.0#

129 11.3 8.8 13.2

