

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064185.D
 Acq On : 11 Nov 2019 18:41
 Operator : VA/SY
 Sample : K5777-02
 Misc : 7.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-WEST-OUTFALL-(10)

Quant Time: Nov 12 10:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	257726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	444803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	464844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	161318	76.11	ug/l	0.00
Spiked Amount			Recovery	=	152.22%	
35) Dibromofluoromethane	7.92	113	144089	56.43	ug/l	0.00
Spiked Amount			Recovery	=	112.86%	
50) Toluene-d8	10.34	98	547583	56.85	ug/l	0.00
Spiked Amount			Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.64	95	223340	66.96	ug/l	0.00
Spiked Amount			Recovery	=	133.92%	

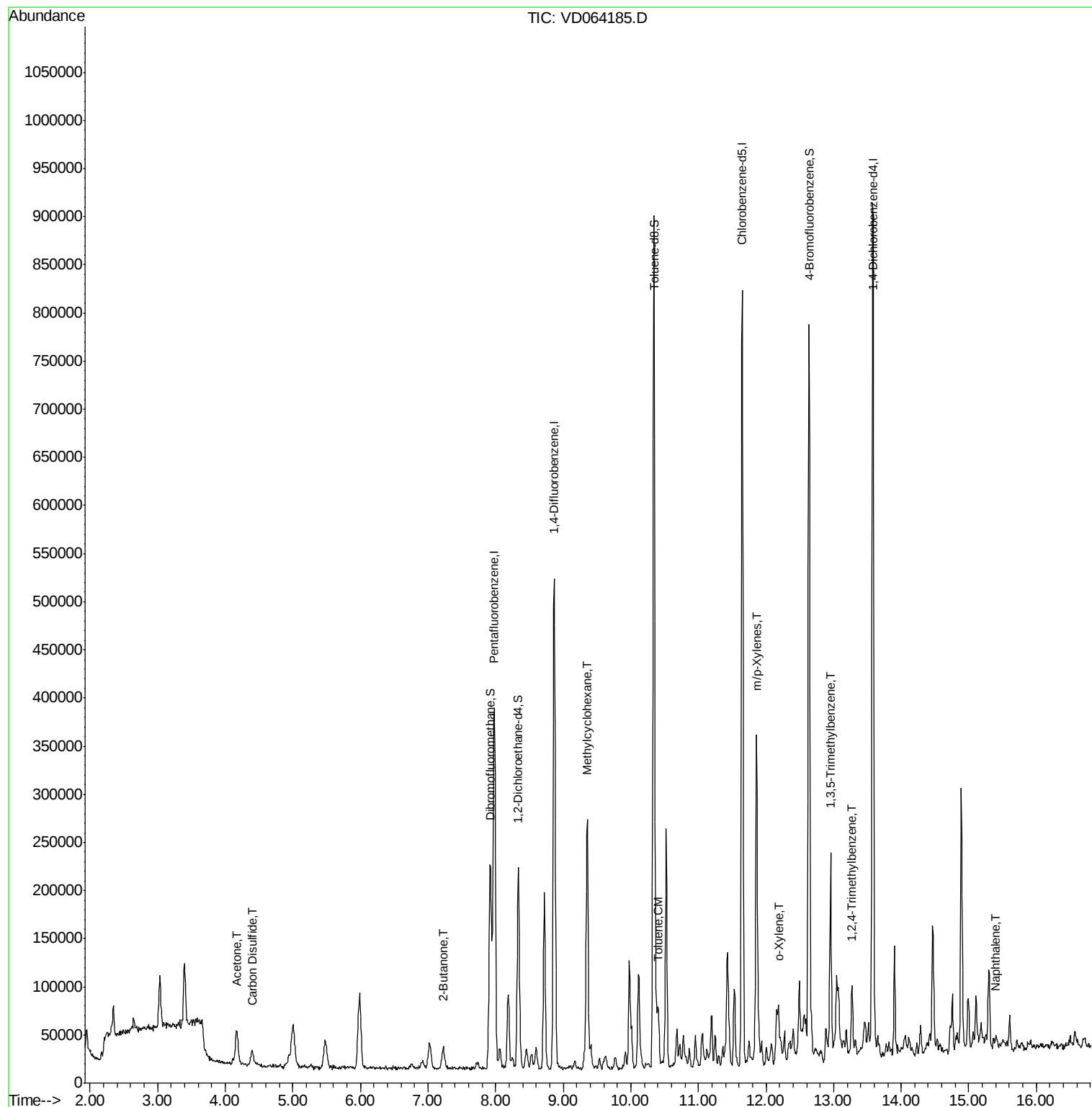
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	69018	137.446	ug/l	93
17) Carbon Disulfide	4.40	76	31977	4.741	ug/l	97
25) 2-Butanone	7.23	43	23126	35.647	ug/l	94
39) Methylcyclohexane	9.36	83	106603	20.522	ug/l	93
52) Toluene	10.41	92	24756	3.356	ug/l	95
68) m/p-Xylenes	11.86	106	38598	5.889	ug/l	95
69) o-Xylene	12.18	106	11285	1.857	ug/l	92
80) 1,3,5-Trimethylbenzene	12.96	105	23057	1.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	40110	2.745	ug/l	98
95) Naphthalene	15.41	128	9996	1.150	ug/l #	89

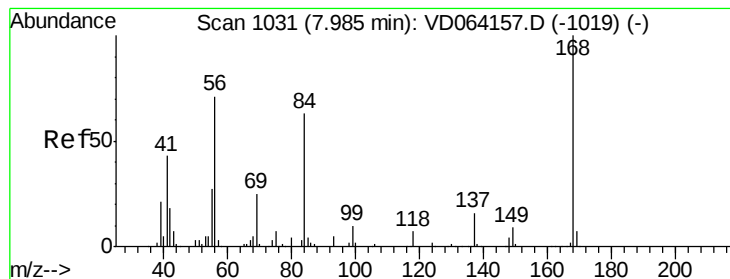
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064185.D

Acq: 11 Nov 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

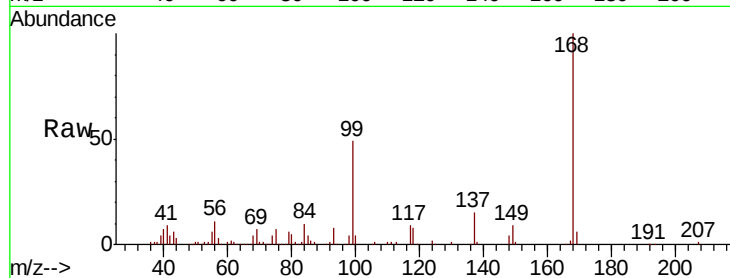
AOC-7-WEST-OUTFALL-(10)

Tot Ion:168 Resp: 257726

Ion Ratio Lower Upper

168 100

99 48.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

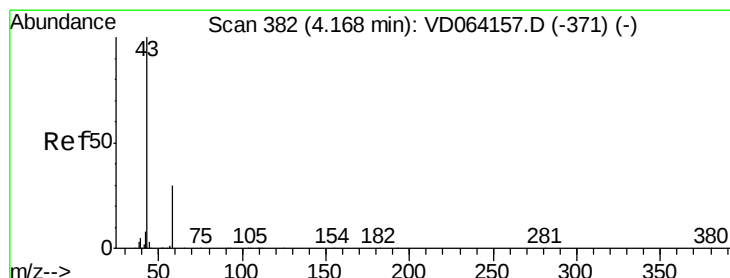
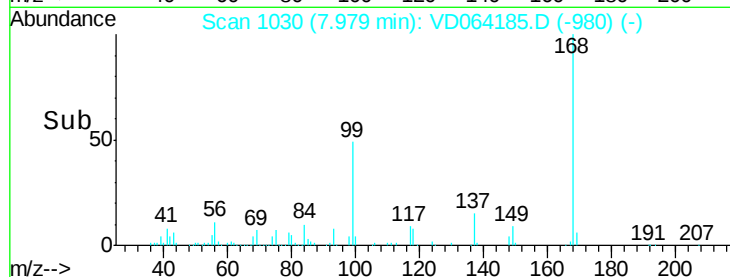
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 137.446 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064185.D

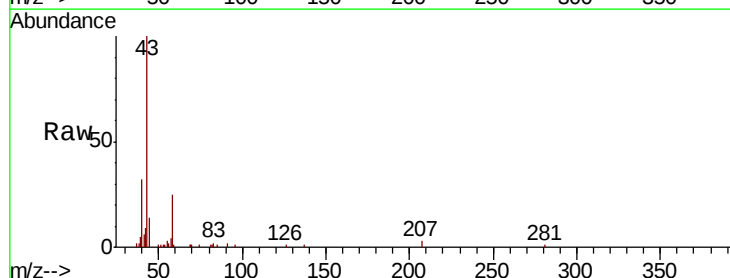
Acq: 11 Nov 2019 18:41

Tgt Ion: 43 Resp: 69018

Ion Ratio Lower Upper

43 100

58 26.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

25000

20000

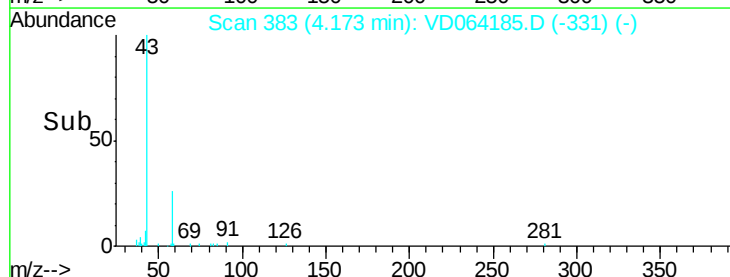
15000

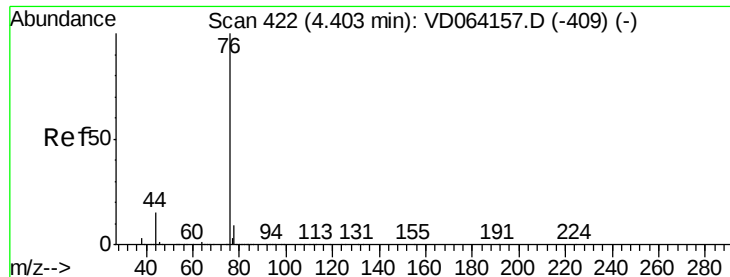
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 4.741 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064185.D

Acq: 11 Nov 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

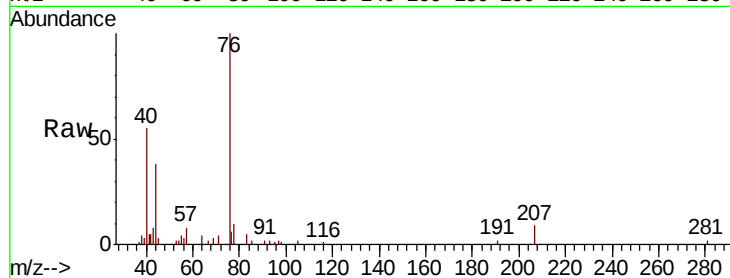
AOC-7-WEST-OUTFALL-(10)

Tot Ion: 76 Resp: 31977

Ion Ratio Lower Upper

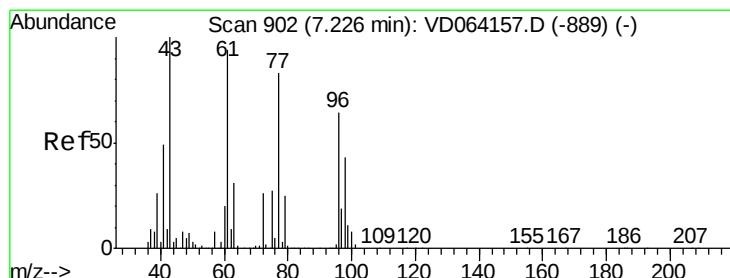
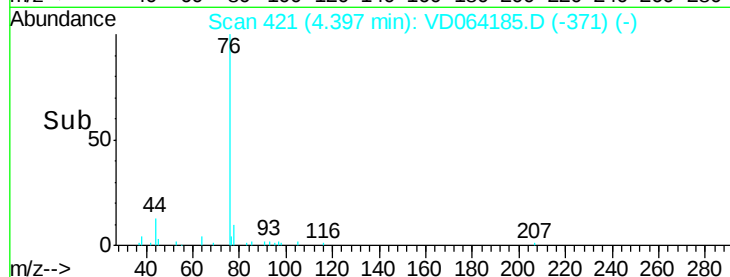
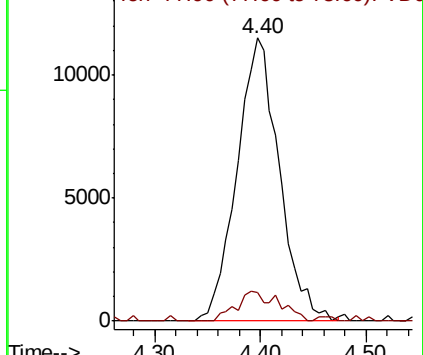
76 100

78 10.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 35.647 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD064185.D

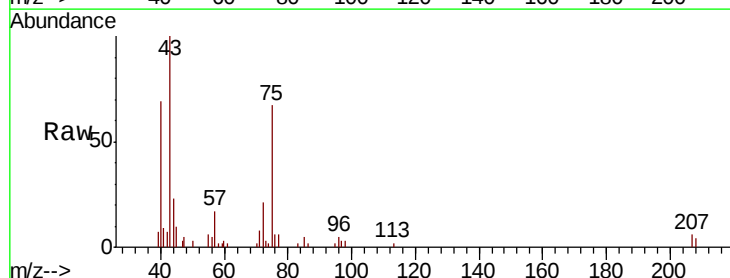
Acq: 11 Nov 2019 18:41

Tgt Ion: 43 Resp: 23126

Ion Ratio Lower Upper

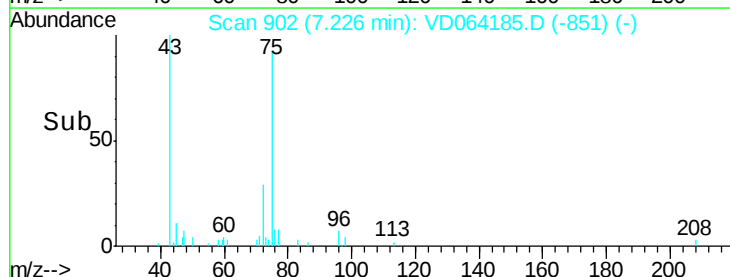
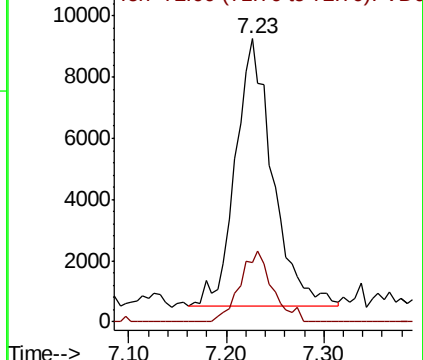
43 100

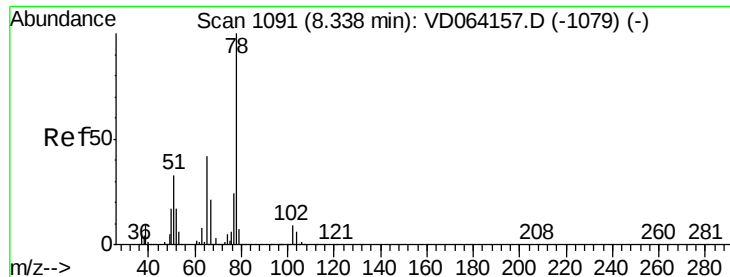
72 22.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

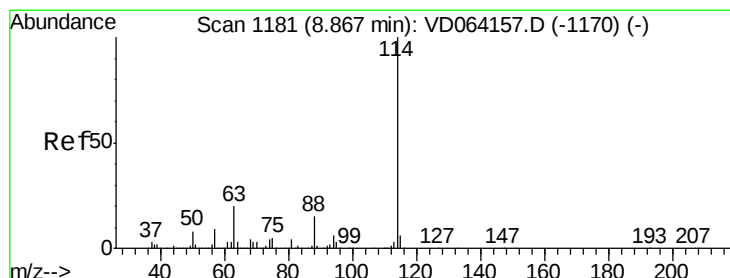
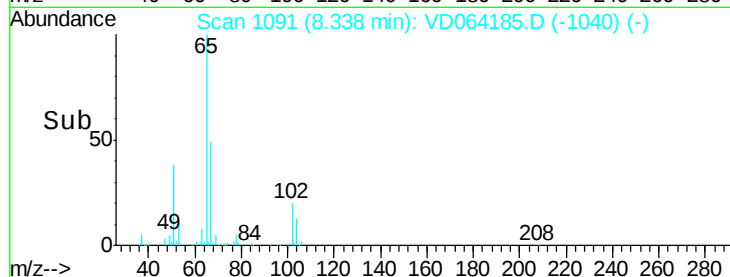
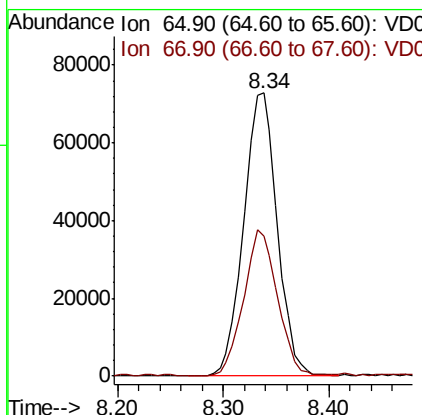
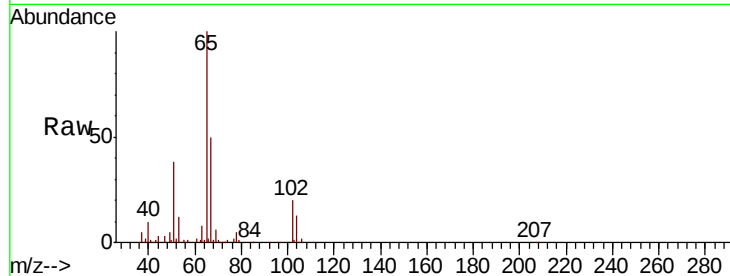




#33
 1,2-Dichloroethane-d4
 Concen: 76.106 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

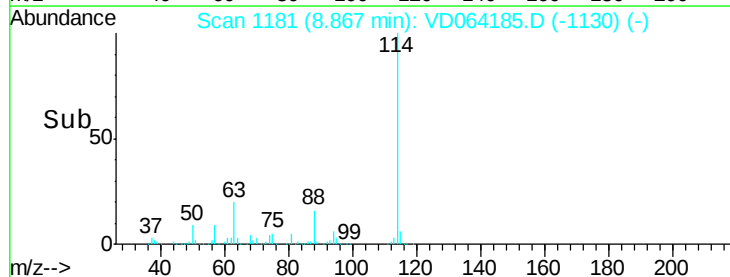
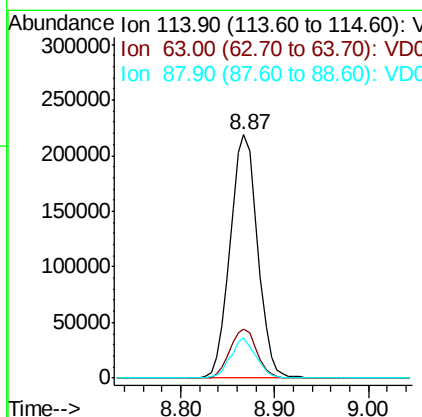
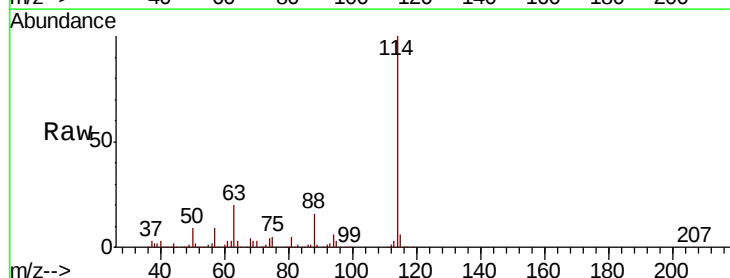
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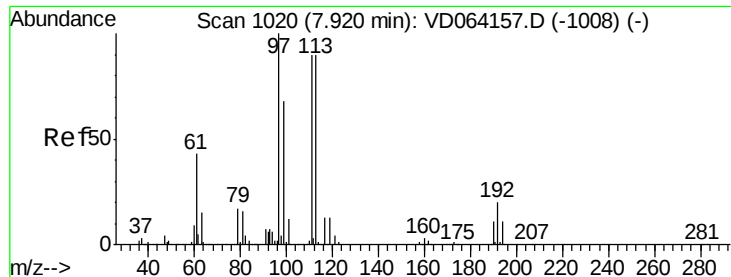
Tot Ion: 65 Resp: 161318
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

Tgt Ion: 114 Resp: 444803
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 16.5 0.0 30.2

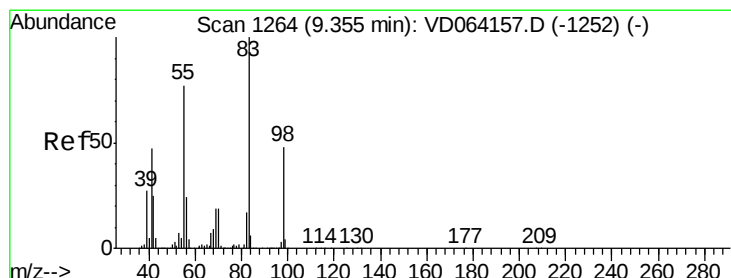
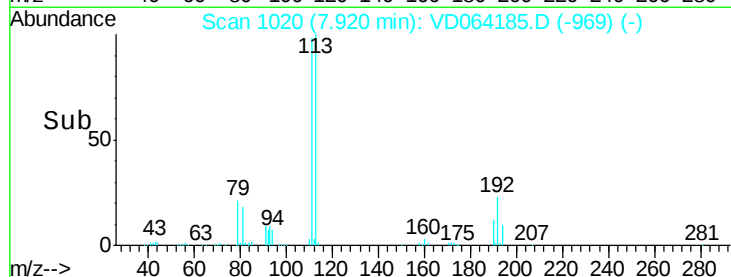
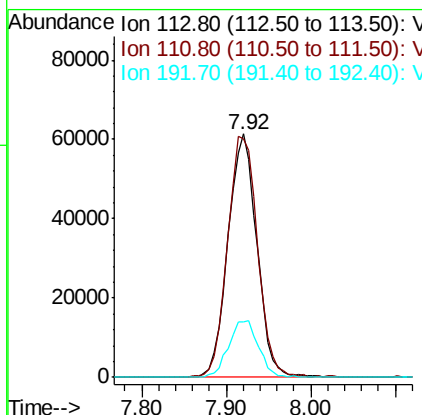
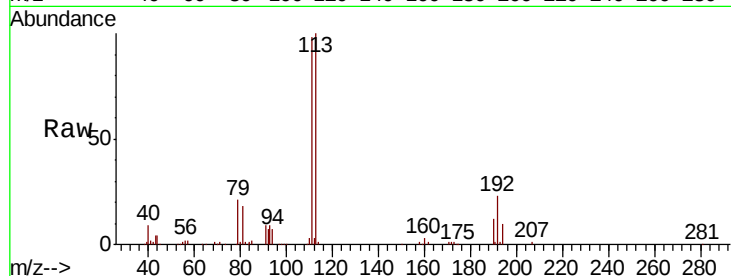




#35
 Dibromofluoromethane
 Concen: 56.434 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

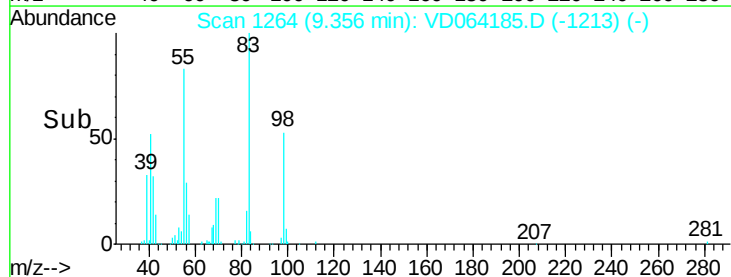
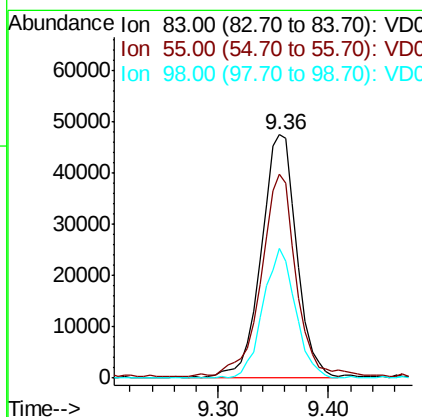
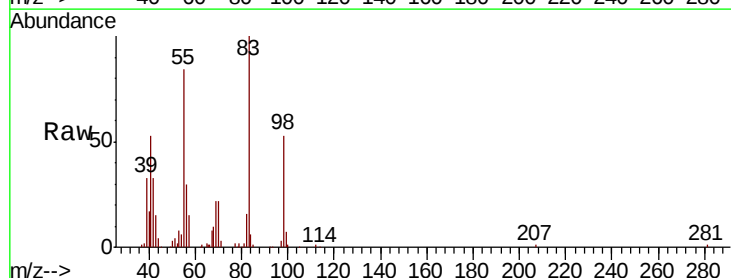
Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-WEST-OUTFALL-(10)

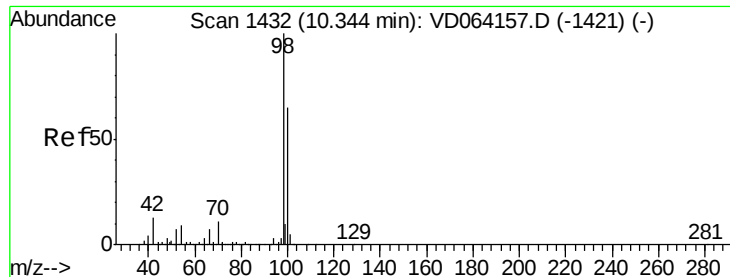
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	24.0	18.8	28.2



#39
 Methylcyclohexane
 Concen: 20.522 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.1	61.7	92.5
98	53.3	38.6	58.0

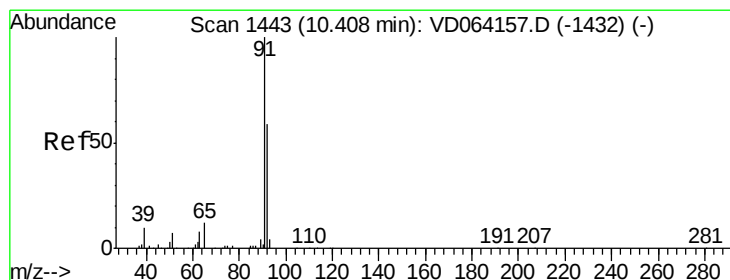
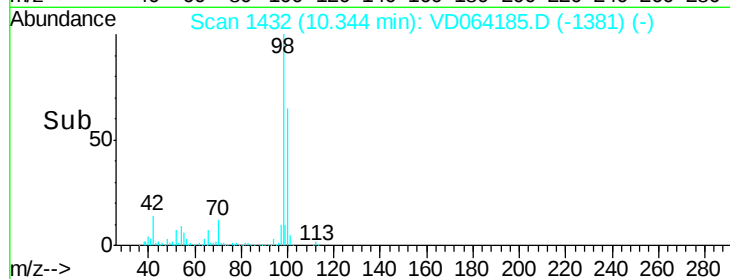
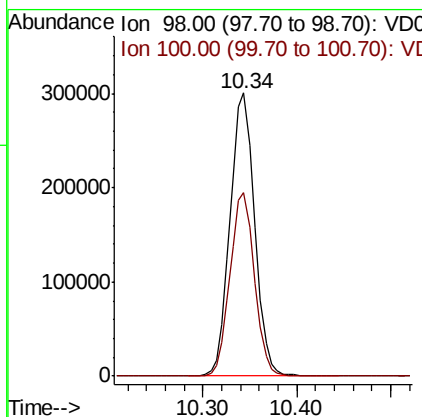
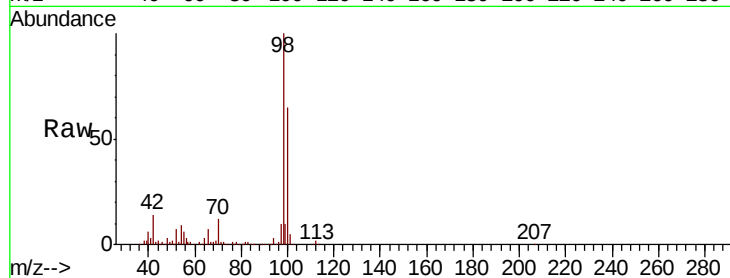




#50
Toluene-d8
Concen: 56.851 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064185.D
Acq: 11 Nov 2019 18:41

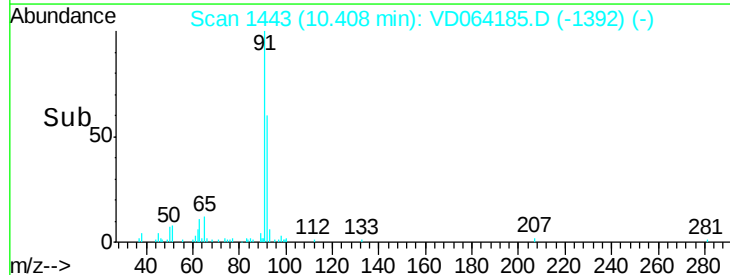
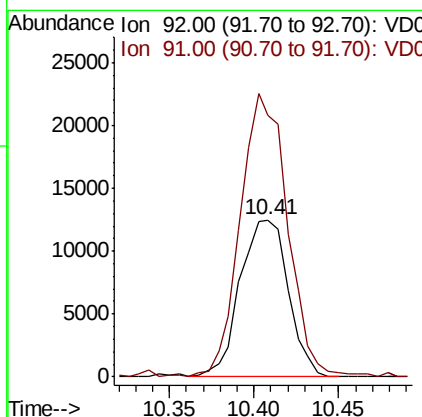
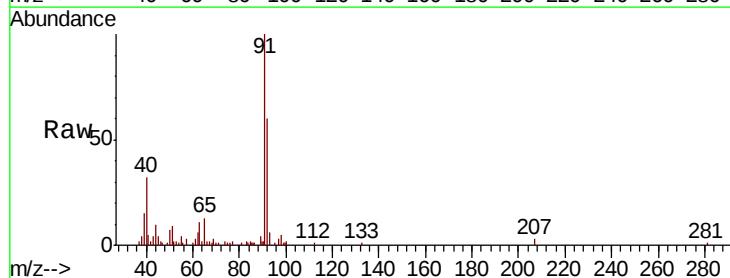
Instrument :
MSVOA_D
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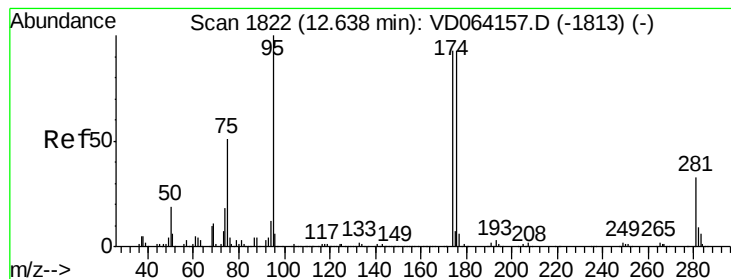
Tot Ion: 98 Resp: 547583
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#52
Toluene
Concen: 3.356 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD064185.D
Acq: 11 Nov 2019 18:41

Tgt Ion: 92 Resp: 24756
Ion Ratio Lower Upper
92 100
91 177.2 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 66.957 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064185.D

Acq: 11 Nov 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

AOC-7-WEST-OUTFALL-(10)

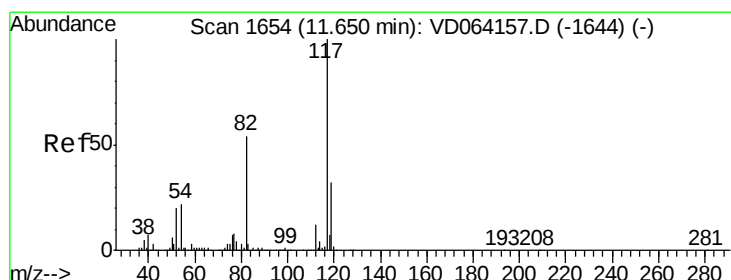
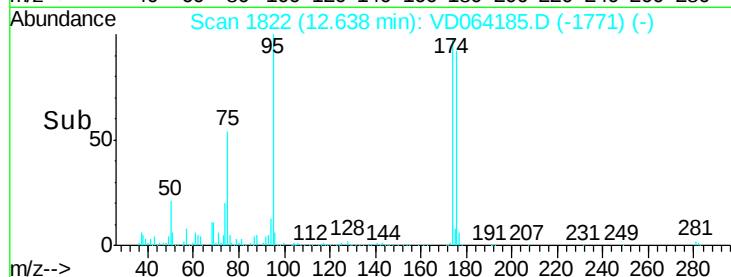
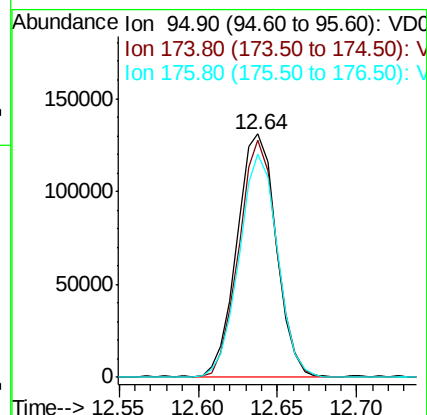
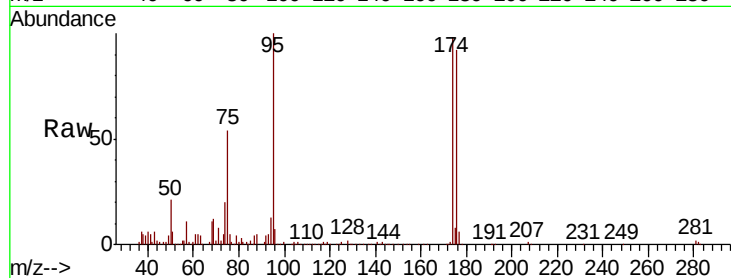
Tot Ion: 95 Resp: 223340

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.6

176 90.5 0.0 180.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064185.D

Acq: 11 Nov 2019 18:41

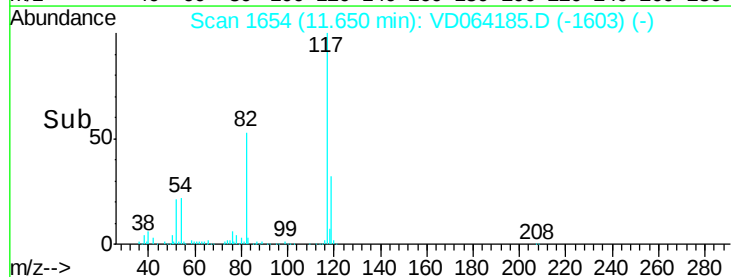
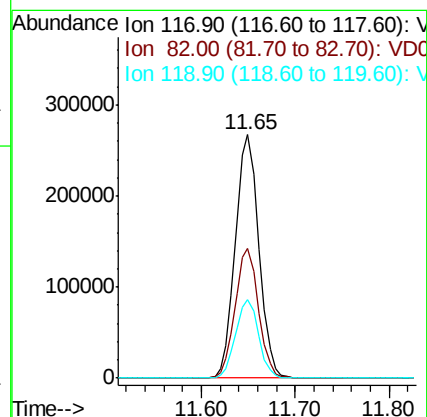
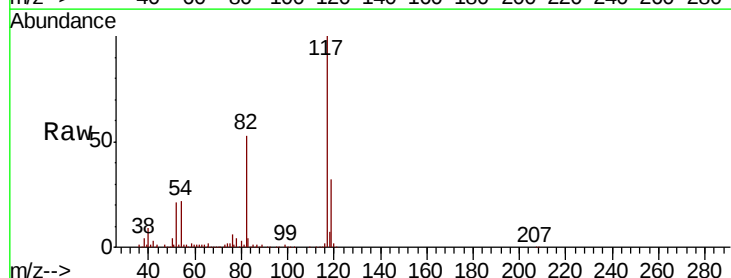
Tgt Ion: 117 Resp: 464844

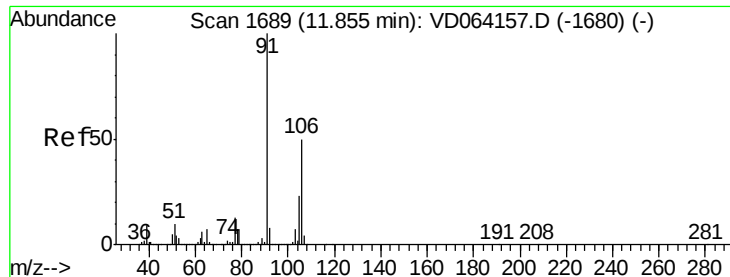
Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

119 32.4 25.6 38.4

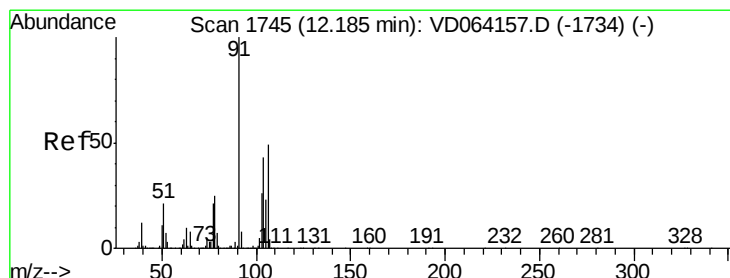
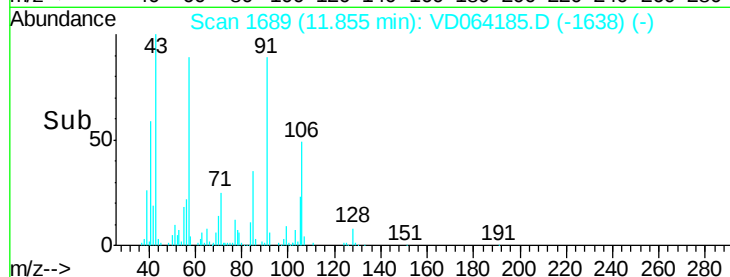
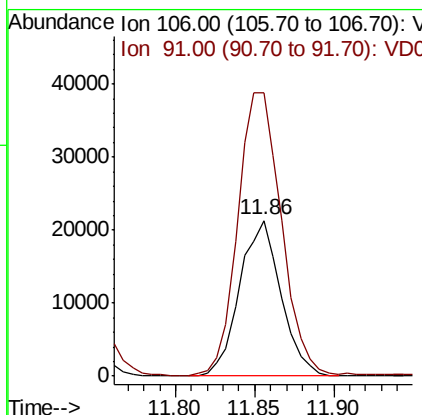
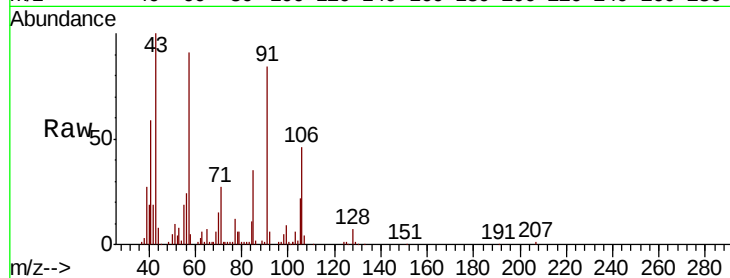




#68
m/p-Xylenes
Concen: 5.889 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064185.D
Acq: 11 Nov 2019 18:41

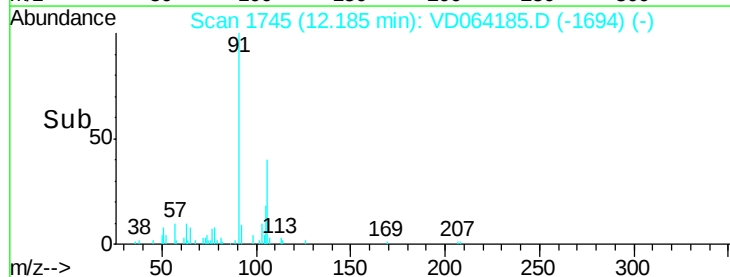
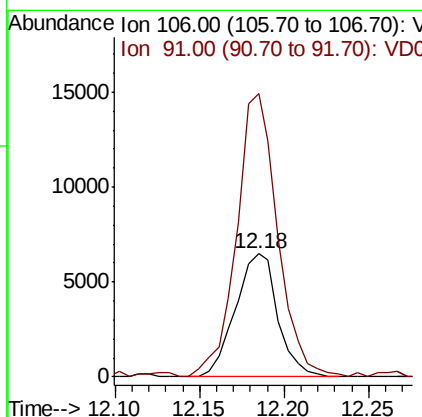
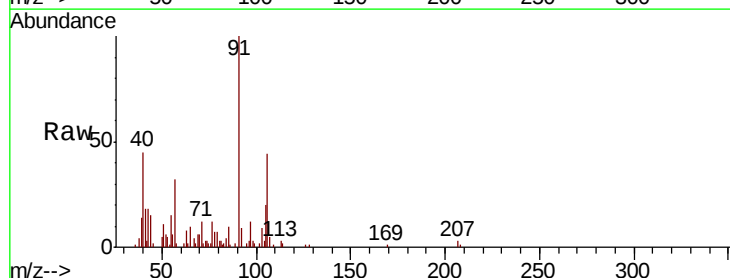
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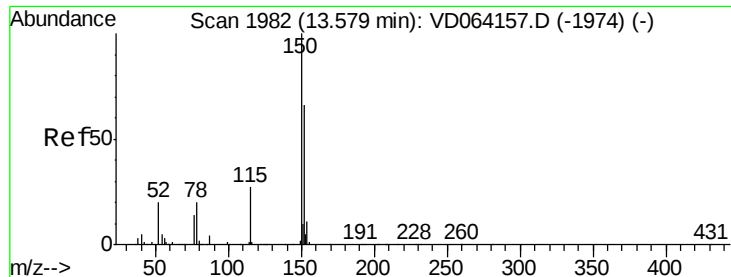
Tot Ion:106 Resp: 38598
Ion Ratio Lower Upper
106 100
91 193.2 160.3 240.5



#69
o-Xylene
Concen: 1.857 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064185.D
Acq: 11 Nov 2019 18:41

Tgt Ion:106 Resp: 11285
Ion Ratio Lower Upper
106 100
91 223.0 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064185.D

Acq: 11 Nov 2019 18:41

Instrument :

MSVOA_D

ClientSampleId :

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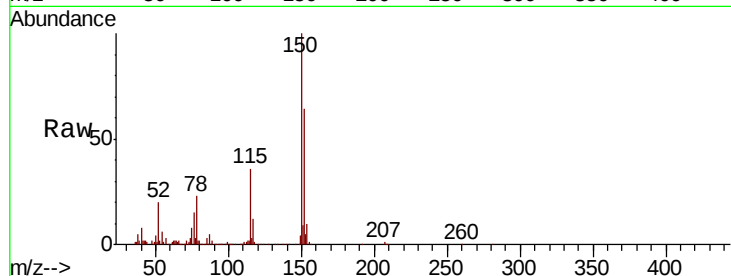
Tot Ion:152 Resp: 245415

Ion Ratio Lower Upper

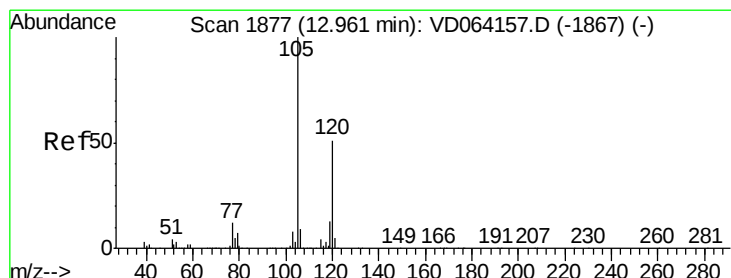
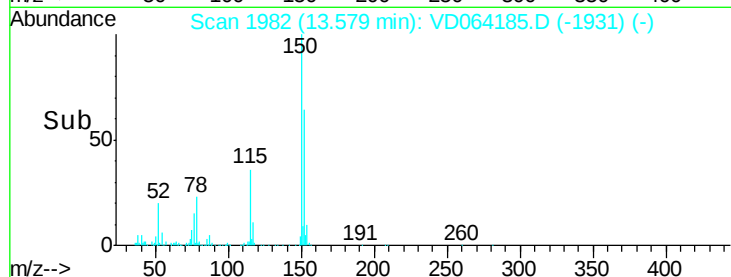
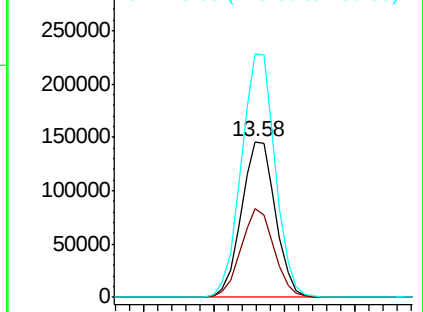
152 100

115 55.8 27.4 82.2

150 156.2 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.558 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD064185.D

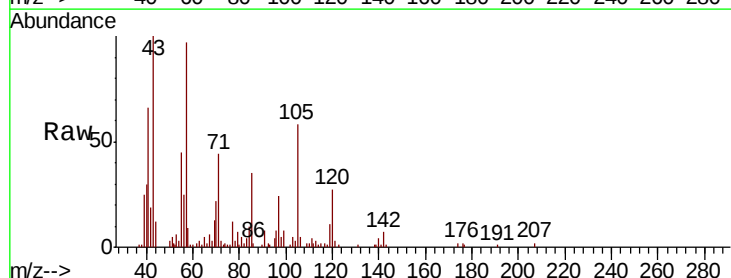
Acq: 11 Nov 2019 18:41

Tgt Ion:105 Resp: 23057

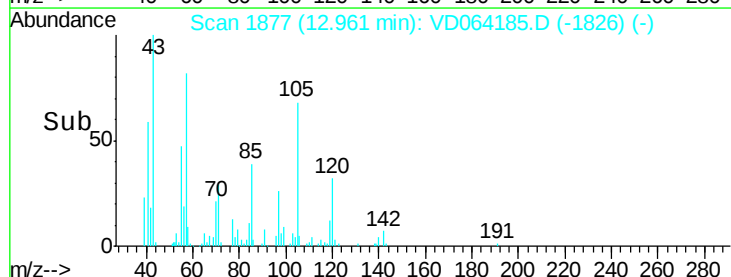
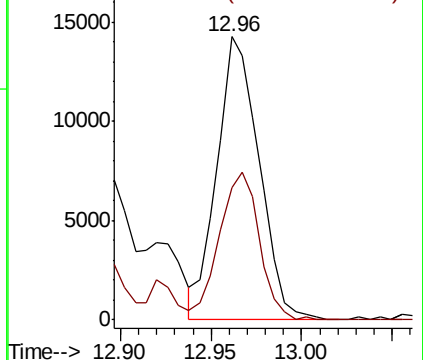
Ion Ratio Lower Upper

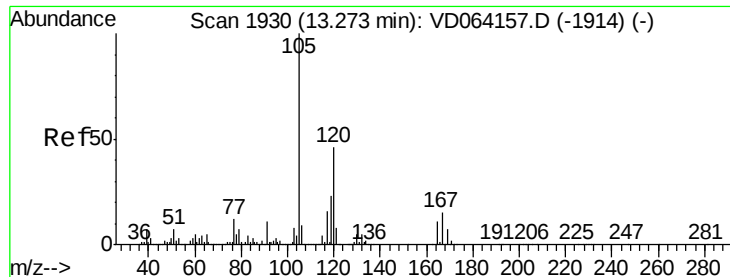
105 100

120 49.3 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

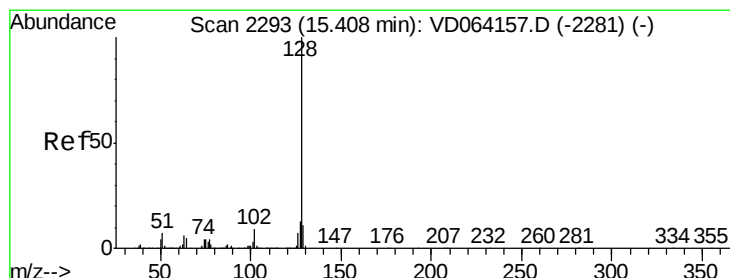
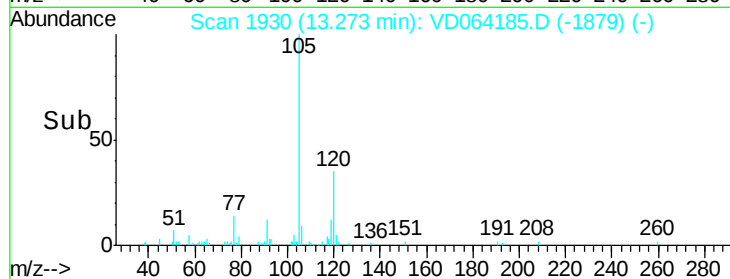
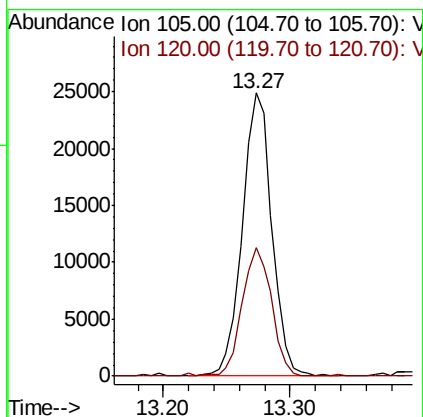
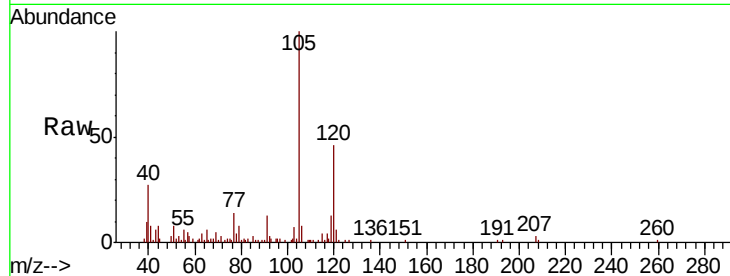




#84
 1,2,4-Trimethylbenzene
 Concen: 2.745 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-WEST-OUTFALL-(10)

Tot Ion:105 Resp: 40110
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.8



#95
 Naphthalene
 Concen: 1.150 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD064185.D
 Acq: 11 Nov 2019 18:41

Tgt Ion:128 Resp: 9996
 Ion Ratio Lower Upper
 128 100
 127 16.8 10.5 15.7#
 129 16.1 8.6 13.0#

