

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064187.D
 Acq On : 11 Nov 2019 19:39
 Operator : VA/SY
 Sample : K5777-06
 Misc : 5.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-NORTH-(10)

Manual Integrations
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 11/12/2019 10:26:01 AM

Quant Time: Nov 12 03:46:45 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	706994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1195304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1167805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	610517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	321360	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	7.92	113	367222	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.34	98	1420413	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.64	95	527306	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	15718	11.411	ug/l #	87
17) Carbon Disulfide	4.39	76	31656	1.711	ug/l #	95
40) Benzene	8.35	78	159639	5.295	ug/l	99
52) Toluene	10.41	92	34762	1.753	ug/l	98
67) Ethyl Benzene	11.75	91	7859088	182.961	ug/l	97
68) m/p-Xylenes	11.86	106	1269493	77.104	ug/l	98
69) o-Xylene	12.18	106	710178	46.508	ug/l	99
73) Isopropylbenzene	12.48	105	703038	15.689	ug/l	100
78) n-propylbenzene	12.83	91	112319	2.194	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.97	105	356993	9.695	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	902698	24.832	ug/l	99
86) p-Isopropyltoluene	13.52	119	54411m	1.312	ug/l	
95) Naphthalene	15.41	128	6727781	311.043	ug/l	100

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

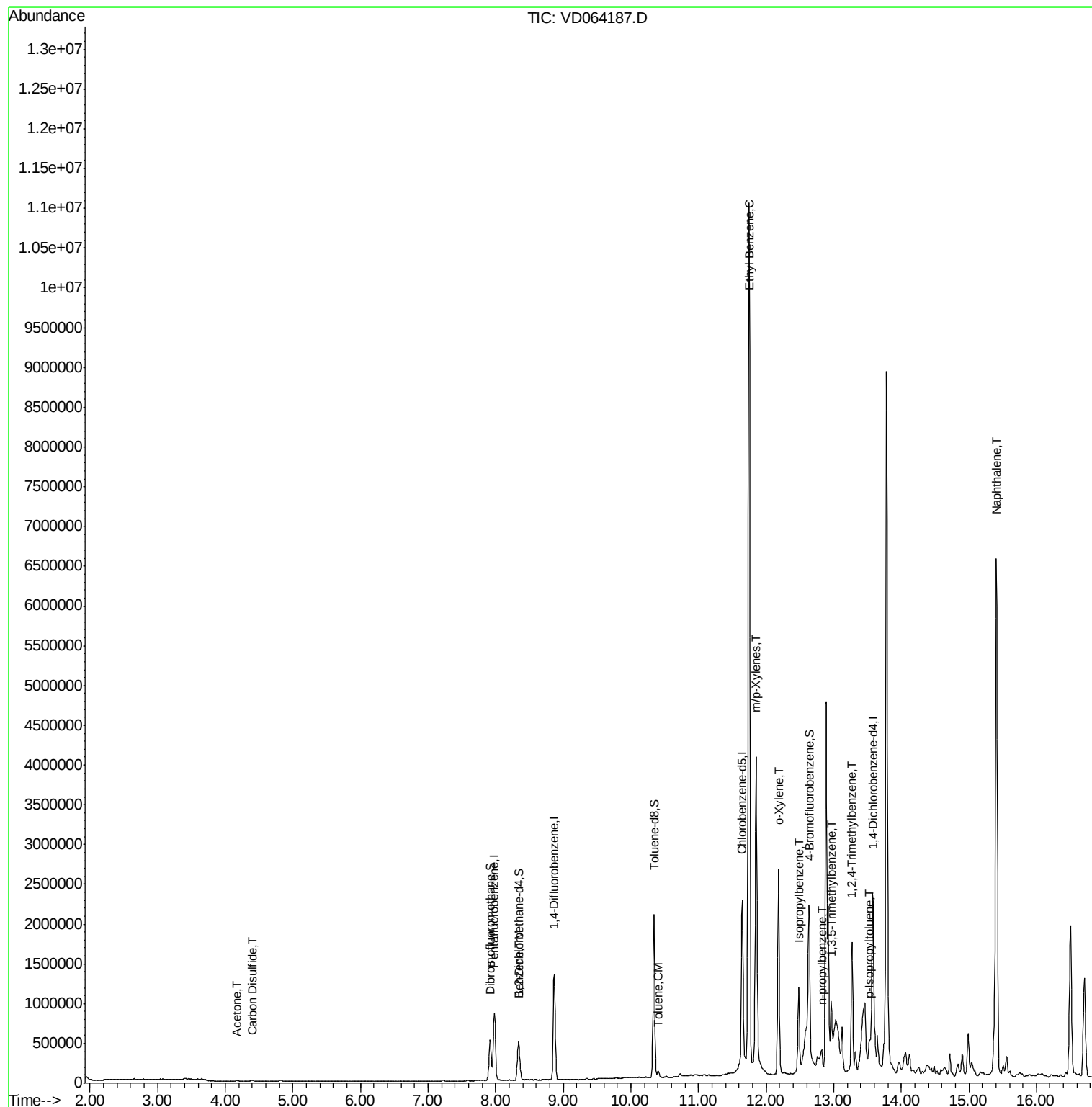
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
Data File : VD064187.D
Acq On : 11 Nov 2019 19:39
Operator : VA/SY
Sample : K5777-06
Misc : 5.63G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

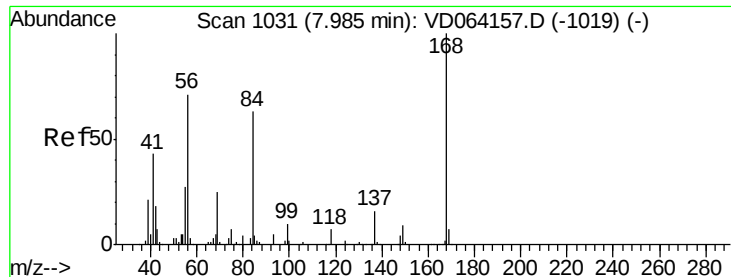
Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

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11/12/2019 10:26:01 AM

Quant Time: Nov 12 03:46:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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: VD064187.D

Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH(10)

Tot Ion:168 Resp: 706994

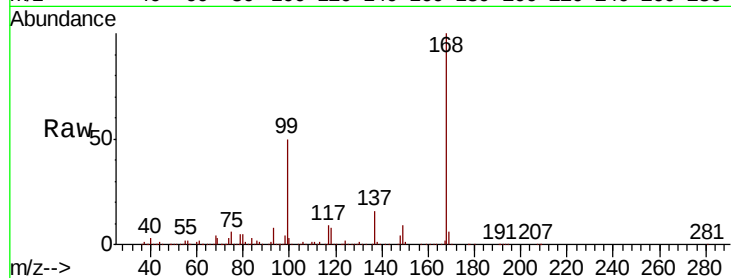
Ion Ratio Lower Upper

168 100

99 50.4 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

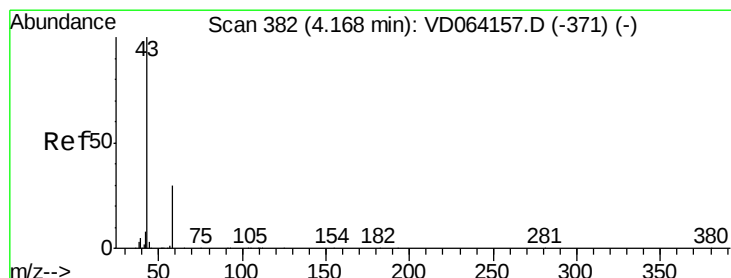
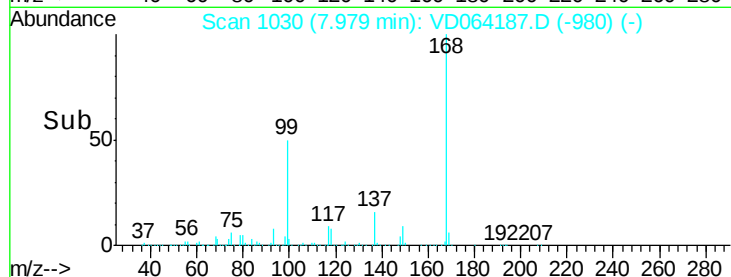
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.411 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064187.D

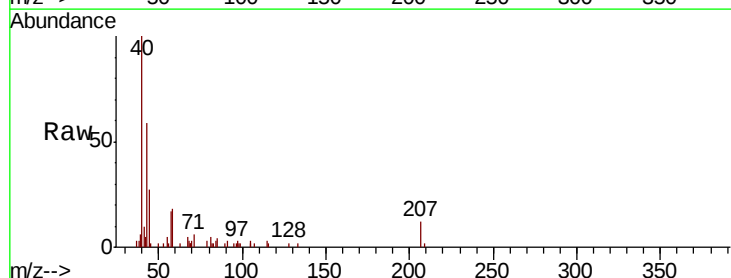
Acq: 11 Nov 2019 19:39

Tgt Ion: 43 Resp: 15718

Ion Ratio Lower Upper

43 100

58 37.0 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

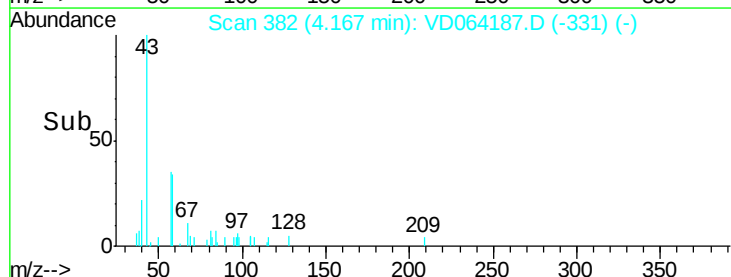
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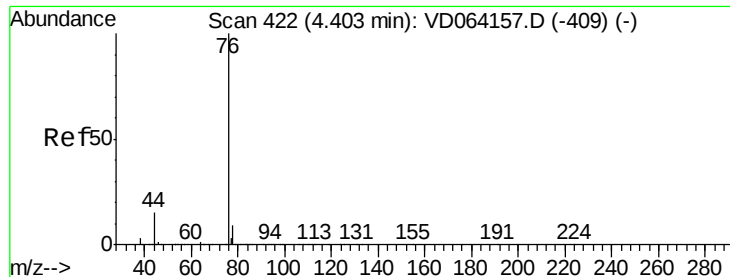
4000

2000

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Time-->





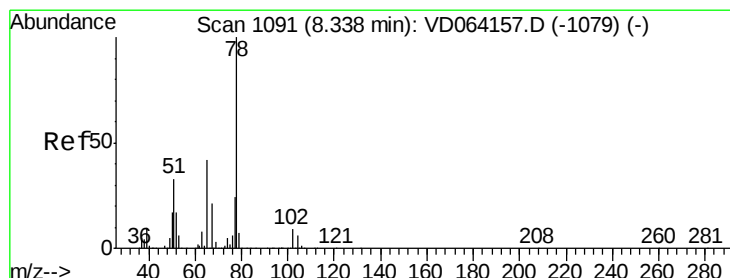
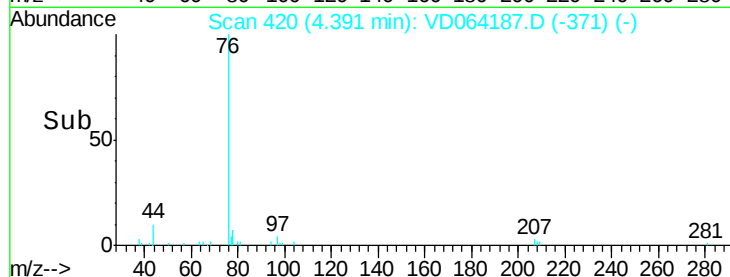
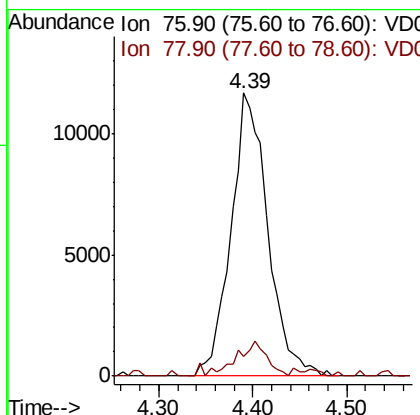
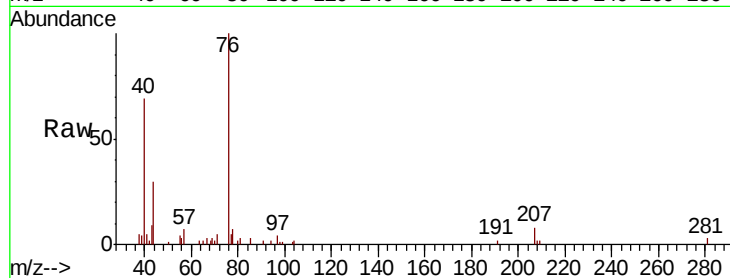
#17
Carbon Disulfide
Concen: 1.711 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion: 76 Resp: 31656
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8#

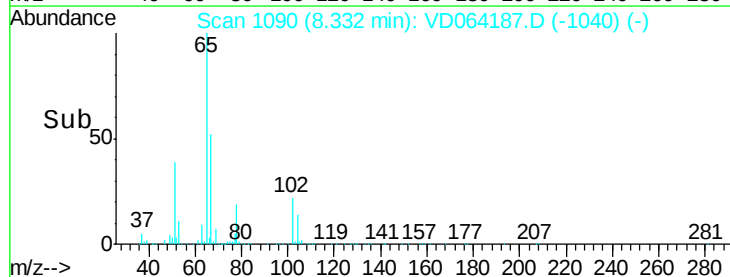
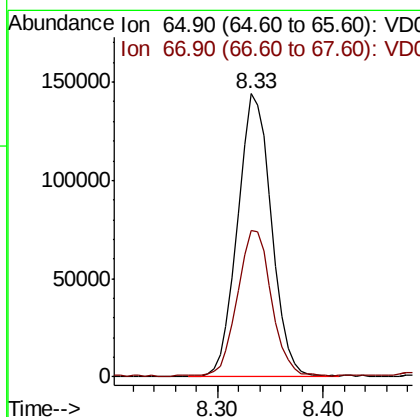
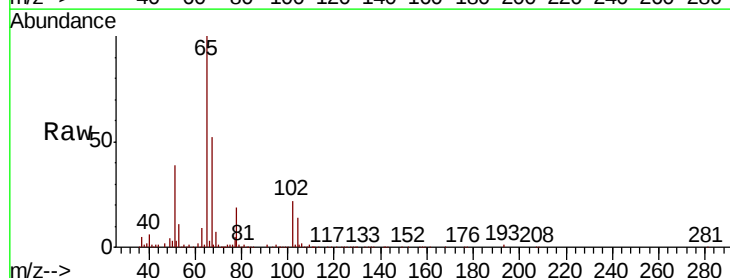
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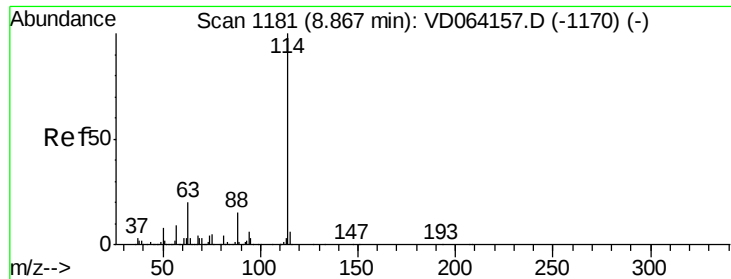
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#33
1,2-Dichloroethane-d4
Concen: 55.268 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion: 65 Resp: 321360
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4





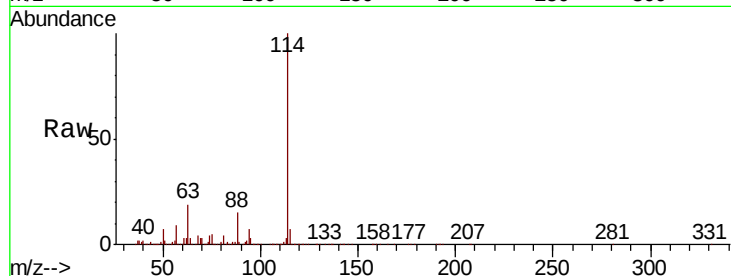
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

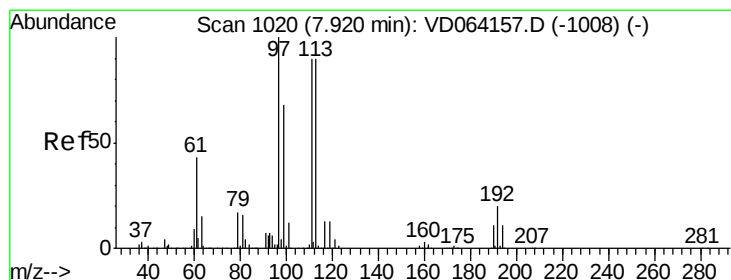
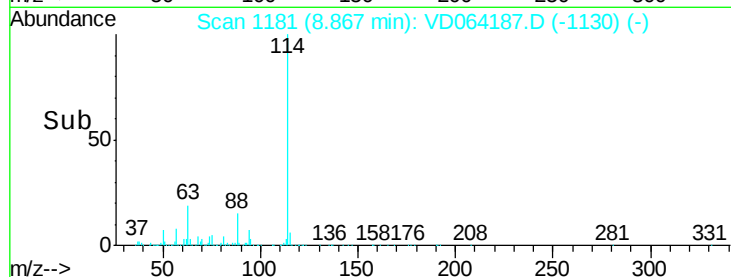
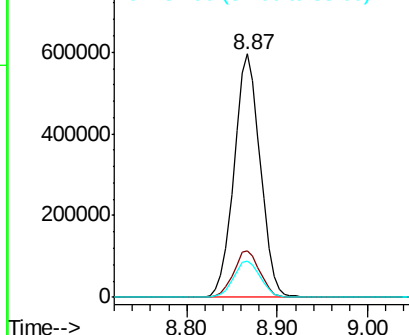
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.1	0.0	30.2

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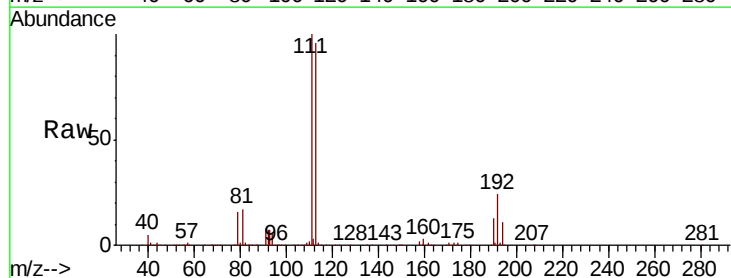


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

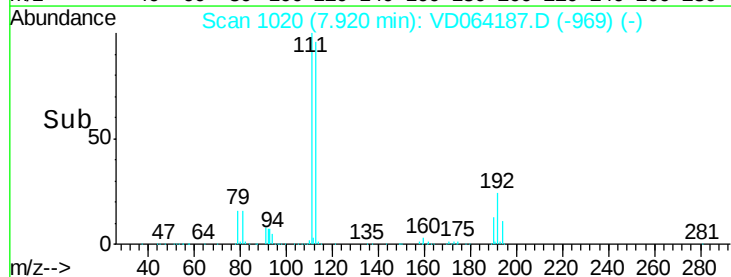
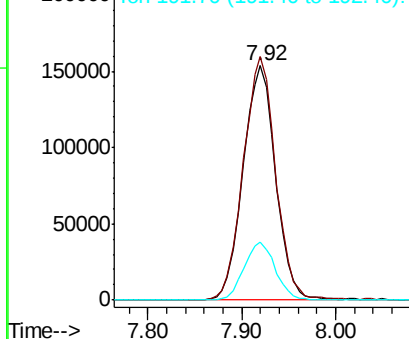


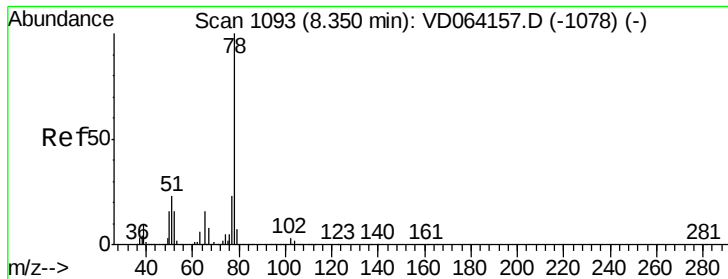
#35
Dibromofluoromethane
Concen: 53.521 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	24.1	18.8	28.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





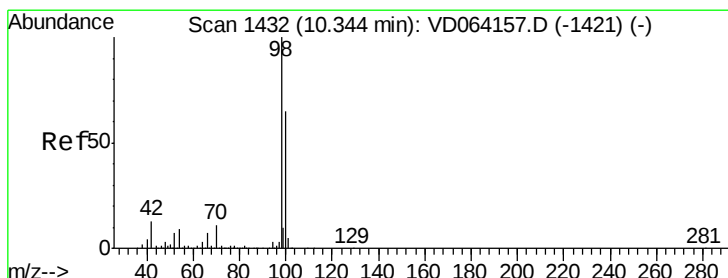
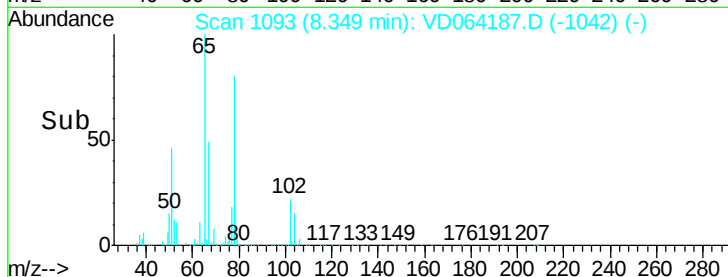
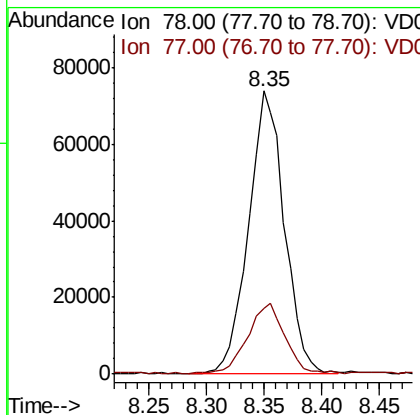
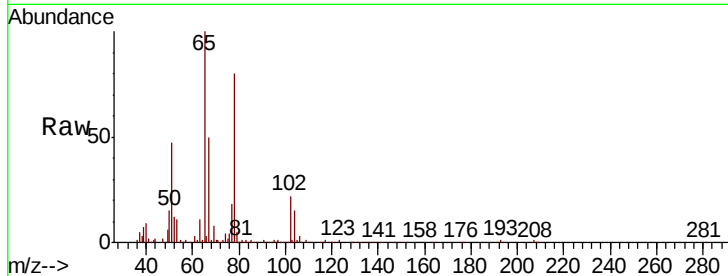
#40
Benzene
Concen: 5.295 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion	Ion	Ratio	Lower	Upper
78	100			
77	22.8	18.6	28.0	

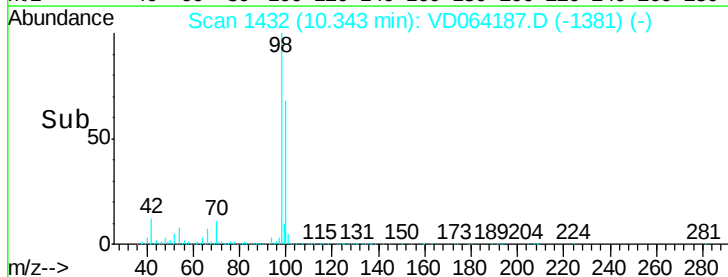
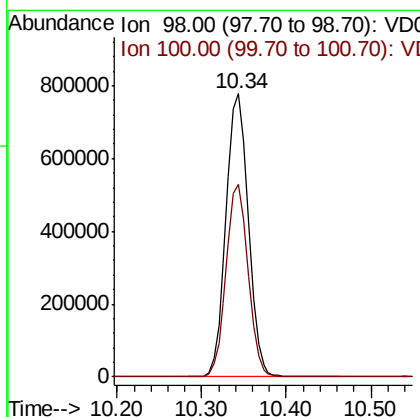
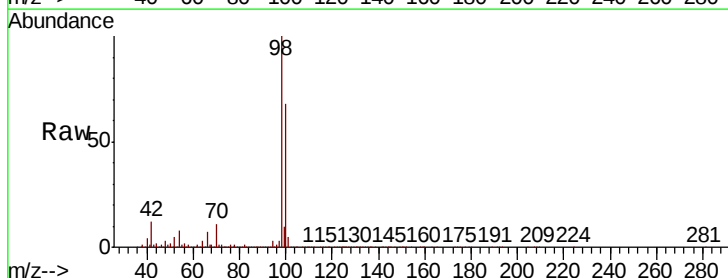
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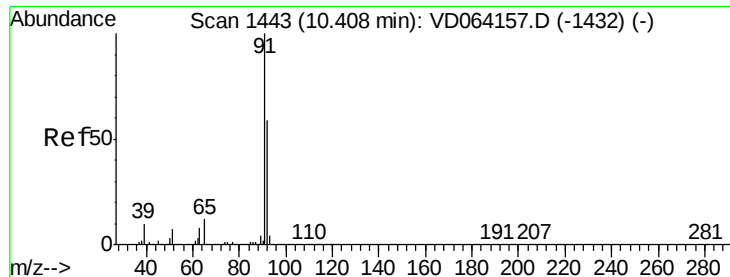
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#50
Toluene-d8
Concen: 54.877 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.8	52.6	78.8	





#52

Toluene

Concen: 1.753 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064187.D

Acq: 11 Nov 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

AOC-7-NORTH-(10)

Tot Ion: 92 Resp: 34762

Ion Ratio Lower Upper

92 100

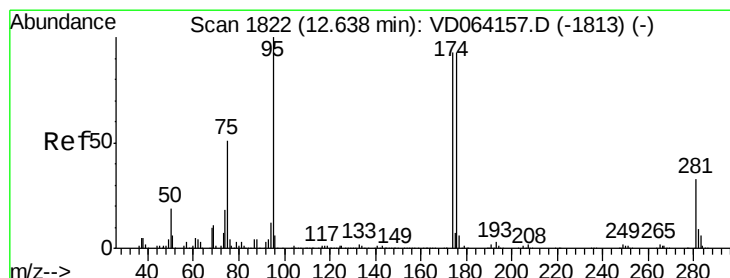
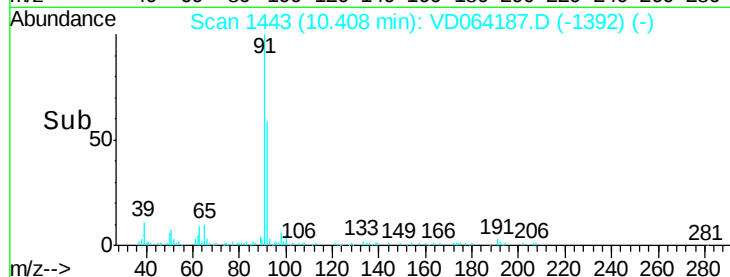
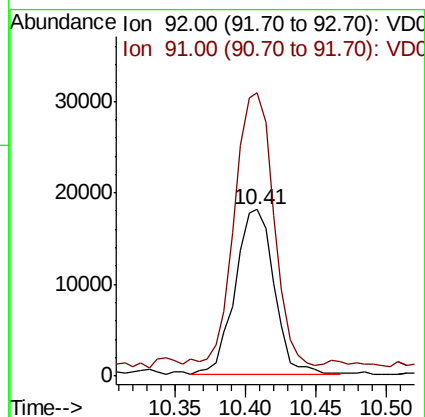
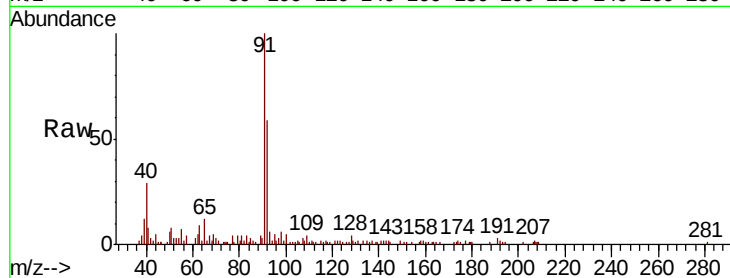
91 167.4 136.4 204.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 58.827 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064187.D

Acq: 11 Nov 2019 19:39

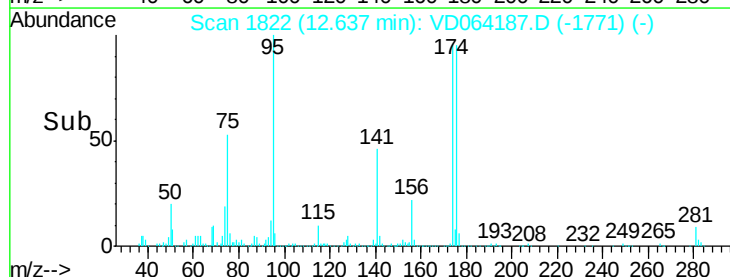
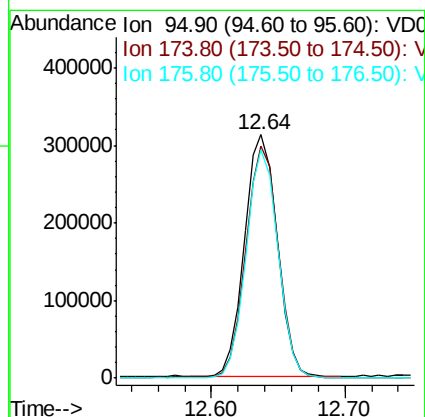
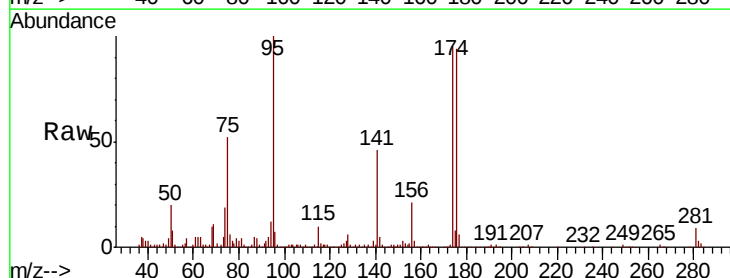
Tgt Ion: 95 Resp: 527306

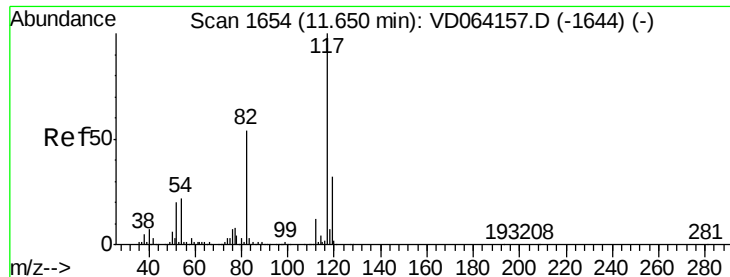
Ion Ratio Lower Upper

95 100

174 94.9 0.0 183.6

176 91.8 0.0 180.2





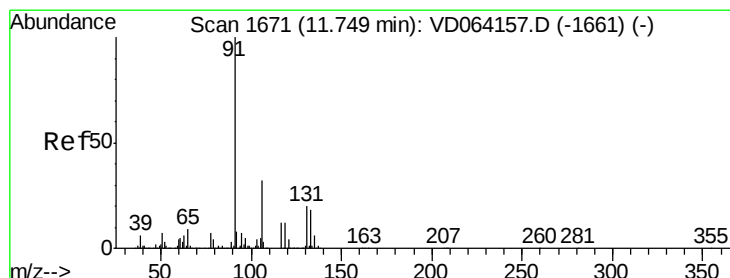
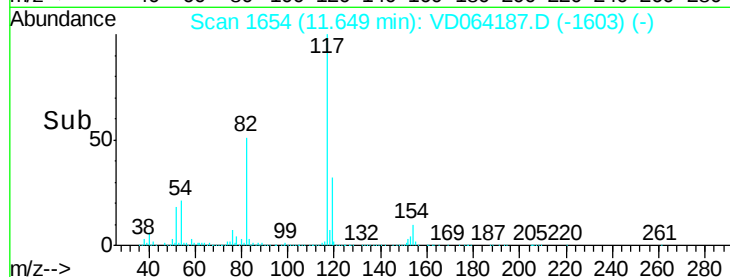
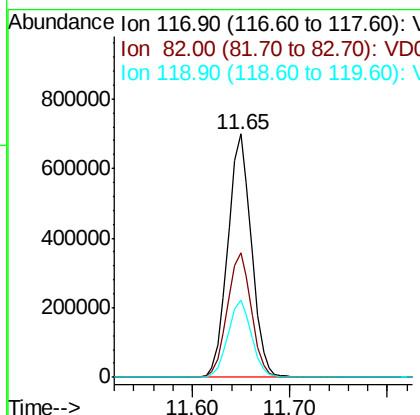
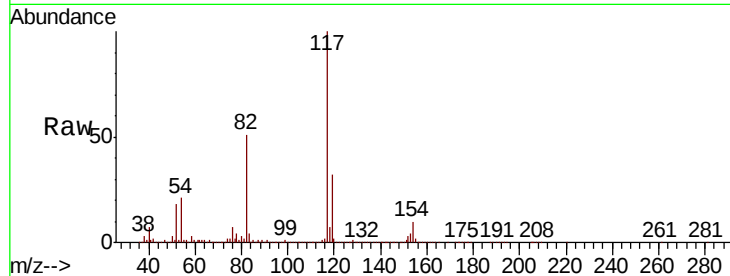
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.8	64.2
119	31.7	25.6	38.4

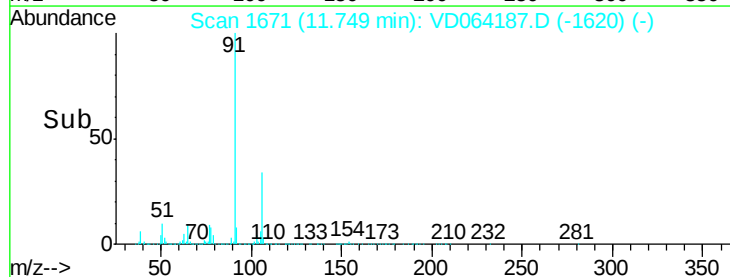
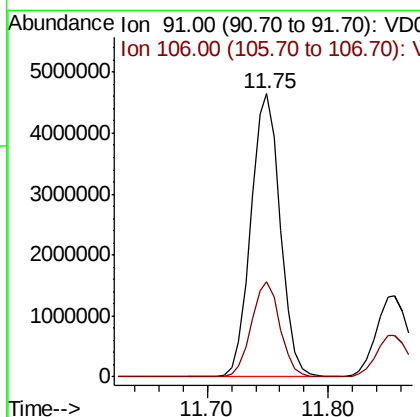
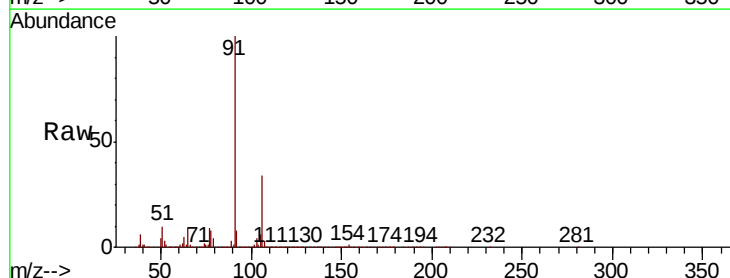
Manual Integrations
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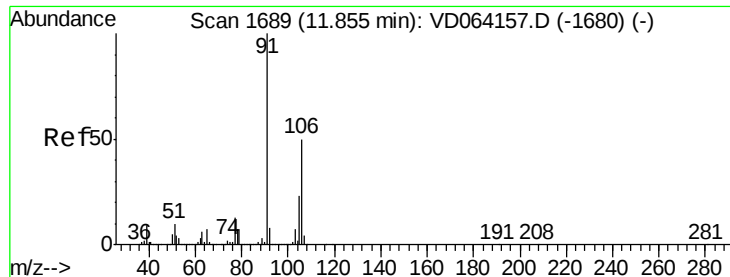
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#67
Ethyl Benzene
Concen: 182.961 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.5	38.3





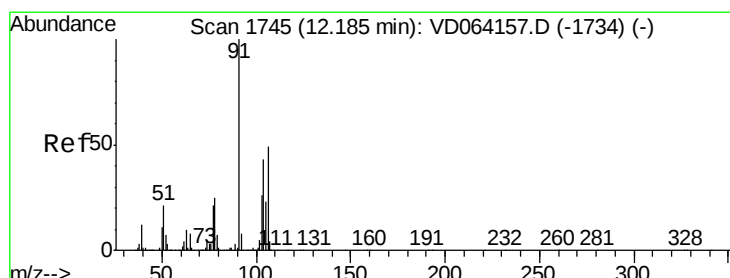
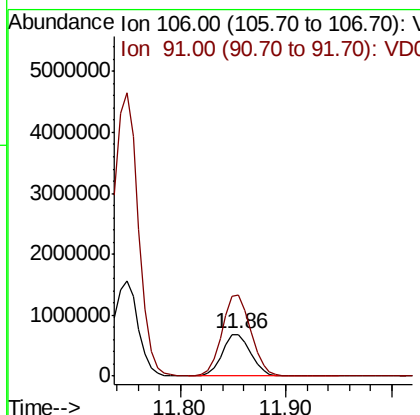
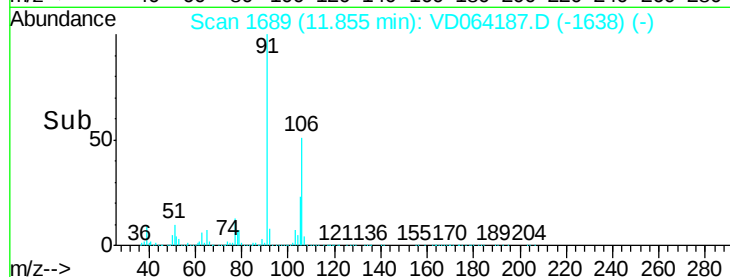
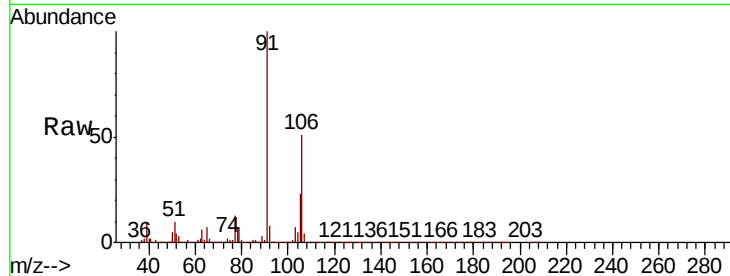
#68
m/p-Xylenes
Concen: 77.104 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion:106 Resp: 1269493
Ion Ratio Lower Upper
106 100
91 197.8 160.3 240.5

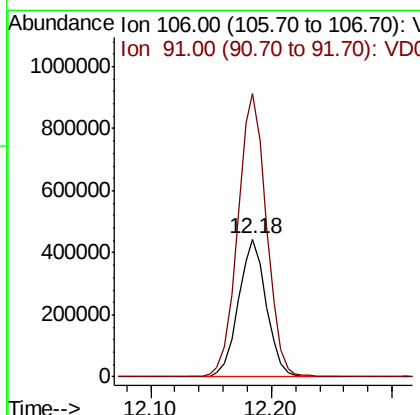
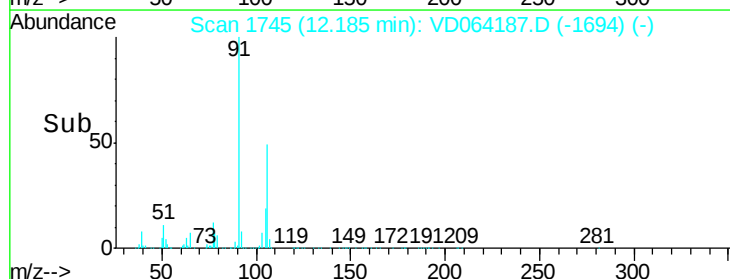
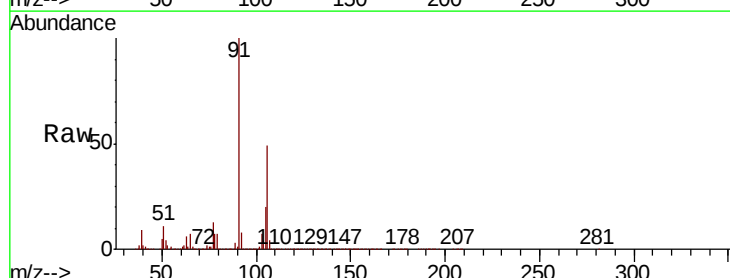
Manual Integrations
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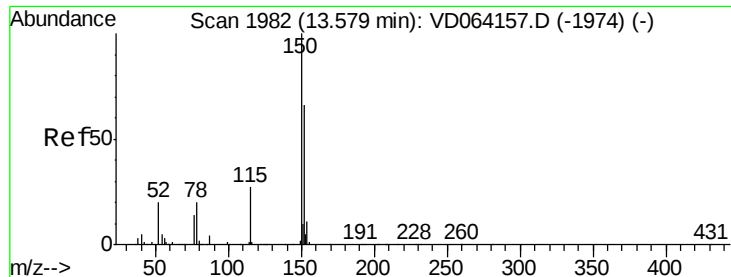
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#69
o-Xylene
Concen: 46.508 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion:106 Resp: 710178
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.3





#72

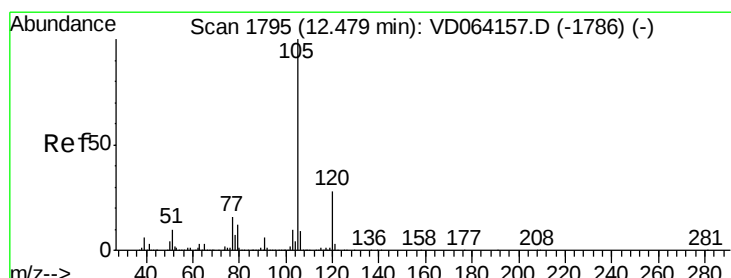
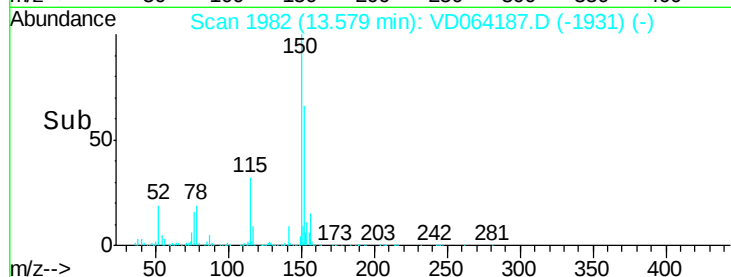
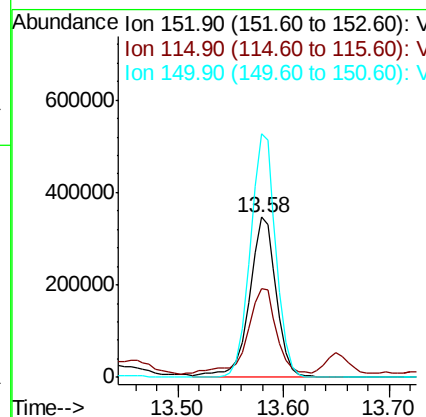
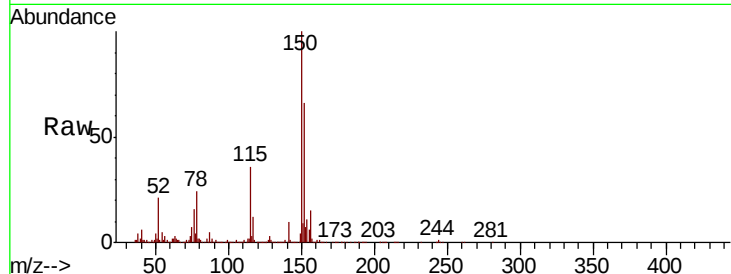
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.4	82.2
150	143.9	0.0	351.6

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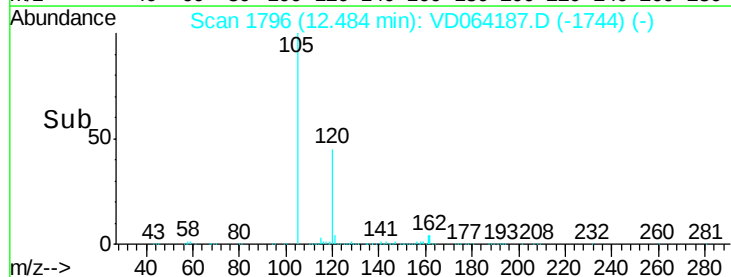
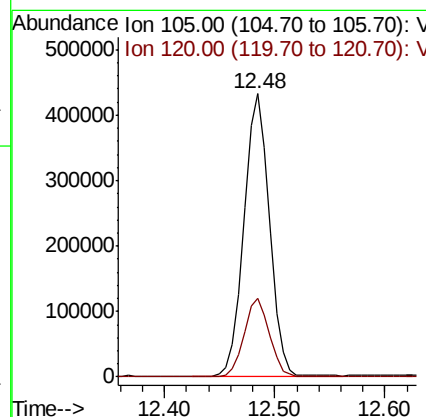
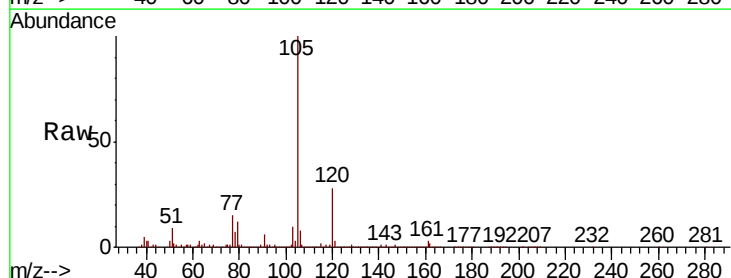
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11/12/2019 10:26:01 AM

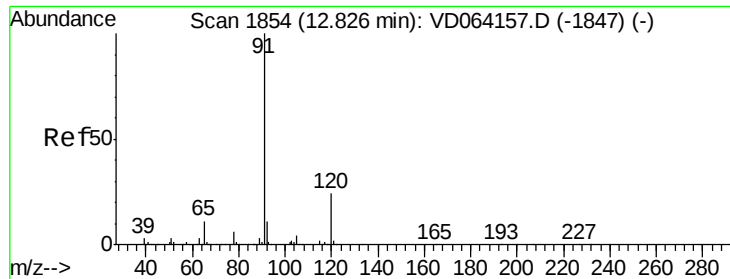


#73

Isopropylbenzene
Concen: 15.689 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8





#78

n-propylbenzene

Concen: 2.194 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064187.D

Acq: 11 Nov 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

AOC-7-NORTH-(10)

Tot Ion: 91 Resp: 112319

Ion Ratio Lower Upper

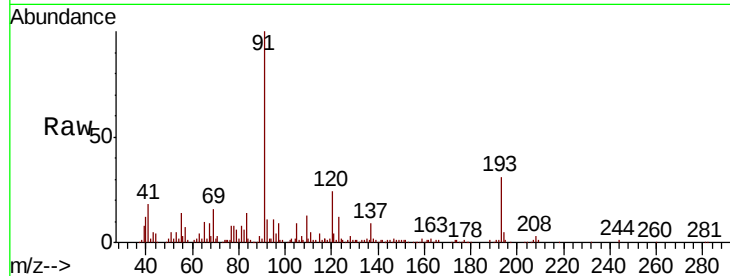
91 100

120 0.0 11.8 35.4#

Manual Integrations
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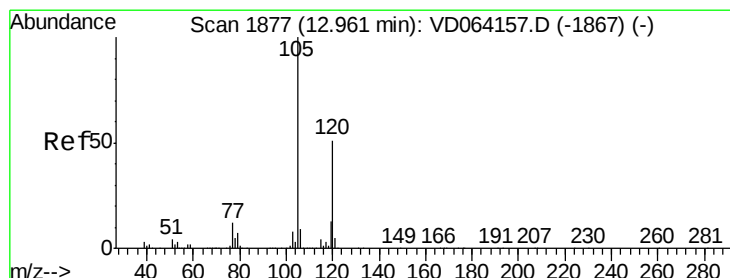
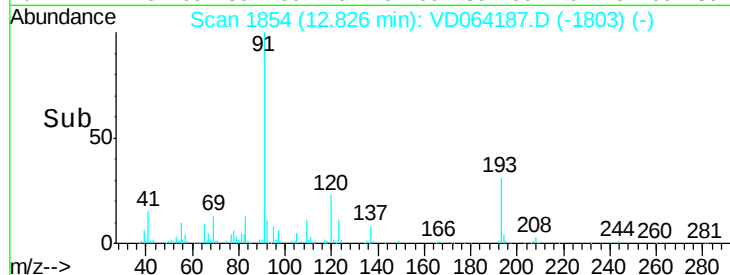
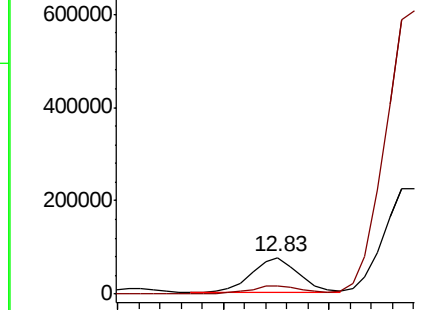
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 9.695 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064187.D

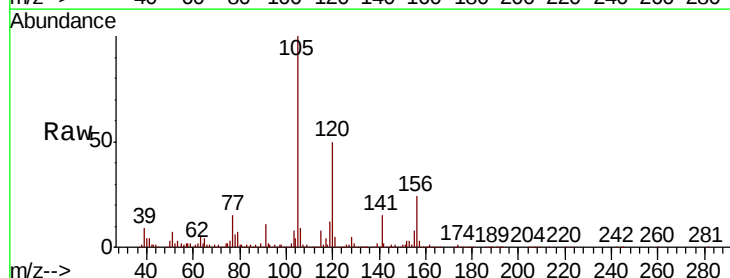
Acq: 11 Nov 2019 19:39

Tgt Ion: 105 Resp: 356993

Ion Ratio Lower Upper

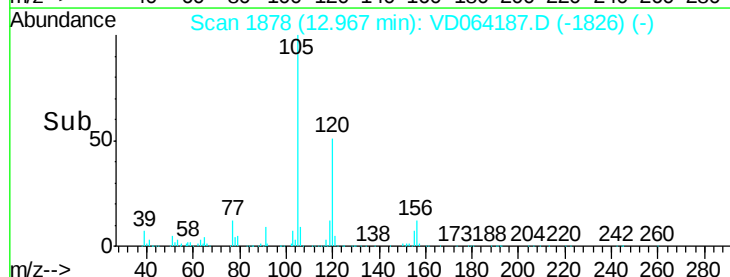
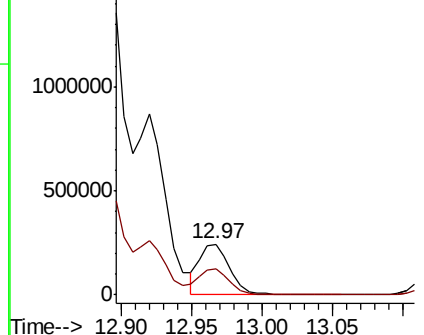
105 100

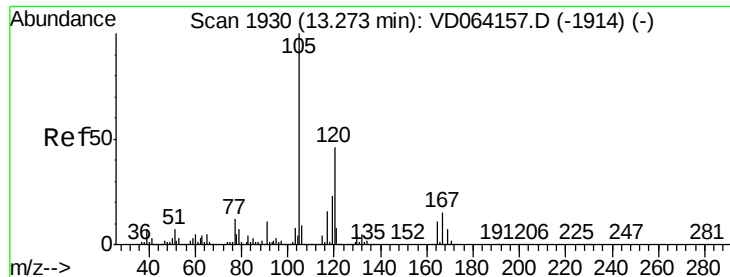
120 53.7 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





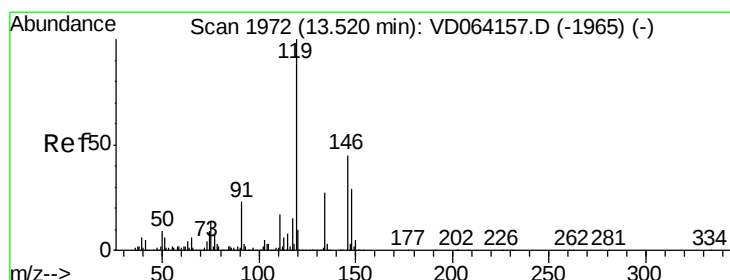
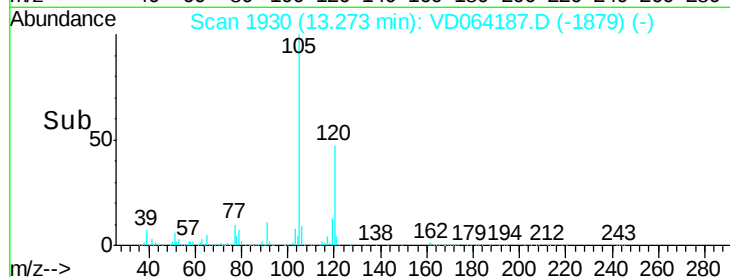
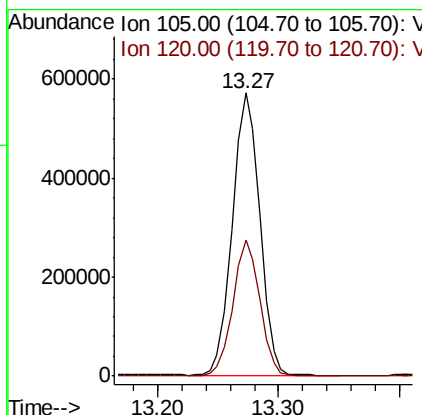
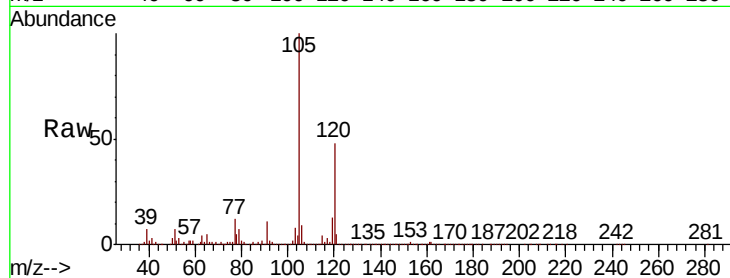
#84
 1,2,4-Trimethylbenzene
 Concen: 24.832 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064187.D
 Acq: 11 Nov 2019 19:39

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-NORTH-(10)

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.3	69.8

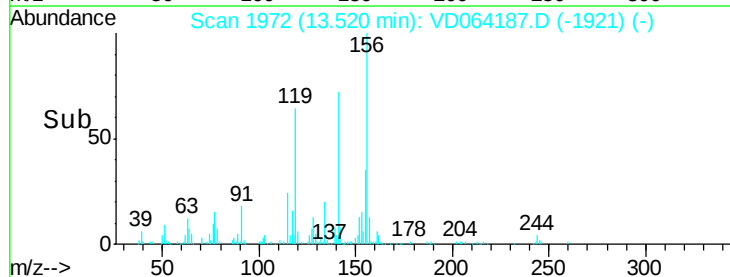
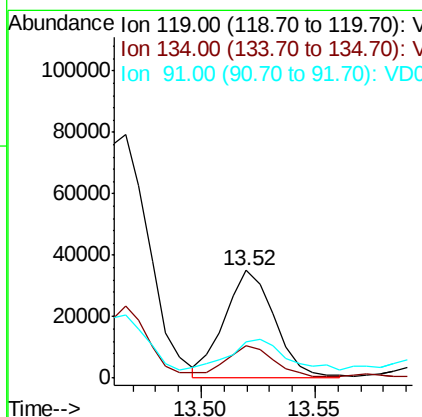
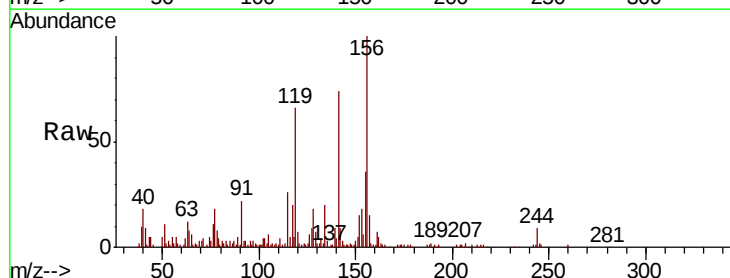
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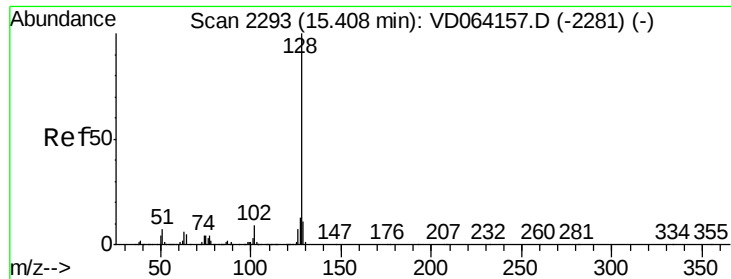
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#86
 p-Isopropyltoluene
 Concen: 1.312 ug/l m
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064187.D
 Acq: 11 Nov 2019 19:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	63.9	13.5	40.5#
91	51.2	11.5	34.4#





#95
Naphthalene
Concen: 311.043 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD064187.D
Acq: 11 Nov 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-NORTH-(10)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
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