

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065108.D
 Acq On : 07 Feb 2020 14:24
 Operator : VA/SY
 Sample : L1432-06
 Misc : 1.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40657

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 5:40:08 PM

Quant Time: Feb 10 02:37:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	470622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	713677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	321819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	210362	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.92	113	227576	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	10.34	98	878734	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.64	95	311855	59.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	33187	33.186	ug/l #	85
25) 2-Butanone	7.23	43	13975	11.715	ug/l	91
52) Toluene	10.41	92	18037	1.471	ug/l	100
67) Ethyl Benzene	11.75	91	35636	1.421	ug/l	100
68) m/p-Xylenes	11.86	106	51112	5.340	ug/l	98
69) o-Xylene	12.18	106	31555	3.661	ug/l	96
78) n-propylbenzene	12.83	91	44067	1.704	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	56971	3.153	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	200979	11.203	ug/l	99
89) n-Butylbenzene	13.86	91	27657m	1.515	ug/l	
95) Naphthalene	15.42	128	21394	2.110	ug/l #	88

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

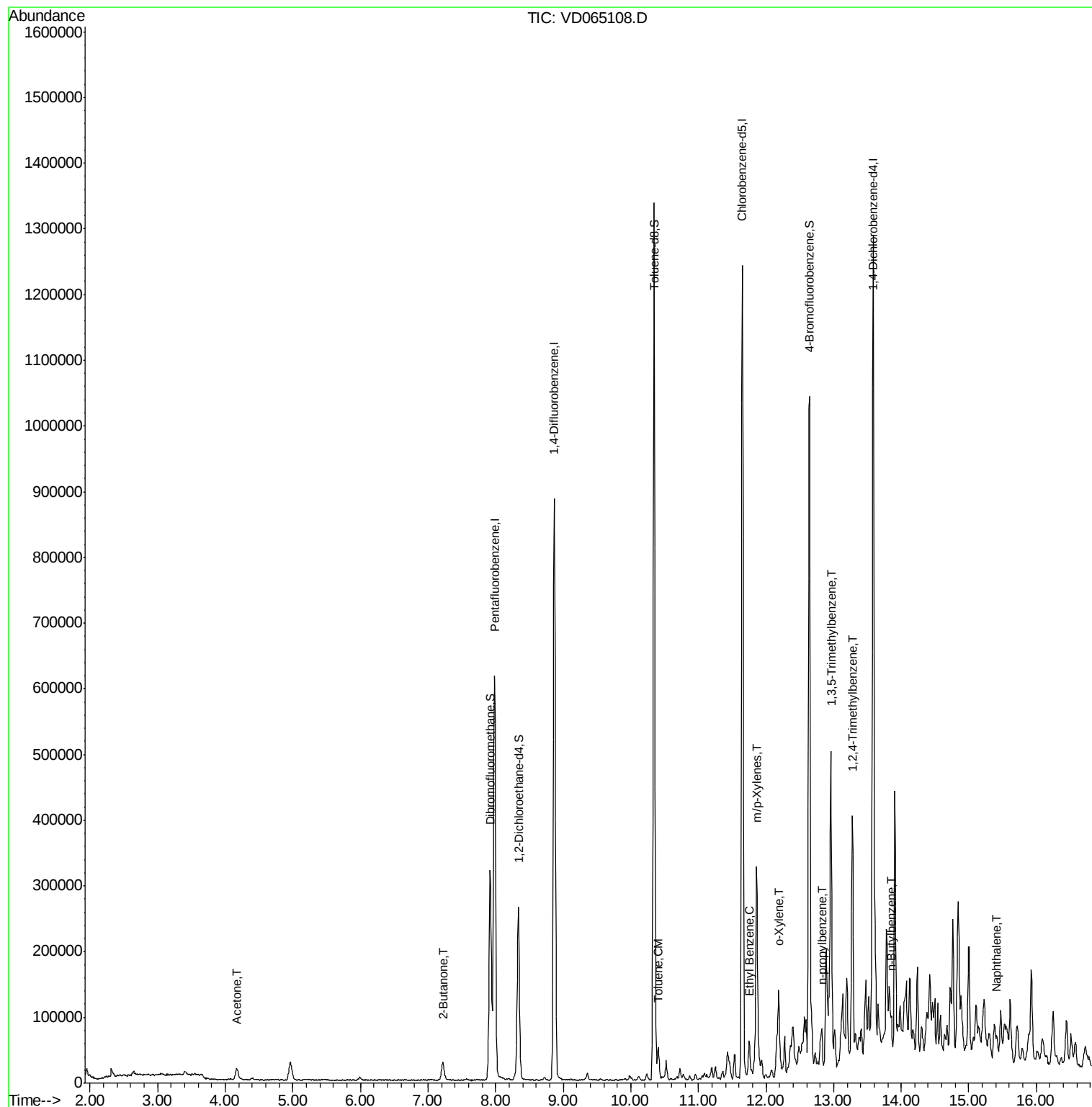
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
Data File : VD065108.D
Acq On : 07 Feb 2020 14:24
Operator : VA/SY
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Quant Time: Feb 10 02:37:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065108.D

Acq: 07 Feb 2020 14:24

Instrument :

MSVOA_D

ClientSampled :

40657

Tot Ion:168 Resp: 470622

Ion Ratio Lower Upper

168 100

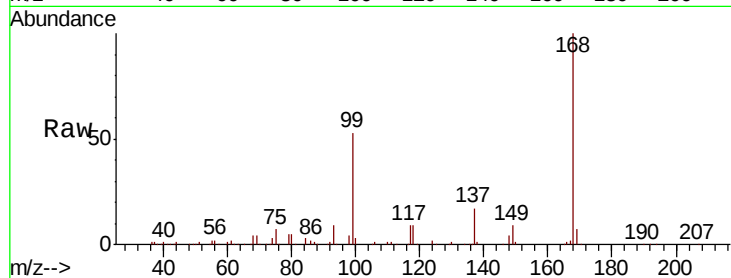
99 52.5 41.0 61.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

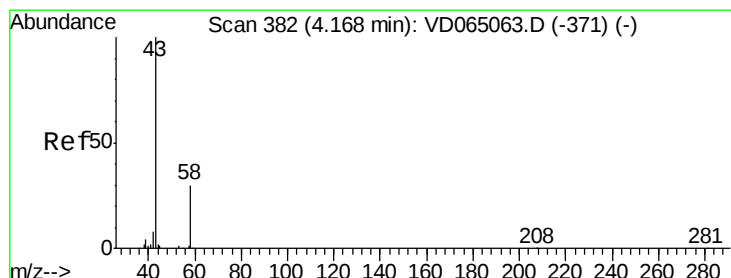
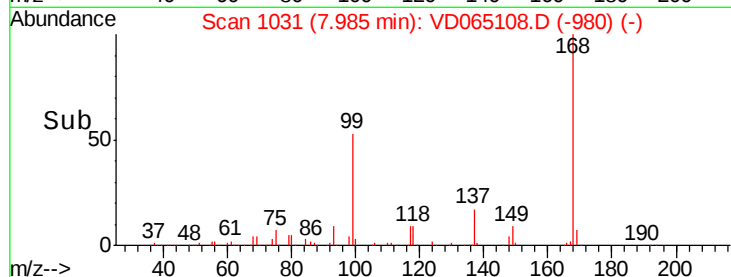
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 33.186 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065108.D

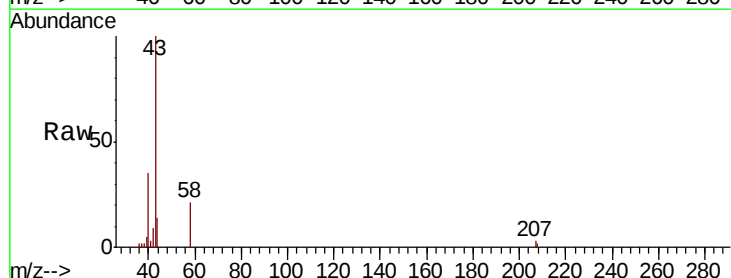
Acq: 07 Feb 2020 14:24

Tgt Ion: 43 Resp: 33187

Ion Ratio Lower Upper

43 100

58 21.1 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

12000

10000

8000

6000

4000

2000

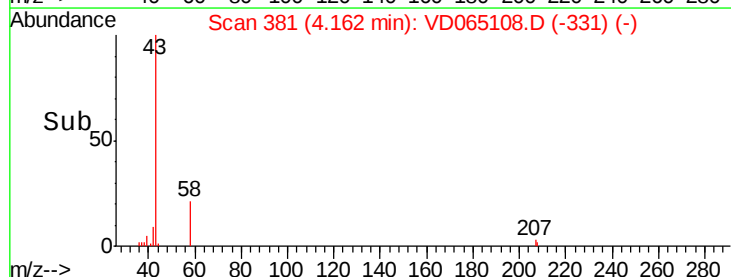
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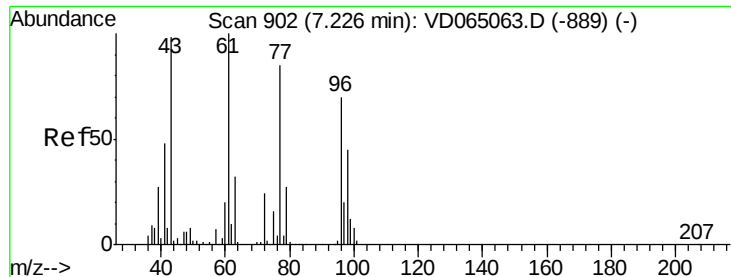
4.10

4.20

4.30

Time-->





#25

2-Butanone

Concen: 11.715 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD065108.D

Acq: 07 Feb 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

40657

Tot Ion: 43 Resp: 13975

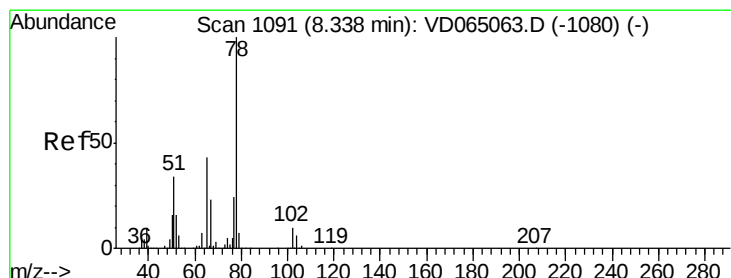
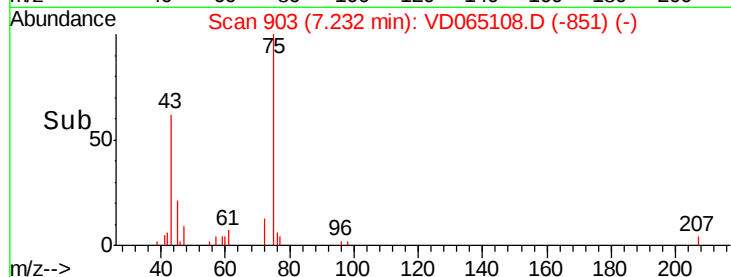
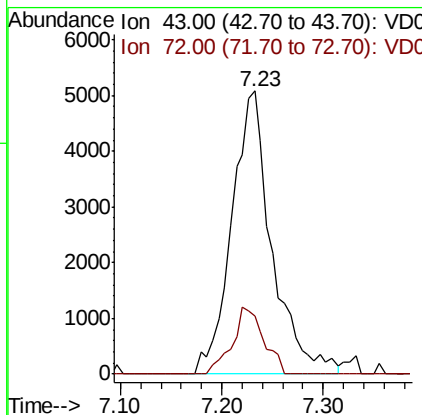
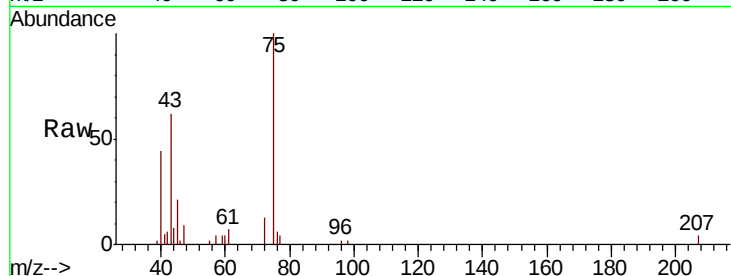
Ion Ratio Lower Upper

43 100

72 20.6 19.9 29.9

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#33

1,2-Dichloroethane-d4

Concen: 52.592 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065108.D

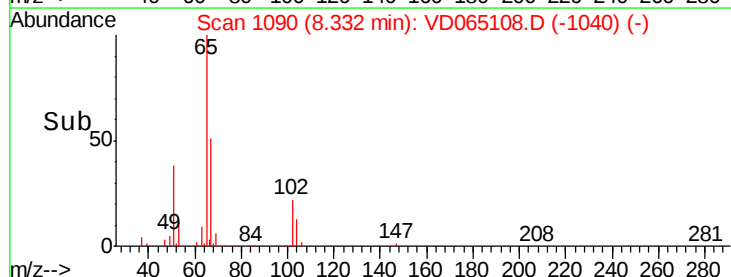
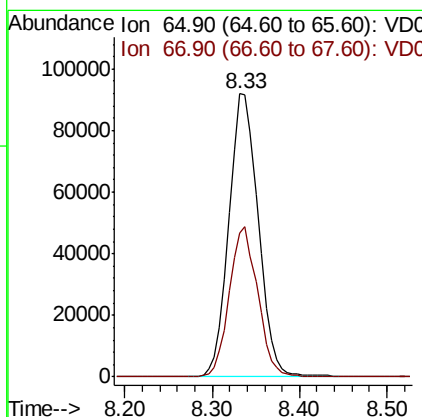
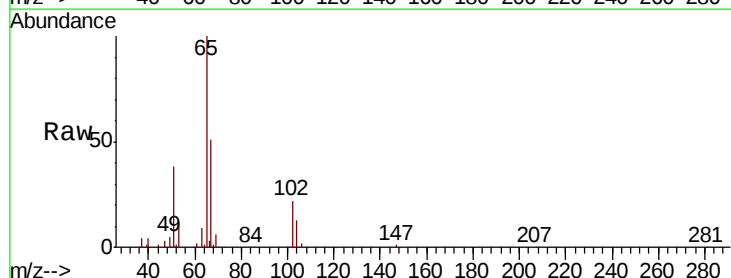
Acq: 07 Feb 2020 14:24

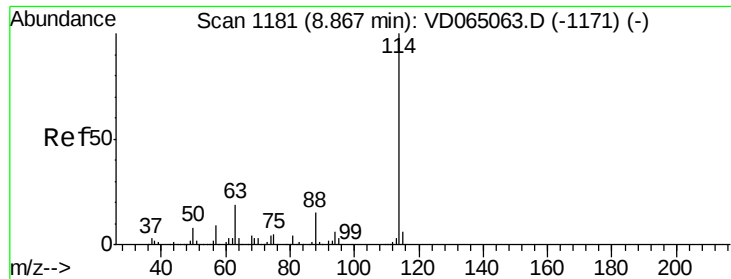
Tgt Ion: 65 Resp: 210362

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.8





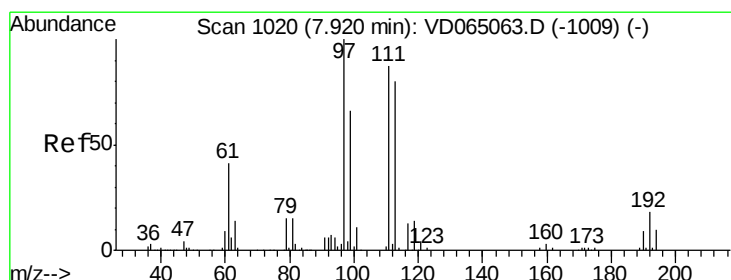
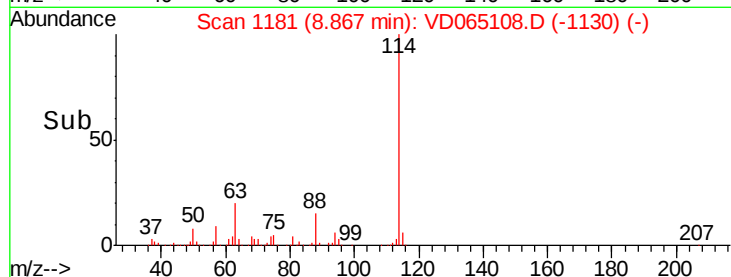
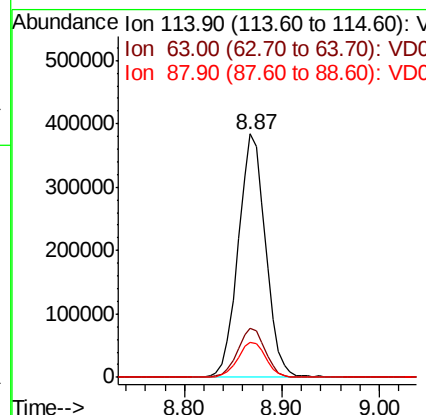
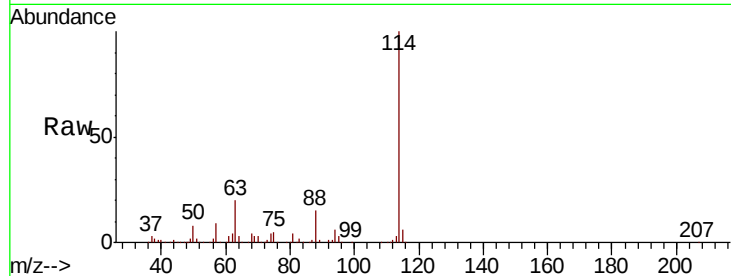
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40657

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	38.8
88	14.6	0.0	29.6

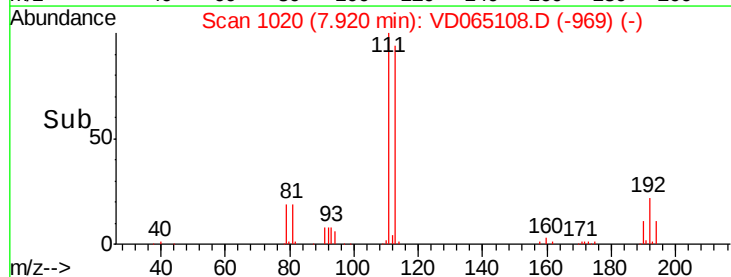
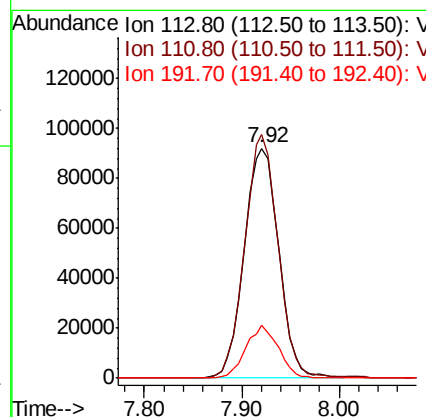
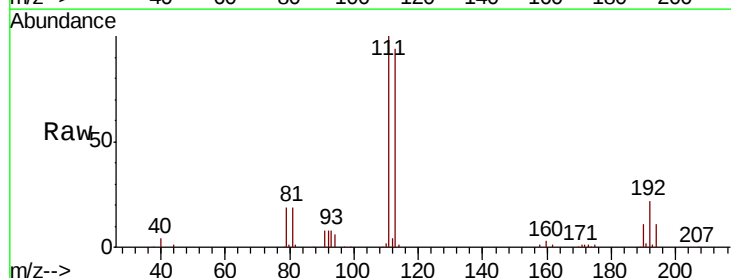
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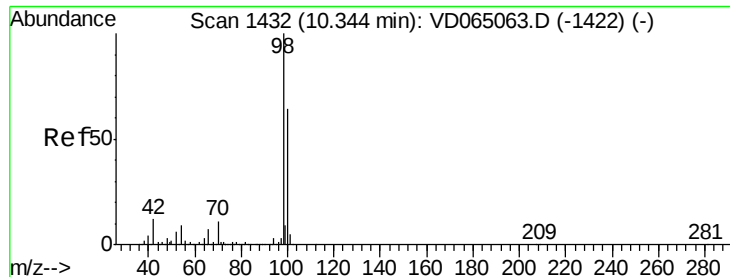
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#35
Dibromofluoromethane
Concen: 54.501 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	83.1	124.7
192	21.6	18.1	27.1





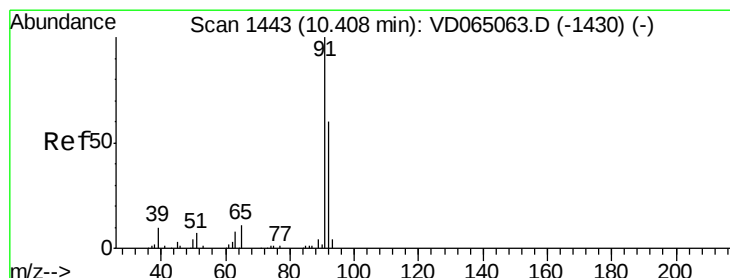
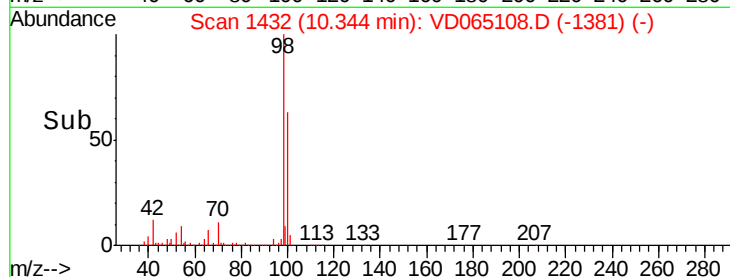
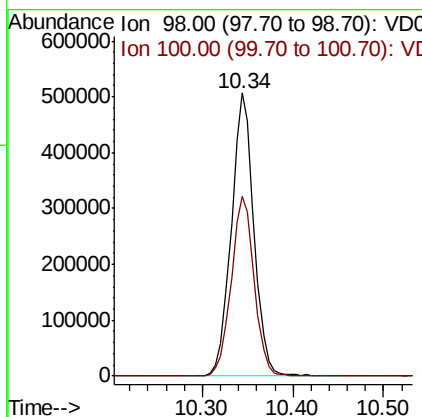
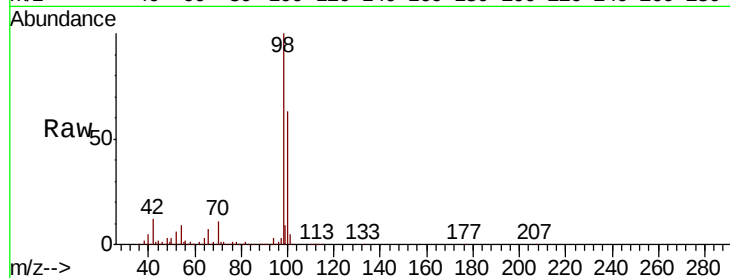
#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40657

Tot Ion: 98 Resp: 878734
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

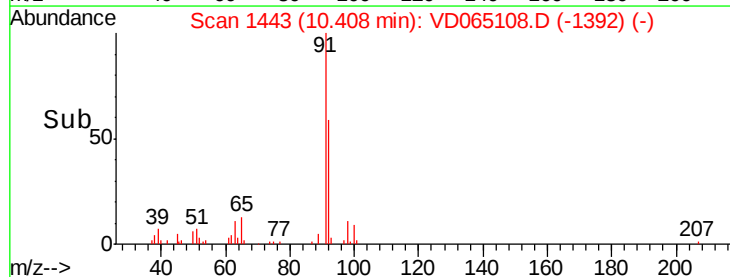
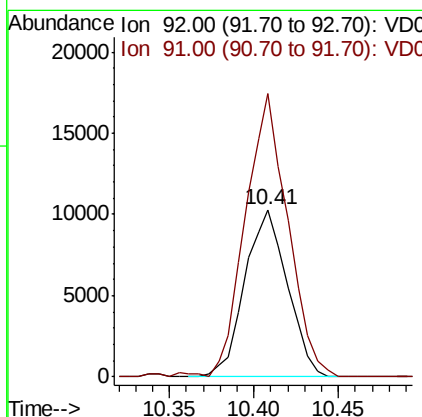
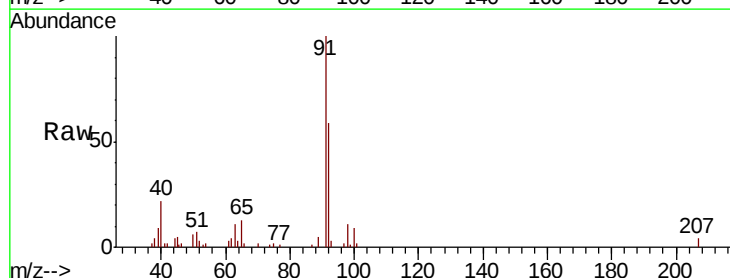
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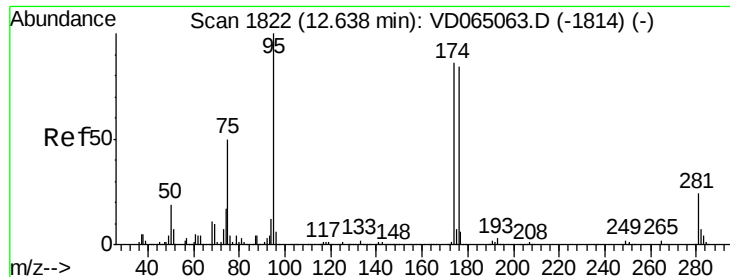
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#52
Toluene
Concen: 1.471 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Tgt Ion: 92 Resp: 18037
Ion Ratio Lower Upper
92 100
91 169.5 135.3 202.9





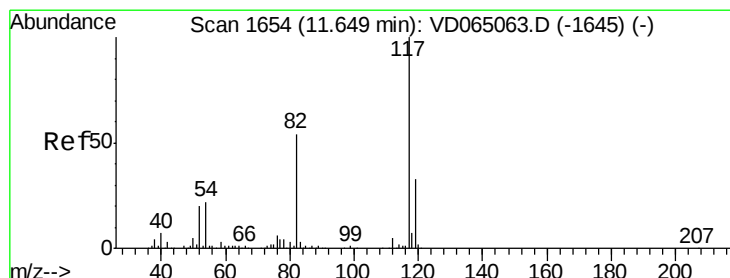
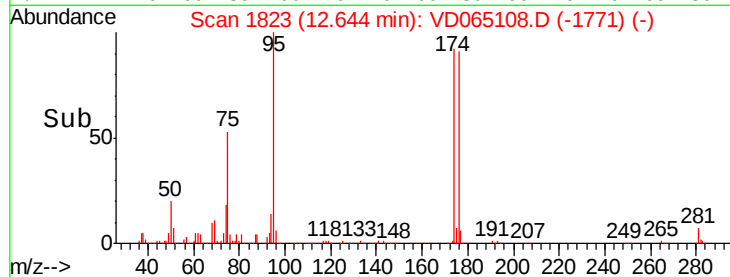
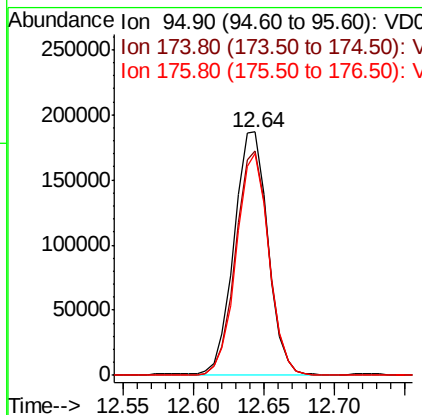
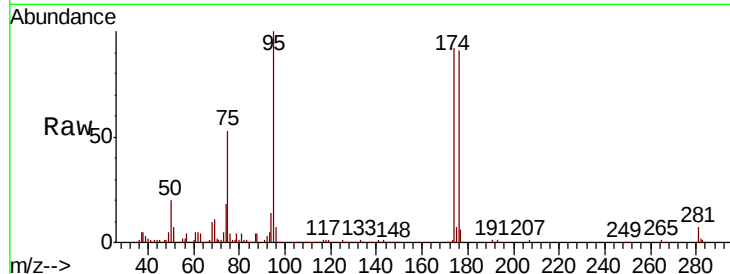
#62
4-Bromofluorobenzene
Concen: 59.217 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleID :
40657

Tot Ion	Ratio	Resp	Lower	Upper
95	100	311855		
174	90.6	0.0	180.0	
176	88.0	0.0	173.2	

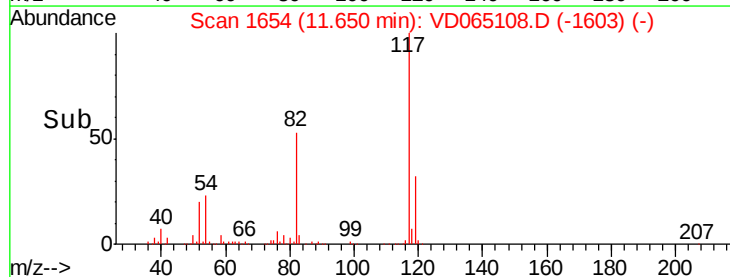
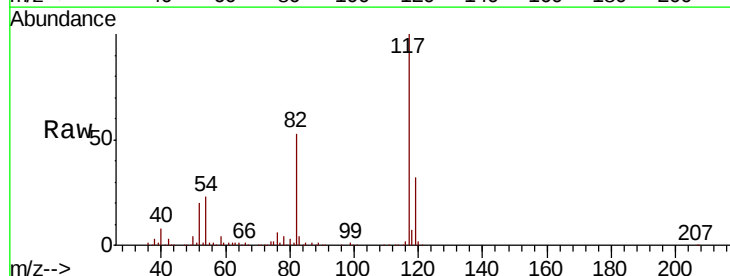
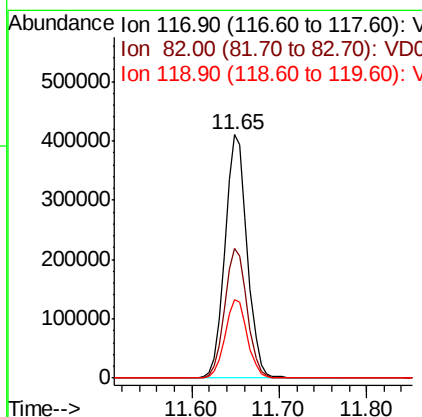
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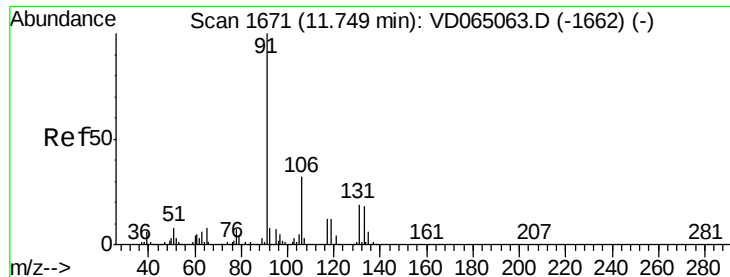
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	713677		
82	53.4	43.1	64.7	
119	32.1	26.0	39.0	





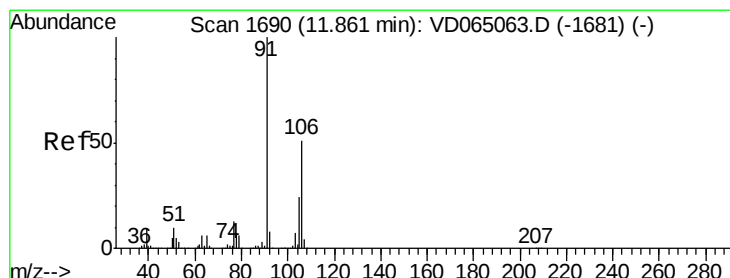
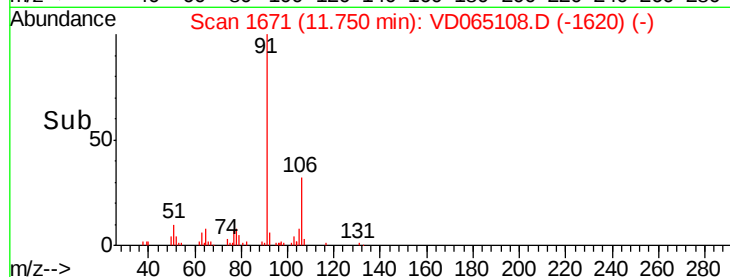
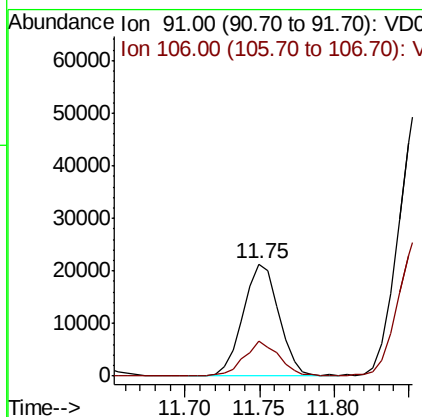
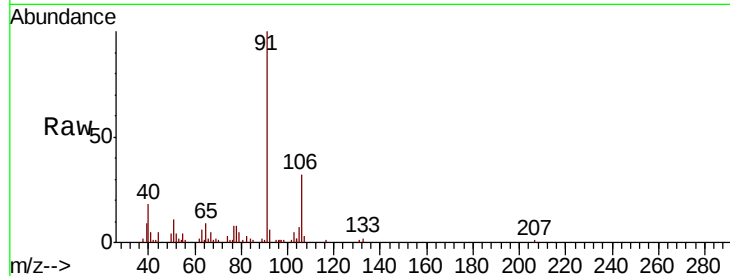
#67
Ethyl Benzene
Concen: 1.421 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleID :
40657

Tot Ion: 91 Resp: 35636
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

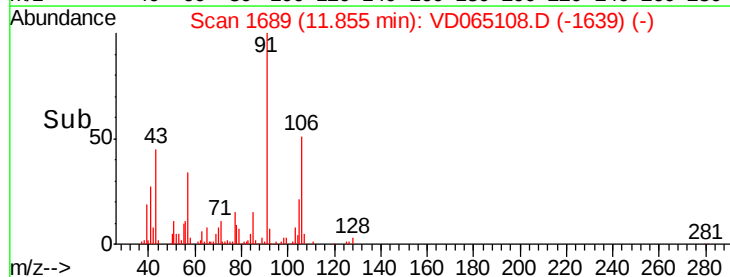
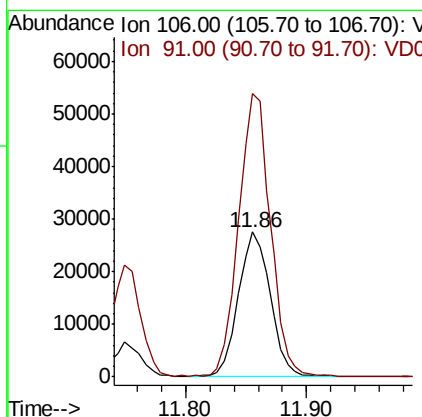
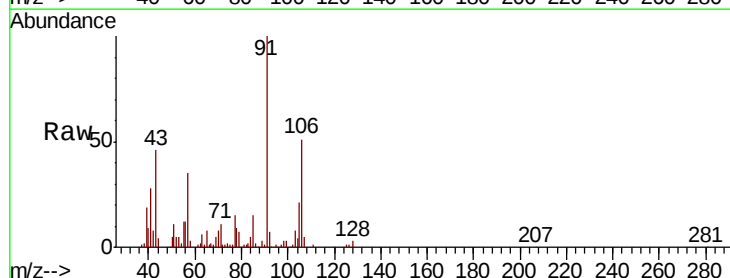
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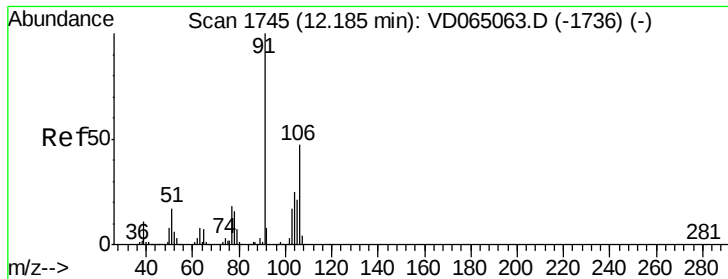
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#68
m/p-Xylenes
Concen: 5.340 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Tgt Ion: 106 Resp: 51112
Ion Ratio Lower Upper
106 100
91 195.0 158.9 238.3





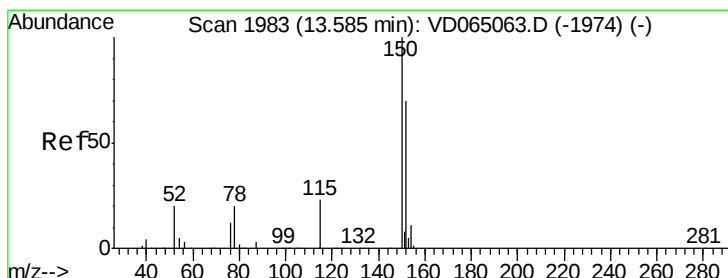
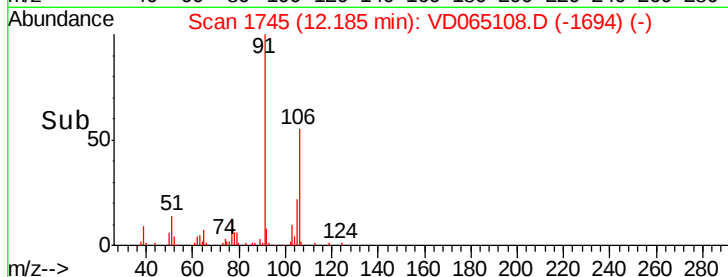
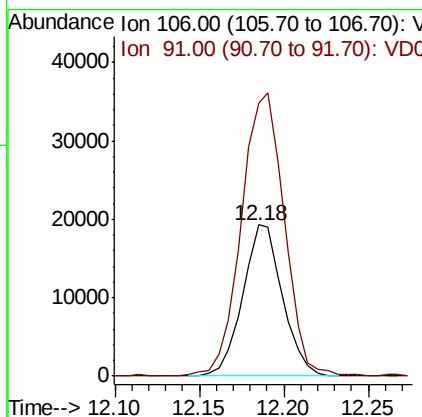
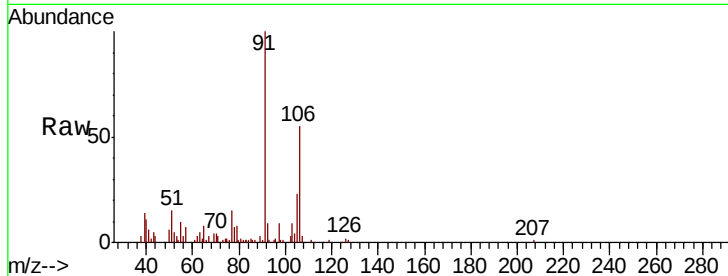
#69
o-Xylene
Concen: 3.661 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40657

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.6	104.7	313.9

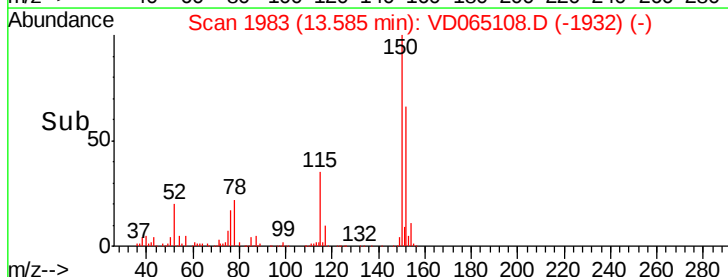
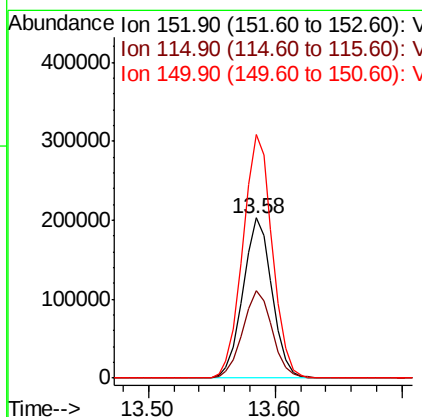
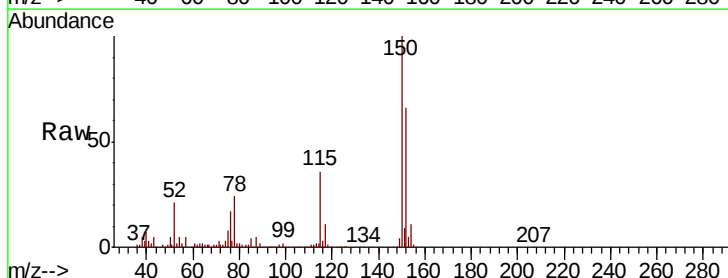
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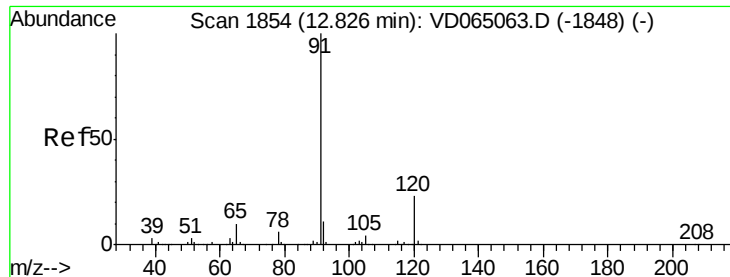
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.5	82.4
150	154.4	0.0	343.2





#78

n-propylbenzene

Concen: 1.704 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065108.D

Acq: 07 Feb 2020 14:24

Instrument :

MSVOA_D

ClientSampleId :

40657

Tot Ion: 91 Resp: 44067

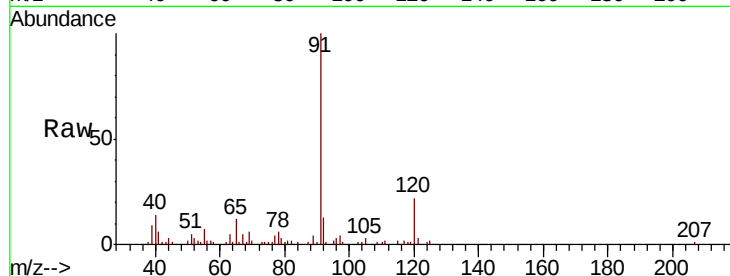
Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VD065108.D (-1803) (-)

Ion 120.00 (119.70 to 120.70): VD065108.D (-1803) (-)

12.83

25000

20000

15000

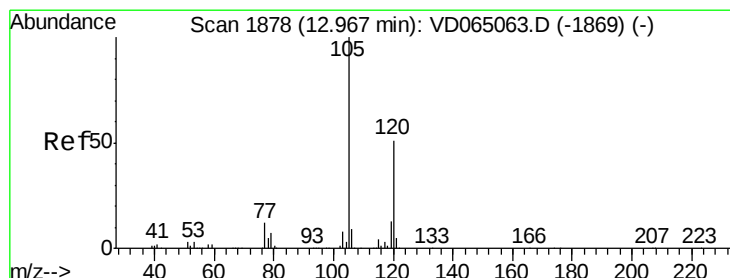
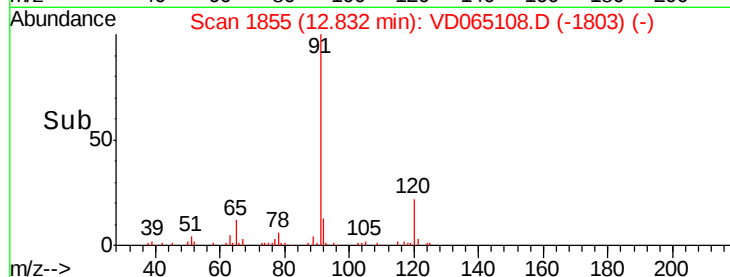
10000

5000

0

Time-->

12.75 12.80 12.85



#80

1,3,5-Trimethylbenzene

Concen: 3.153 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065108.D

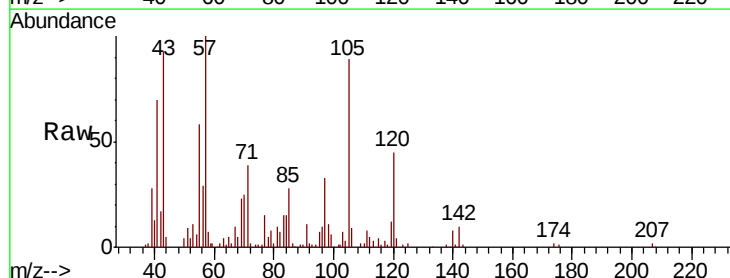
Acq: 07 Feb 2020 14:24

Tgt Ion:105 Resp: 56971

Ion Ratio Lower Upper

105 100

120 47.8 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VD065108.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065108.D (-1827) (-)

12.97

40000

30000

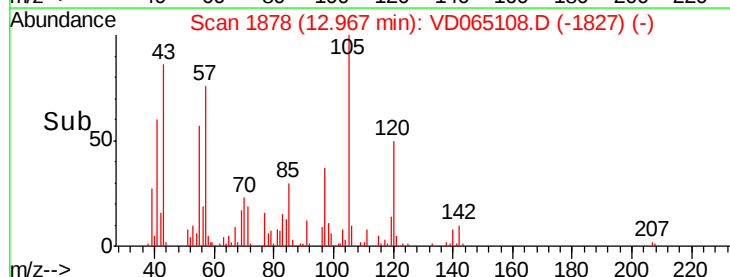
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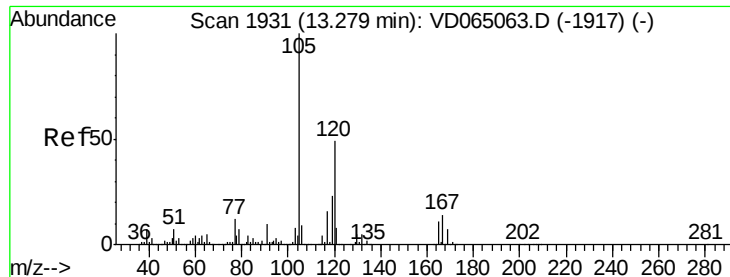
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0

Time-->

12.95 13.00 13.05





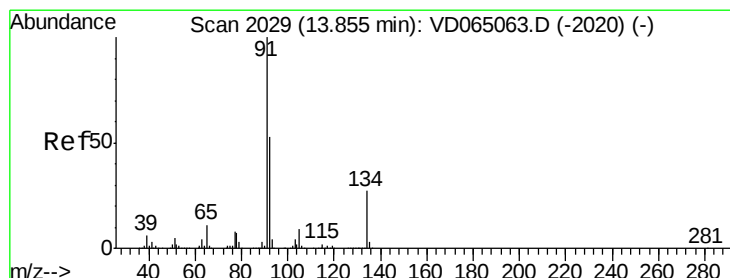
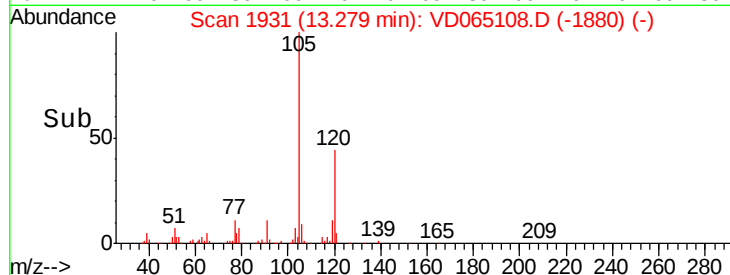
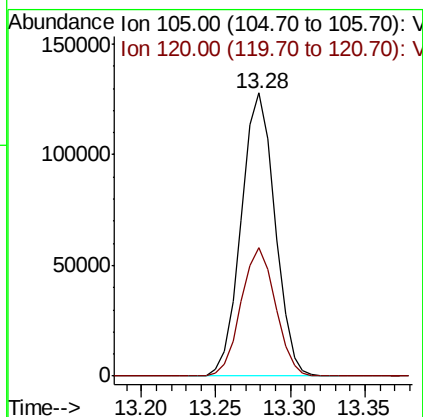
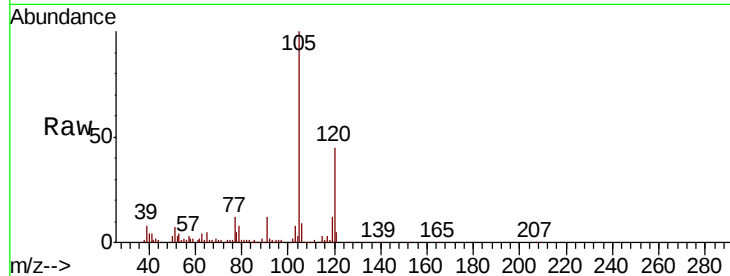
#84
 1,2,4-Trimethylbenzene
 Concen: 11.203 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065108.D
 Acq: 07 Feb 2020 14:24

Instrument :
 MSVOA_D
 ClientSampled :
 40657

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.5	70.5

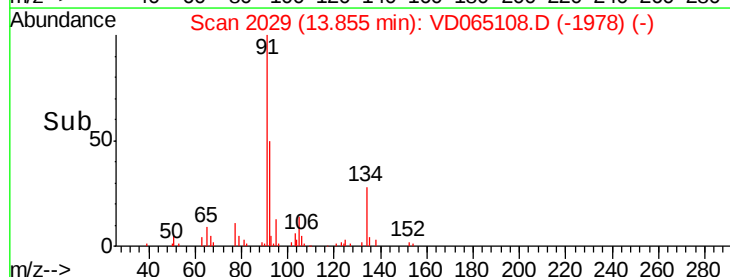
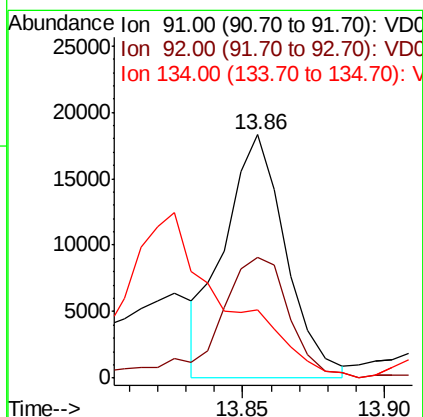
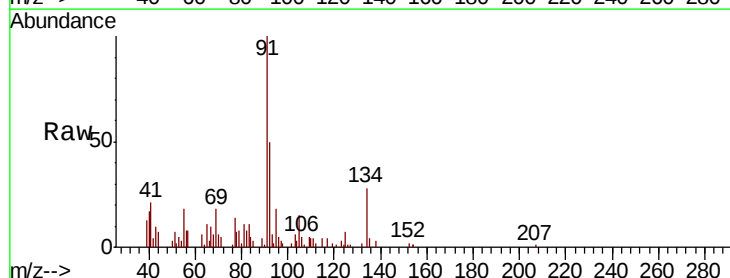
Manual Integrations
 APPROVED

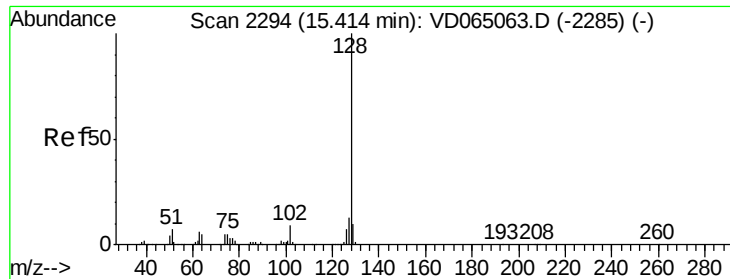
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#89
 n-Butylbenzene
 Concen: 1.515 ug/l m
 RT: 13.86 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: VD065108.D
 Acq: 07 Feb 2020 14:24

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.9	26.7	80.1
134	0.0	13.4	40.2#





#95
Naphthalene
Concen: 2.110 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD065108.D
Acq: 07 Feb 2020 14:24

Instrument :
MSVOA_D
ClientSampleId :
40657

Tot Ion	Ratio	Lower	Upper
128	100		
127	21.2	10.6	15.8#
129	10.0	8.7	13.1

Manual Integrations
APPROVED

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