

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066670.D
 Acq On : 14 Sep 2020 13:48
 Operator : VA/SY
 Sample : L3928-04
 Misc : 6.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-12.5-13.0

Manual Integrations
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 9/15/2020 2:27:53 PM

Quant Time: Sep 15 04:58:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	380784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	699626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	659754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	244911	53.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.32%	
35) Dibromofluoromethane	7.91	113	233425	49.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.92%	
50) Toluene-d8	10.34	98	886751	52.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.63	95	350956	62.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	125.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	13187m	15.556	ug/l	
20) Methylene Chloride	4.96	84	57321	6.673	ug/l	89
39) Methylcyclohexane	9.36	83	92749	11.408	ug/l	97
67) Ethyl Benzene	11.74	91	27753	1.110	ug/l	94
73) Isopropylbenzene	12.48	105	42213	1.808	ug/l	99
78) n-propylbenzene	12.82	91	70198	2.481	ug/l	93
80) 1,3,5-Trimethylbenzene	12.96	105	311698	15.864	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	475816	24.323	ug/l	99
85) sec-Butylbenzene	13.41	105	193025	8.350	ug/l	93
86) p-Isopropyltoluene	13.52	119	228452	10.980	ug/l	97

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

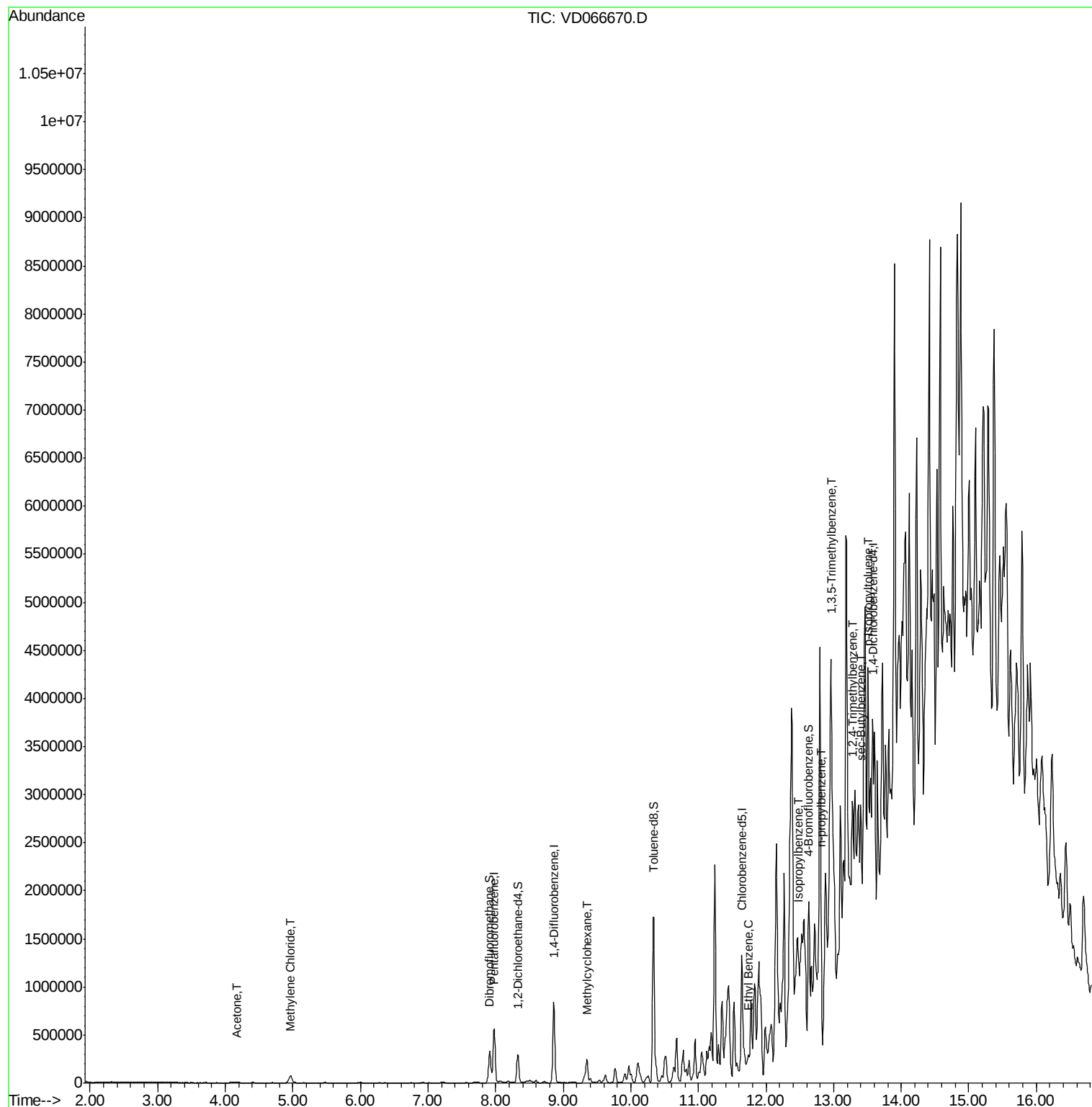
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066670.D
Acq On : 14 Sep 2020 13:48
Operator : VA/SY
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3-12.5-13.0

Manual Integrations
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Quant Time: Sep 15 04:58:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

Instrument :

MSVOA_D

ClientSampleId :

SB-3-12.5-13.0

Tot Ion:168 Resp: 380784

Ion Ratio Lower Upper

168 100

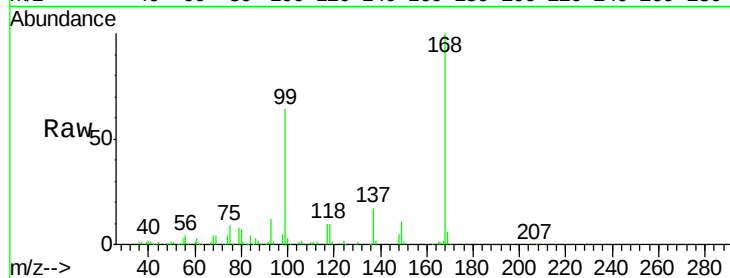
99 64.0 50.5 75.7

Manual Integrations

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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

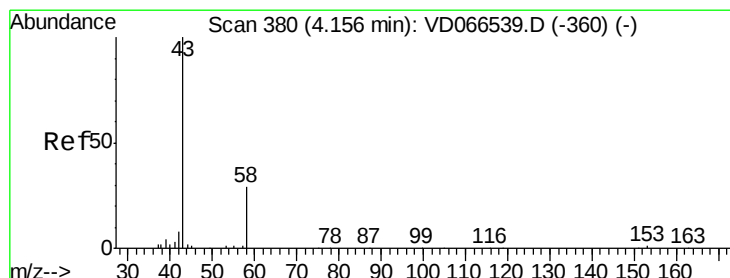
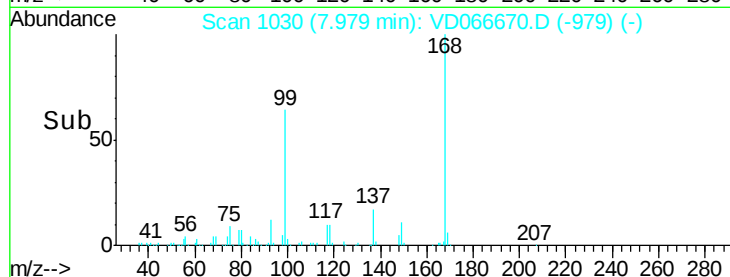
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.556 ug/l m

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066670.D

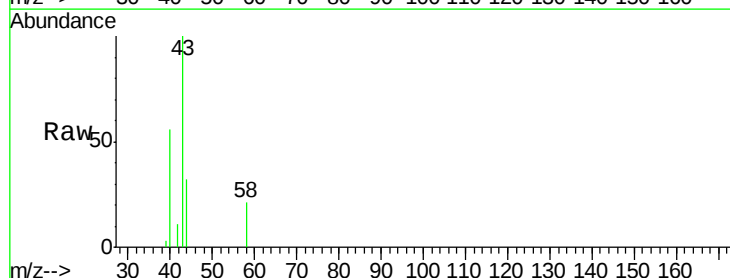
Acq: 14 Sep 2020 13:48

Tgt Ion: 43 Resp: 13187

Ion Ratio Lower Upper

43 100

58 20.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

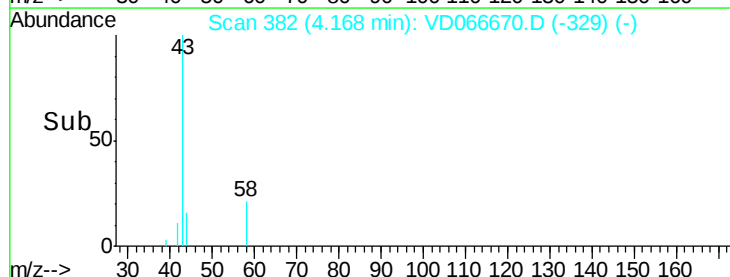
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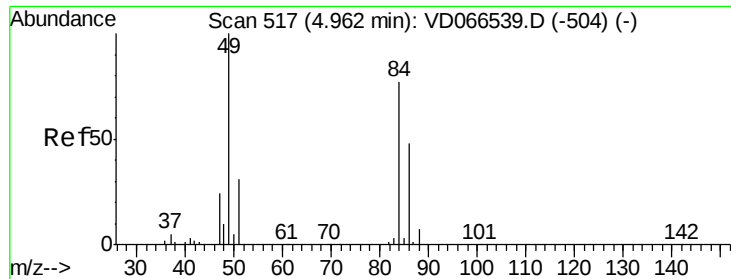
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Time-->





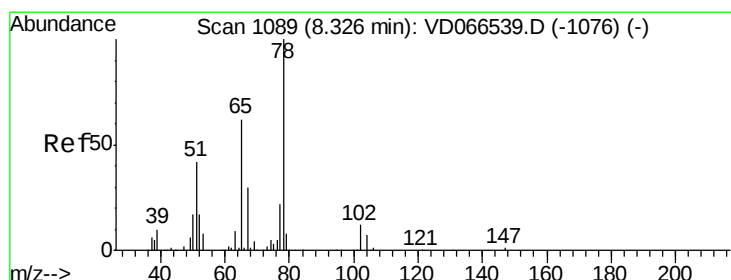
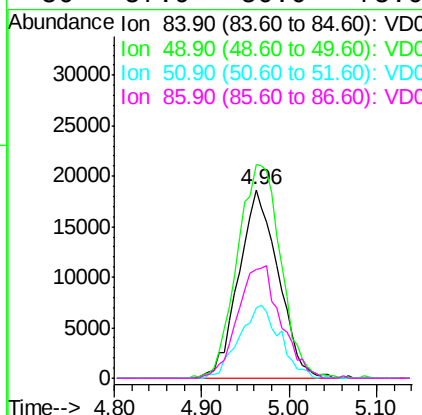
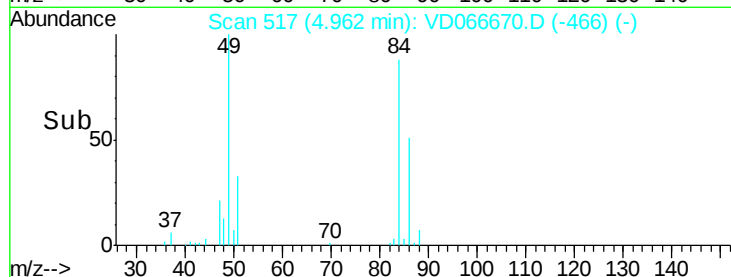
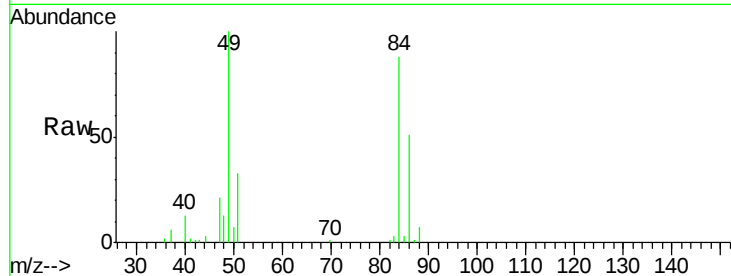
#20
Methvlene Chloride
Concen: 6.673 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Instrument :
MSVOA_D
ClientSampleId :
SB-3-12.5-13.0

Tot Ion:	84	Resp:	57321
Ion	Ratio	Lower	Upper
84	100		
49	113.3	104.3	156.5
51	37.3	32.2	48.4
86	57.9	50.0	75.0

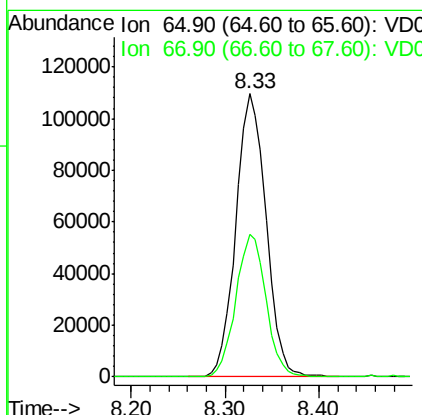
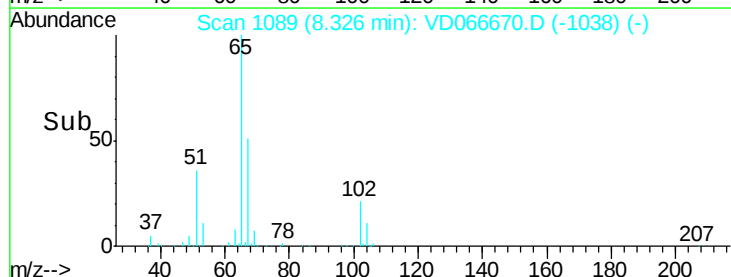
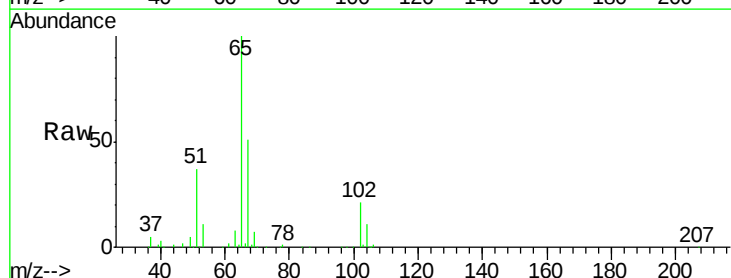
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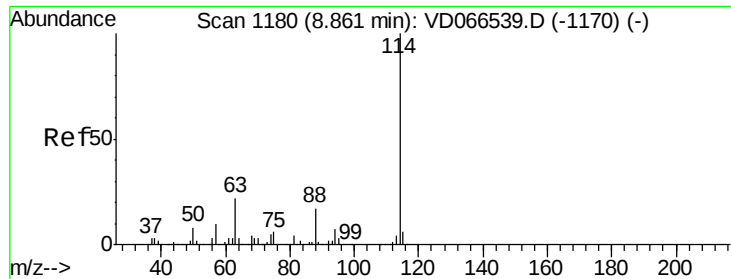
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#33
1,2-Dichloroethane-d4
Concen: 53.159 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Tgt Ion:	65	Resp:	244911
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.8





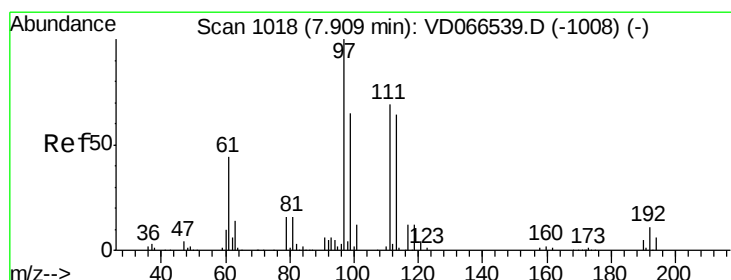
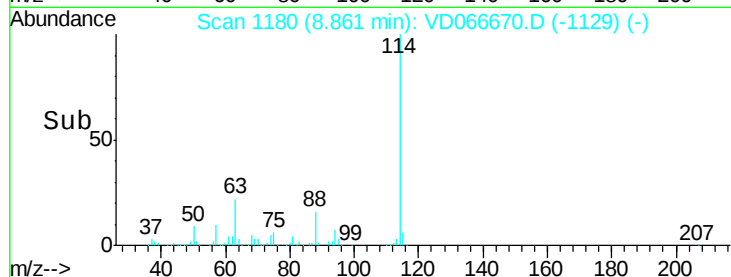
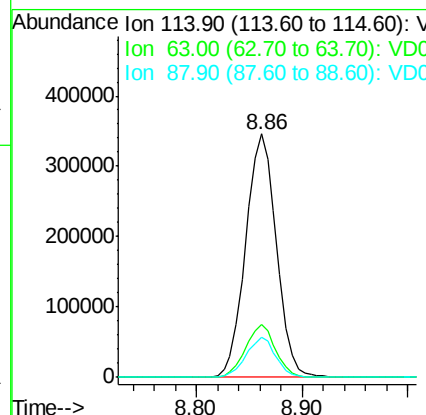
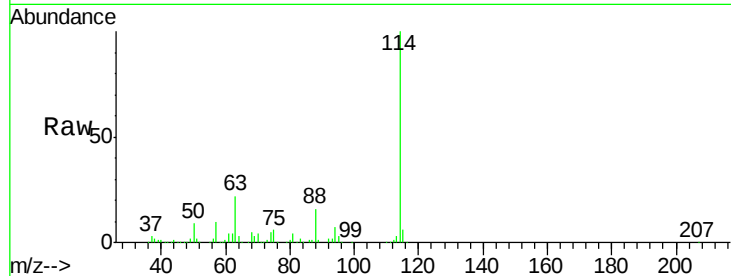
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066670.D
 Acq: 14 Sep 2020 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-12.5-13.0

Tot Ion	Ratio	Resp	Lower	Upper
114	100	699626		
63	21.8		0.0	43.2
88	16.2		0.0	33.2

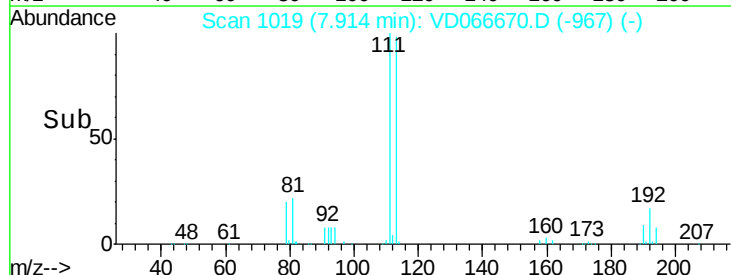
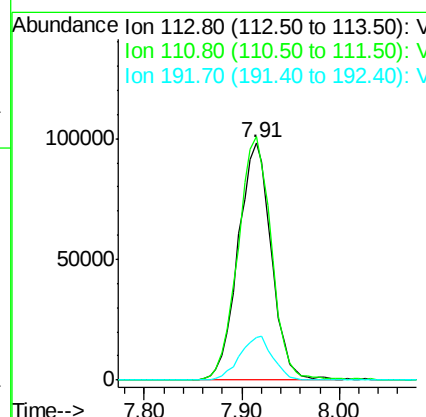
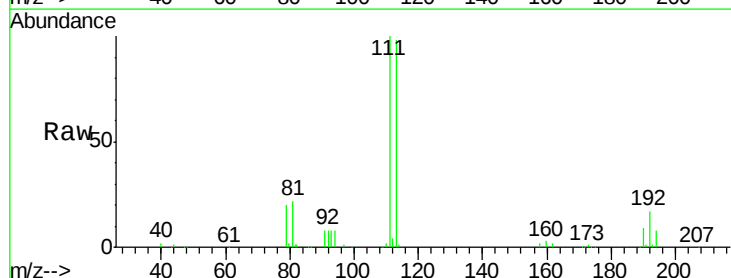
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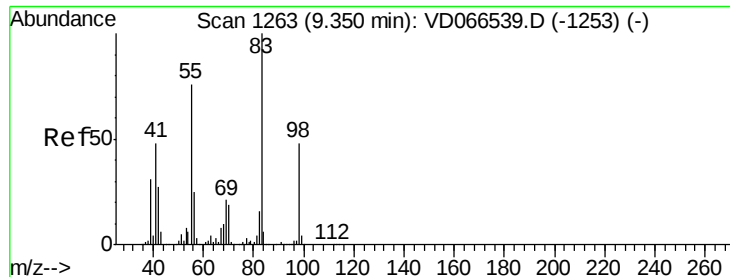
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#35
 Dibromofluoromethane
 Concen: 49.457 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066670.D
 Acq: 14 Sep 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	233425		
111	103.3		83.2	124.8
192	18.2		13.7	20.5





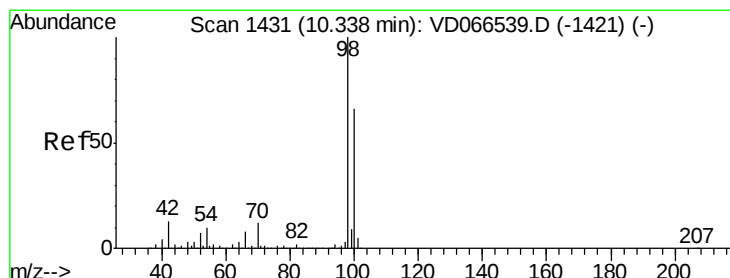
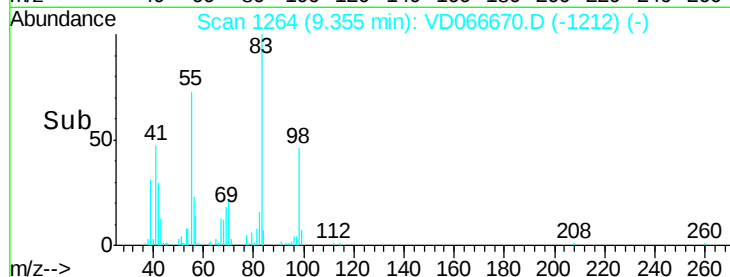
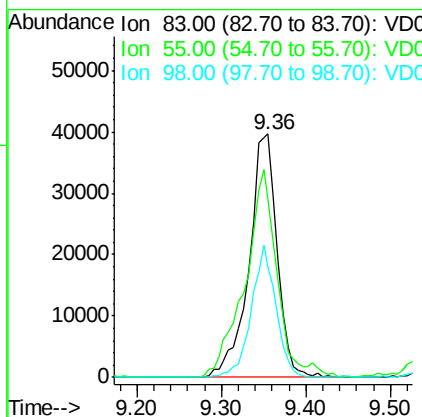
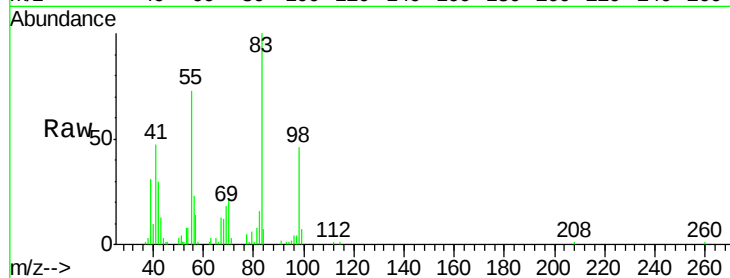
#39
Methvlcvclohexane
Concen: 11.408 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Instrument :
MSVOA_D
ClientSampleId :
SB-3-12.5-13.0

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.8	91.2
98	45.5	38.6	58.0

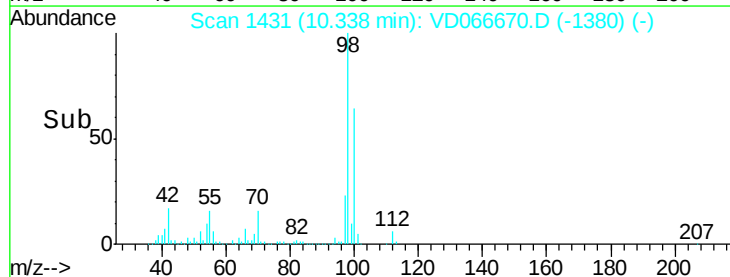
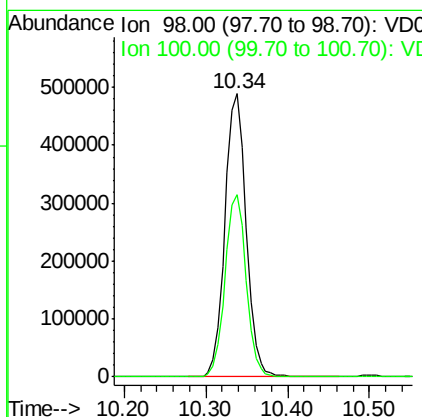
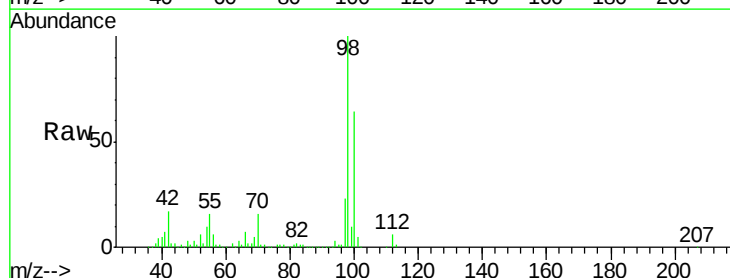
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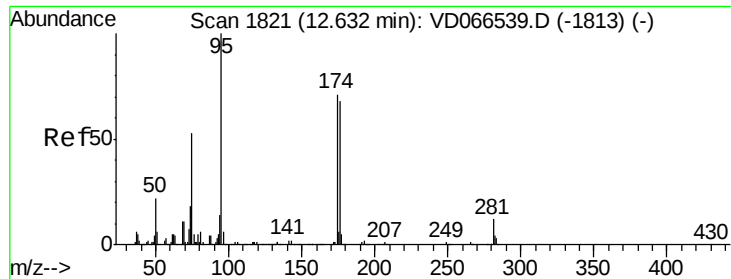
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#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3





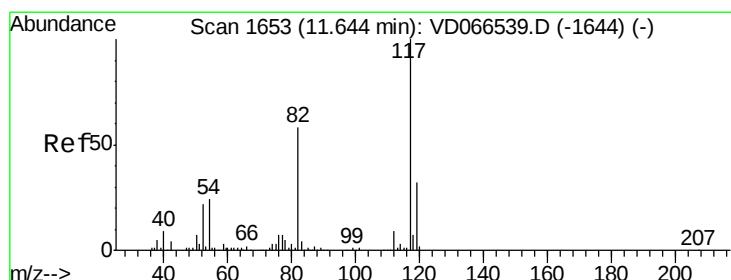
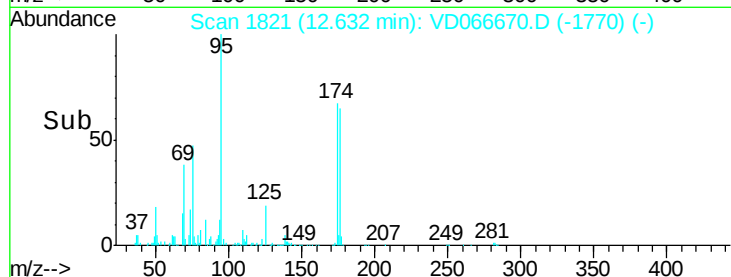
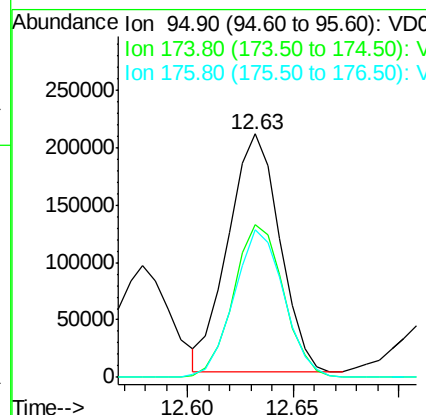
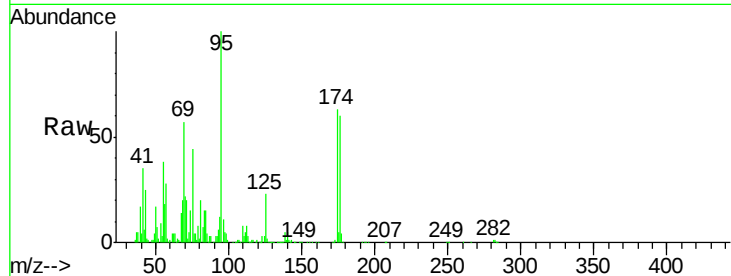
#62
4-Bromofluorobenzene
Concen: 62.743 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Instrument :
MSVOA_D
ClientSampleId :
SB-3-12.5-13.0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	350956		
174	62.5	0.0	155.8	
176	60.0	0.0	148.6	

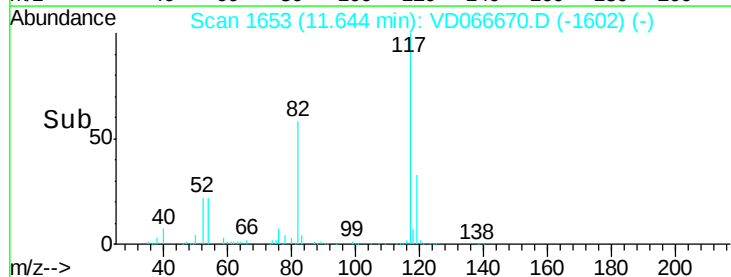
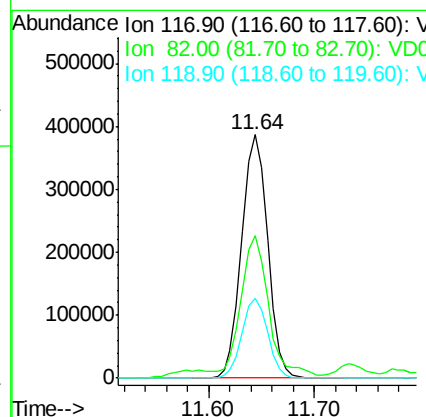
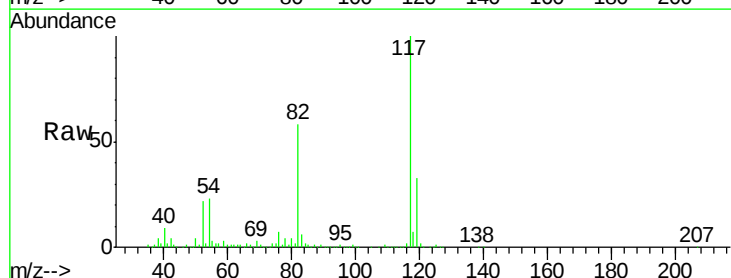
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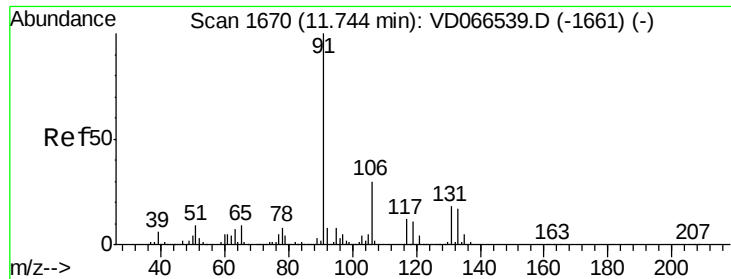
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066670.D
Acq: 14 Sep 2020 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	659754		
82	55.4	46.2	69.2	
119	32.9	25.8	38.8	





#67

Ethyl Benzene

Concen: 1.110 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

Instrument :

MSVOA_D

ClientSampleId :

SB-3-12.5-13.0

Tot Ion: 91 Resp: 27753

Ion Ratio Lower Upper

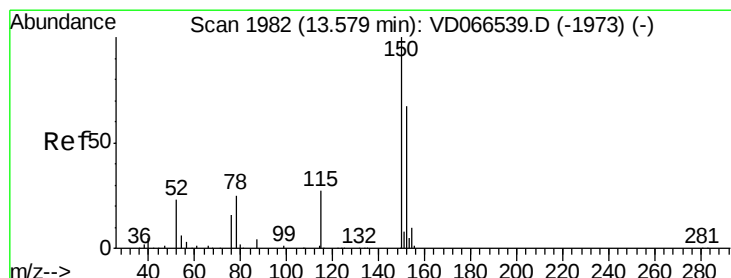
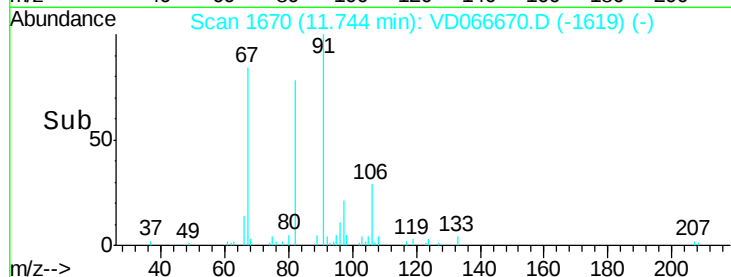
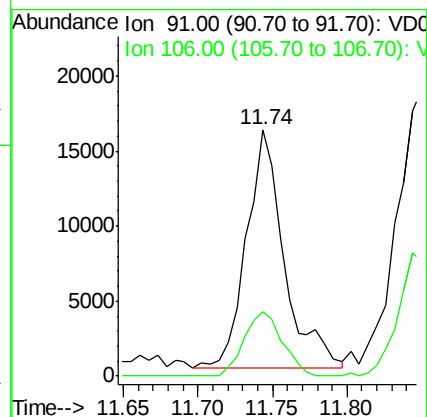
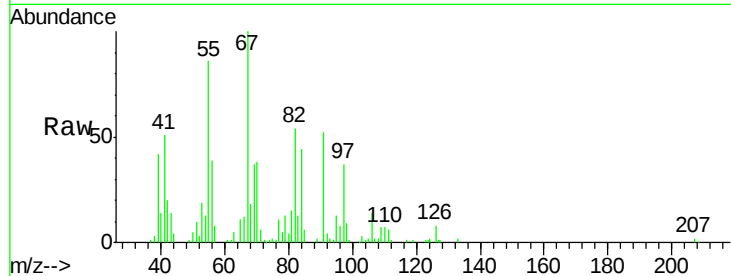
91 100

106 27.3 24.3 36.5

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

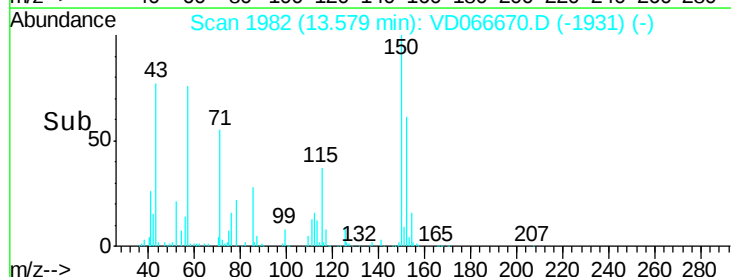
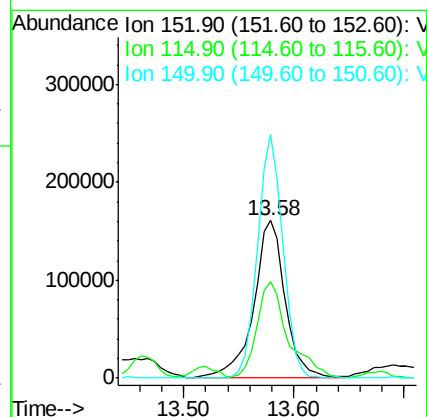
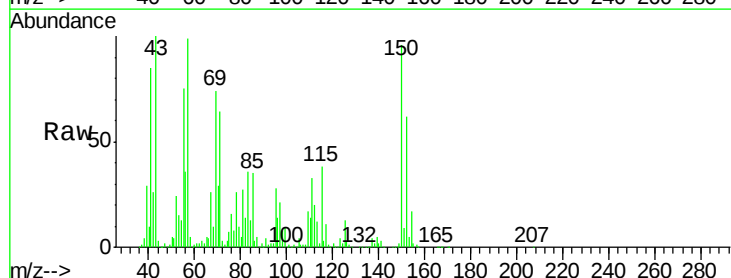
Tgt Ion: 152 Resp: 315297

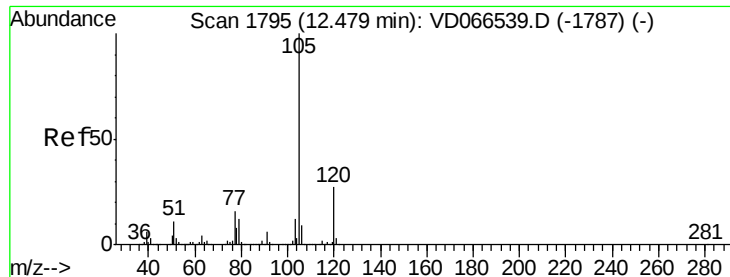
Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

150 126.3 0.0 345.8





#73

Isopropylbenzene

Concen: 1.808 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

Instrument :

MSVOA_D

ClientSampleId :

SB-3-12.5-13.0

Tot Ion: 105 Resp: 42213

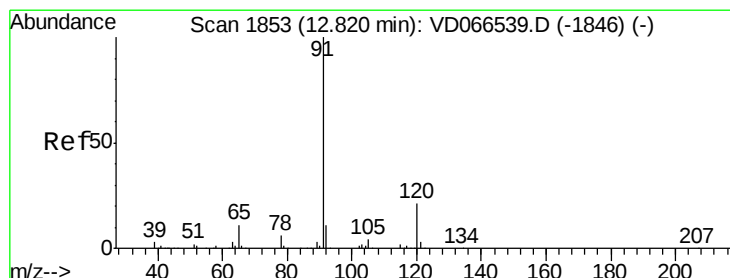
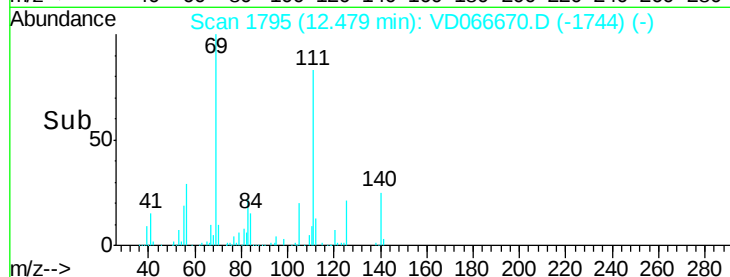
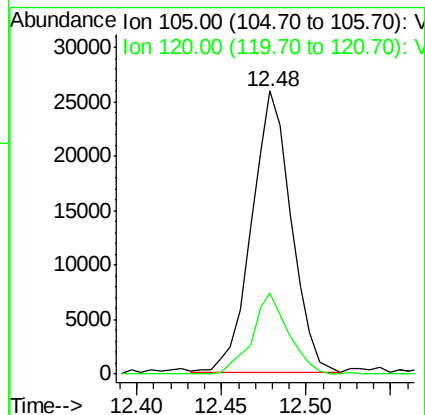
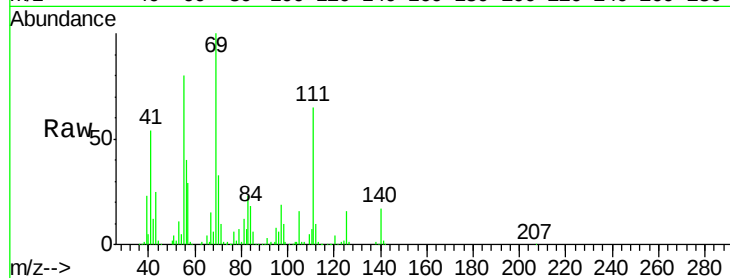
Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0

Manual Integrations
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#78

n-propylbenzene

Concen: 2.481 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066670.D

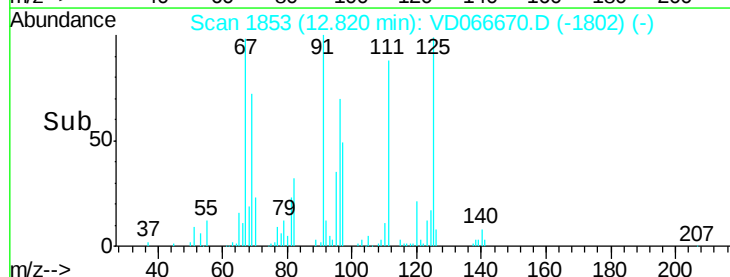
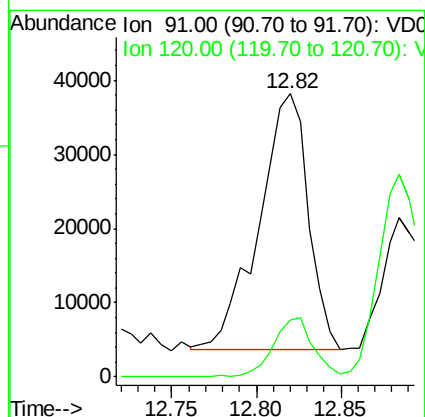
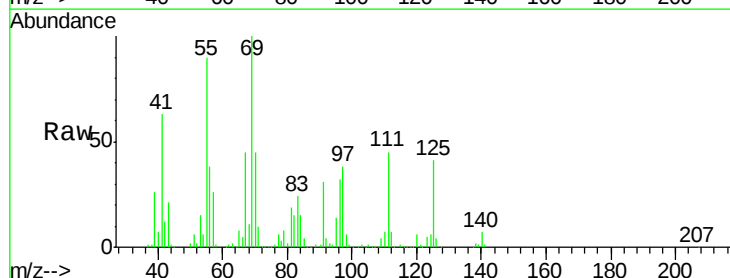
Acq: 14 Sep 2020 13:48

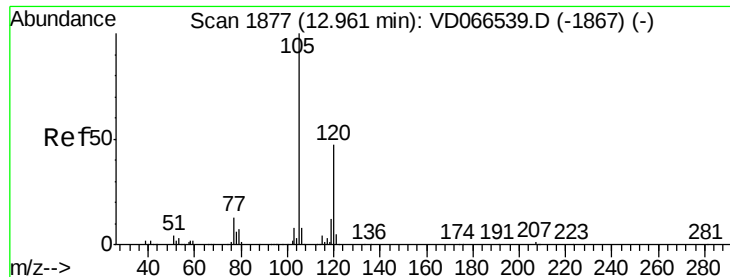
Tgt Ion: 91 Resp: 70198

Ion Ratio Lower Upper

91 100

120 18.6 11.1 33.1





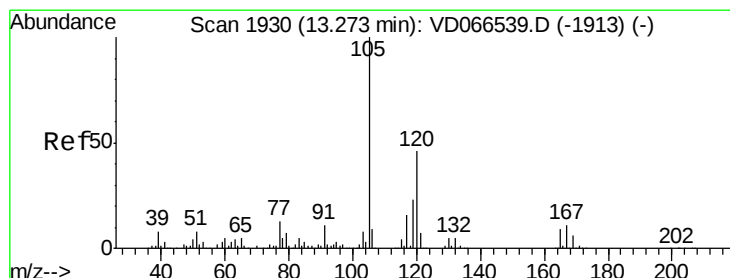
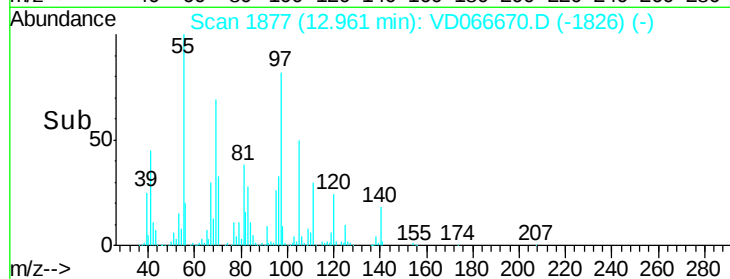
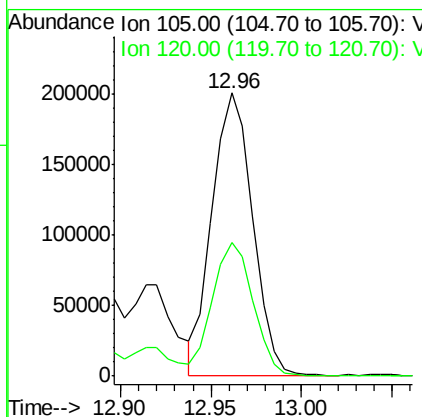
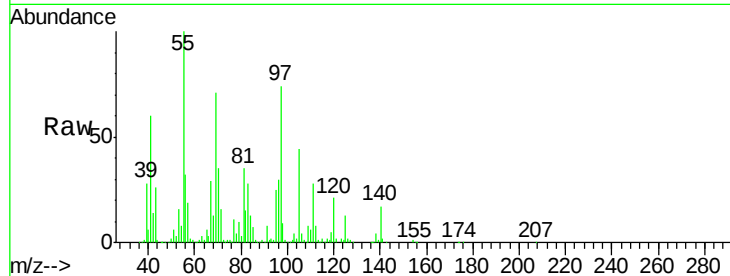
#80
 1,3,5-Trimethylbenzene
 Concen: 15.864 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066670.D
 Acq: 14 Sep 2020 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-12.5-13.0

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.9	71.8

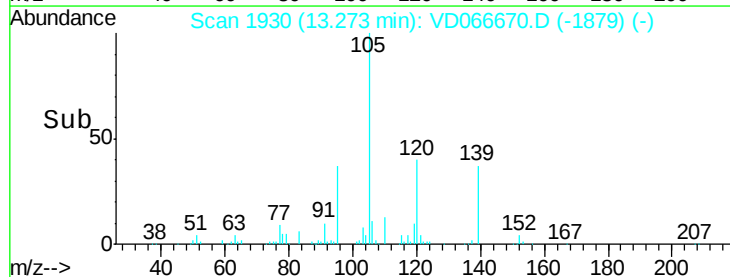
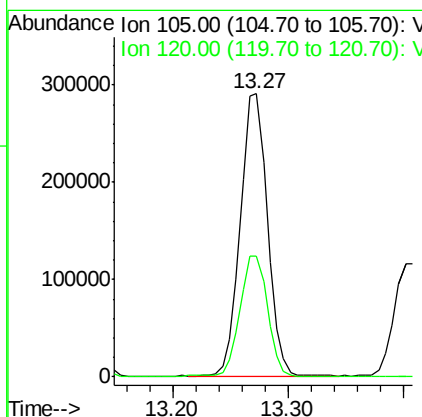
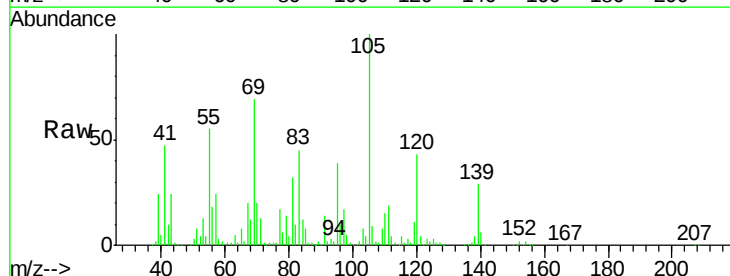
Manual Integrations
 APPROVED

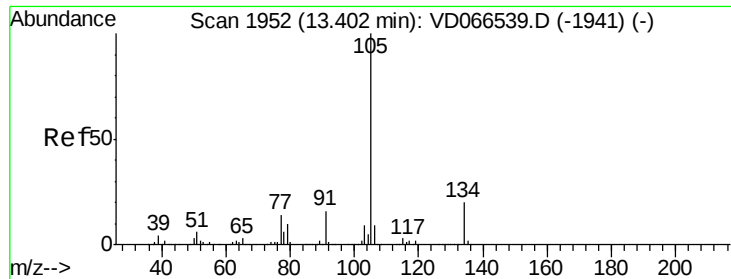
MMDadoda
 9/15/2020 2:27:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 24.323 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066670.D
 Acq: 14 Sep 2020 13:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 8.350 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

Instrument :

MSVOA_D

ClientSampled :

SB-3-12.5-13.0

Tot Ion:105 Resp: 193025

Ion Ratio Lower Upper

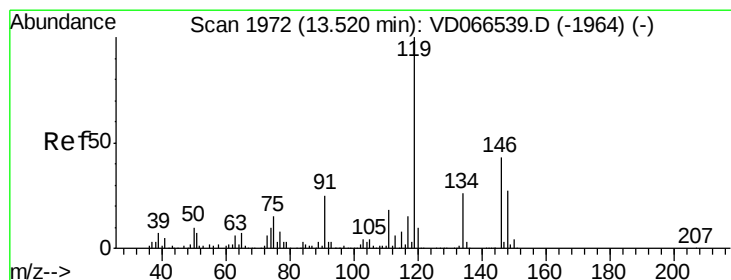
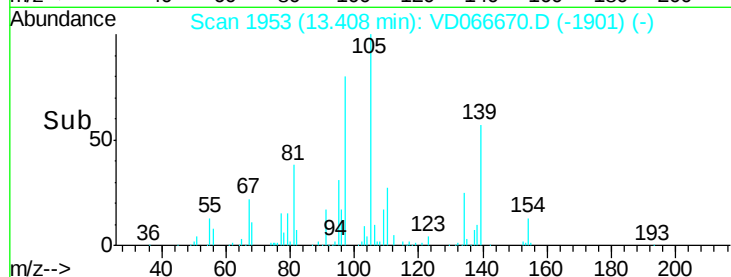
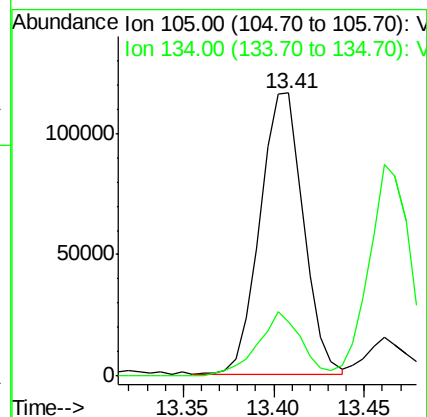
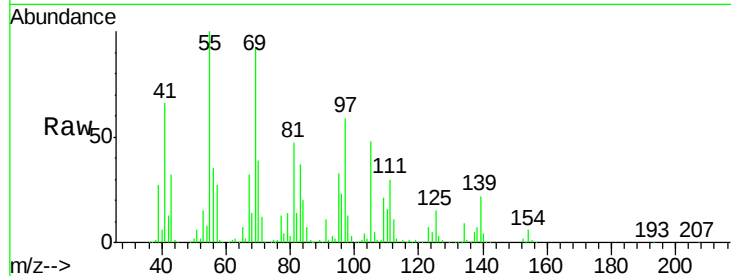
105 100

134 23.0 9.8 29.5

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:27:53 PM



#86

p-Isopropyltoluene

Concen: 10.980 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066670.D

Acq: 14 Sep 2020 13:48

Tgt Ion:119 Resp: 228452

Ion Ratio Lower Upper

119 100

134 27.2 12.7 38.0

91 25.7 12.5 37.5

