

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060595.D
 Acq On : 6 Nov 2018 5:16
 Operator : VA/AP
 Sample : J5767-03
 Misc : 6.16/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-B

Manual Integrations
 APPROVED

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 11/6/2018 12:53:56 PM

Quant Time: Nov 06 08:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	193448	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	273415	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	54159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	54508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	120361	61.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.16%	
35) Dibromofluoromethane	4.12	113	138266	65.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	130.90%	
50) Toluene-d8	7.56	98	12552	2.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.02%	
62) 4-Bromofluorobenzene	11.42	95	72184	26.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.74%	
Target Compounds						
16) Acetone	2.25	43	29631	64.336	ug/l	99
20) Methylene Chloride	2.18	84	13846m	5.248	ug/l	
52) Toluene	7.63	92	21847	4.590	ug/l	100
67) Ethyl Benzene	9.91	91	3296	1.640	ug/l	99
68) m/p-Xylenes	10.14	106	1399	1.848	ug/l	97
69) o-Xylene	10.72	106	1513	1.830	ug/l	80
78) n-propylbenzene	11.60	91	6064	1.219	ug/l	85
80) 1,3,5-Trimethylbenzene	11.84	105	3785	1.080	ug/l	97
84) 1,2,4-Trimethylbenzene	12.21	105	10533	3.070	ug/l	89
85) sec-Butylbenzene	12.32	105	6873	1.396	ug/l	97

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

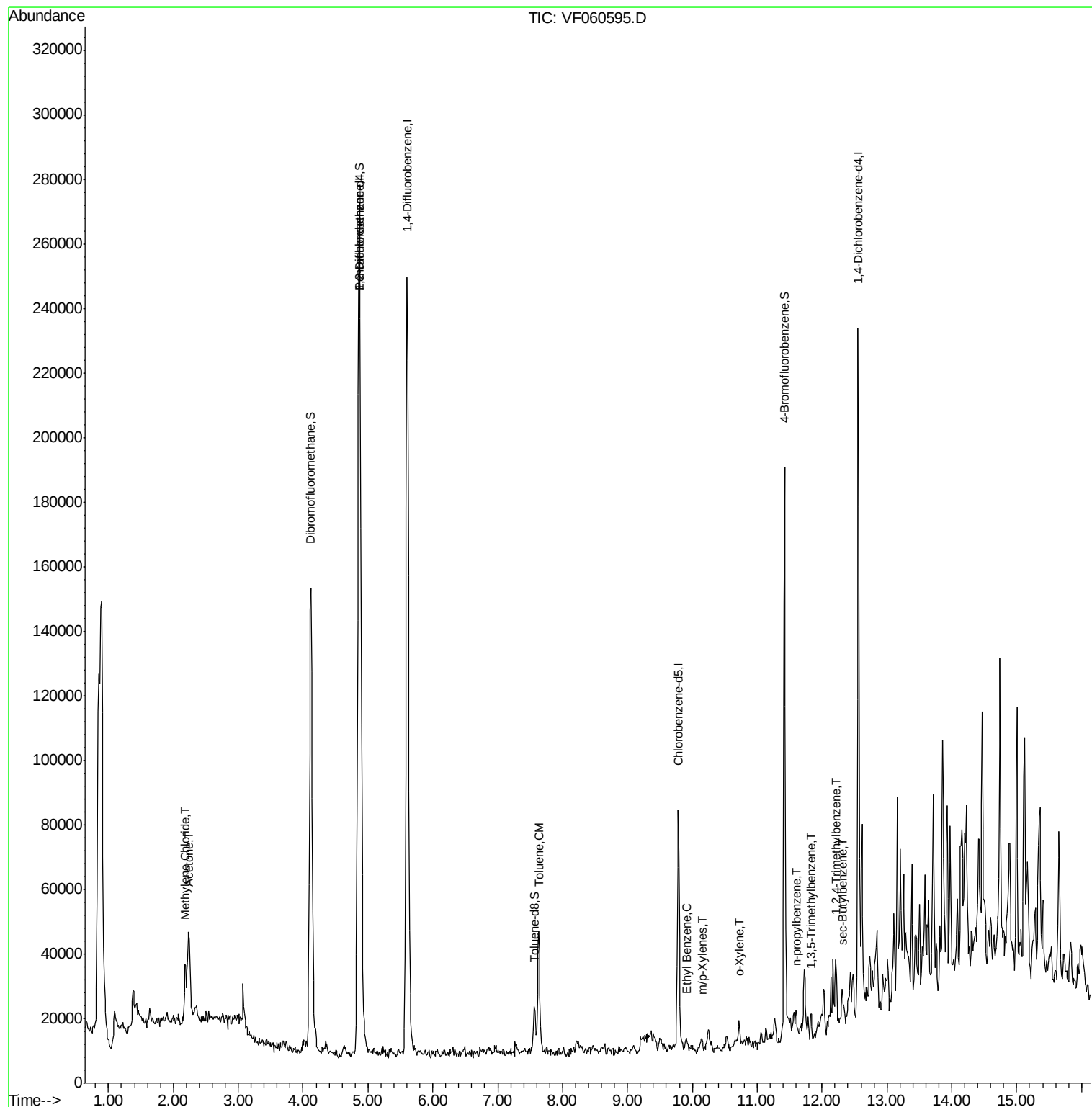
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060595.D
Acq On : 6 Nov 2018 5:16
Operator : VA/AP
Sample : J5767-03
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Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-B

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Quant Time: Nov 06 08:04:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-B

Tot Ion:168 Resp: 193448

Ion Ratio Lower Upper

168 100

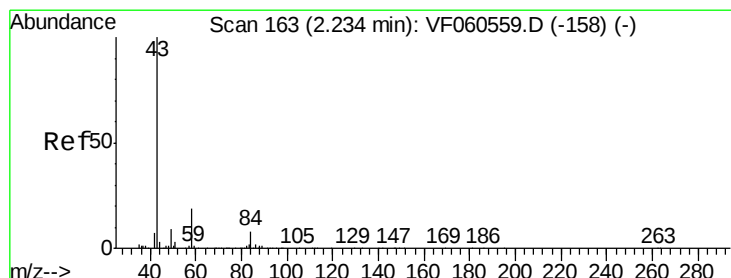
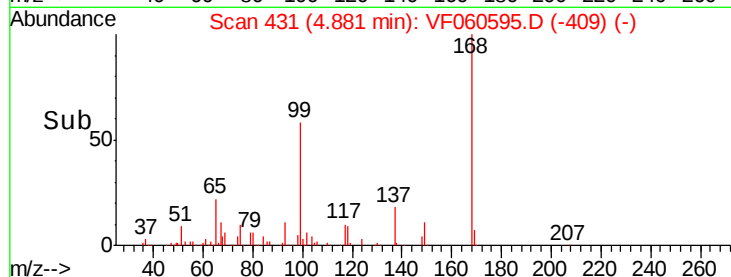
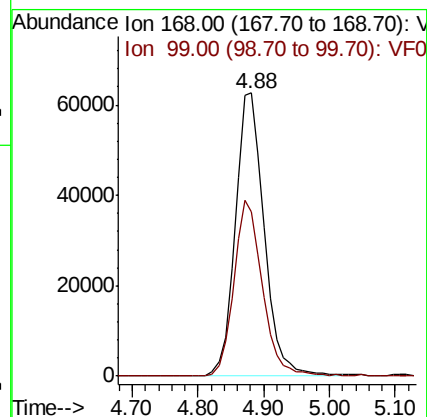
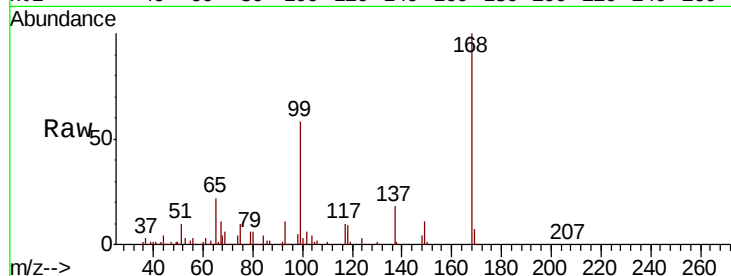
99 58.2 48.6 72.8

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#16

Acetone

Concen: 64.336 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060595.D

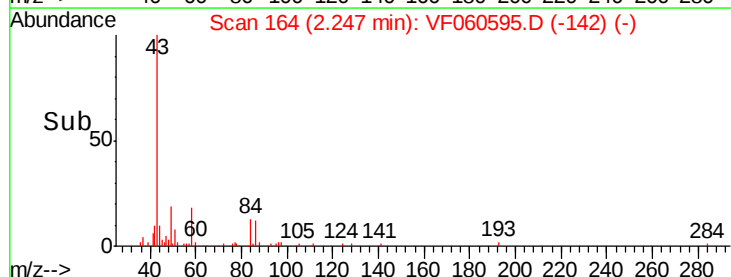
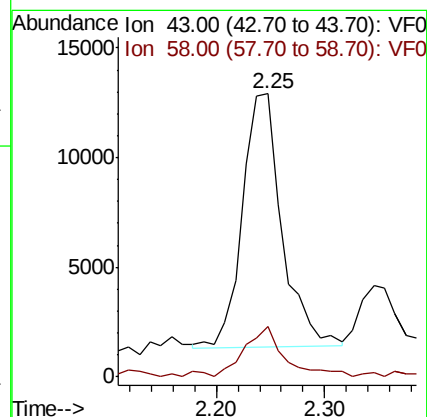
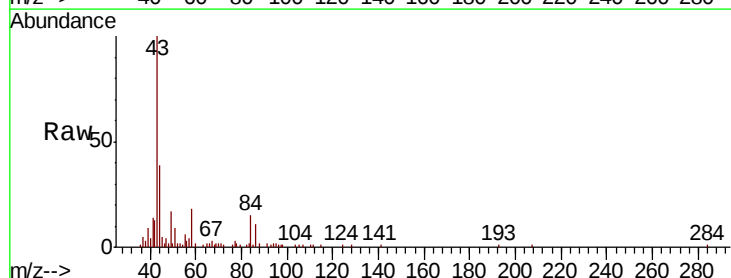
Acq: 6 Nov 2018 5:16

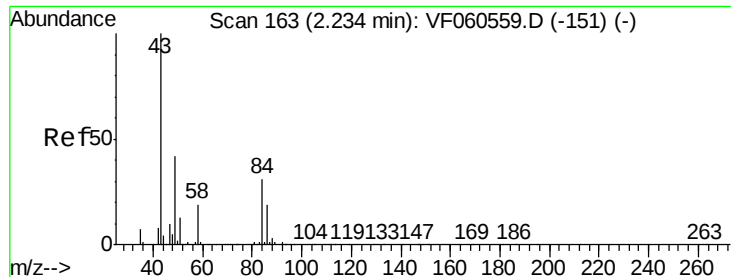
Tgt Ion: 43 Resp: 29631

Ion Ratio Lower Upper

43 100

58 17.9 14.6 22.0





#20

Methylene Chloride

Concen: 5.248 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.06 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Instrument :

MSVOA_F

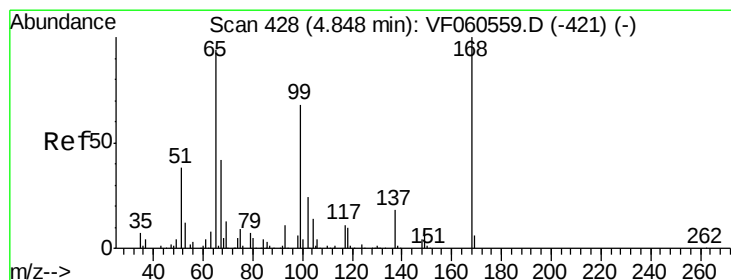
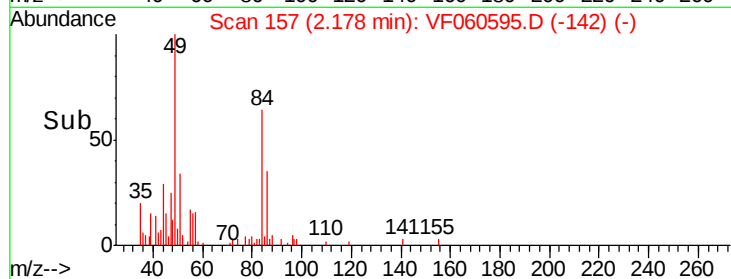
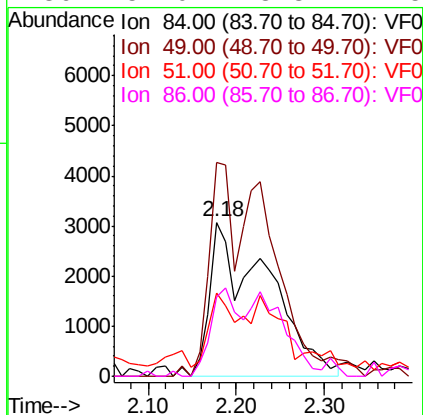
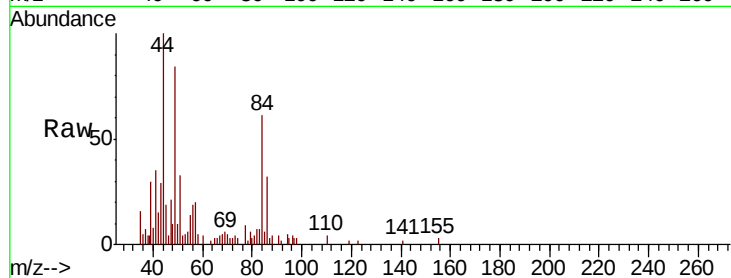
ClientSampleId :

CL-02-110118-B

Tot Ion:	84	Resp:	13846
Ion Ratio	Lower	Upper	
84	100		
49	138.9	109.9	164.9
51	54.2	35.8	53.8
86	52.0	48.3	72.5

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#33

1,2-Dichloroethane-d4

Concen: 61.580 ug/l

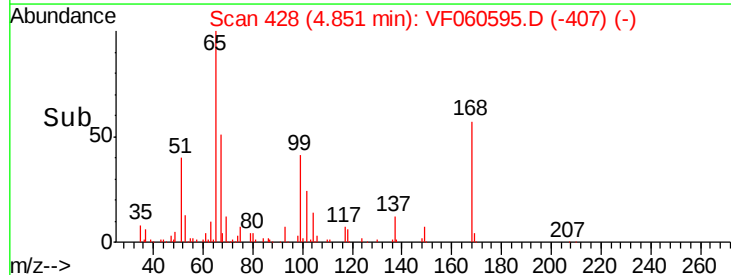
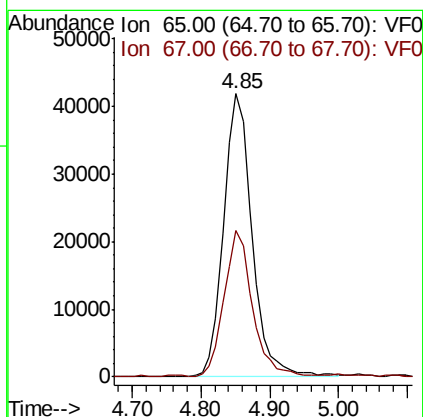
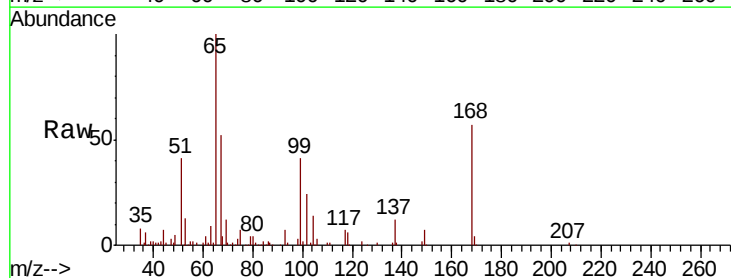
RT: 4.85 min Scan# 428

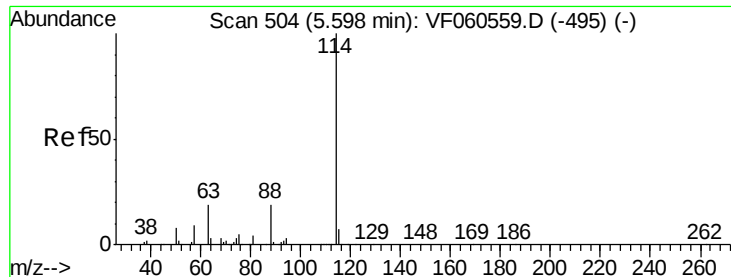
Delta R.T. 0.00 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Tgt Ion:	65	Resp:	120361
Ion Ratio	Lower	Upper	
65	100		
67	51.6	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Instrument :

MSVOA_F

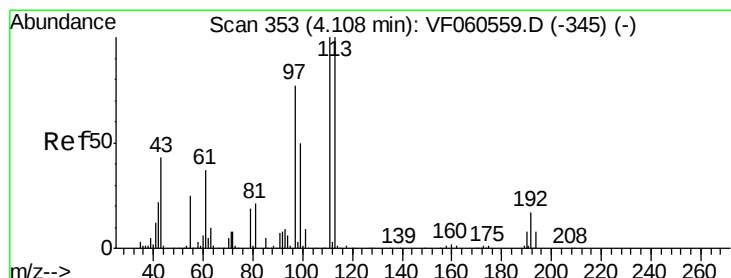
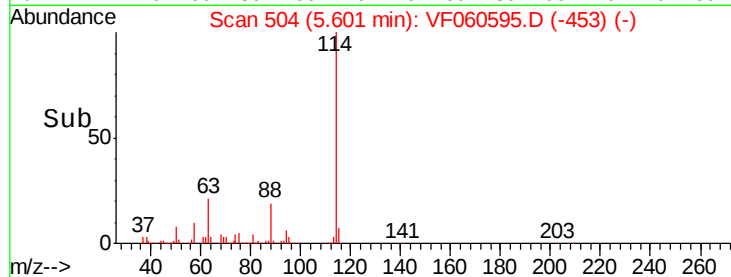
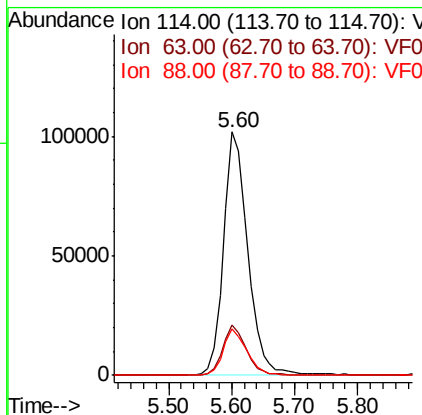
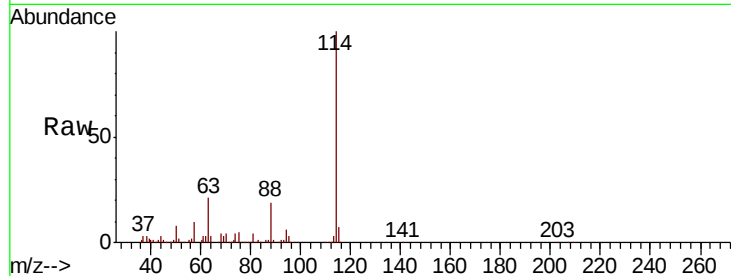
ClientSampleId :

CL-02-110118-B

Tot Ion:	114	Resp:	273415
Ion Ratio		Lower	Upper
114	100		
63	20.8	0.0	39.0
88	19.3	0.0	38.2

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#35

Dibromofluoromethane

Concen: 65.455 ug/l

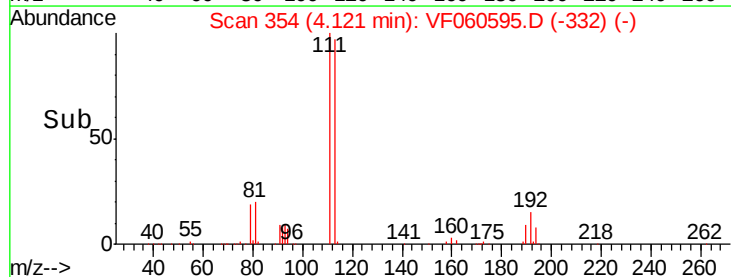
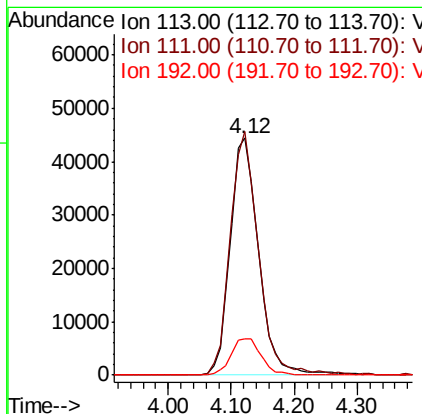
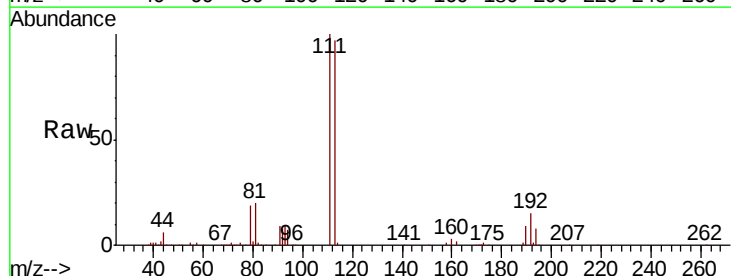
RT: 4.12 min Scan# 354

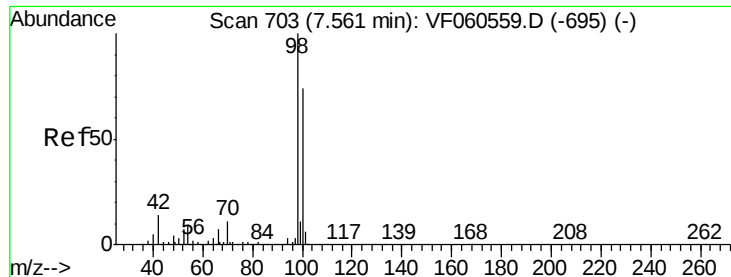
Delta R.T. 0.01 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Tgt Ion:	113	Resp:	138266
Ion Ratio		Lower	Upper
113	100		
111	102.8	79.9	119.9
192	15.1	13.3	19.9





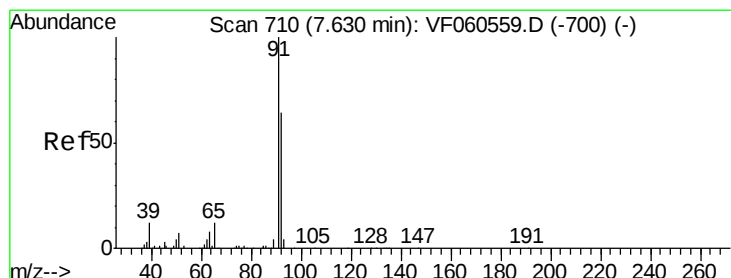
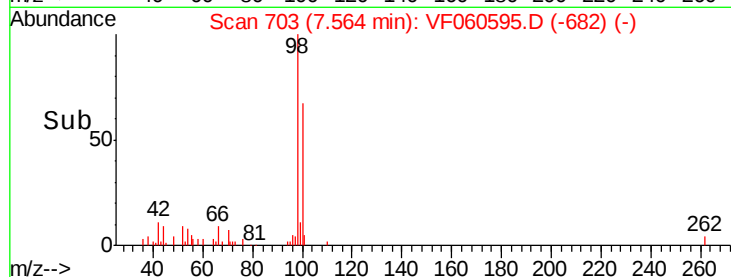
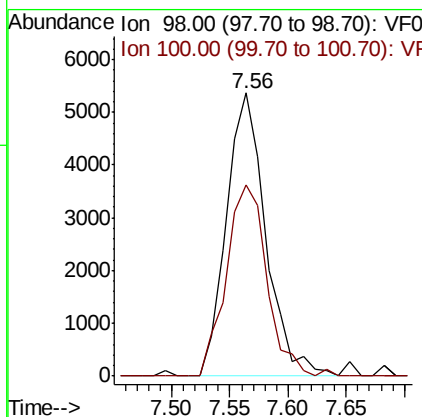
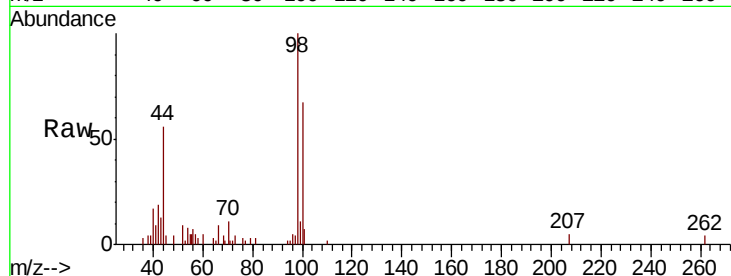
#50
Toluene-d8
Concen: 2.006 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-B

Tot Ion	Ratio	Lower	Upper
98	100		
100	67.4	59.4	89.2

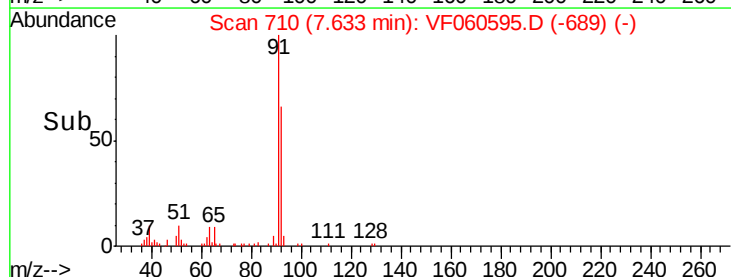
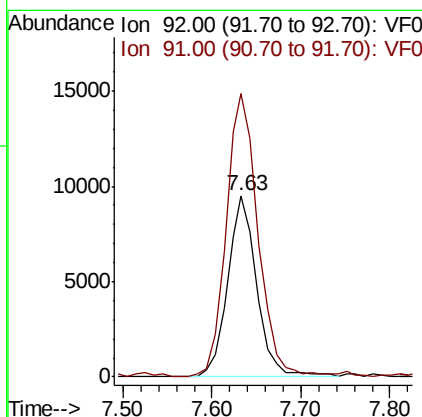
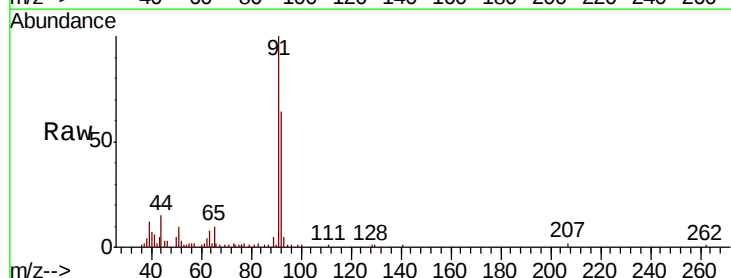
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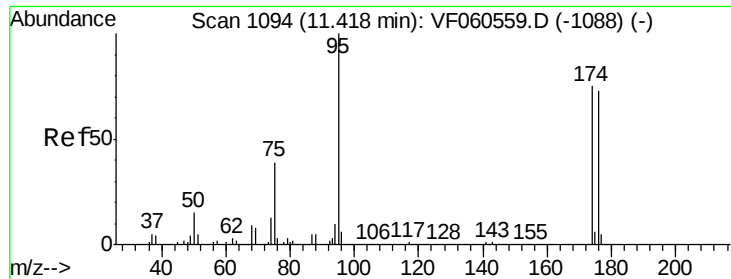
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#52
Toluene
Concen: 4.590 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	155.9	124.5	186.7





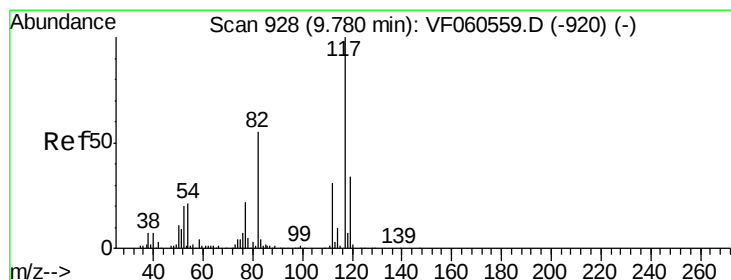
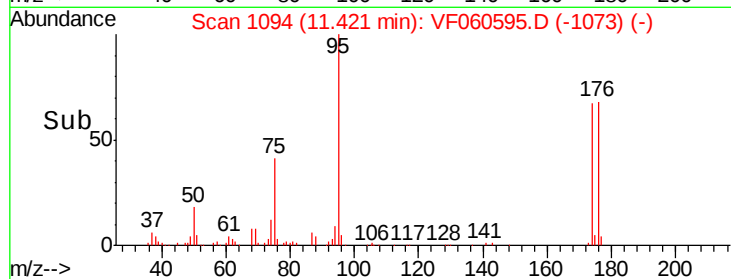
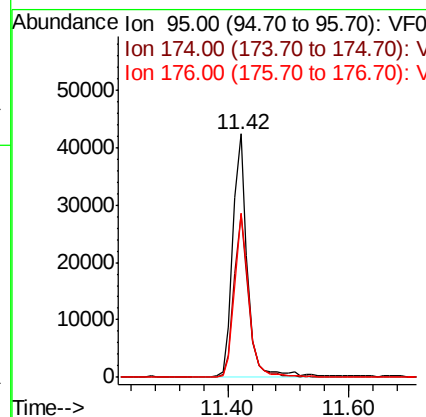
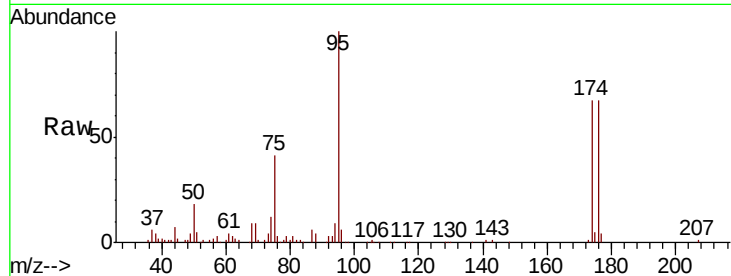
#62
4-Bromofluorobenzene
Concen: 26.372 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-B

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	149.0
176	67.3	0.0	145.6

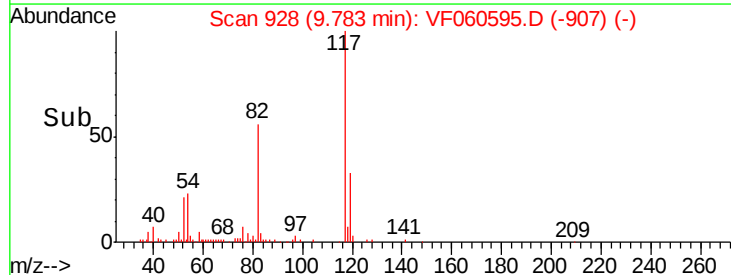
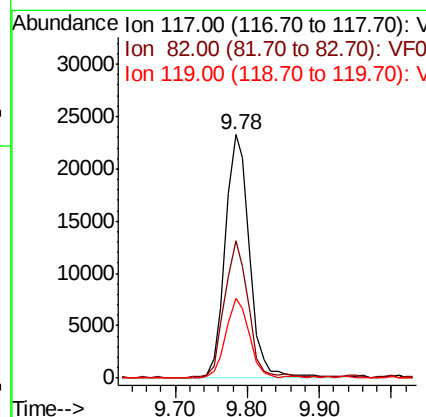
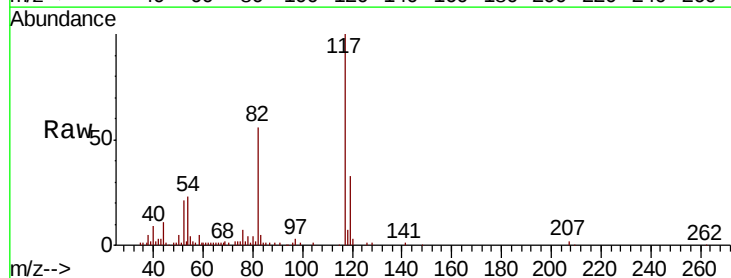
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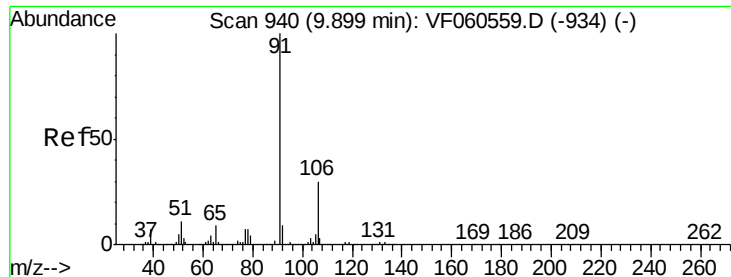
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.9	65.9
119	32.7	27.4	41.0





#67

Ethyl Benzene

Concen: 1.640 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-B

Tot Ion: 91 Resp: 3296

Ion Ratio Lower Upper

91 100

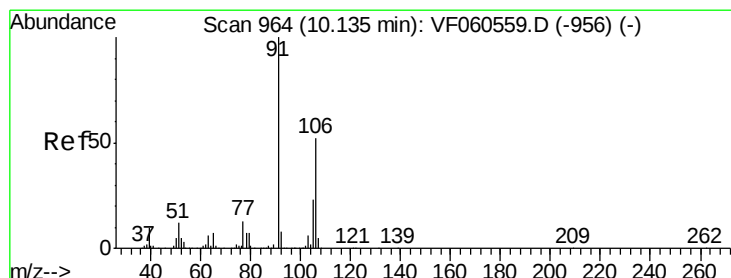
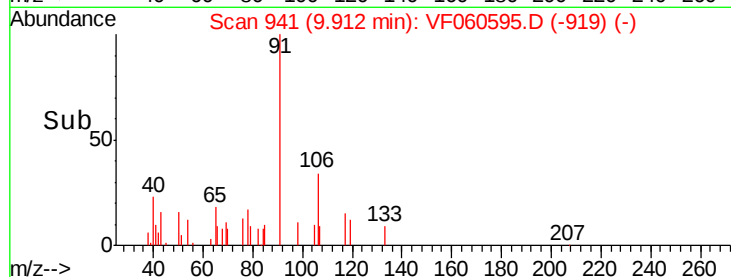
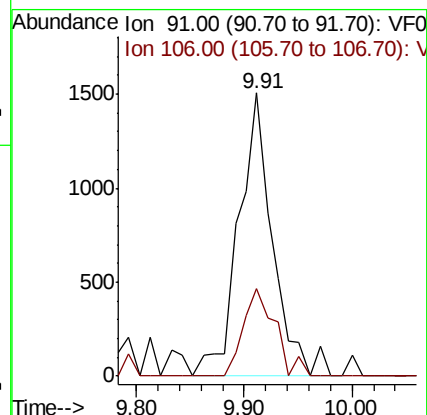
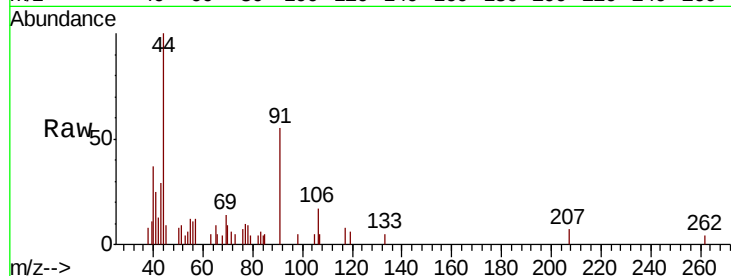
106 30.8 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 1.848 ug/l

RT: 10.14 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF060595.D

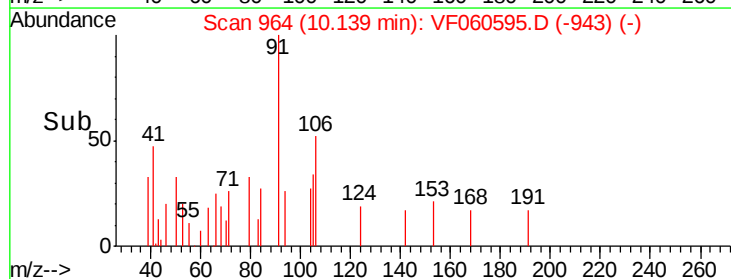
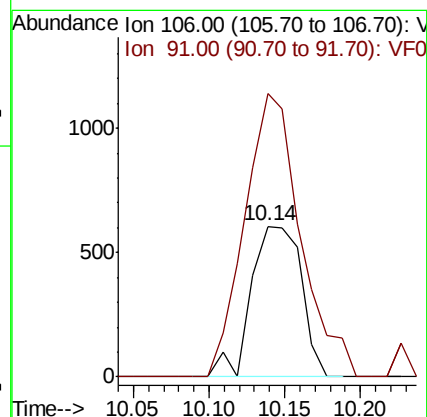
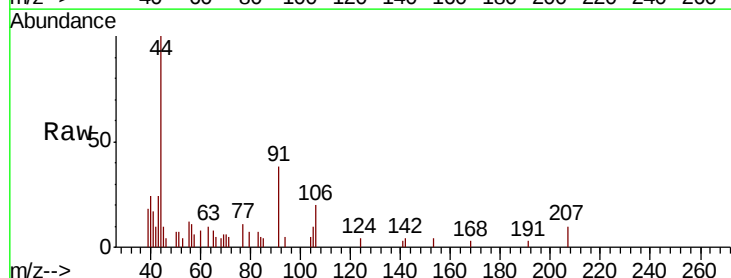
Acq: 6 Nov 2018 5:16

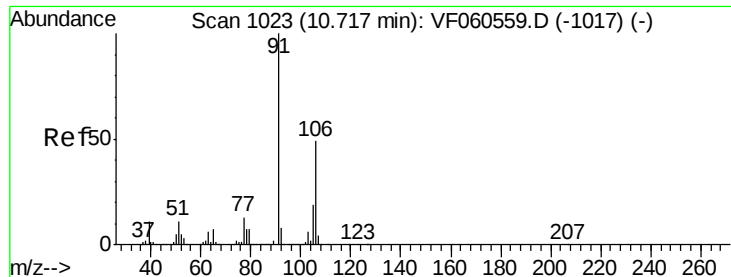
Tgt Ion: 106 Resp: 1399

Ion Ratio Lower Upper

106 100

91 188.1 153.9 230.9





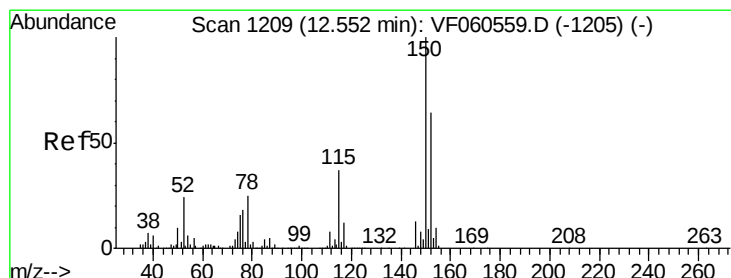
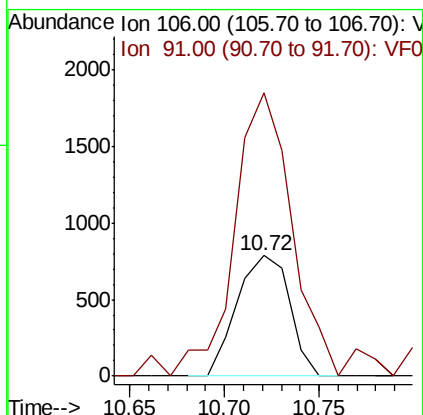
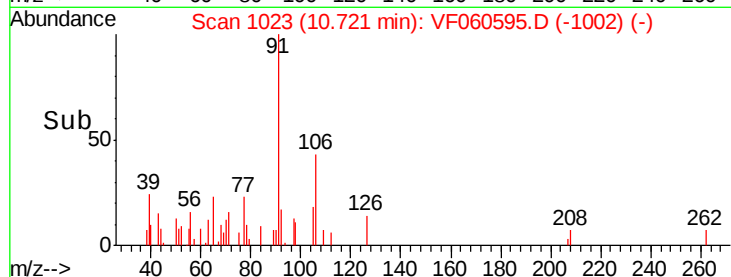
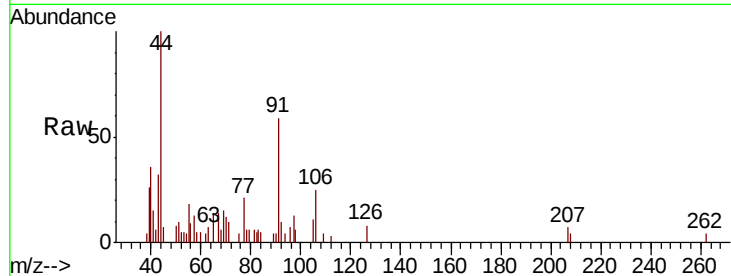
#69
o-Xylene
Concen: 1.830 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-B

Tot Ion:106 Resp: 1513
Ion Ratio Lower Upper
106 100
91 234.6 101.8 305.3

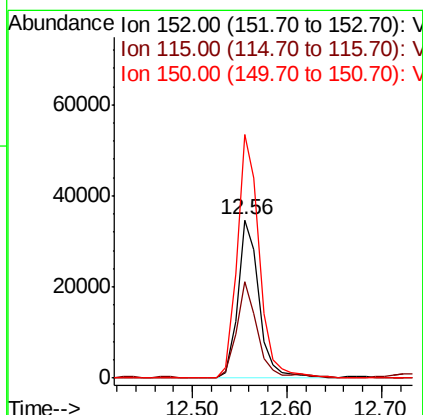
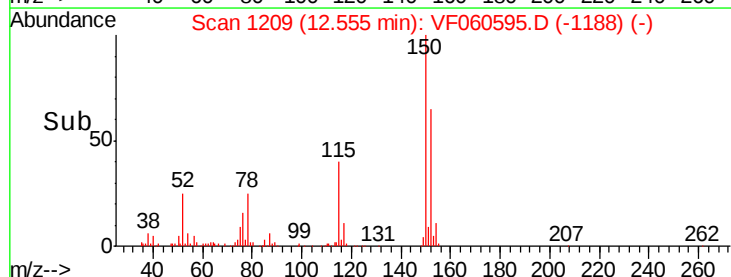
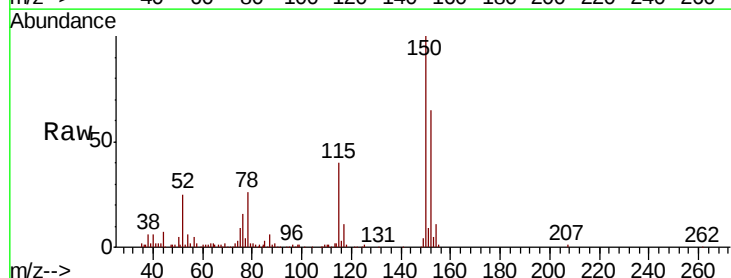
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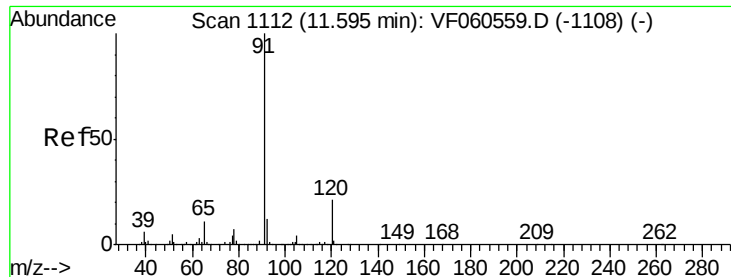
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060595.D
Acq: 6 Nov 2018 5:16

Tgt Ion:152 Resp: 54508
Ion Ratio Lower Upper
152 100
115 61.3 29.6 88.8
150 154.1 0.0 315.6





#78

n-propylbenzene

Concen: 1.219 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF060595.D

Acq: 6 Nov 2018 5:16

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-B

Tot Ion: 91 Resp: 6064

Ion Ratio Lower Upper

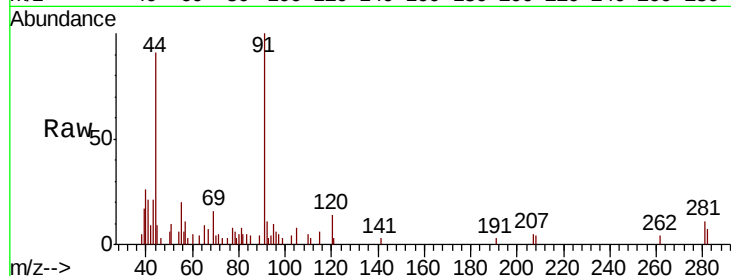
91 100

120 14.1 10.5 31.6

Manual Integrations
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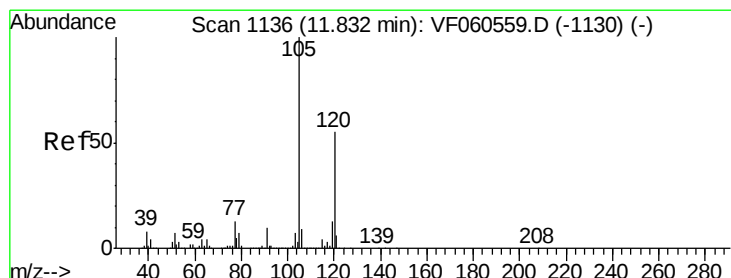
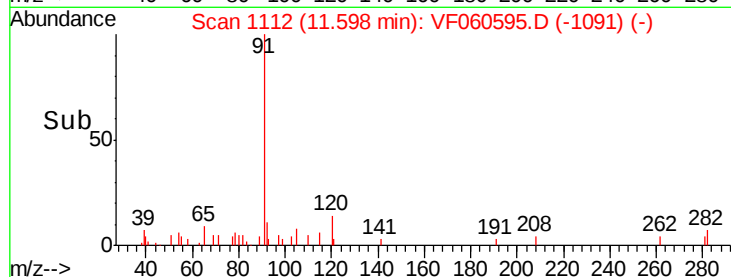
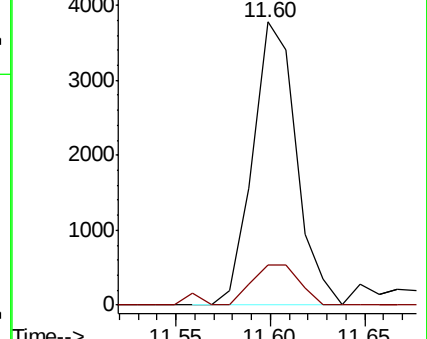
MMDadoda

11/6/2018 12:53:56 PM



Abundance Ion 91.00 (90.70 to 91.70): VF060559.D (-1108) (-)

Ion 120.00 (119.70 to 120.70): VF060559.D (-1108) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.080 ug/l

RT: 11.84 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF060595.D

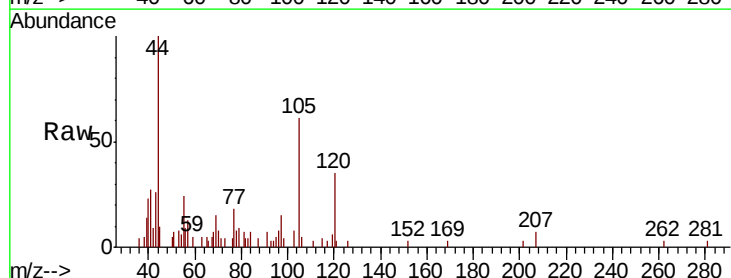
Acq: 6 Nov 2018 5:16

Tgt Ion: 105 Resp: 3785

Ion Ratio Lower Upper

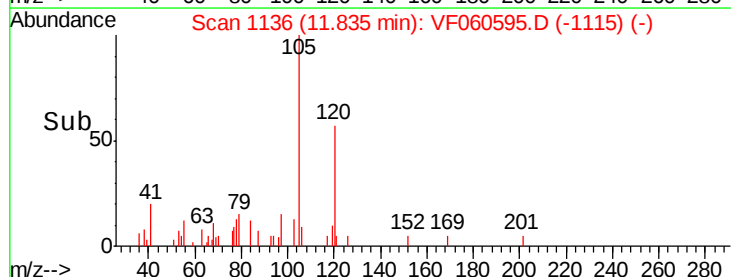
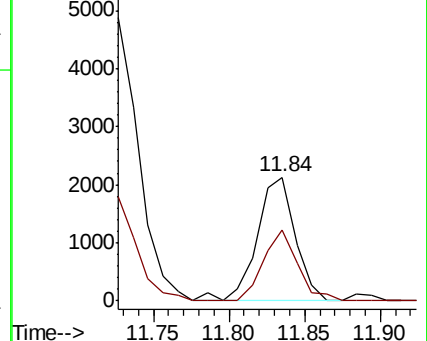
105 100

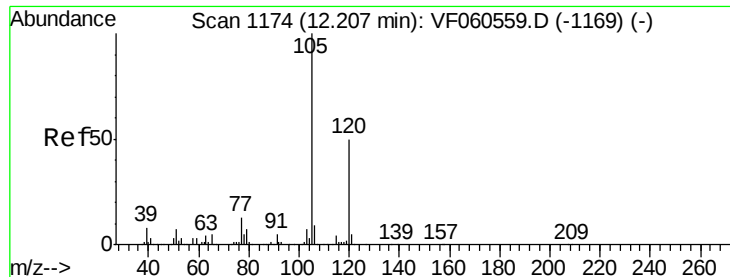
120 57.2 27.6 82.8



Abundance Ion 105.00 (104.70 to 105.70): VF060559.D (-1130) (-)

Ion 120.00 (119.70 to 120.70): VF060559.D (-1130) (-)





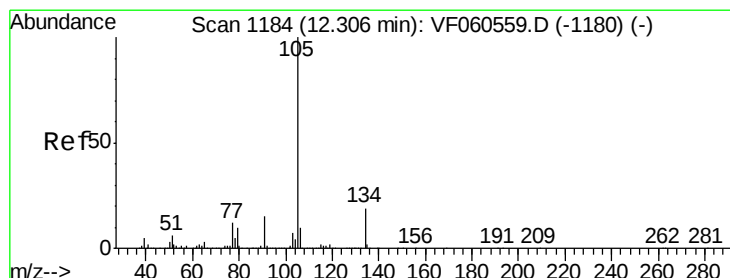
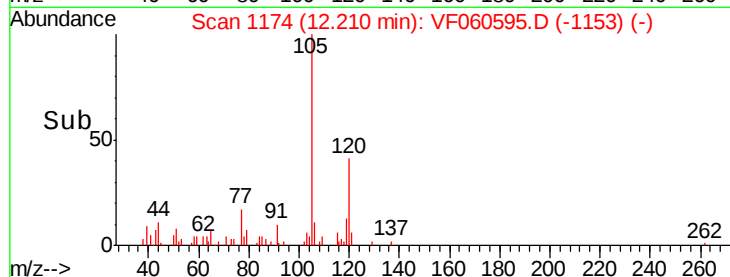
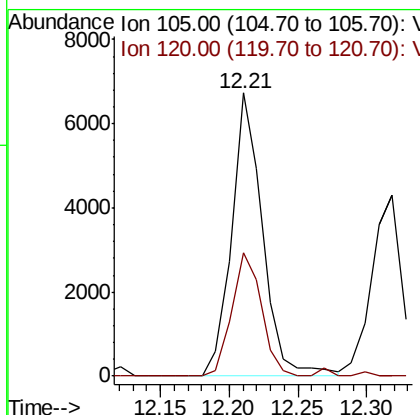
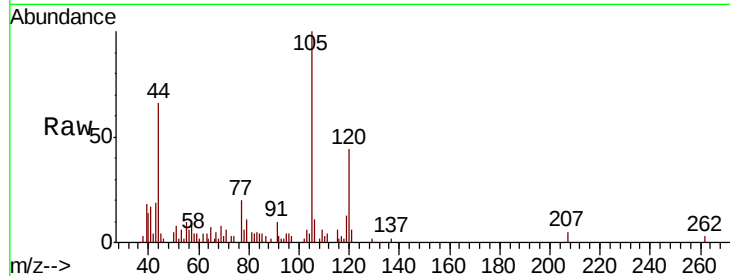
#84
 1,2,4-Trimethylbenzene
 Concen: 3.070 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VF060595.D
 Acq: 6 Nov 2018 5:16

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.7	25.6	76.8

Manual Integrations
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 11/6/2018 12:53:56 PM



#85
 sec-Butylbenzene
 Concen: 1.396 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VF060595.D
 Acq: 6 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	9.7	29.1

