

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018342.D
 Acq On : 10 Sep 2020 16:26
 Operator : JC/SP
 Sample : L3952-10DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16718DL

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:40 AM

Quant Time: Sep 11 07:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	450733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	720034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	699057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	378378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	319164	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	5.46	113	242568	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.70	98	864860	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.12	95	366904	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	59088m	24.234	ug/l	
19) Methyl tert-butyl Ether	3.17	73	16797	1.112	ug/l #	88
22) Diisopropyl ether	3.82	45	22871	1.464	ug/l #	84
25) 2-Butanone	4.64	43	26749	6.675	ug/l	97
31) Cyclohexane	5.55	56	3478	0.464	ug/l #	84
37) Ethyl Acetate	4.80	43	89845	11.648	ug/l	97
40) Benzene	6.11	78	781147	40.029	ug/l	100
52) Toluene	8.76	92	817870	66.095	ug/l	100
67) Ethyl Benzene	10.24	91	107739	4.538	ug/l	97
68) m/p-Xylenes	10.34	106	152036	17.156	ug/l	98
69) o-Xylene	10.68	106	75546	8.794	ug/l	96
78) n-propylbenzene	11.34	91	12604	0.445	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	16723	0.815	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	71734	3.421	ug/l	94
95) Naphthalene	13.82	128	98836	3.950	ug/l	98

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

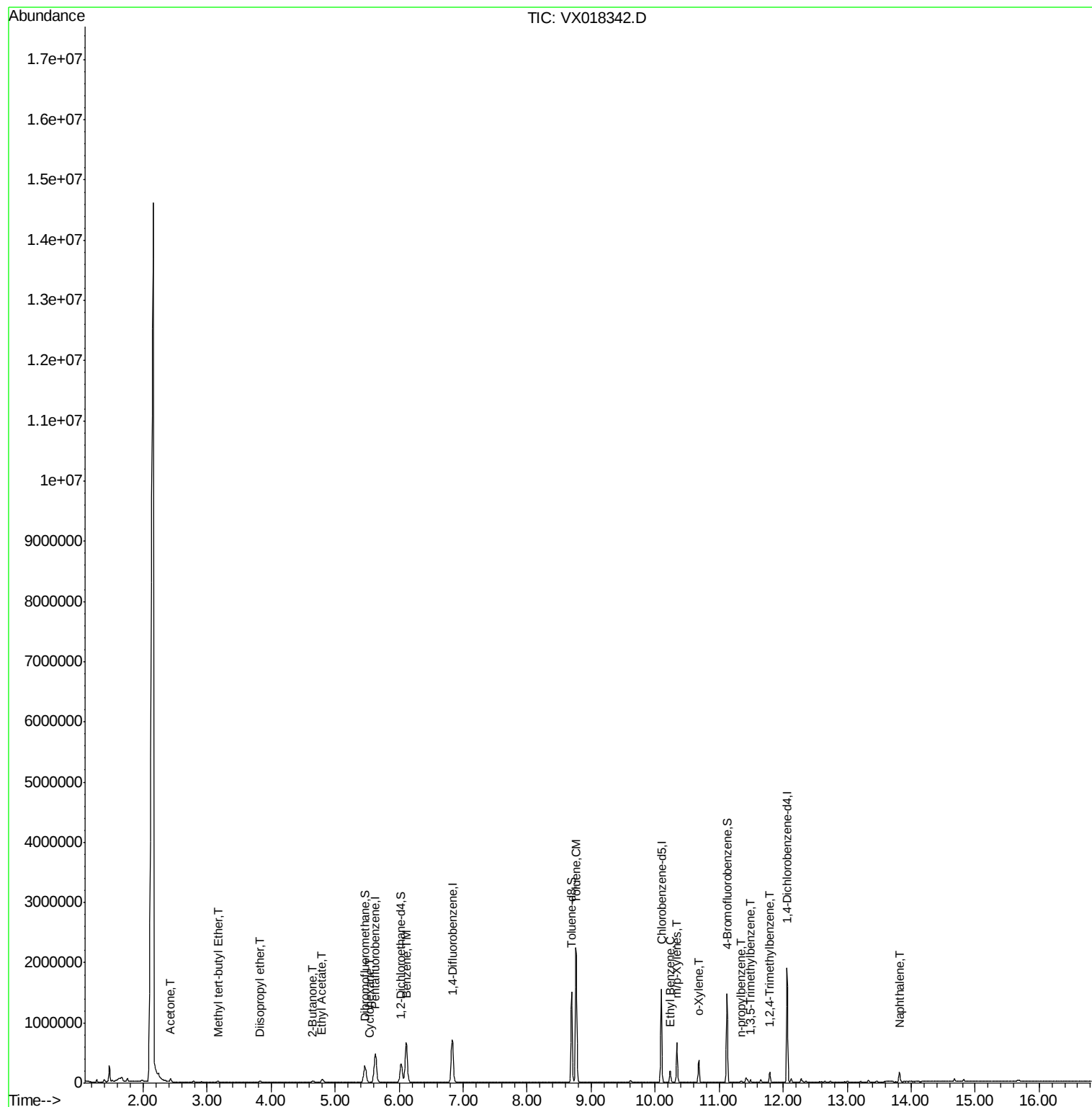
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018342.D
Acq On : 10 Sep 2020 16:26
Operator : JC/SP
Sample : L3952-10DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

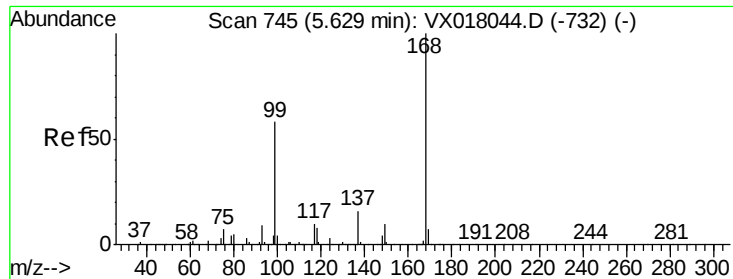
Instrument :
MSVOA_X
ClientSampleId :
16718DL

Manual Integrations
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Quant Time: Sep 11 07:26:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

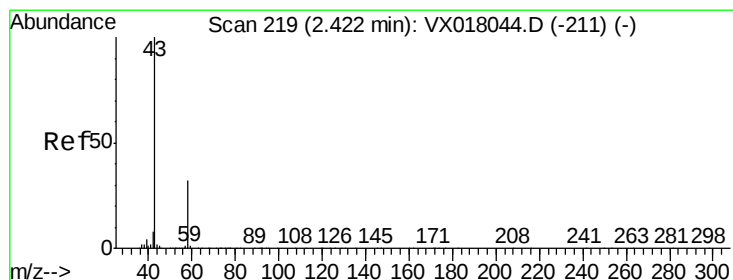
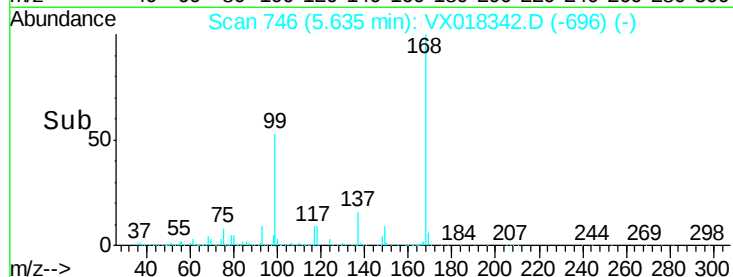
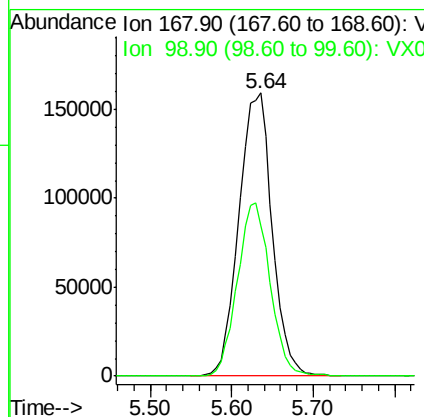
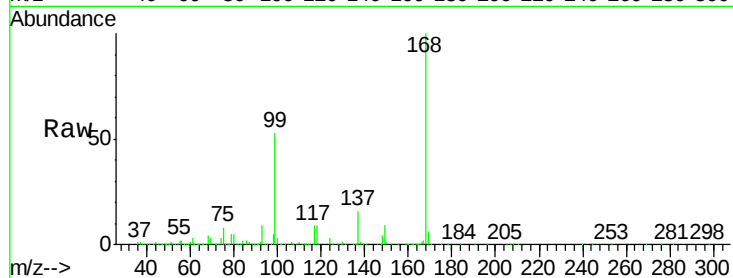
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018342.D
 Acq: 10 Sep 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 16718DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.1	46.3	69.5

Manual Integrations
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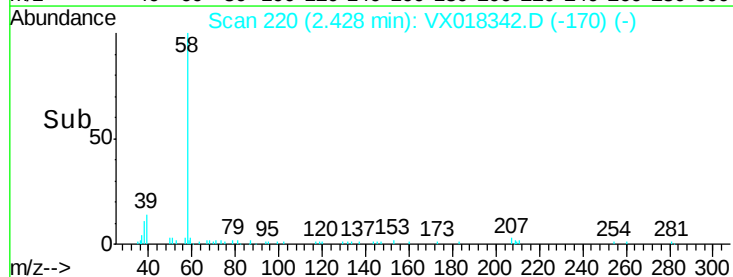
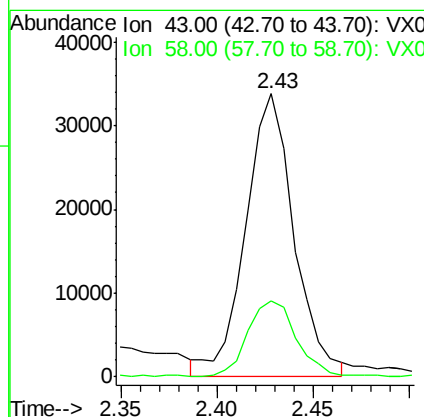
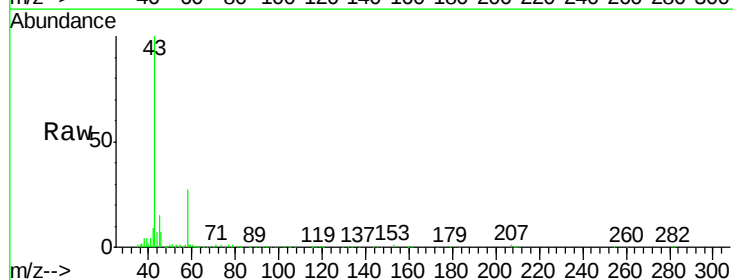
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 9/11/2020 10:13:40 AM

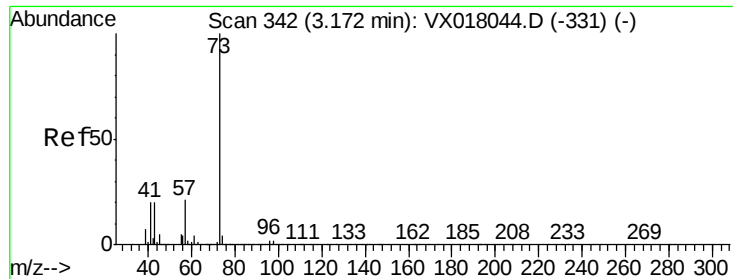


#16

Acetone
 Concen: 24.234 ug/l m
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX018342.D
 Acq: 10 Sep 2020 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	25.5	38.3





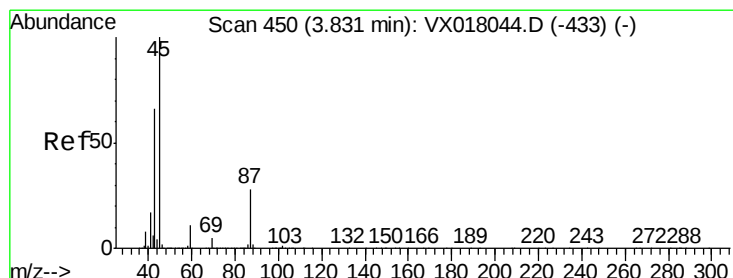
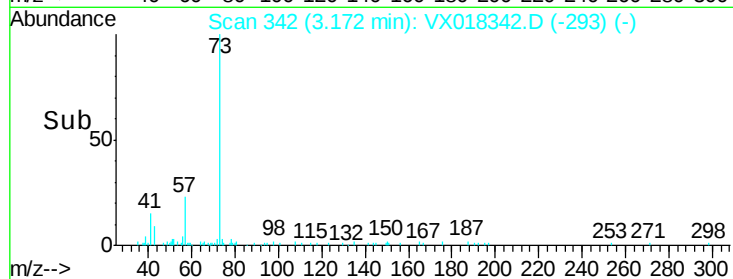
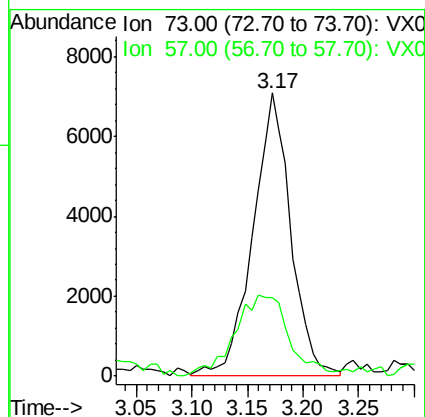
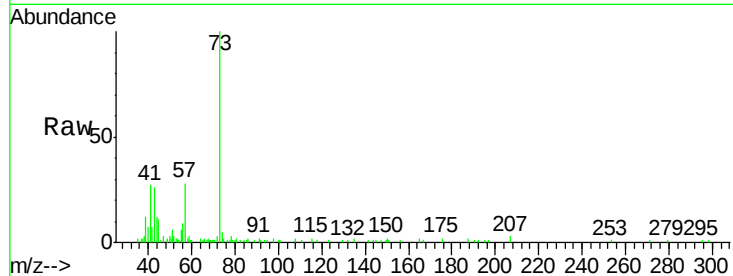
#19
Methvl tert-butvl Ether
Concen: 1.112 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
16718DL

Tot Ion	Ratio	Lower	Upper
73	100		
57	26.5	16.8	25.2#

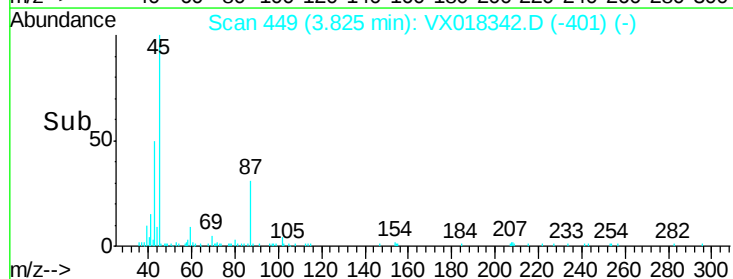
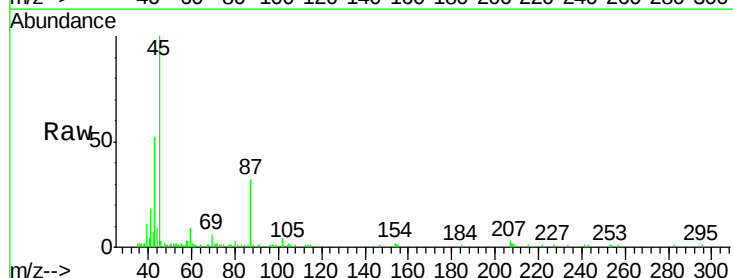
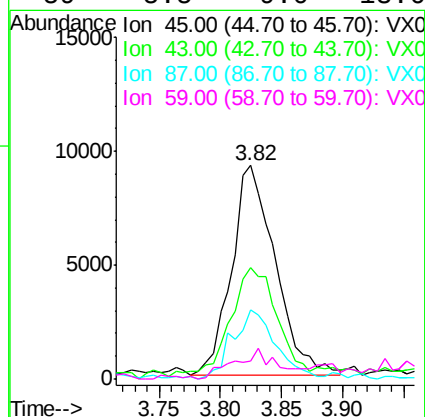
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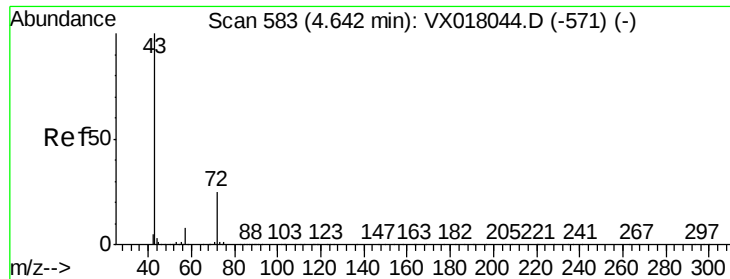
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#22
Diisopropyl ether
Concen: 1.464 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	49.4	52.8	79.2#
87	31.4	22.5	33.7
59	5.5	9.0	13.6#





#25

2-Butanone

Concen: 6.675 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Instrument :

MSVOA_X

ClientSampled :

16718DL

Tot Ion: 43 Resp: 26749

Ion Ratio Lower Upper

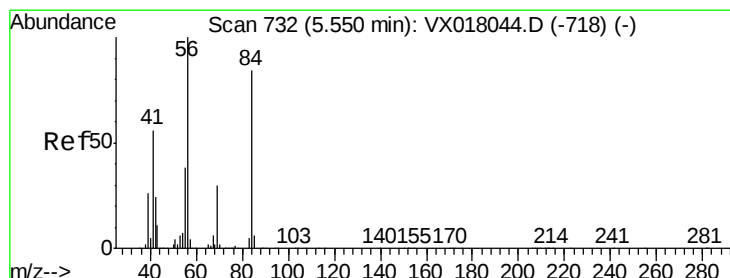
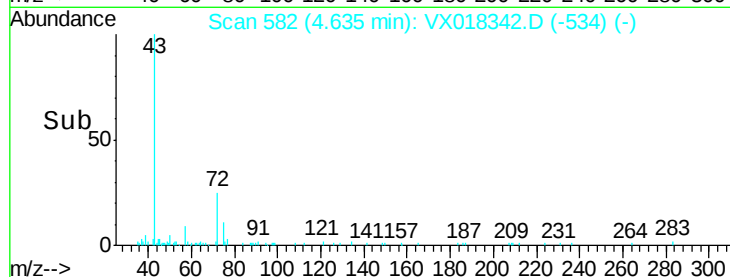
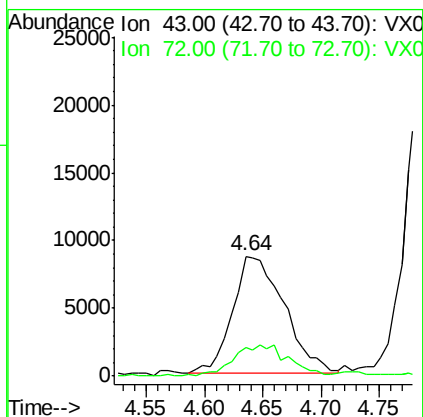
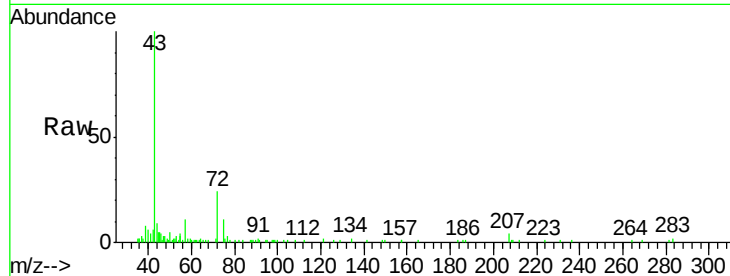
43 100

72 23.4 19.8 29.6

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#31

Cyclohexane

Concen: 0.464 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

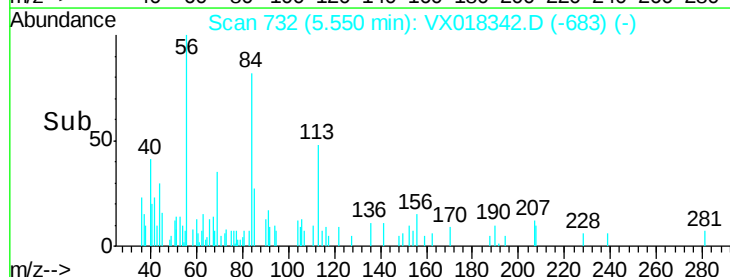
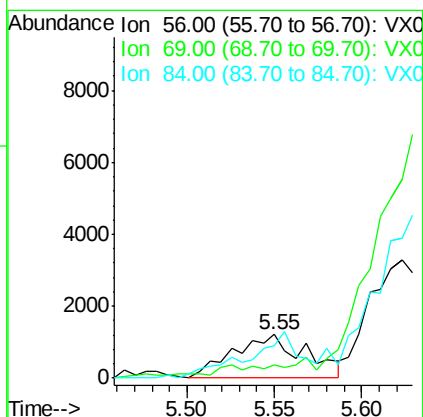
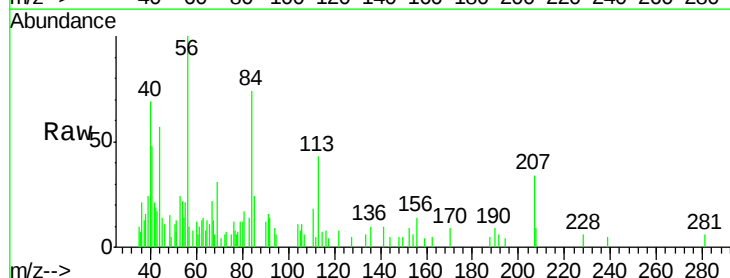
Tgt Ion: 56 Resp: 3478

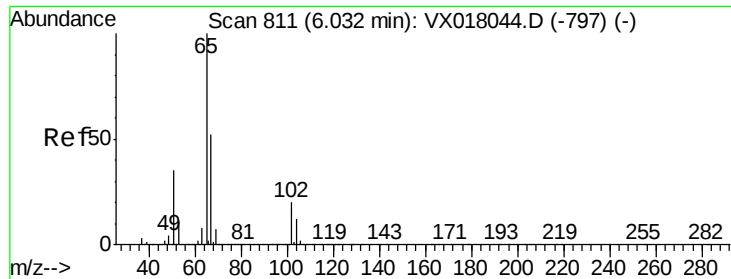
Ion Ratio Lower Upper

56 100

69 22.8 23.9 35.9#

84 68.3 67.0 100.4





#33

1,2-Dichloroethane-d4

Concen: 51.006 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Instrument :

MSVOA_X

ClientSampled :

16718DL

Tot Ion: 65 Resp: 319164

Ion Ratio Lower Upper

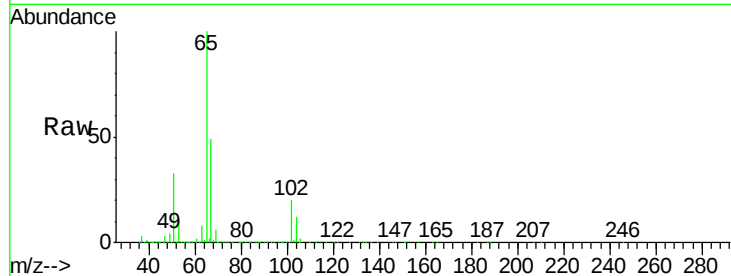
65 100

67 49.5 0.0 105.8

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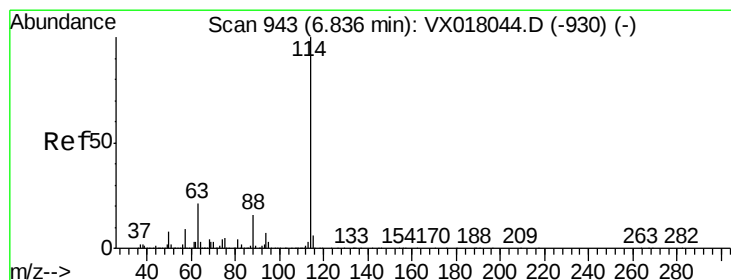
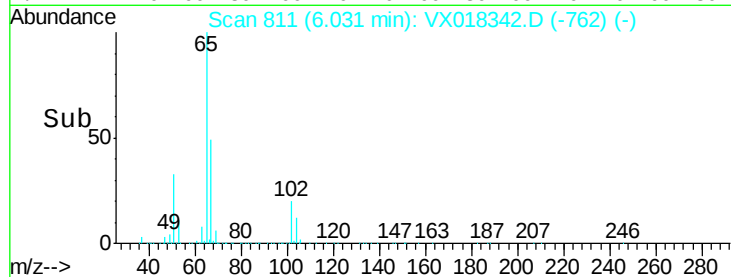
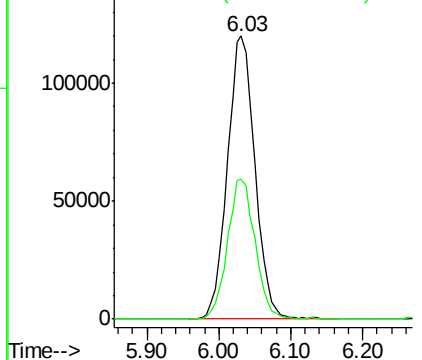
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

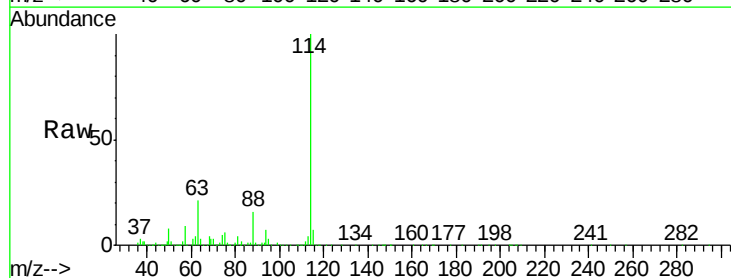
Tgt Ion: 114 Resp: 720034

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

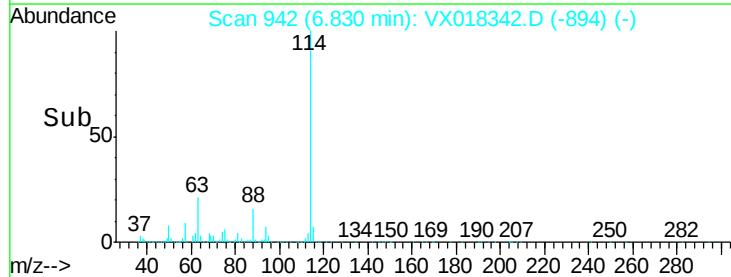
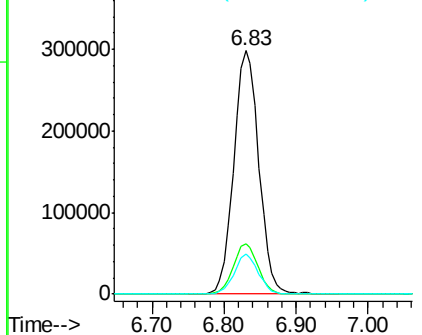
88 16.4 0.0 31.8

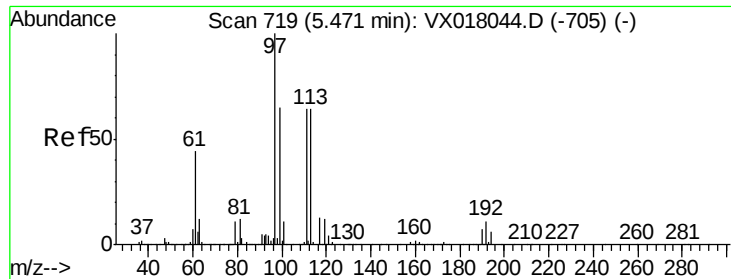


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.466 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Instrument :

MSVOA_X

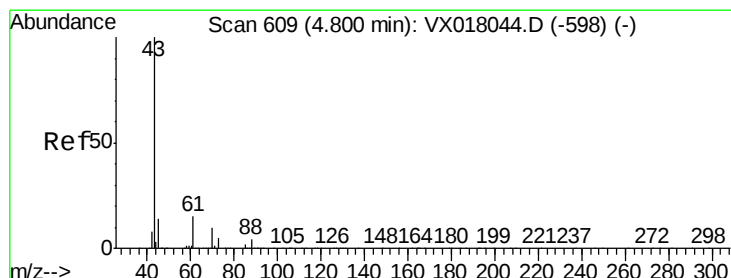
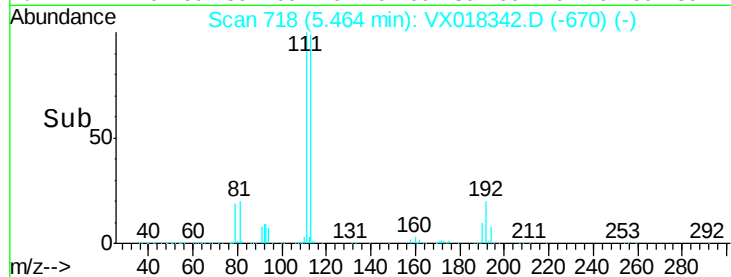
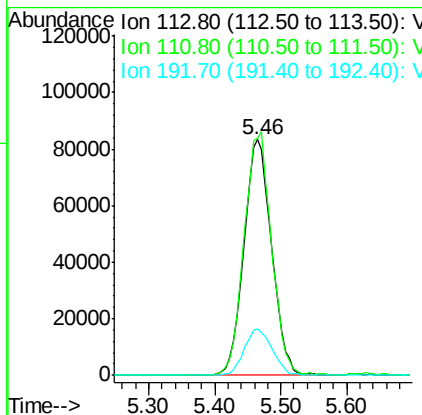
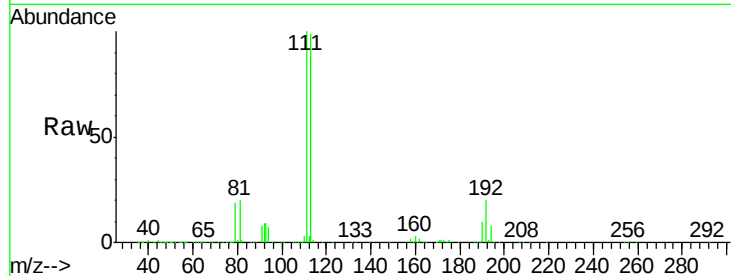
ClientSampleId :

16718DL

Tot Ion:	113	Resp:	242568
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	19.9	15.8	23.8

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#37

Ethyl Acetate

Concen: 11.648 ug/l

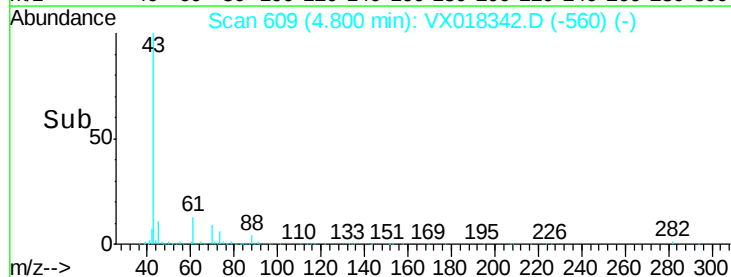
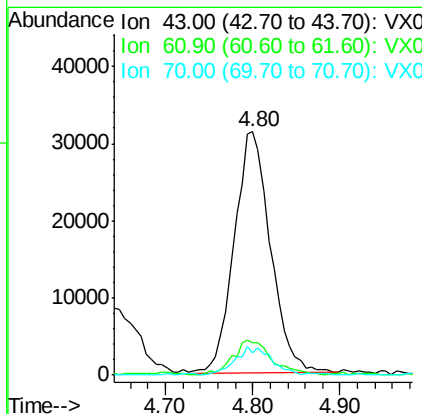
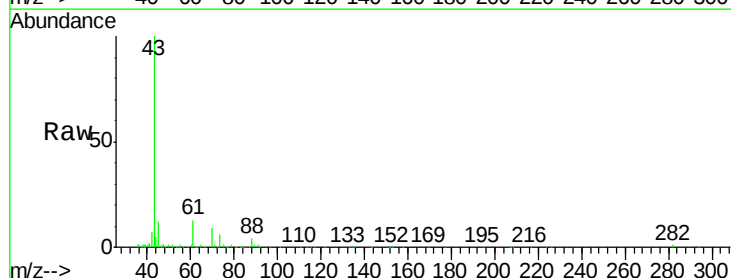
RT: 4.80 min Scan# 609

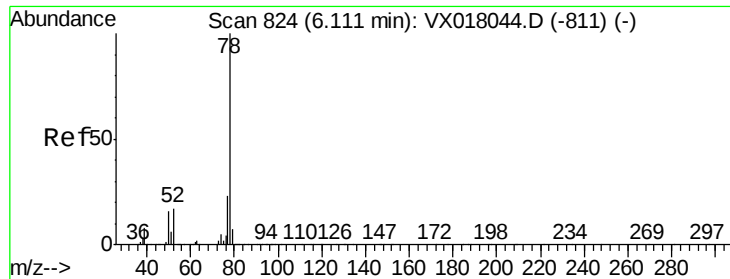
Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Tgt Ion:	43	Resp:	89845
Ion Ratio	Lower	Upper	
43	100		
61	15.6	11.3	16.9
70	11.2	8.2	12.4





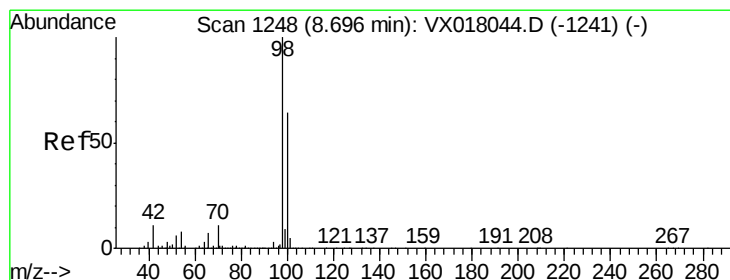
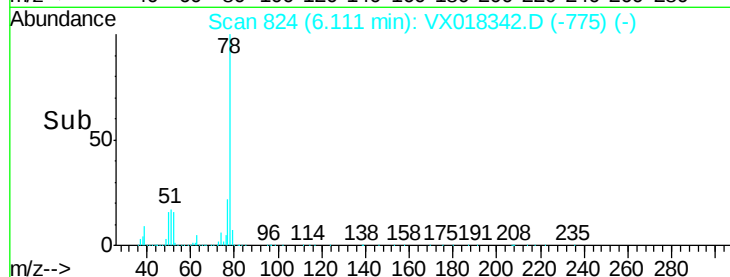
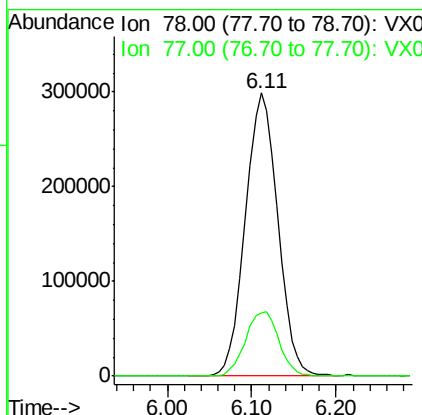
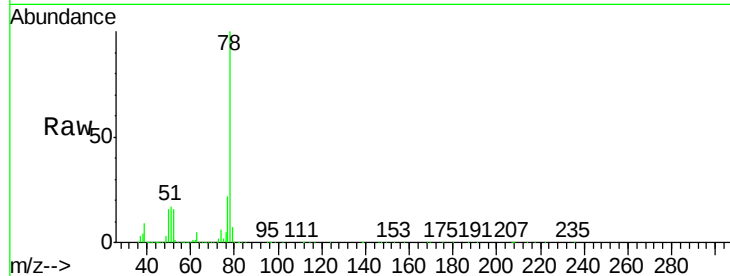
#40
Benzene
Concen: 40.029 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
16718DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.2	27.2

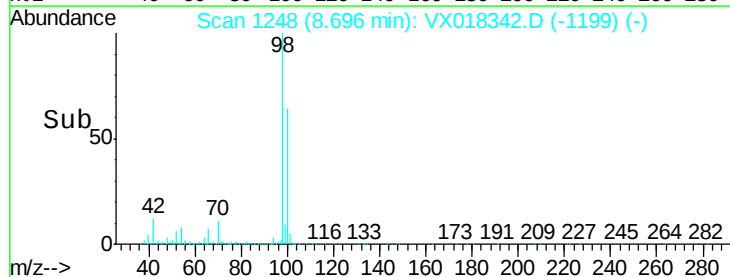
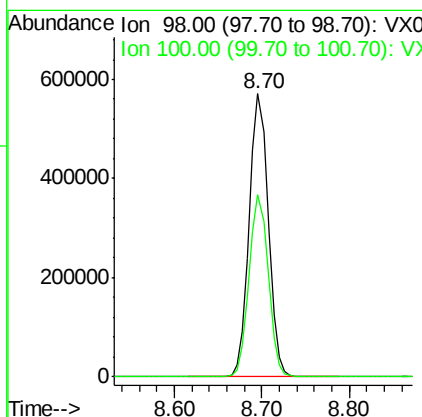
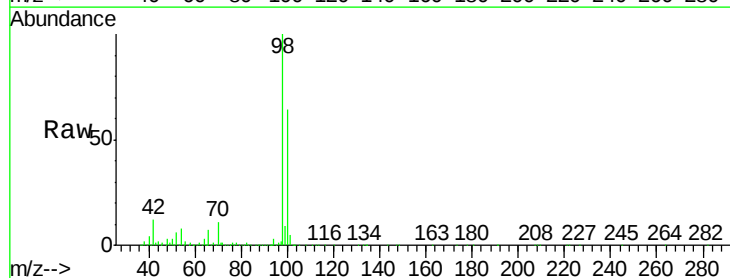
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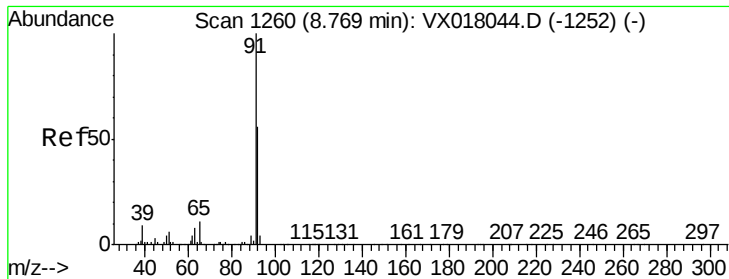
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#50
Toluene-d8
Concen: 47.352 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#52

Toluene

Concen: 66.095 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Instrument :

MSVOA_X

ClientSampled :

16718DL

Tot Ion: 92 Resp: 817870

Ion Ratio Lower Upper

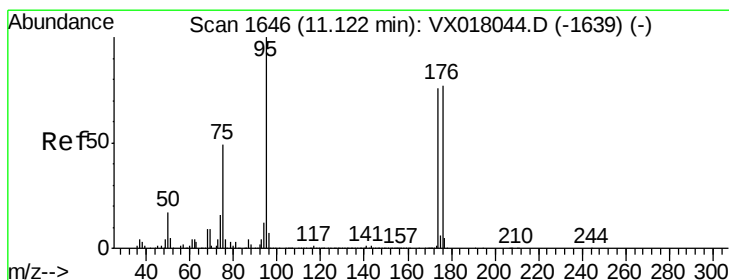
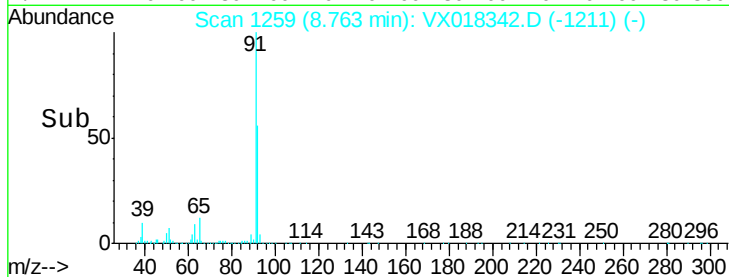
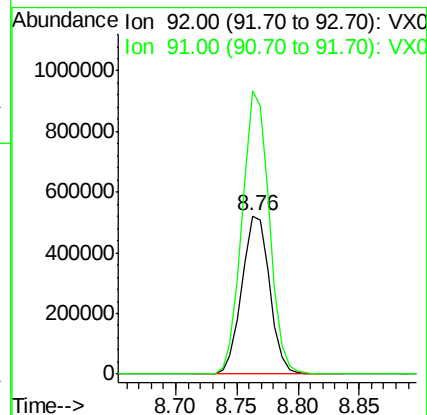
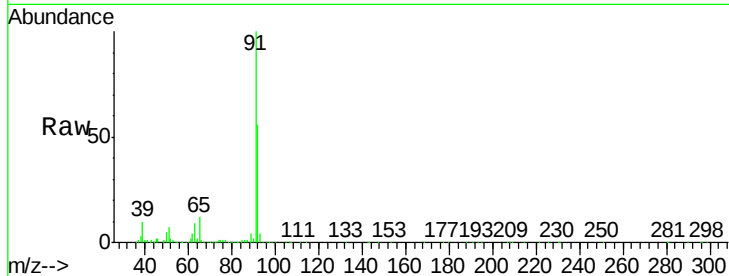
92 100

91 175.1 140.3 210.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 51.059 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

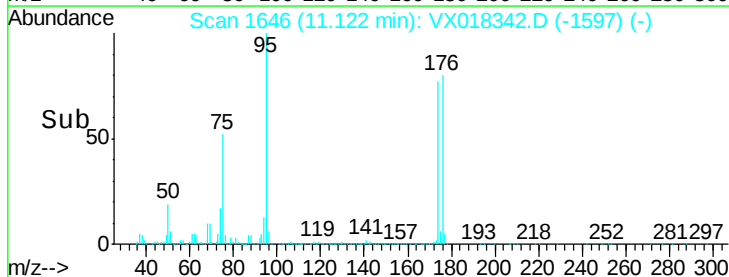
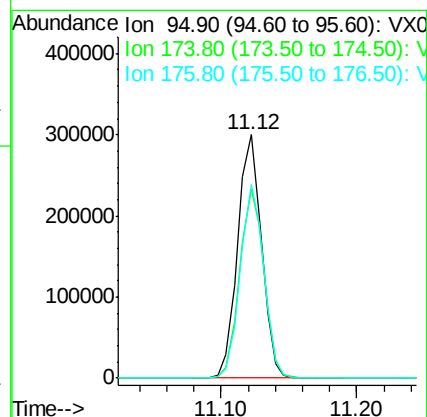
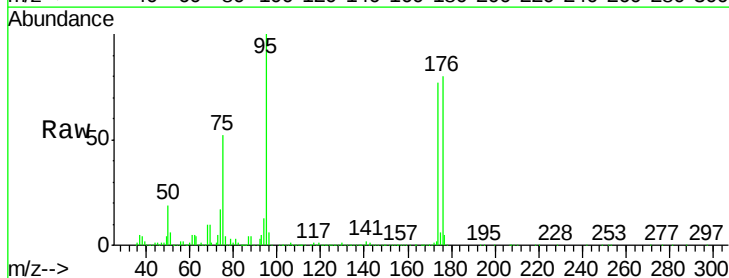
Tgt Ion: 95 Resp: 366904

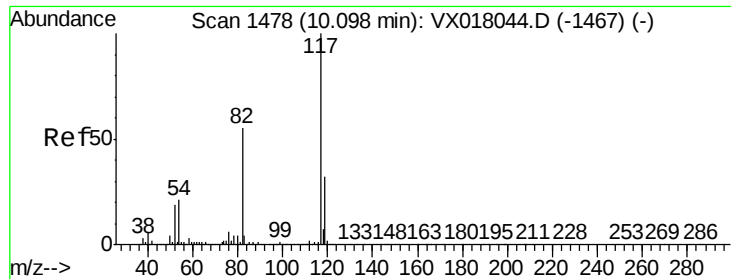
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.2

176 78.4 0.0 155.8





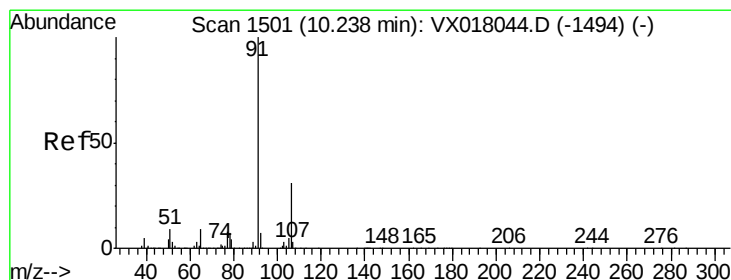
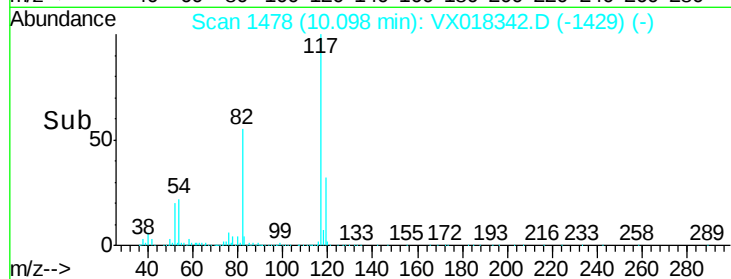
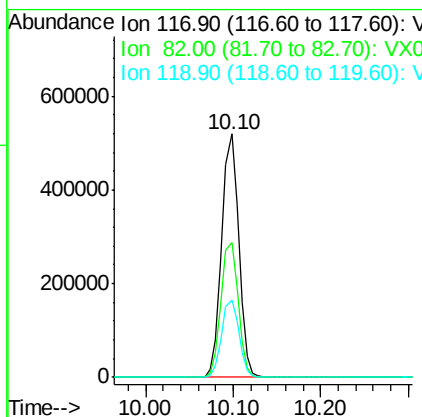
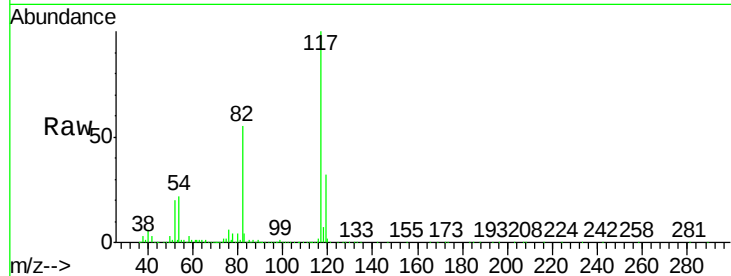
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
16718DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	699057		
82	55.4	44.2	66.2	
119	31.8	25.7	38.5	

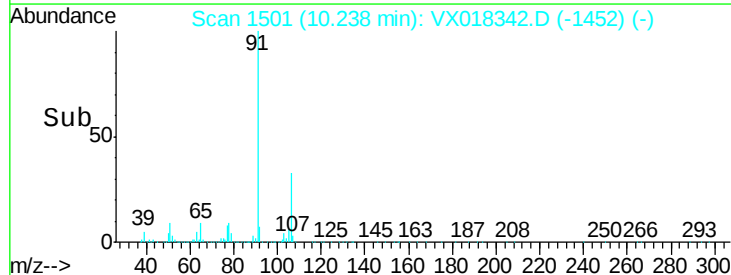
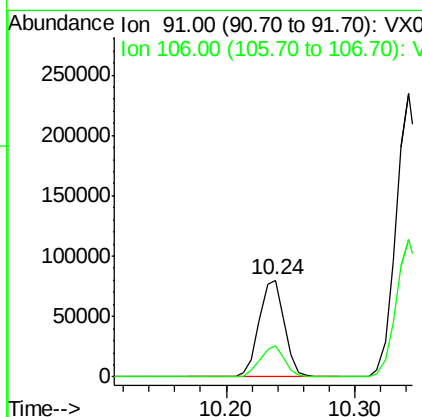
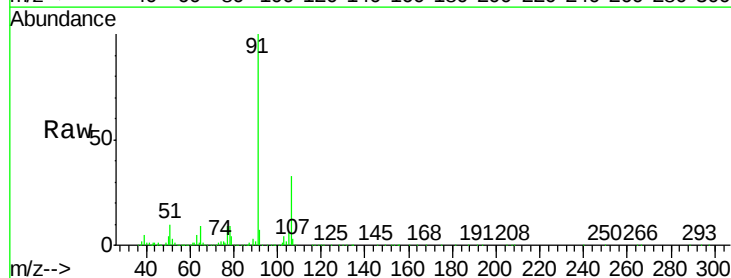
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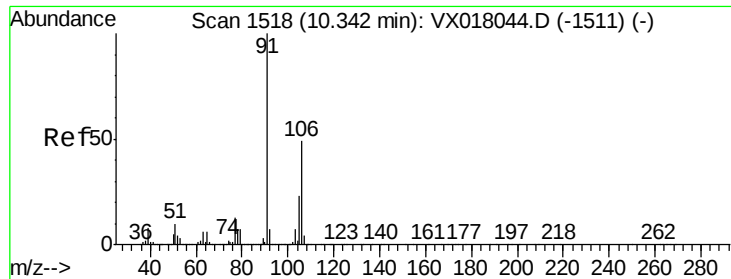
MMDadoda
9/11/2020 10:13:40 AM



#67
Ethyl Benzene
Concen: 4.538 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	107739		
106	32.6	24.9	37.3	





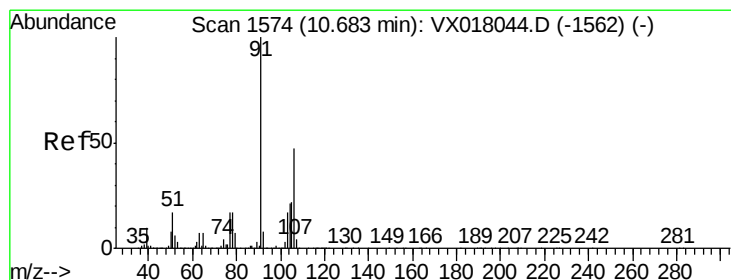
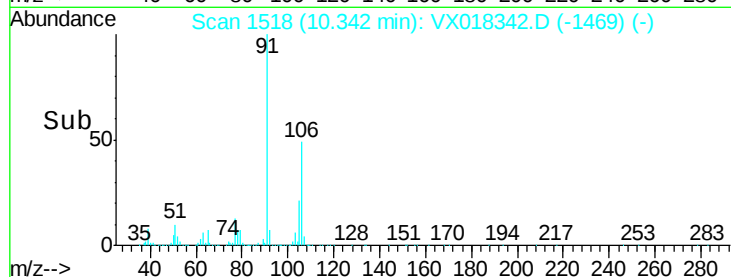
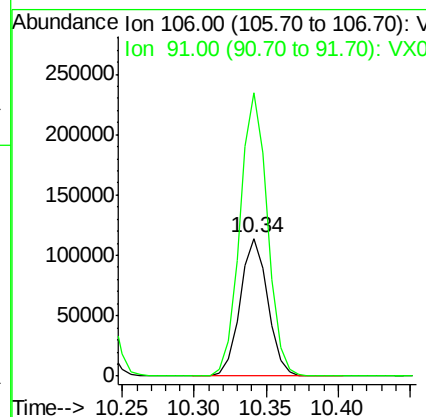
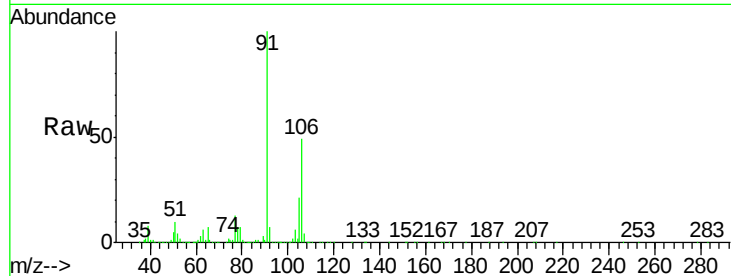
#68
m/p-Xylenes
Concen: 17.156 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Instrument :
MSVOA_X
ClientSampled :
16718DL

Tot Ion:106 Resp: 152036
Ion Ratio Lower Upper
106 100
91 205.0 162.2 243.2

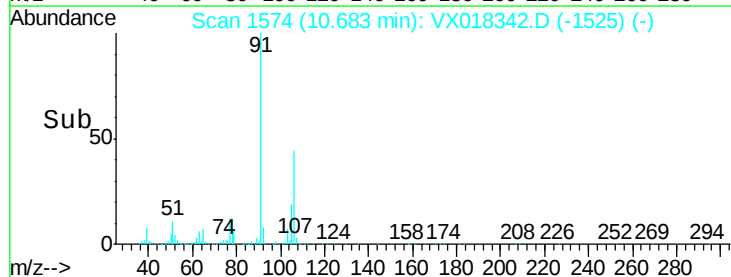
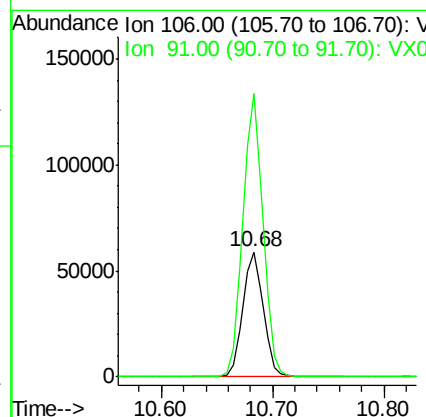
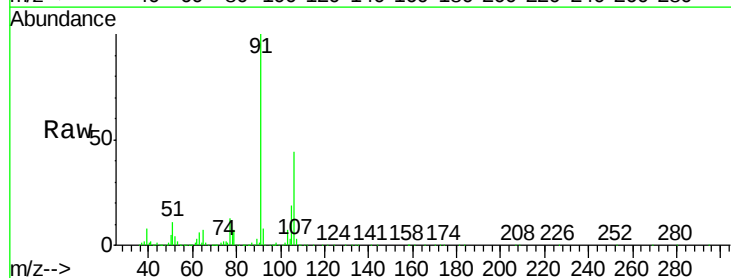
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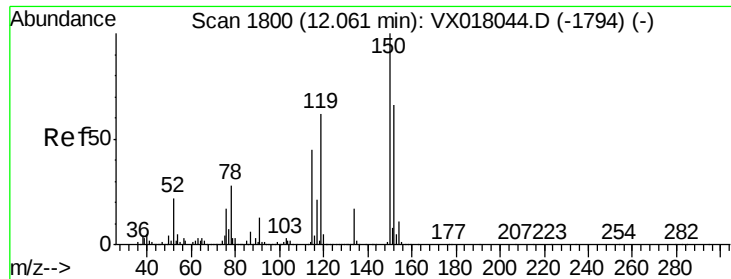
MMDadoda
9/11/2020 10:13:40 AM



#69
o-Xylene
Concen: 8.794 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018342.D
Acq: 10 Sep 2020 16:26

Tgt Ion:106 Resp: 75546
Ion Ratio Lower Upper
106 100
91 220.0 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

16718DL

Tot Ion:152 Resp: 378378

Ion Ratio Lower Upper

152 100

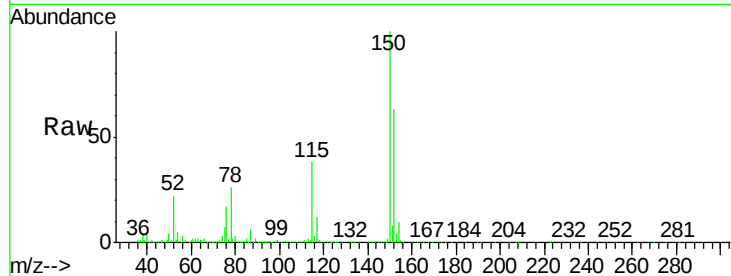
115 59.3 41.5 124.5

150 156.7 0.0 343.8

Manual Integrations
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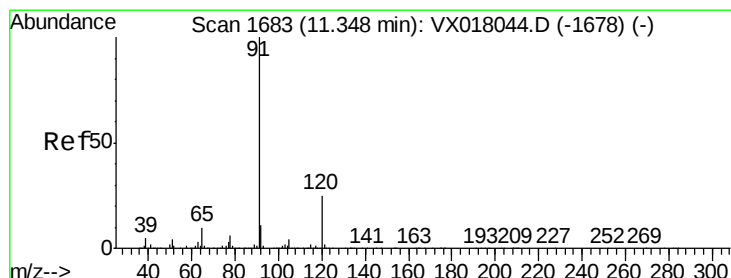
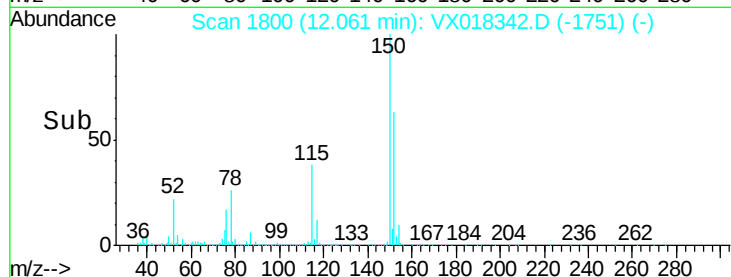
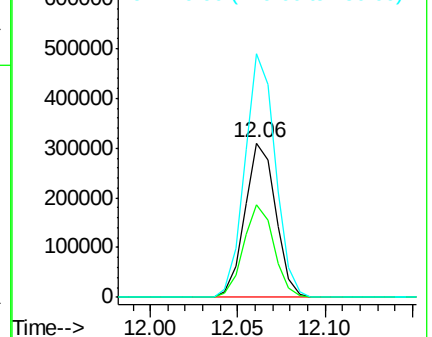
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 0.445 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018342.D

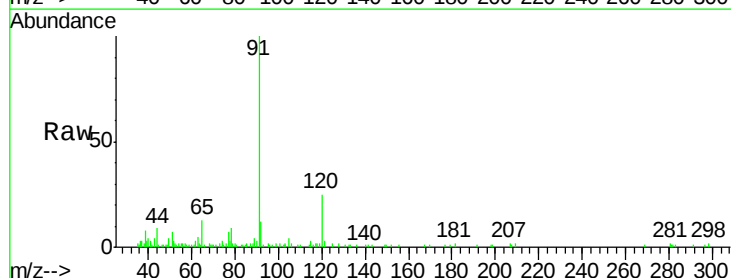
Acq: 10 Sep 2020 16:26

Tgt Ion: 91 Resp: 12604

Ion Ratio Lower Upper

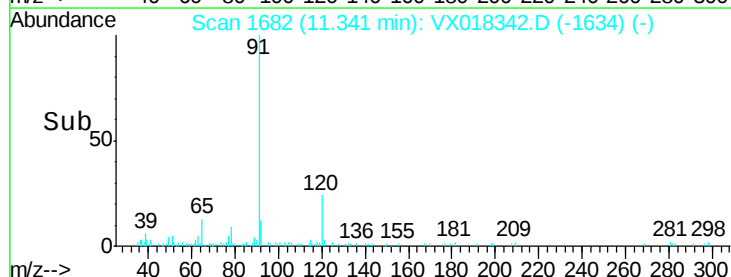
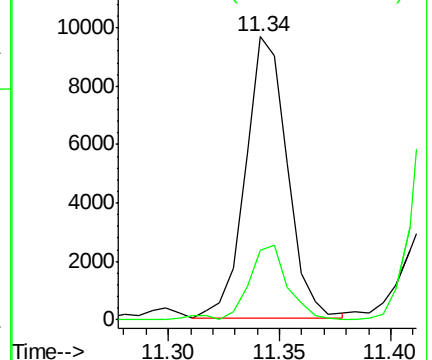
91 100

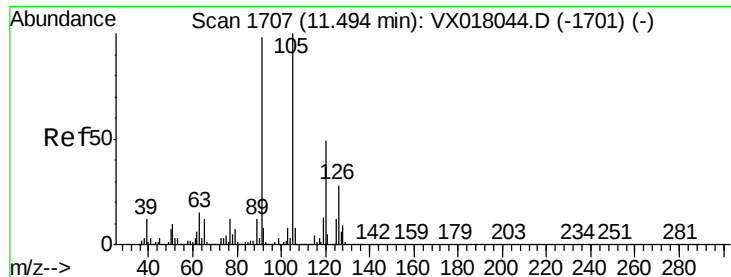
120 24.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





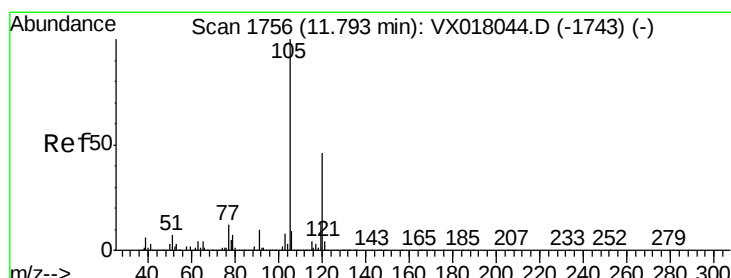
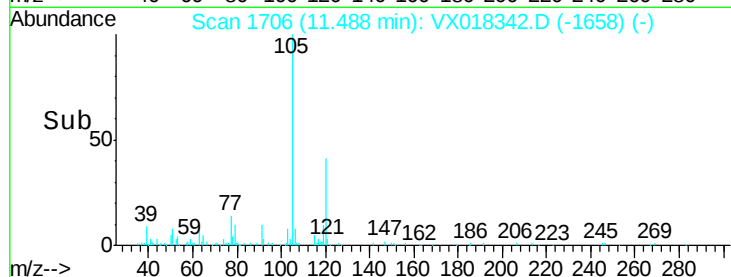
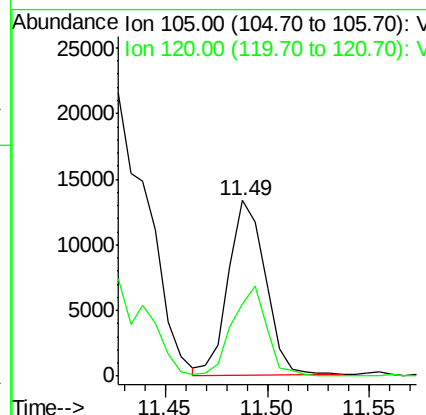
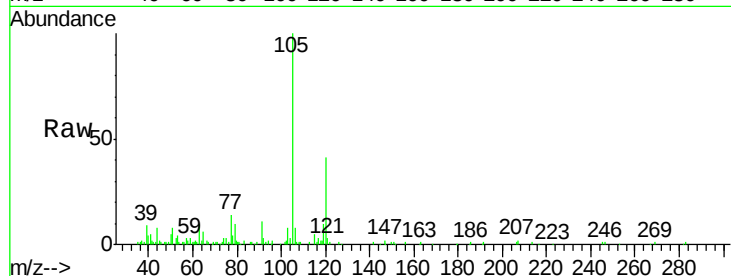
#80
 1,3,5-Trimethylbenzene
 Concen: 0.815 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018342.D
 Acq: 10 Sep 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 16718DL

Tot Ion:105 Resp: 16723
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2

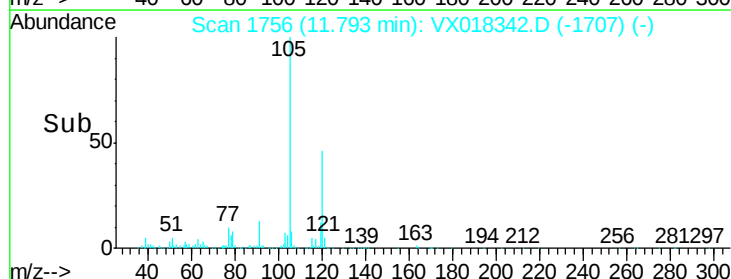
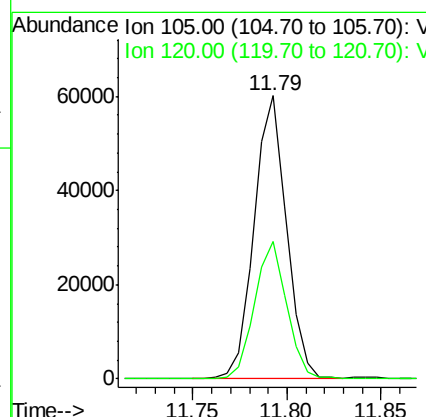
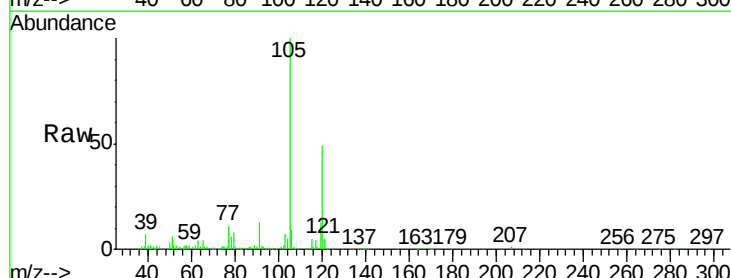
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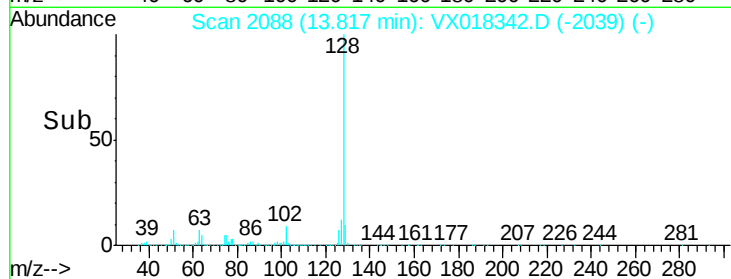
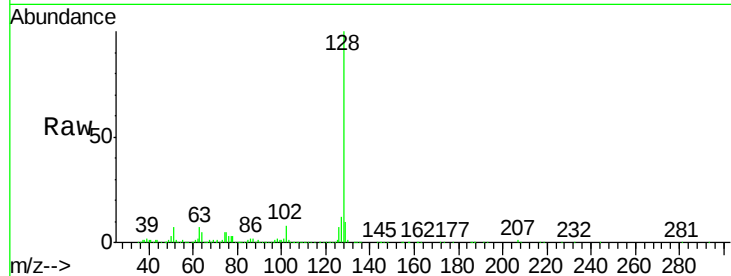
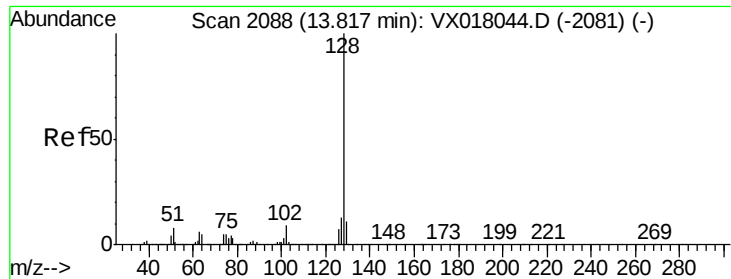
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#84
 1,2,4-Trimethylbenzene
 Concen: 3.421 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018342.D
 Acq: 10 Sep 2020 16:26

Tgt Ion:105 Resp: 71734
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.3 66.9





#95

Naphthalene

Concen: 3.950 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018342.D

Acq: 10 Sep 2020 16:26

Tot Ion:	128	Resp:	98836
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.2
129	11.9	8.7	13.1

Instrument :

MSVOA_X

ClientSampleId :

16718DL

Manual Integrations
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9/11/2020 10:13:40 AM

