

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063020\
 Data File : VX017051.D
 Acq On : 30 Jun 2020 17:33
 Operator : JC/SP
 Sample : L3123-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
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 7/1/2020 10:49:28 AM

Quant Time: Jul 01 09:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	231955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211551	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	152013	53.16	ug/l	0.00
Spiked Amount						
			Recovery	=	106.32%	
35) Dibromofluoromethane	5.46	113	131989	52.02	ug/l	0.00
Spiked Amount						
			Recovery	=	104.04%	
50) Toluene-d8	8.70	98	492095	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.12	95	205493	56.03	ug/l	0.00
Spiked Amount						
			Recovery	=	112.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	12050	4.781	ug/l	98
12) 1,1-Dichloroethene	2.36	96	97867	42.646	ug/l	97
16) Acetone	2.42	43	509062	475.880	ug/l	98
24) 1,1-Dichloroethane	3.67	63	83324	18.656	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	16957	5.876	ug/l	90
39) Methylcyclohexane	7.44	83	2030	0.481	ug/l #	75
40) Benzene	6.11	78	4037	0.362	ug/l #	75
42) 1,2-Dichloroethane	6.17	62	9115	2.266	ug/l	96
44) Trichloroethene	7.20	130	2579	0.533	ug/l	87
49) 1,4-Dioxane	7.71	88	47336	688.133	ug/l	96
68) m/p-Xylenes	10.34	106	1838	0.339	ug/l	94
69) o-Xylene	10.68	106	1118	0.217	ug/l	88
78) n-propylbenzene	11.34	91	3895	0.249	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	4517	0.393	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	12240	1.050	ug/l	99
85) sec-Butylbenzene	11.93	105	4327	0.326	ug/l	95
86) p-Isopropyltoluene	12.01	119	2645	0.214	ug/l	91
89) n-Butylbenzene	12.37	91	2552m	0.231	ug/l	

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

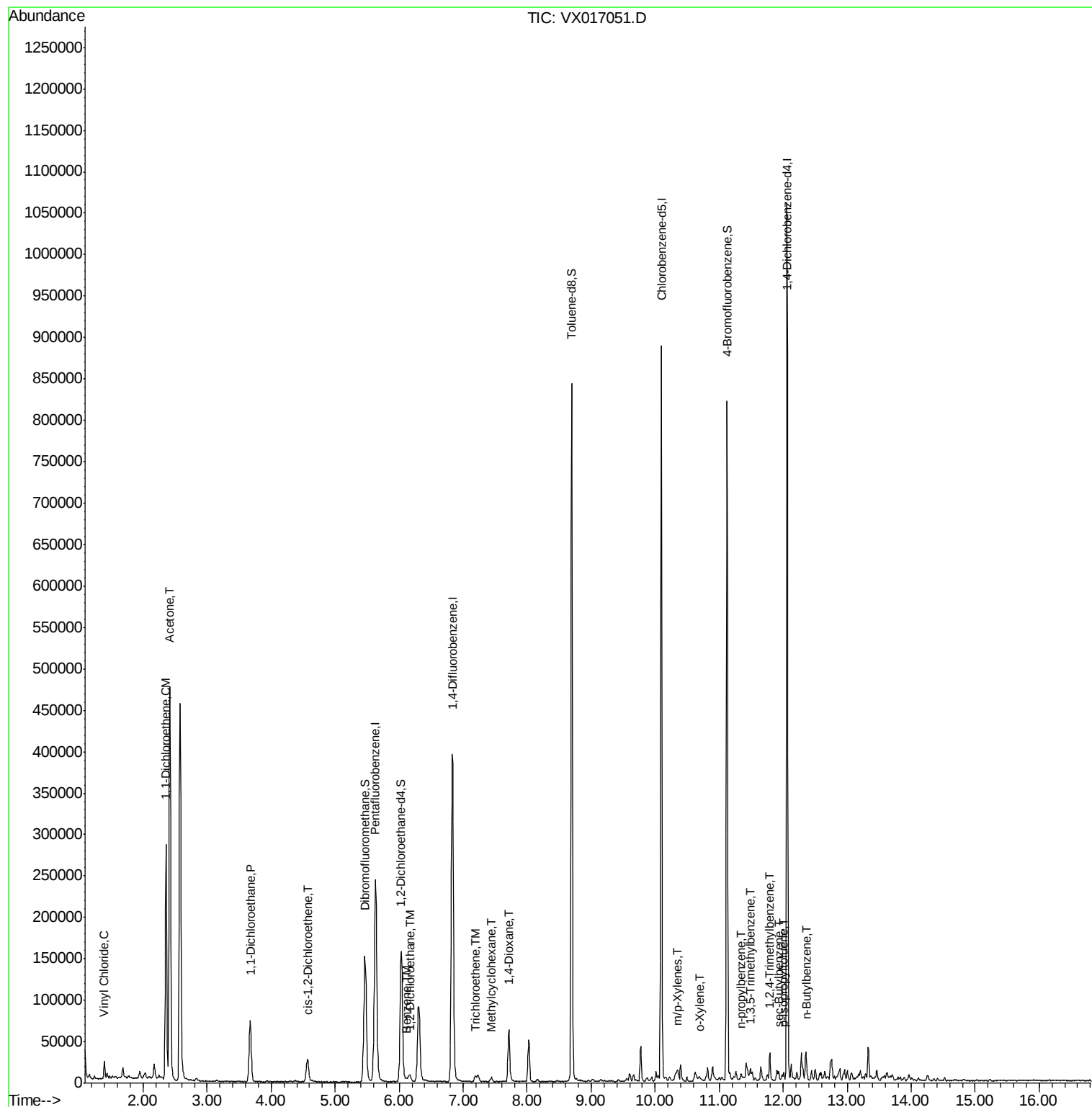
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017051.D
Acq On : 30 Jun 2020 17:33
Operator : JC/SP
Sample : L3123-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
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Quant Time: Jul 01 09:28:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion:168 Resp: 231955

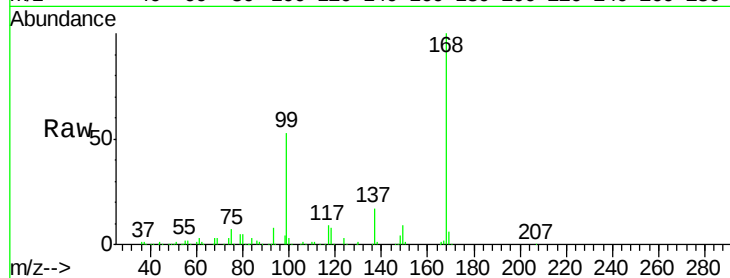
Ion Ratio Lower Upper

168 100

99 53.1 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

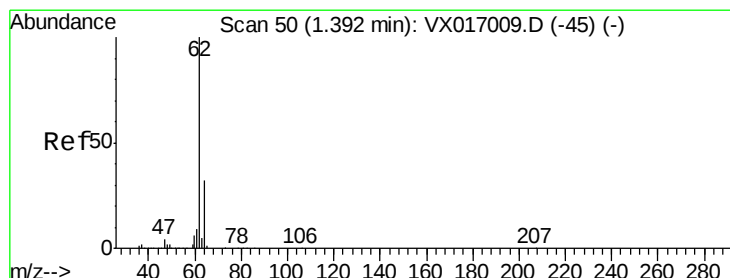
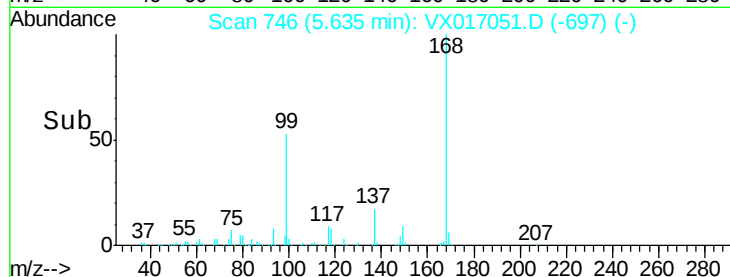
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 4.781 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017051.D

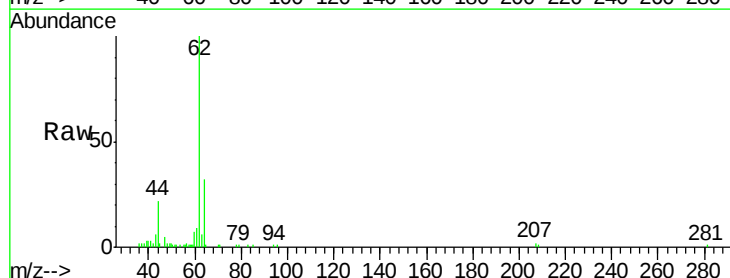
Acq: 30 Jun 2020 17:33

Tgt Ion: 62 Resp: 12050

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

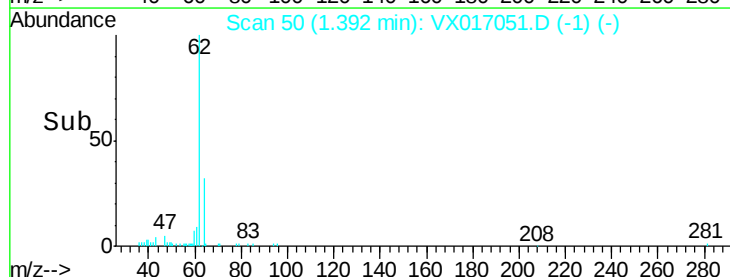
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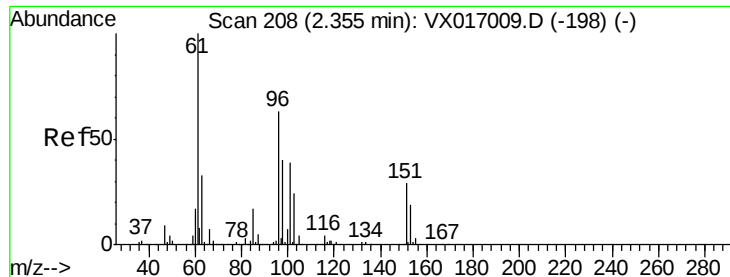
5000

0

1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 42.646 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

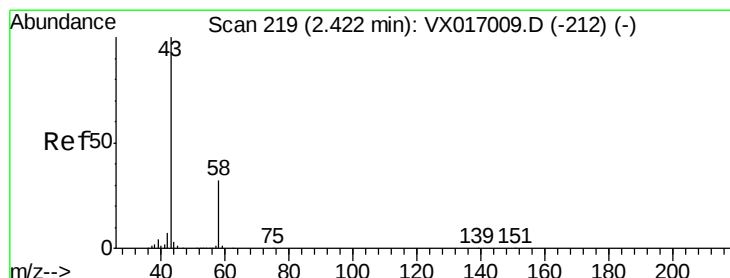
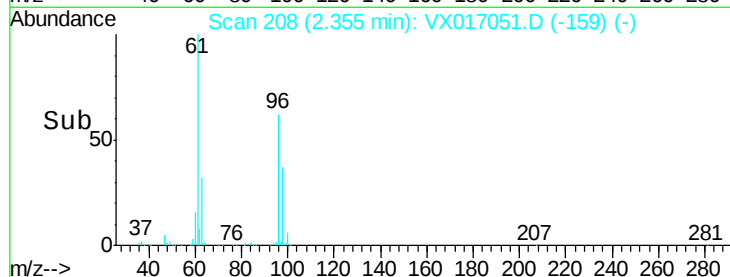
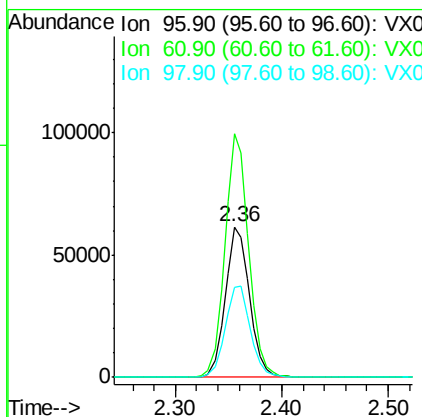
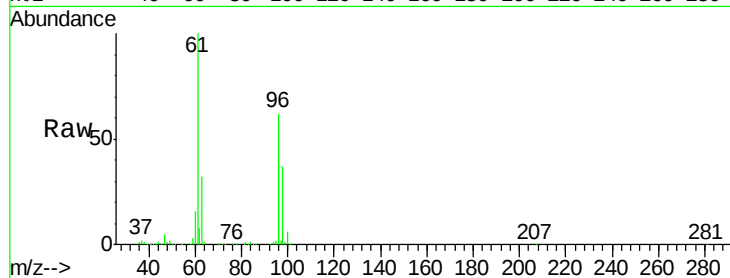
ClientSampled :

MW-2

Tot Ion:	96	Resp:	97867
Ion	Ratio	Lower	Upper
96	100		
61	161.6	126.3	189.5
98	59.9	51.0	76.6

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#16

Acetone

Concen: 475.880 ug/l

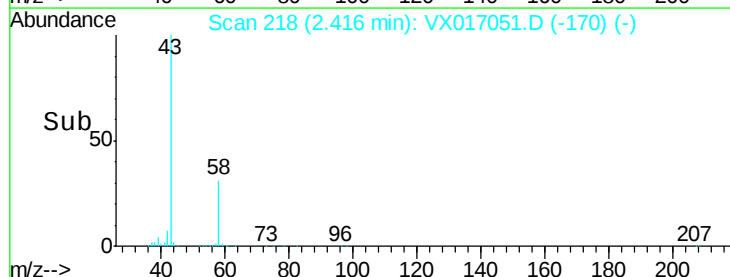
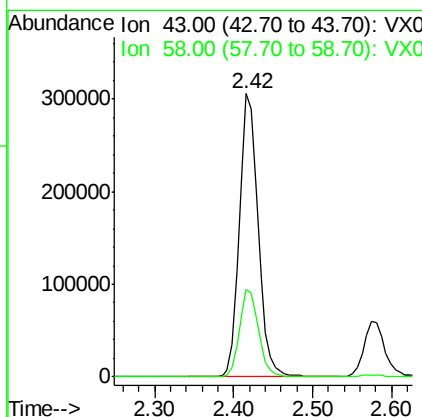
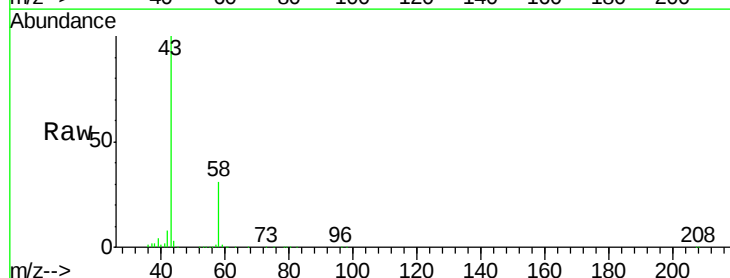
RT: 2.42 min Scan# 218

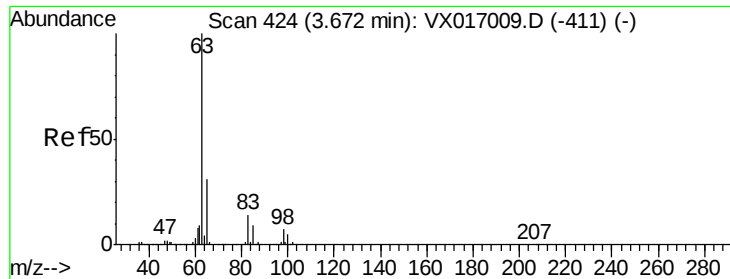
Delta R.T. -0.01 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Tgt Ion:	43	Resp:	509062
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.7	38.5





#24

1,1-Dichloroethane

Concen: 18.656 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

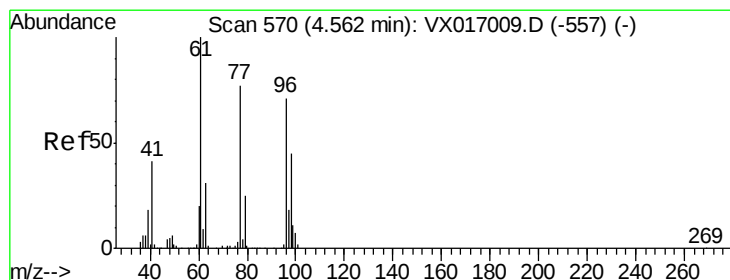
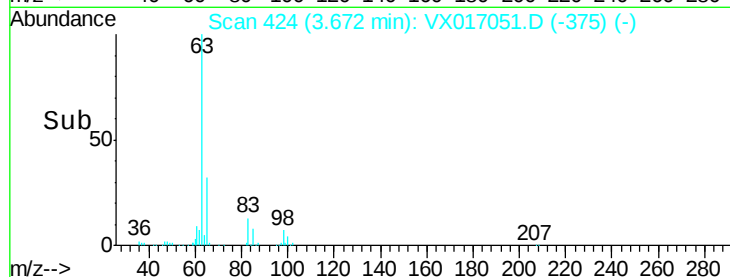
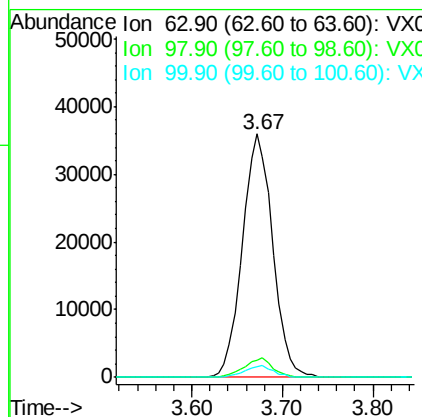
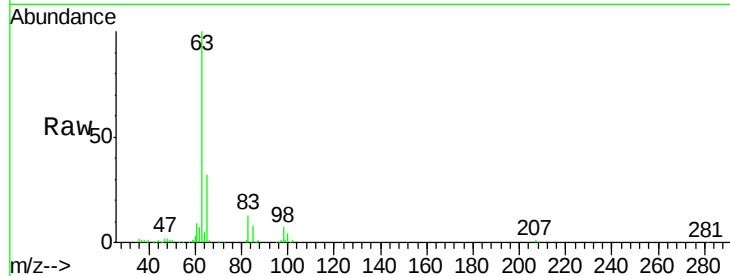
ClientSampleId :

MW-2

Tot Ion:	63	Resp:	83324
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.6	10.8
100	4.1	2.4	7.1

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#27

cis-1,2-Dichloroethene

Concen: 5.876 ug/l

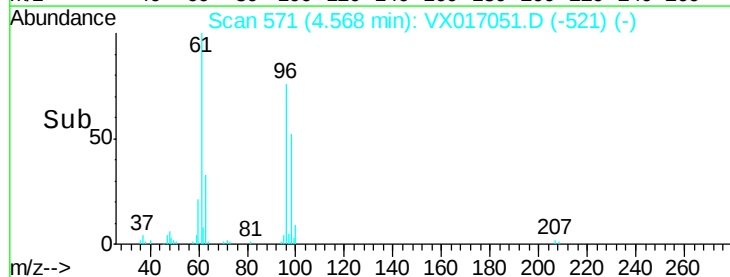
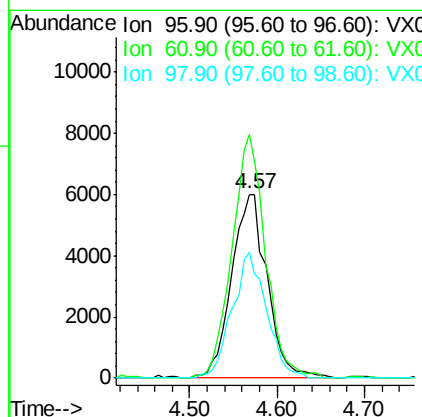
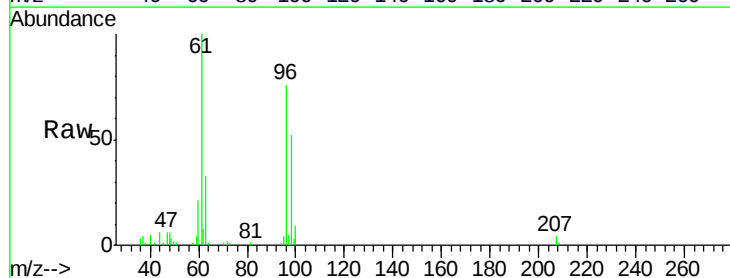
RT: 4.57 min Scan# 571

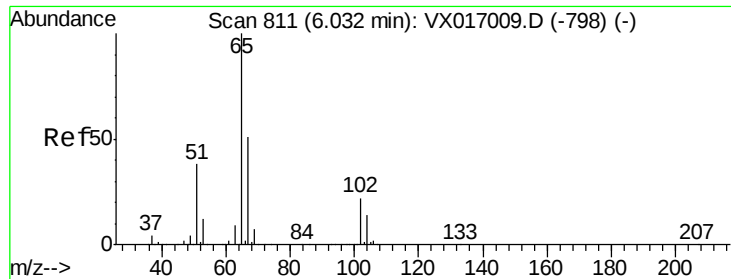
Delta R.T. 0.01 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Tgt Ion:	96	Resp:	16957
Ion Ratio	Lower	Upper	
96	100		
61	125.1	0.0	282.8
98	65.9	0.0	127.6





#33

1,2-Dichloroethane-d4

Concen: 53.160 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion: 65 Resp: 152013

Ion Ratio Lower Upper

65 100

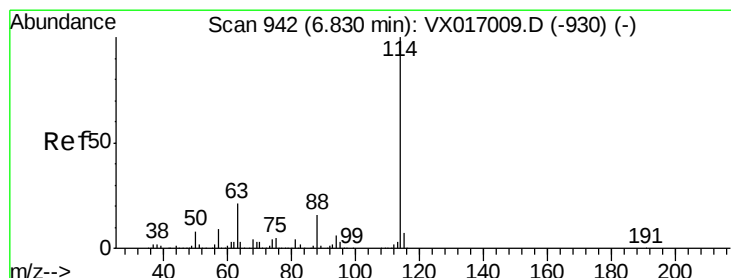
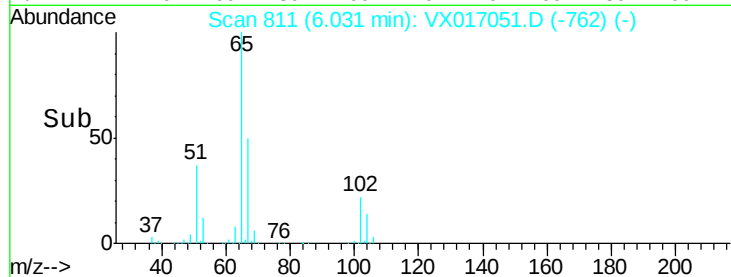
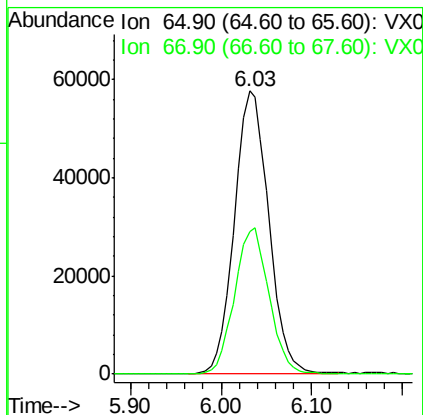
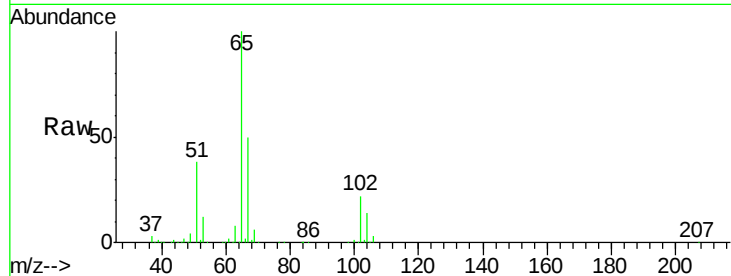
67 51.6 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

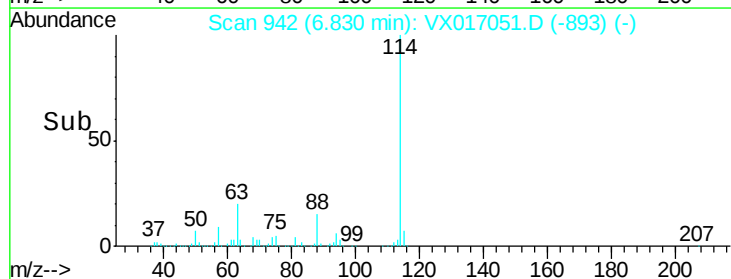
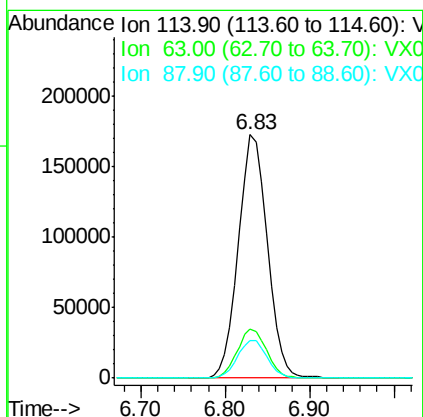
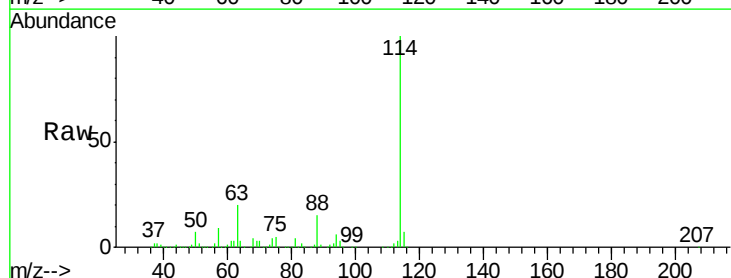
Tgt Ion: 114 Resp: 401087

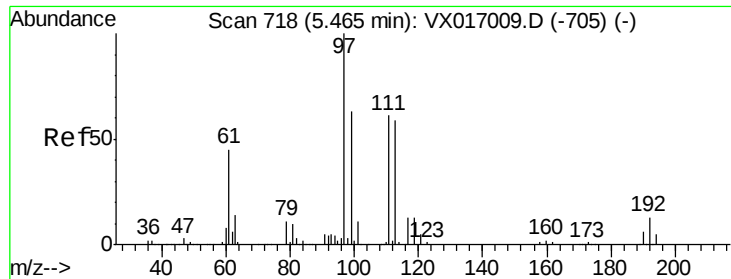
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.2 0.0 32.4





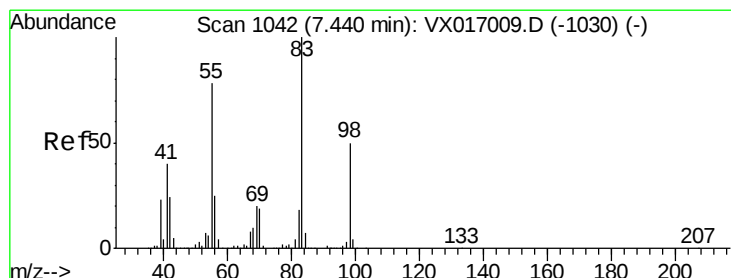
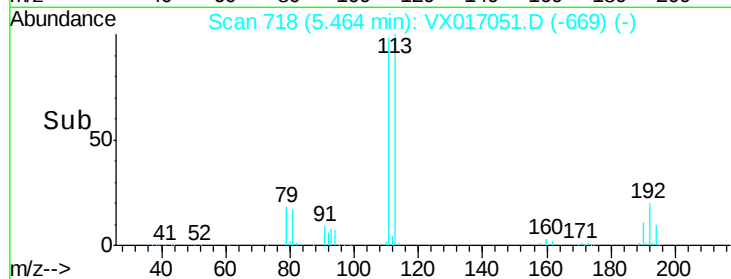
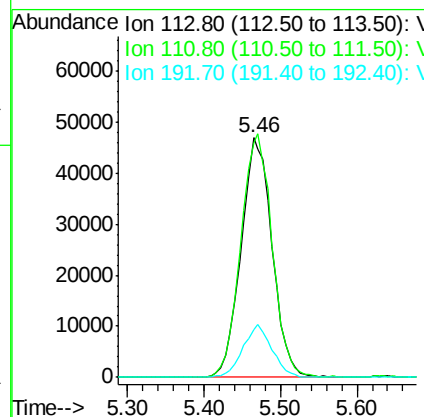
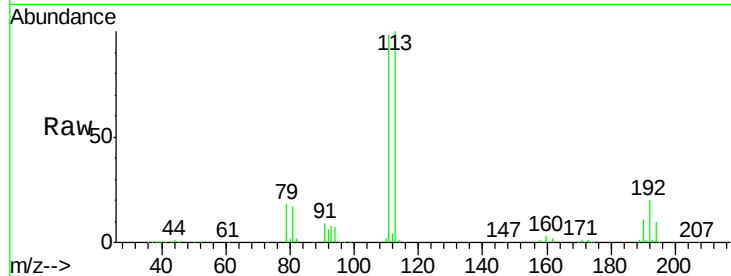
#35
 Dibromofluoromethane
 Concen: 52.022 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017051.D
 Acq: 30 Jun 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131989		
111	102.8	81.9	122.9	
192	20.7	16.7	25.1	

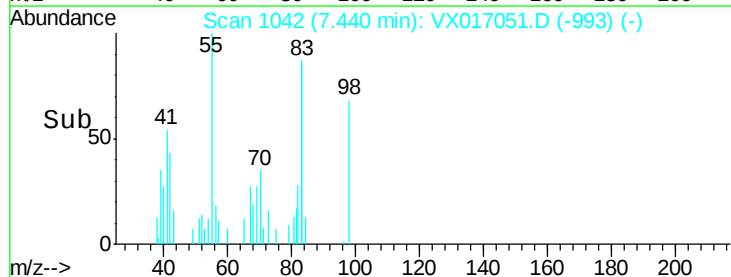
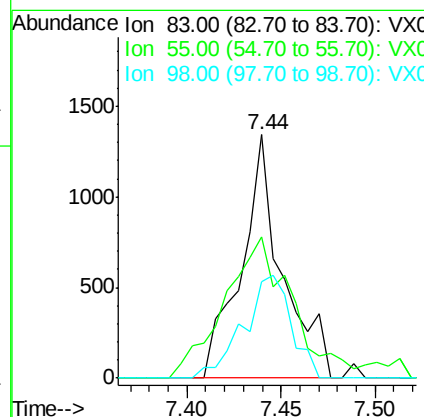
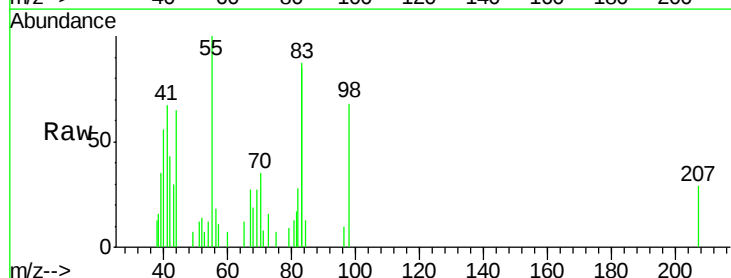
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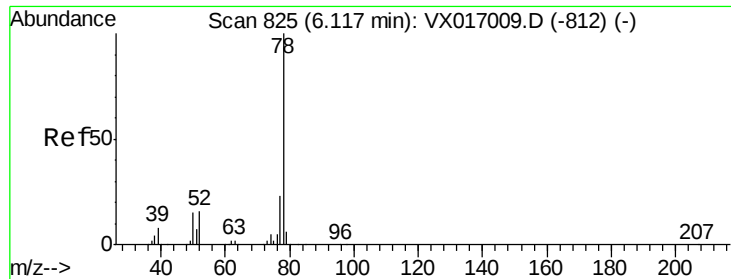
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#39
 Methylcyclohexane
 Concen: 0.481 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017051.D
 Acq: 30 Jun 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	2030		
55	50.6	62.5	93.7#	
98	39.6	40.1	60.1#	





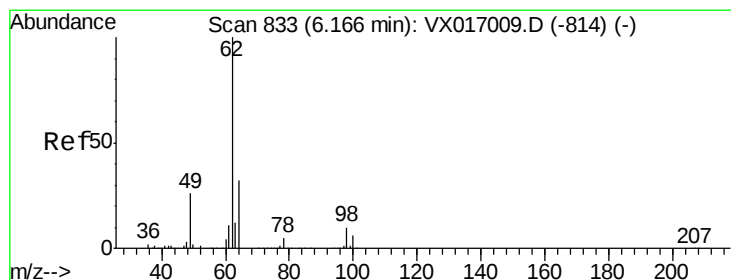
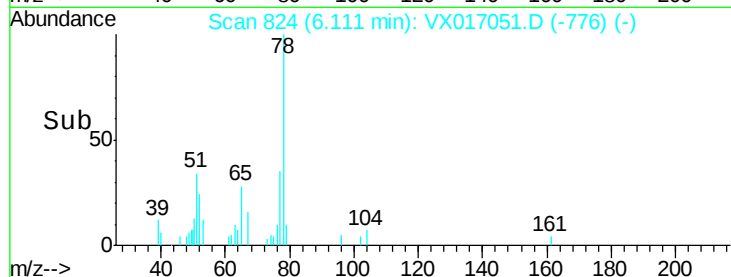
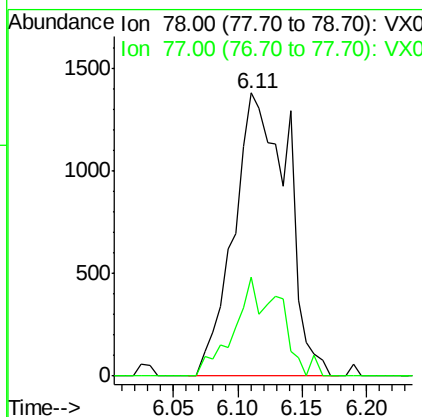
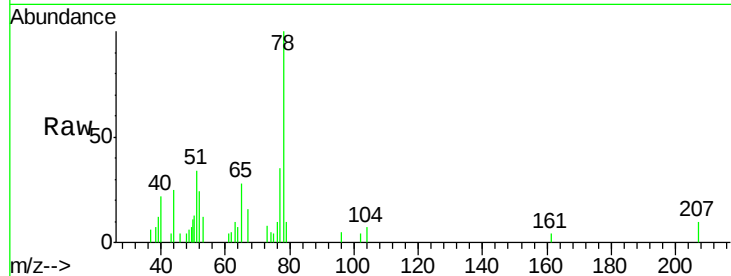
#40
Benzene
Concen: 0.362 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion	78	Resp	4037
Ion Ratio	100	Lower	Upper
77	35.0	18.3	27.5#

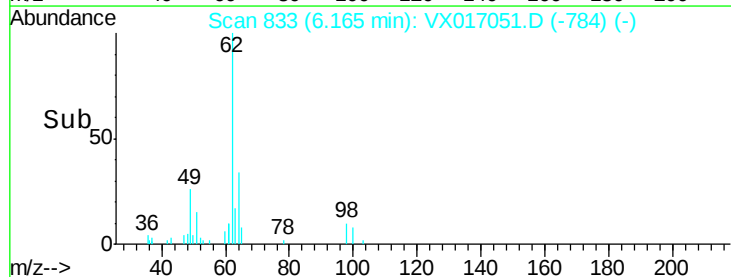
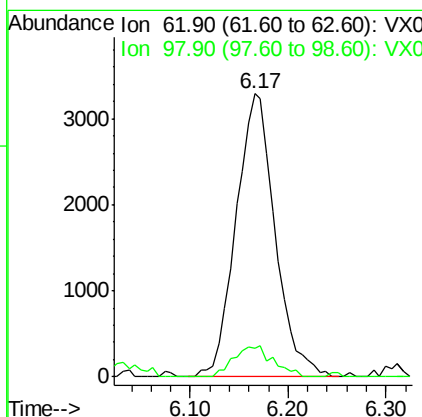
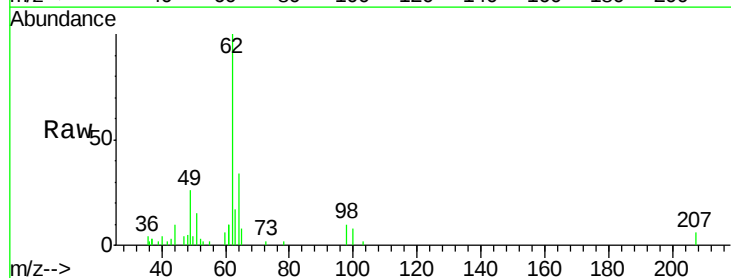
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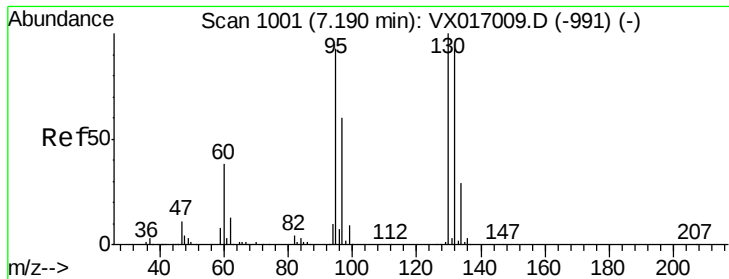
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#42
1,2-Dichloroethane
Concen: 2.266 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Tgt Ion	62	Resp	9115
Ion Ratio	100	Lower	Upper
98	11.1	0.0	19.2





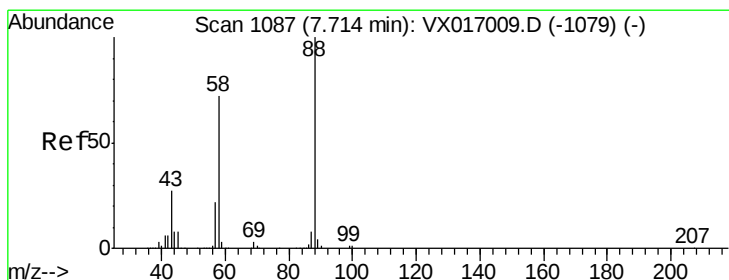
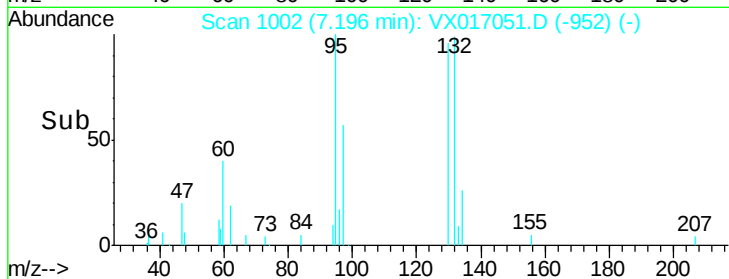
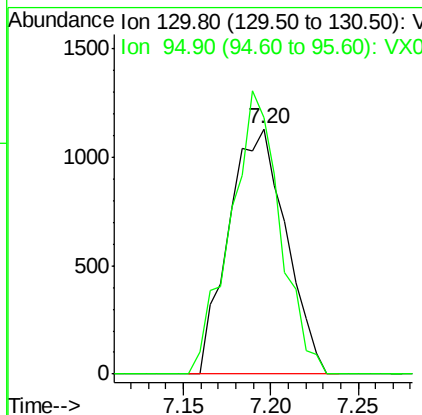
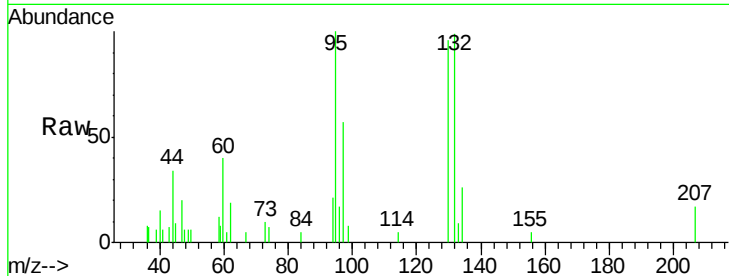
#44
 Trichloroethene
 Concen: 0.533 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX017051.D
 Acq: 30 Jun 2020 17:33

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

Tot Ion:130 Resp: 2579
 Ion Ratio Lower Upper
 130 100
 95 104.7 0.0 185.0

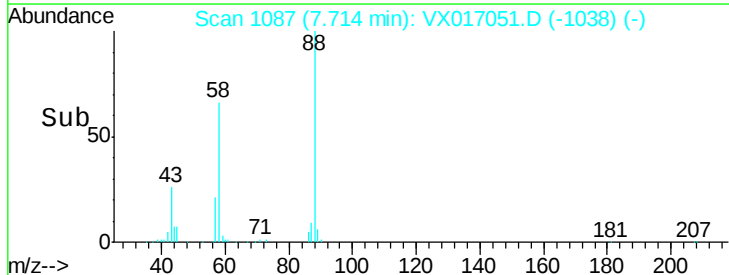
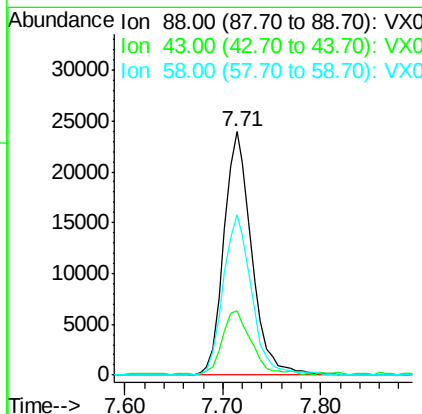
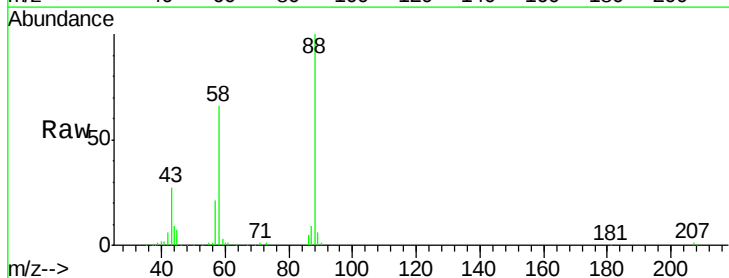
Manual Integrations
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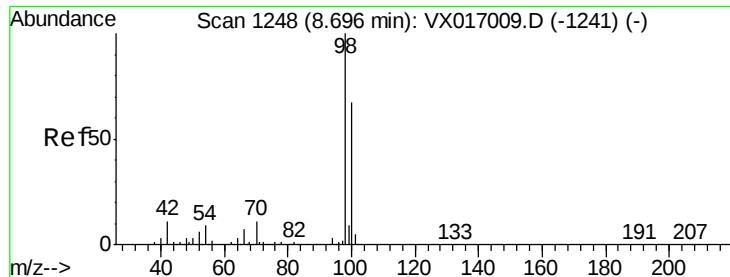
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#49
 1,4-Dioxane
 Concen: 688.133 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017051.D
 Acq: 30 Jun 2020 17:33

Tgt Ion: 88 Resp: 47336
 Ion Ratio Lower Upper
 88 100
 43 26.5 25.8 38.8
 58 67.3 54.8 82.2





#50

Toluene-d8

Concen: 52.452 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion: 98 Resp: 492095

Ion Ratio Lower Upper

98 100

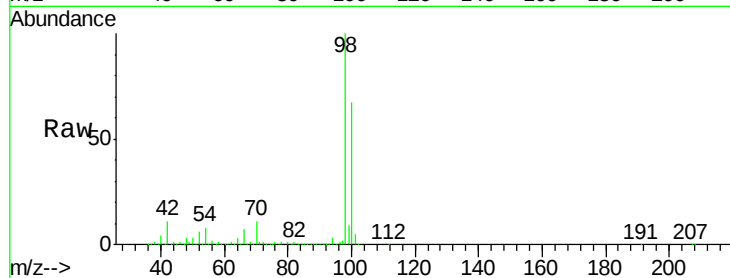
100 66.6 53.8 80.6

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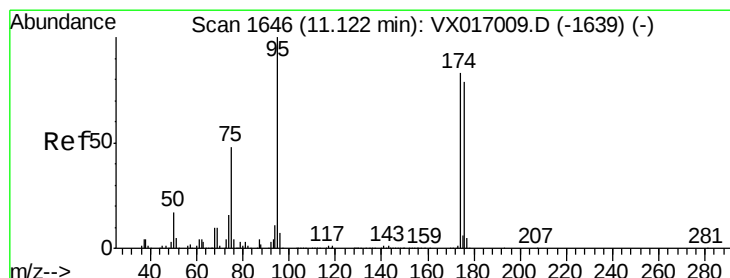
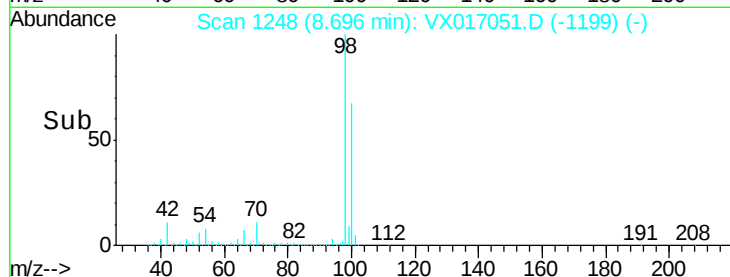
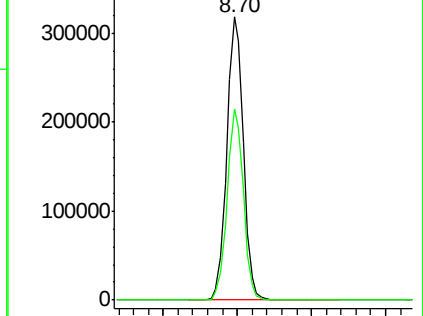
MMDadoda

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 56.031 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

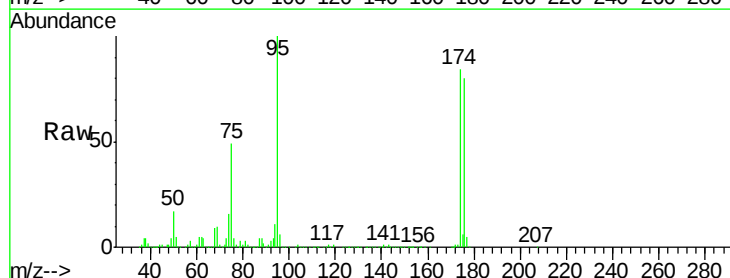
Tgt Ion: 95 Resp: 205493

Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

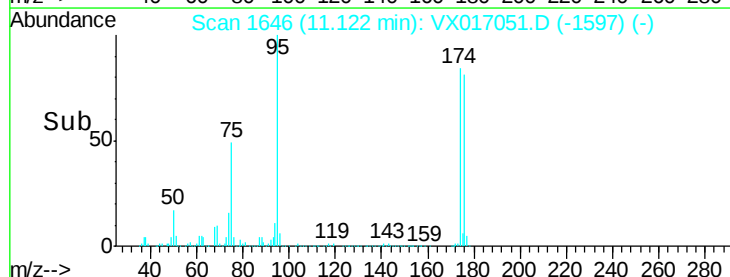
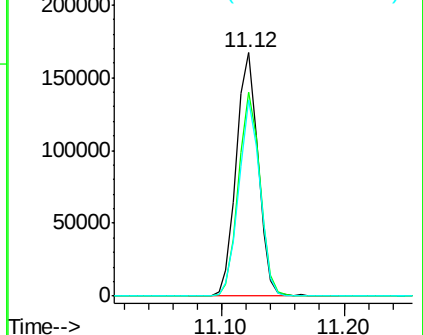
176 78.3 0.0 157.6

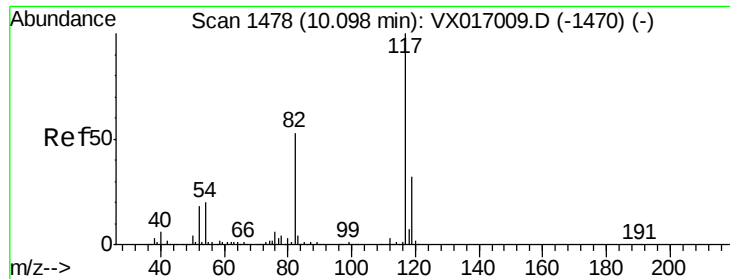


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

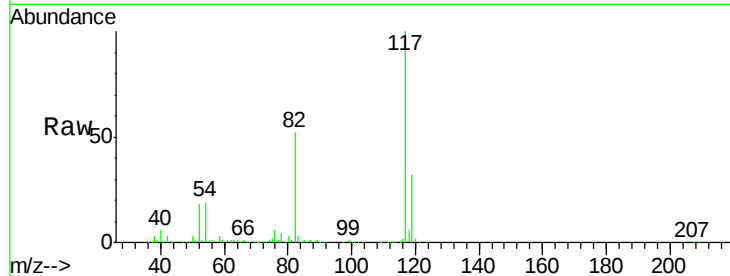
ClientSampled :

MW-2

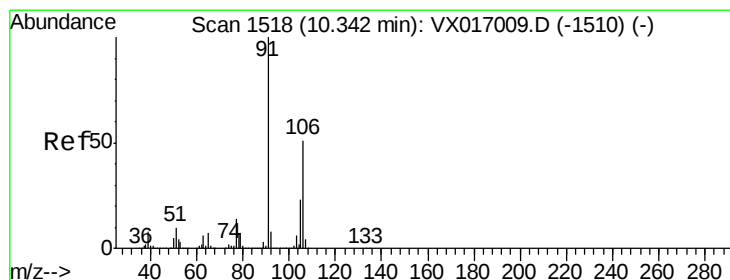
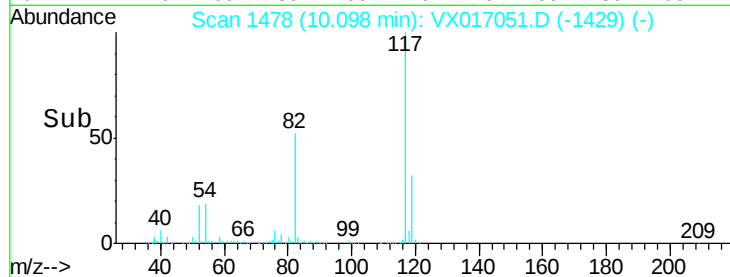
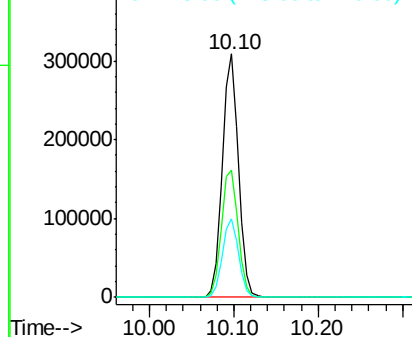
Tot Ion:	117	Resp:	409541
Ion Ratio	Lower	Upper	
117	100		
82	52.4	42.6	63.8
119	32.3	25.4	38.2

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.339 ug/l

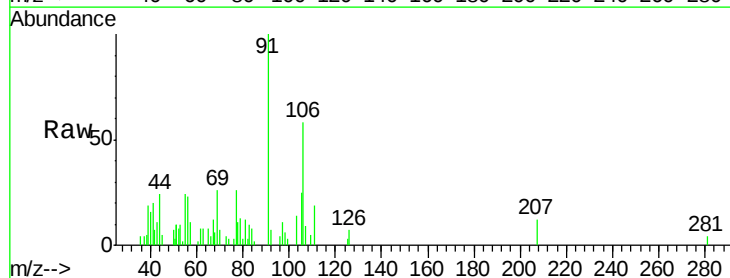
RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

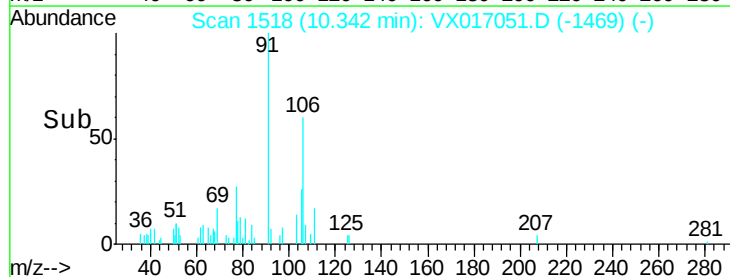
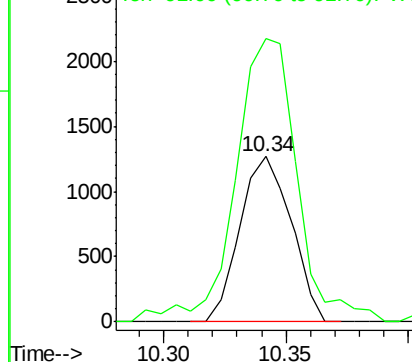
Lab File: VX017051.D

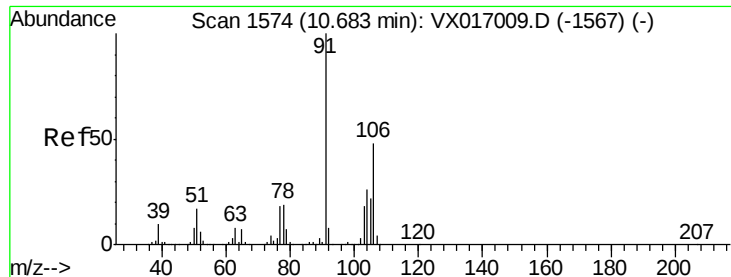
Acq: 30 Jun 2020 17:33

Tgt Ion:	106	Resp:	1838
Ion Ratio	Lower	Upper	
106	100		
91	207.1	158.6	238.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





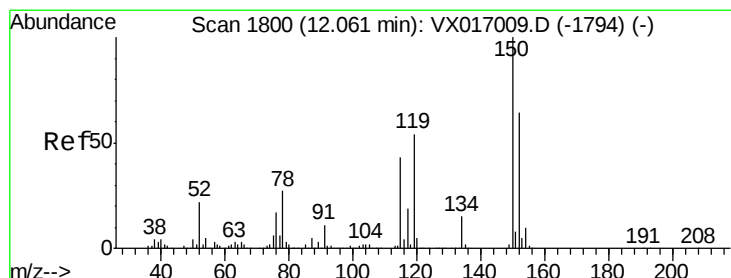
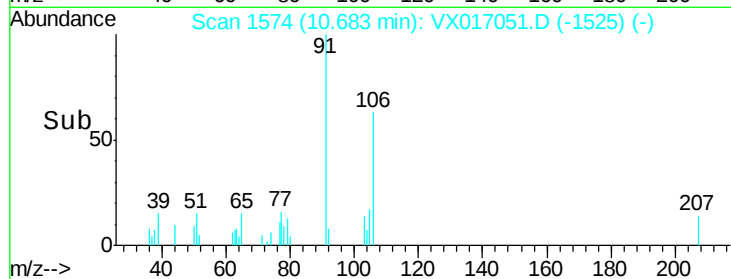
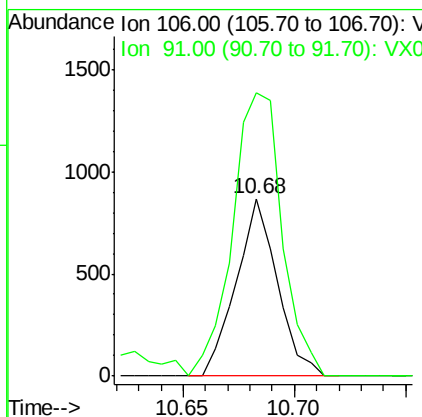
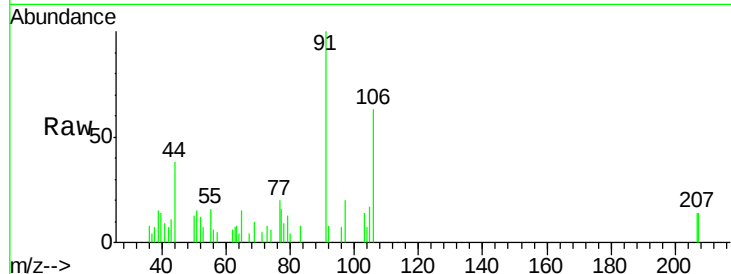
#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	192.3	105.6	1118	316.7	

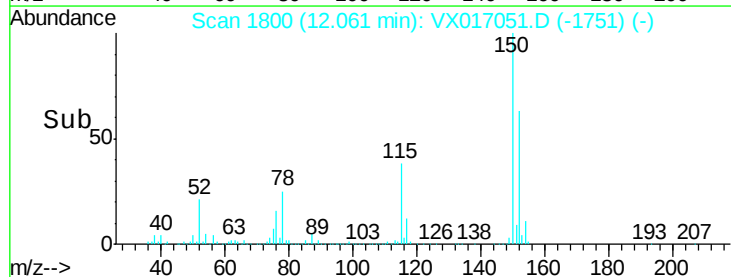
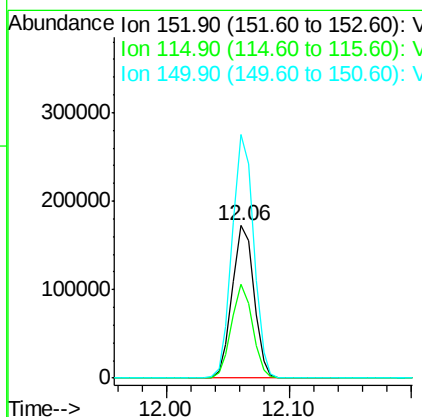
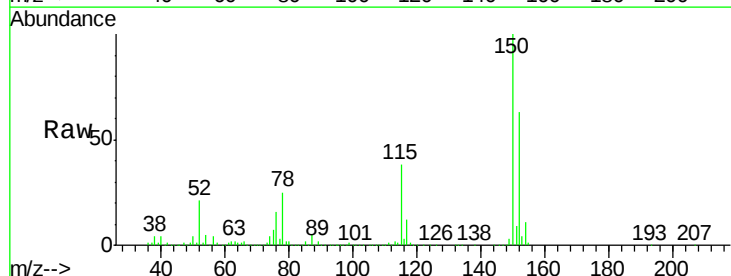
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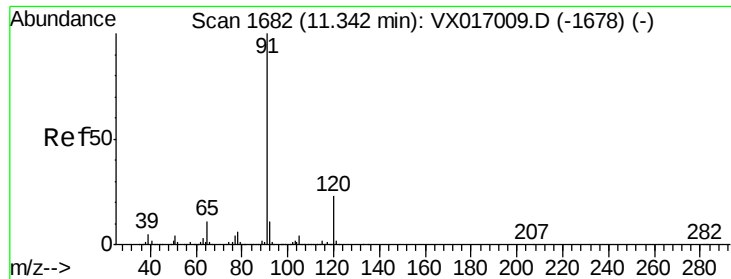
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	58.9	40.9	211551	122.7	
150	157.4	0.0	351.6		





#78

n-propylbenzene

Concen: 0.249 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017051.D

Acq: 30 Jun 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion: 91 Resp: 3895

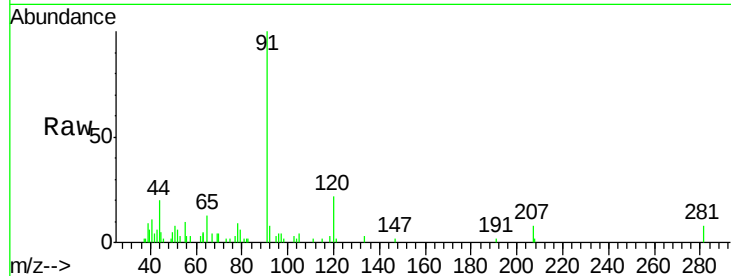
Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.9

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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1678) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1678) (-)

11.34

3000

2000

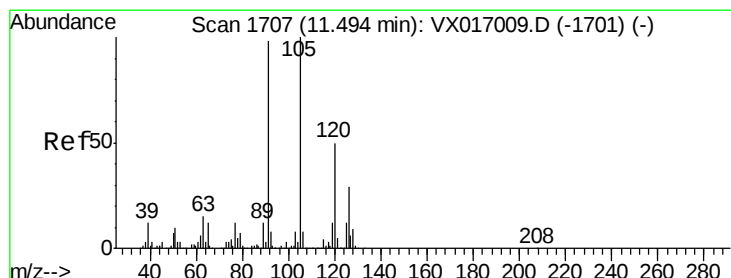
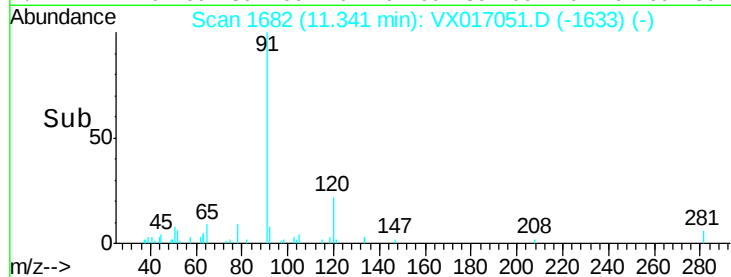
1000

0

Time-->

11.30

11.35



#80

1,3,5-Trimethylbenzene

Concen: 0.393 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017051.D

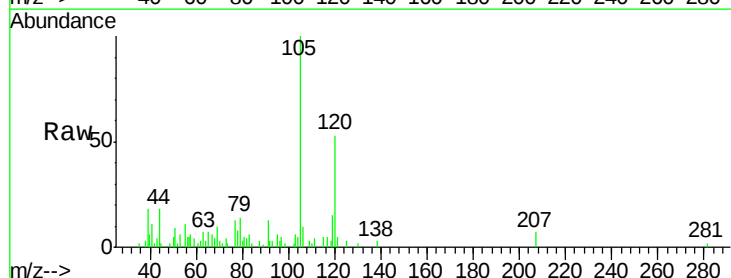
Acq: 30 Jun 2020 17:33

Tgt Ion: 105 Resp: 4517

Ion Ratio Lower Upper

105 100

120 52.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

11.49

5000

4000

3000

2000

1000

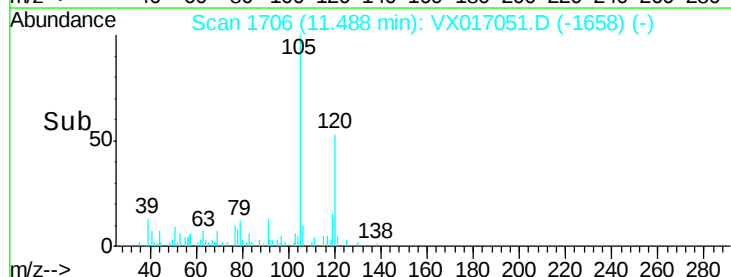
0

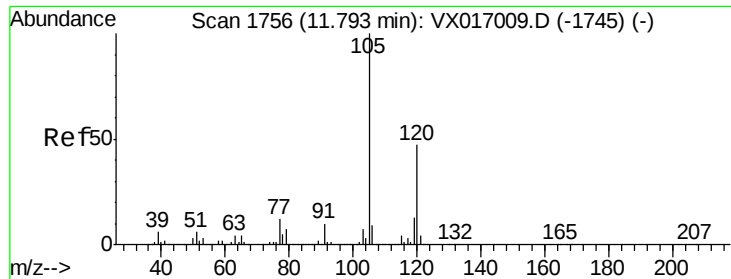
Time-->

11.45

11.50

11.55





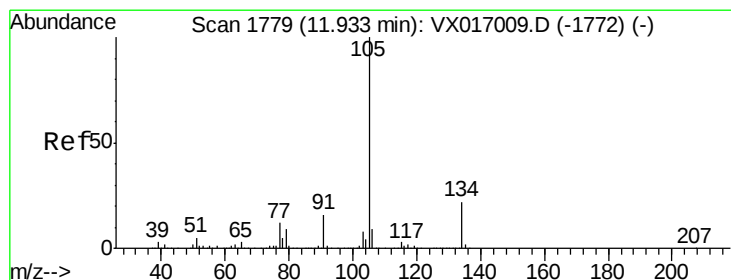
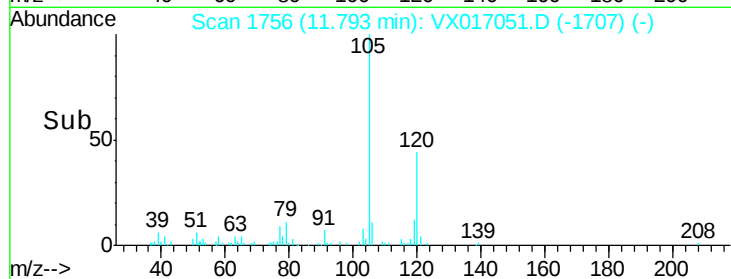
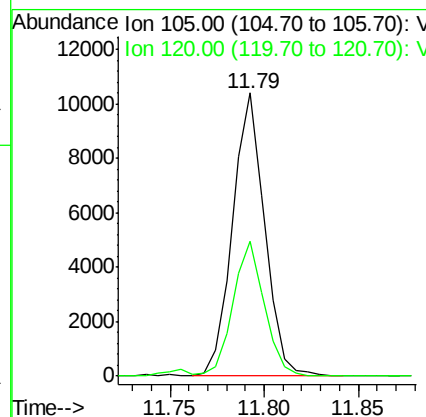
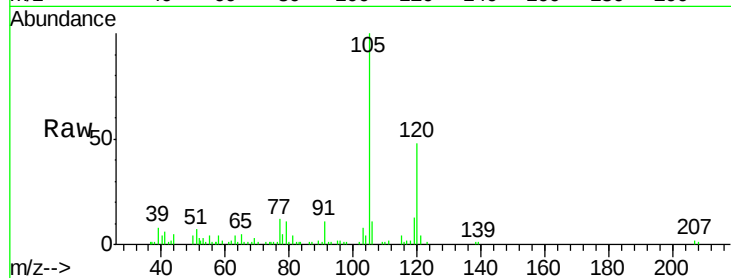
#84
1,2,4-Trimethylbenzene
Concen: 1.050 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.5

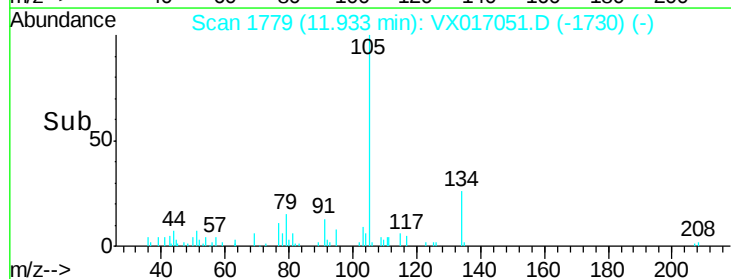
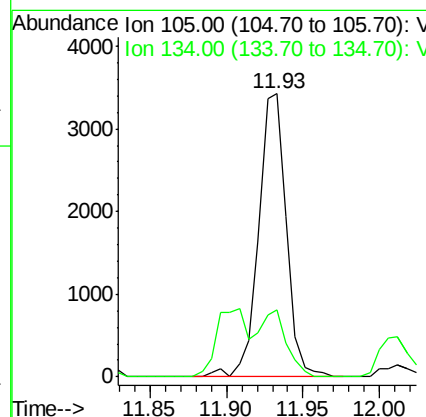
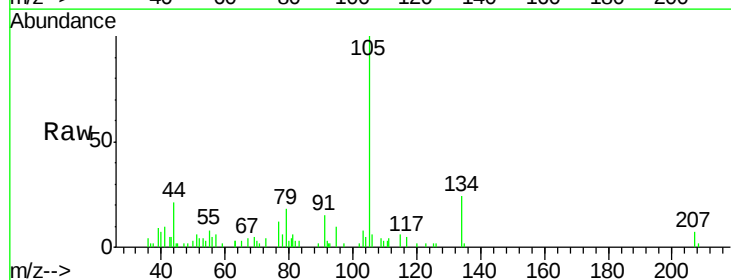
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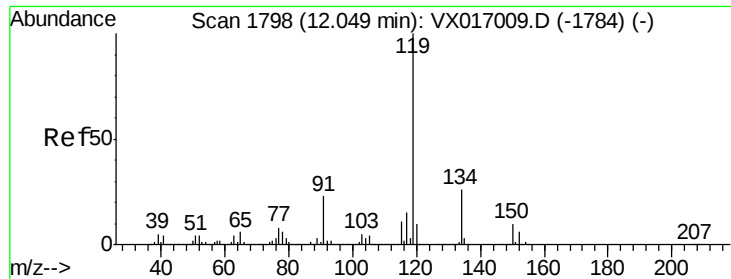
MMDadoda
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#85
sec-Butylbenzene
Concen: 0.326 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.5	31.6





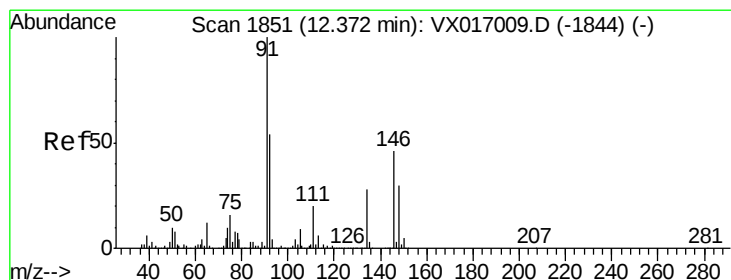
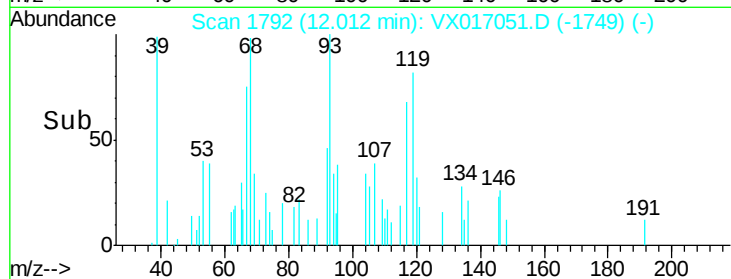
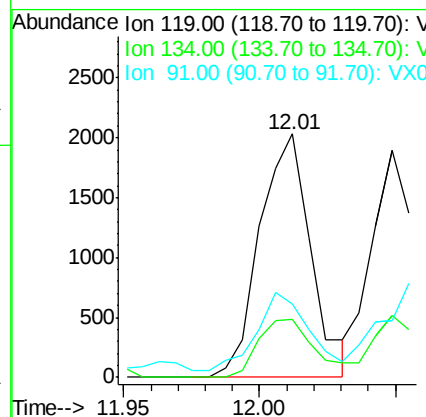
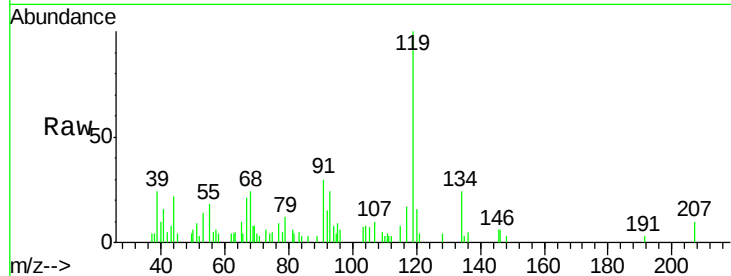
#86
p-Isopropyltoluene
Concen: 0.214 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.5
91	32.7	11.8	35.4

Manual Integrations
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#89
n-Butylbenzene
Concen: 0.231 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017051.D
Acq: 30 Jun 2020 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.5	27.2	81.6
134	175.7	13.6	40.7#

