

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013710.D
 Acq On : 29 Nov 2019 18:43
 Operator : JC/SP
 Sample : K6027-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Manual Integrations
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Quant Time: Dec 07 00:10:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	628823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	954164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	449450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	341809	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	5.49	113	281728	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	1149186	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	422586	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	8923m	2.476	ug/l	
31) Cyclohexane	5.58	56	21325	1.978	ug/l #	81
39) Methylcyclohexane	7.45	83	30147	2.816	ug/l	86
40) Benzene	6.13	78	392010	14.860	ug/l	99
52) Toluene	8.78	92	123879	7.559	ug/l	98
67) Ethyl Benzene	10.25	91	2070876	66.786	ug/l	99
68) m/p-Xylenes	10.35	106	971371	81.824	ug/l	98
69) o-Xylene	10.70	106	152210	13.146	ug/l	97
73) Isopropylbenzene	11.01	105	130315m	4.133	ug/l	
78) n-propylbenzene	11.35	91	347377	9.870	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	148131	5.733	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2125838	81.063	ug/l	98
86) p-Isopropyltoluene	12.06	119	26745m	0.958	ug/l	
89) n-Butylbenzene	12.38	91	38984m	1.638	ug/l	
95) Naphthalene	13.83	128	751881	24.696	ug/l	100

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

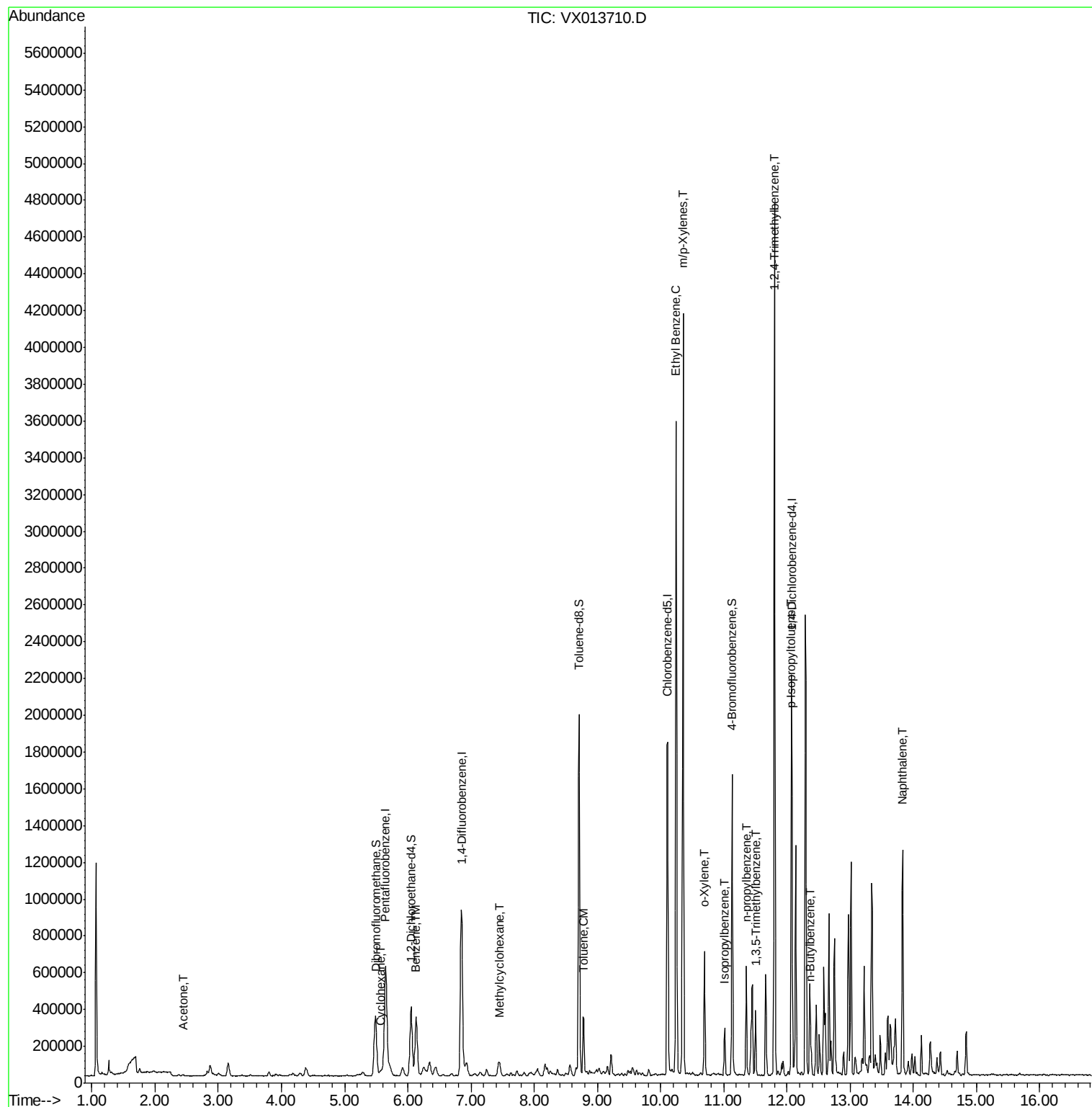
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013710.D
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Operator : JC/SP
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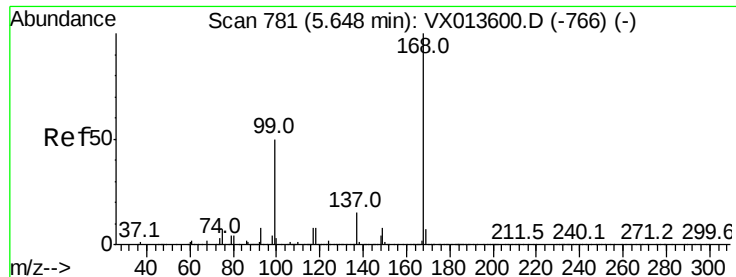
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

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Quant Time: Dec 07 00:10:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

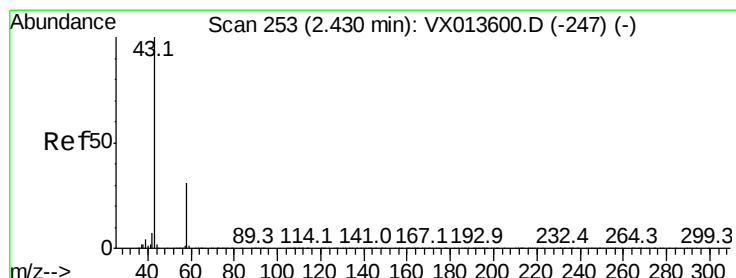
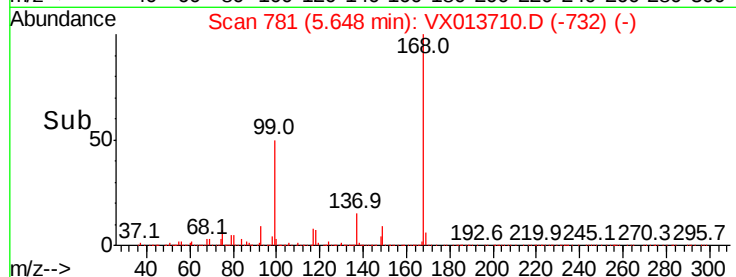
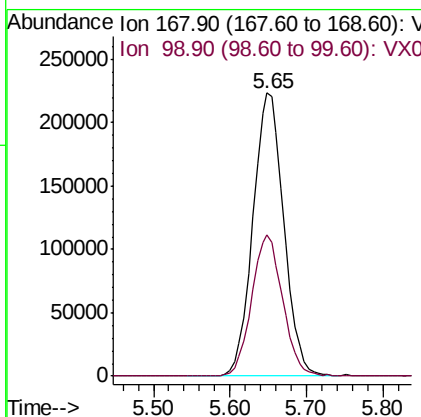
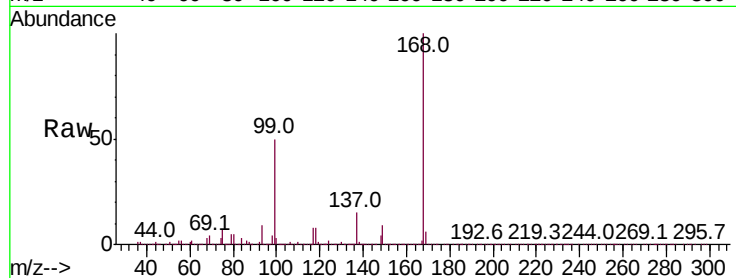
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	50.0	39.8	59.8	

Manual Integrations
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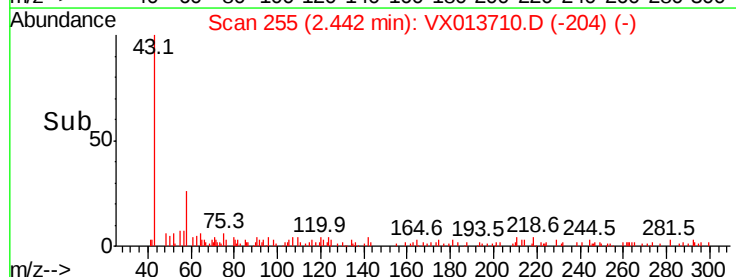
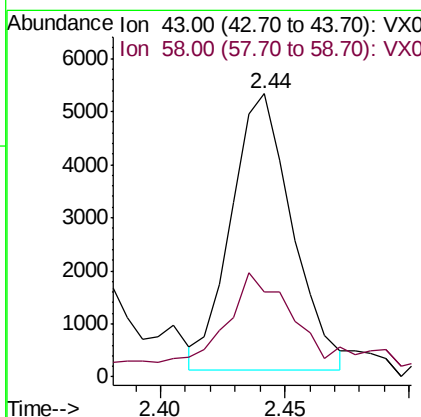
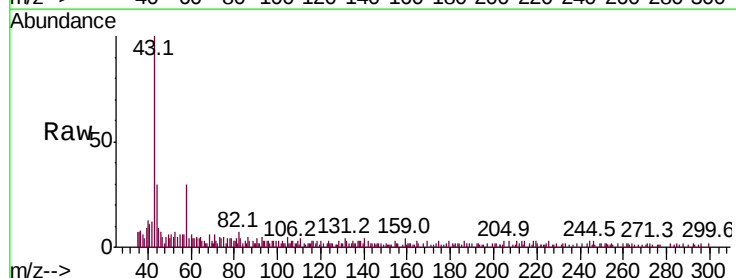
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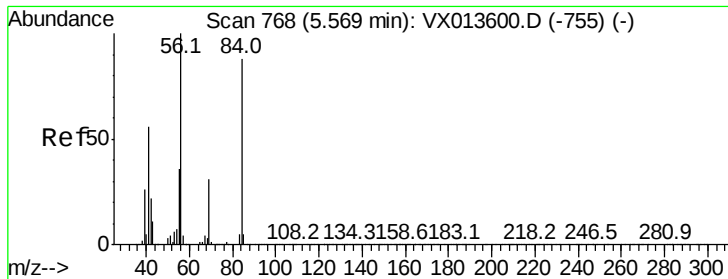


#16

Acetone
 Concen: 2.476 ug/l m
 RT: 2.44 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
58	29.9	24.6	36.8	





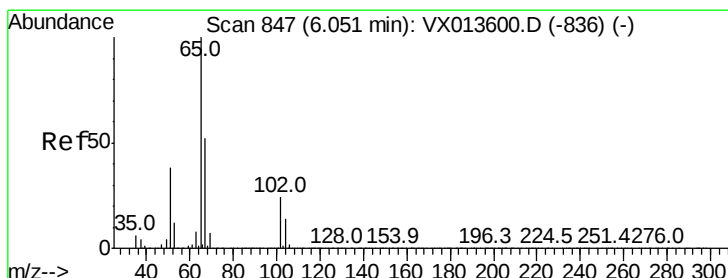
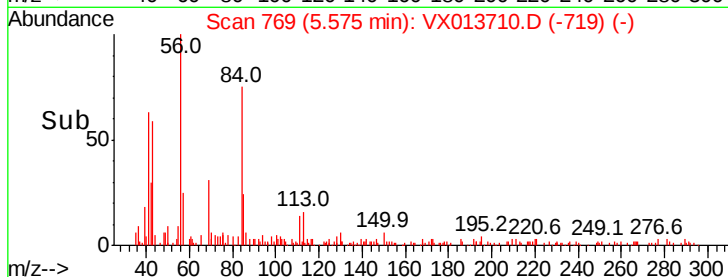
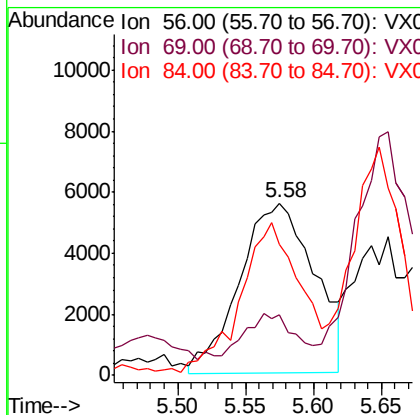
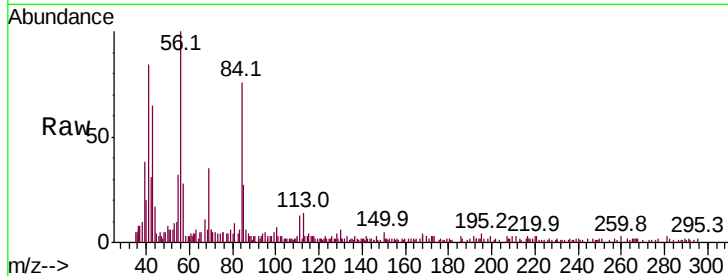
#31
Cyclohexane
Concen: 1.978 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampled :
MW-3DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	22.1	24.6	36.8#
84	68.8	70.0	105.0#

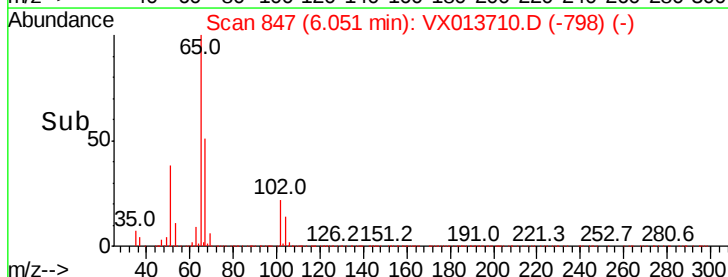
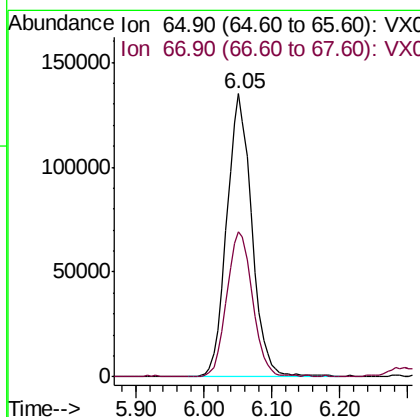
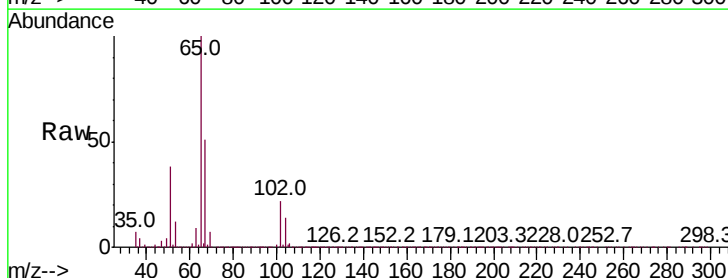
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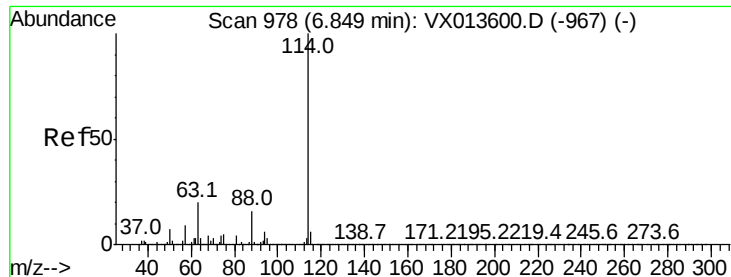
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#33
1,2-Dichloroethane-d4
Concen: 46.828 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

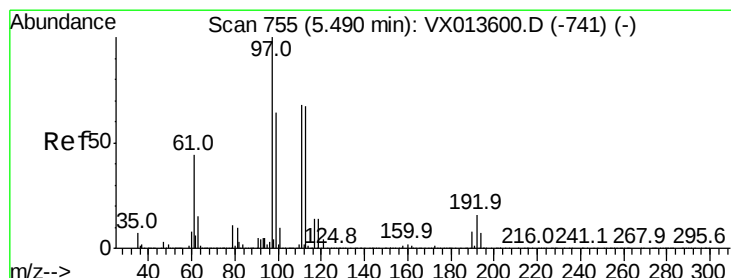
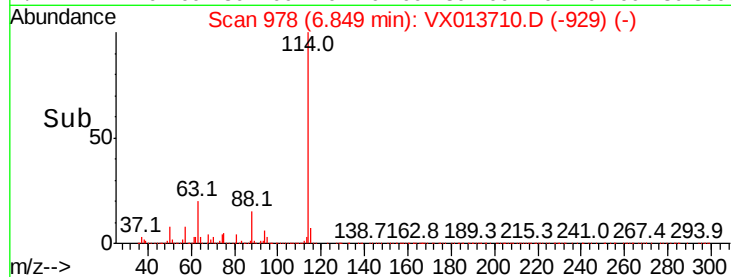
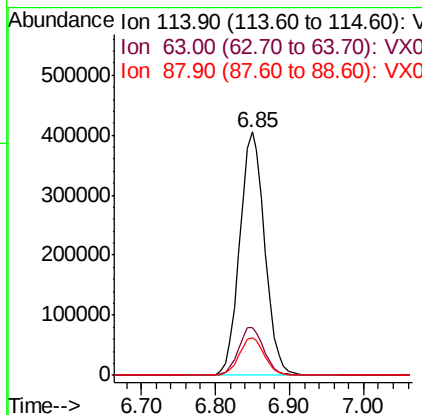
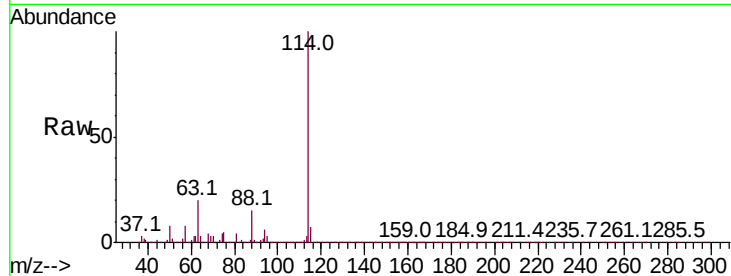
ClientSampled :

MW-3DL

Tot Ion:	114	Resp:	954164
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	39.6
88	15.4	0.0	31.4

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#35

Dibromofluoromethane

Concen: 47.761 ug/l

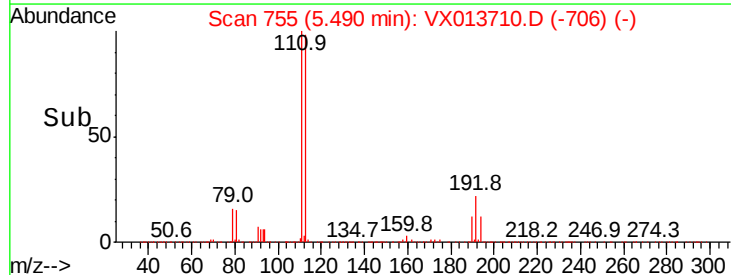
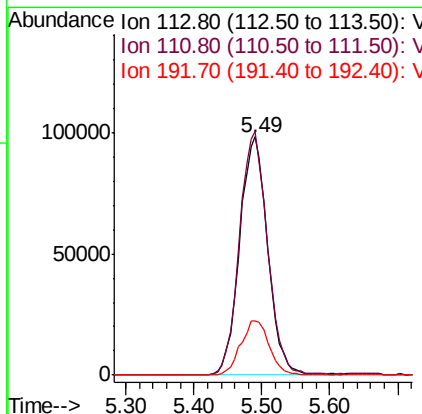
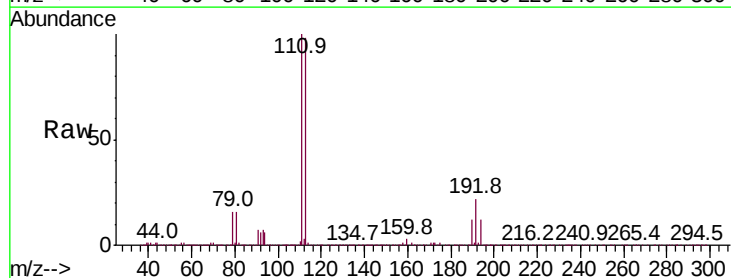
RT: 5.49 min Scan# 755

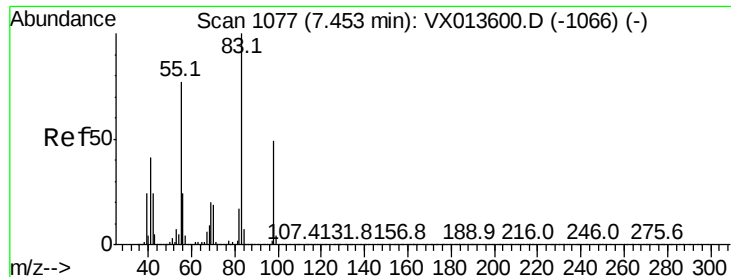
Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Tgt Ion:	113	Resp:	281728
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.6	125.4
192	23.3	19.2	28.8





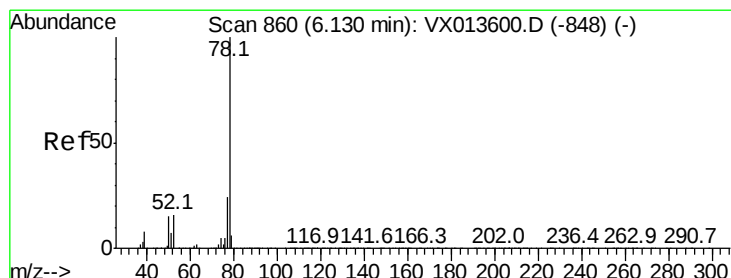
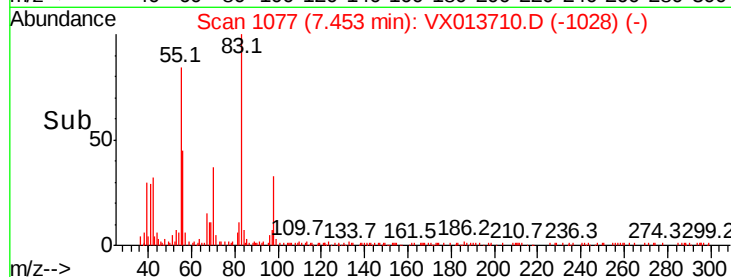
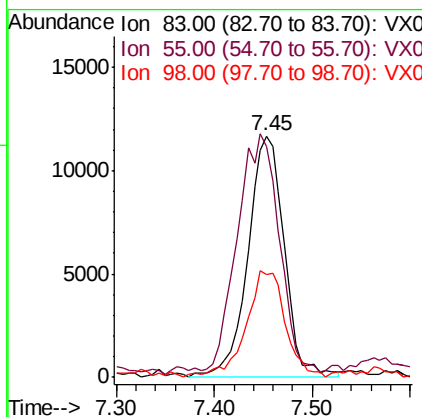
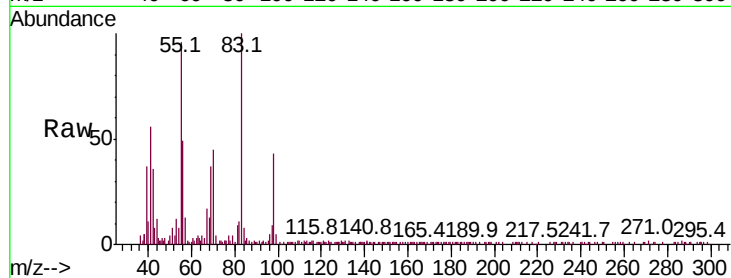
#39
Methvlcvclohexane
Concen: 2.816 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.8	61.9	92.9
98	41.7	39.4	59.0

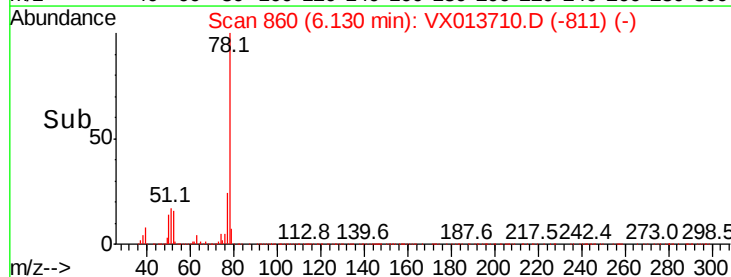
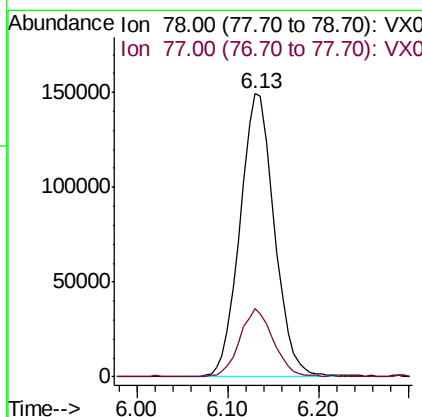
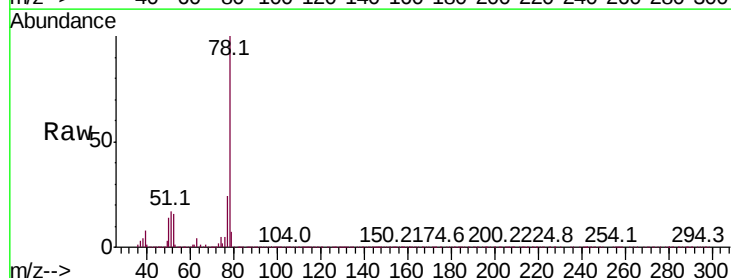
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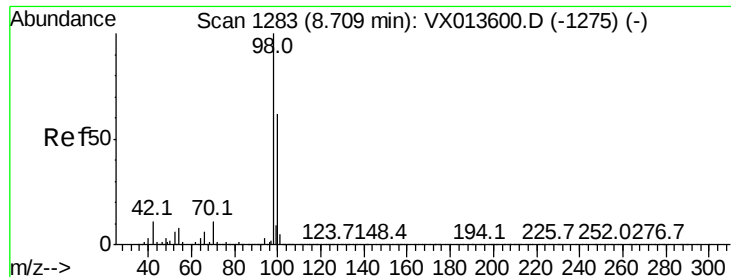
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#40
Benzene
Concen: 14.860 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





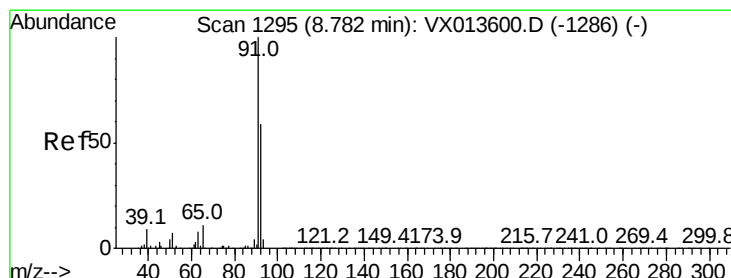
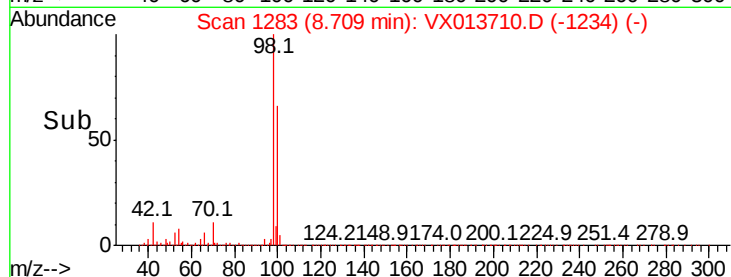
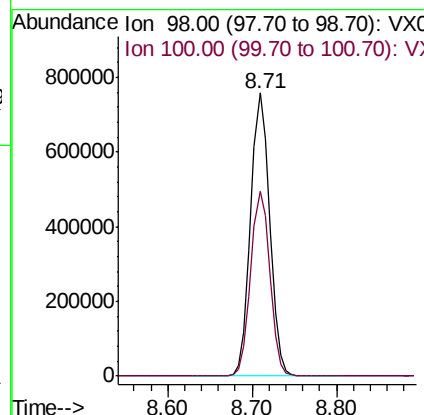
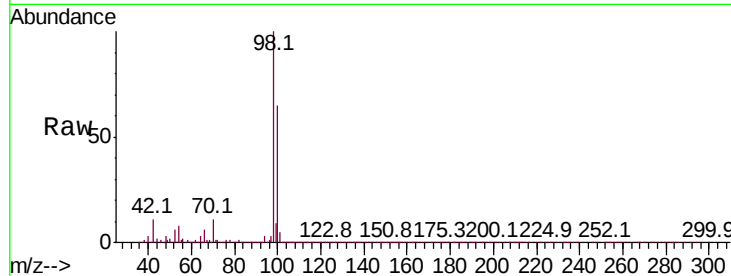
#50
Toluene-d8
Concen: 50.003 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion: 98 Resp: 1149186
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

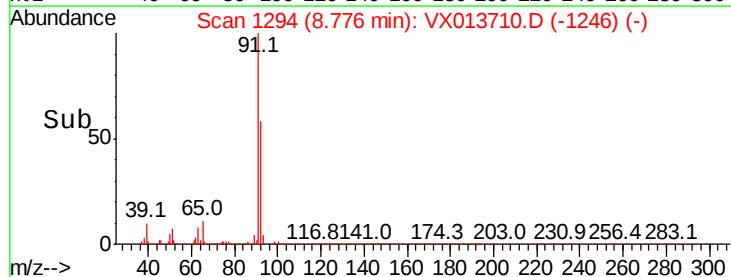
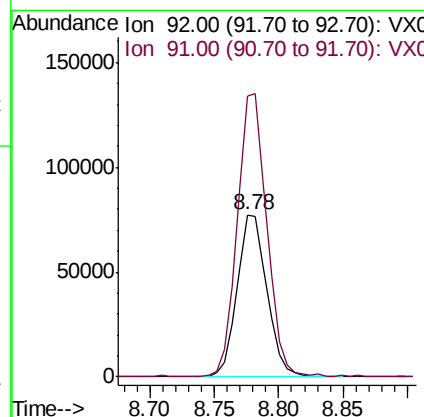
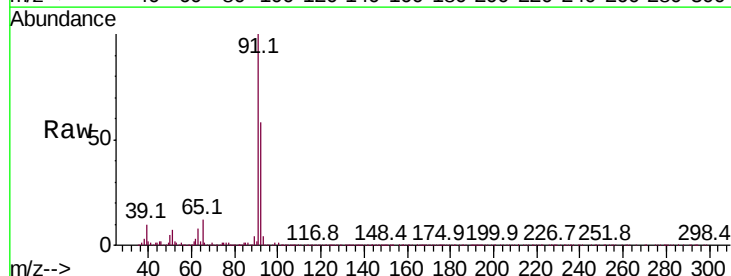
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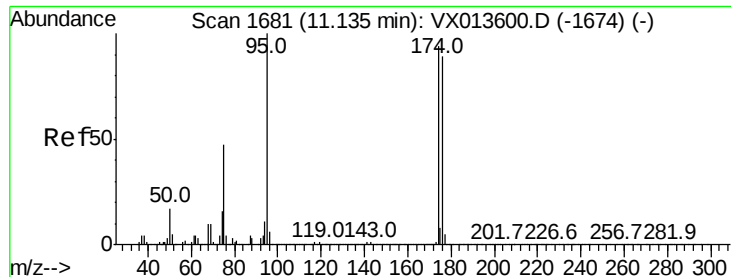
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#52
Toluene
Concen: 7.559 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion: 92 Resp: 123879
Ion Ratio Lower Upper
92 100
91 173.0 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

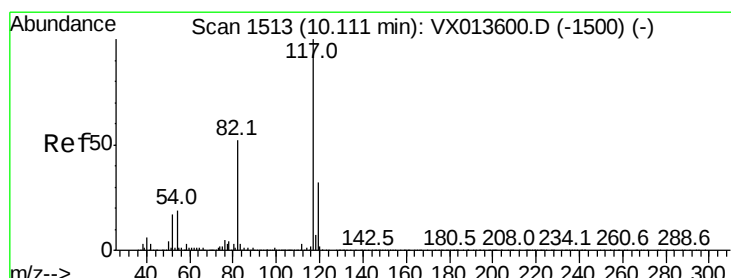
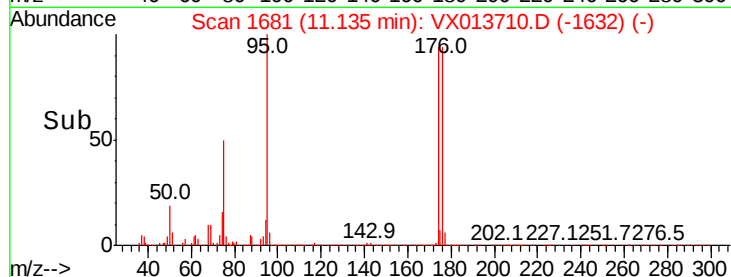
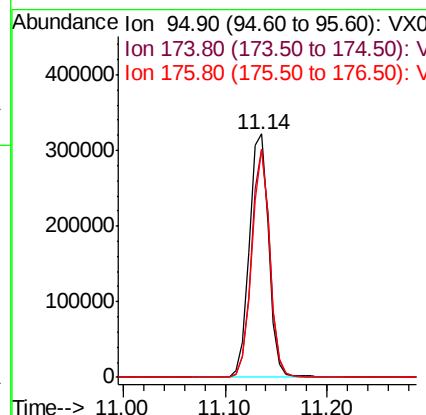
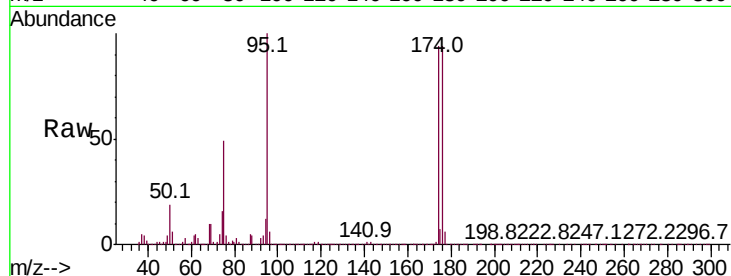
ClientSampleId :

MW-3DL

Tot Ion:	95	Resp:	422586
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	180.0
176	87.4	0.0	173.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

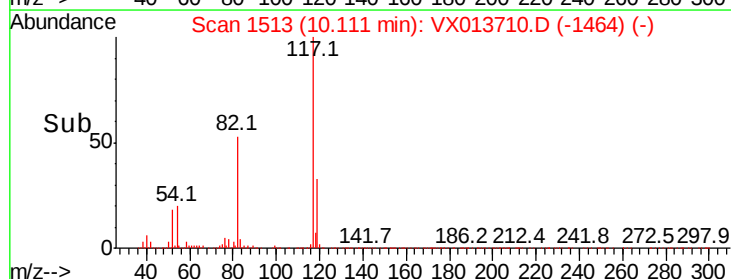
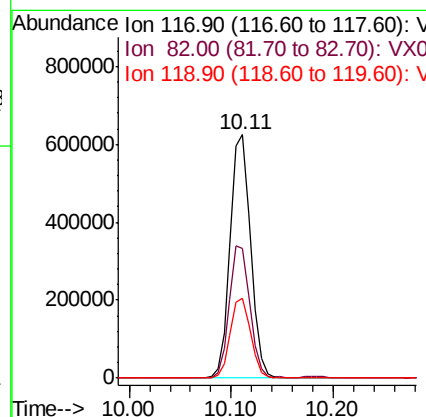
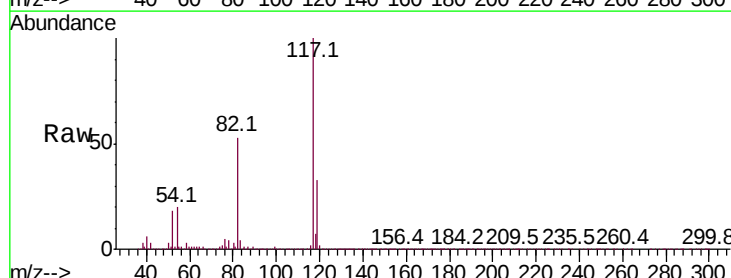
RT: 10.11 min Scan# 1513

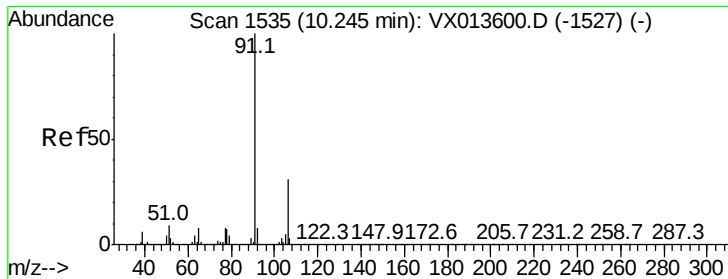
Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Tgt Ion:	117	Resp:	869117
Ion Ratio	Lower	Upper	
117	100		
82	53.0	41.8	62.8
119	32.6	25.8	38.8





#67

Ethyl Benzene

Concen: 66.786 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tot Ion: 91 Resp: 2070876

Ion Ratio Lower Upper

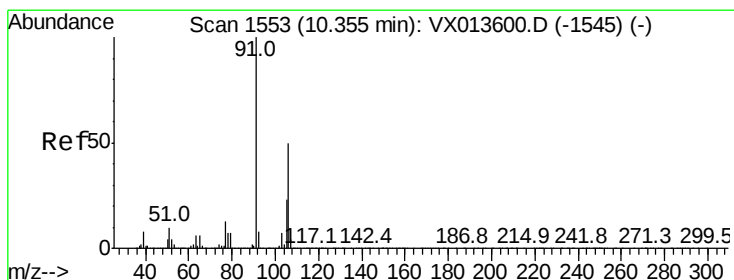
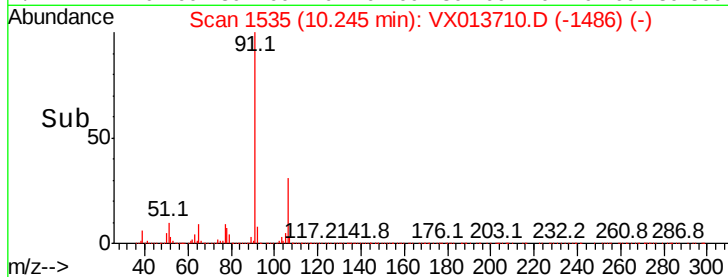
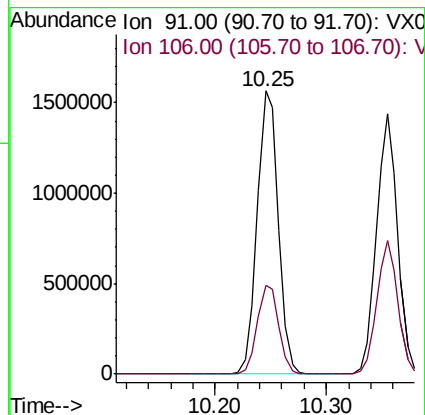
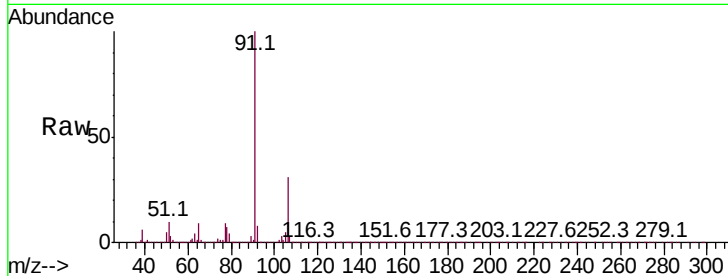
91 100

106 31.4 24.5 36.7

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#68

m/p-Xylenes

Concen: 81.824 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013710.D

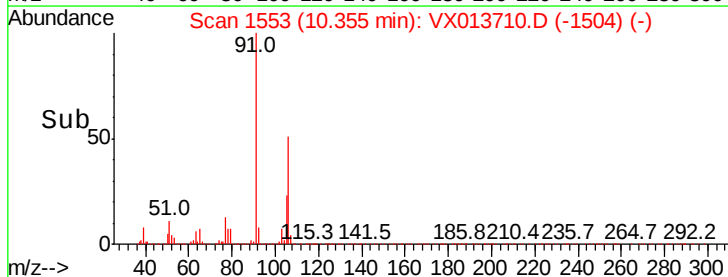
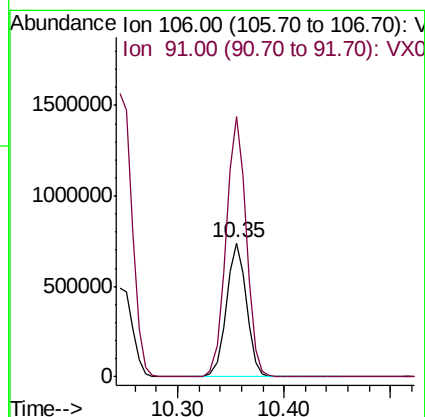
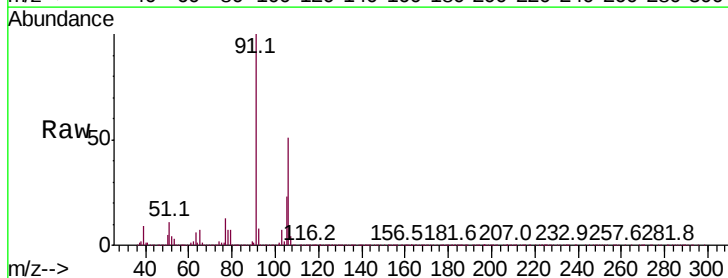
Acq: 29 Nov 2019 18:43

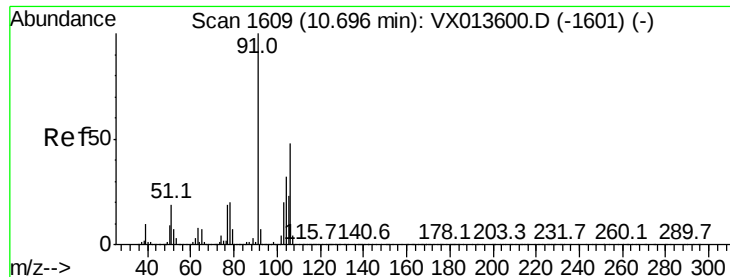
Tgt Ion: 106 Resp: 971371

Ion Ratio Lower Upper

106 100

91 196.3 159.0 238.4





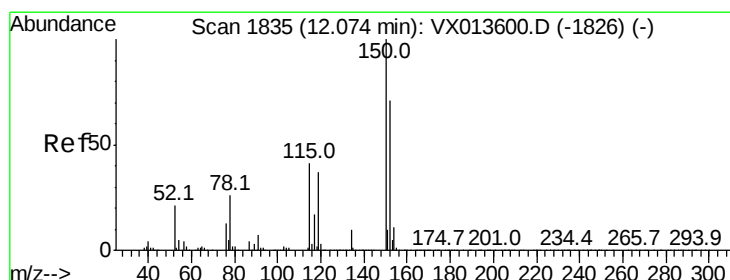
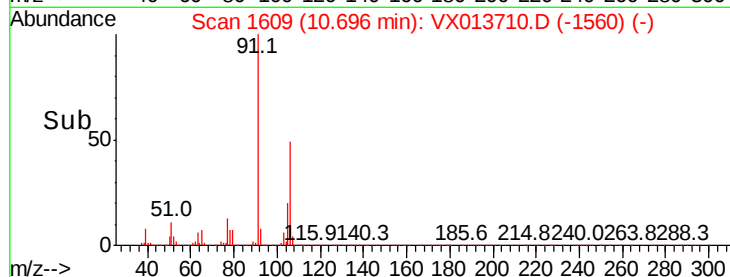
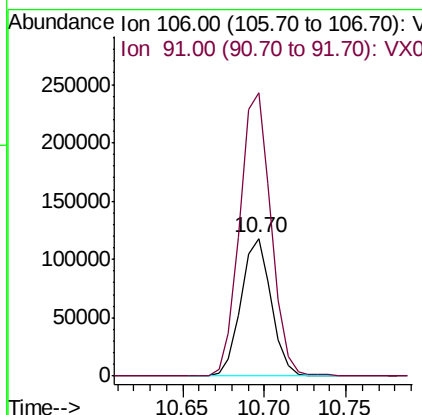
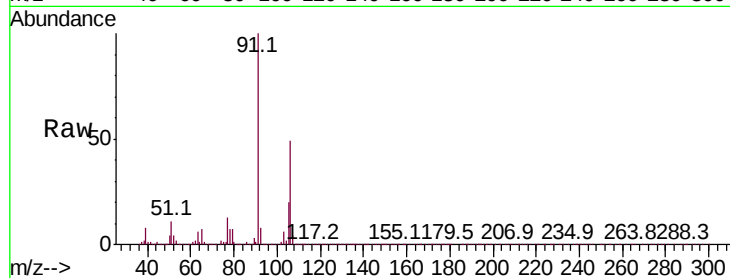
#69
o-Xylene
Concen: 13.146 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
Client Sampled :
MW-3DL

Tot Ion:106 Resp: 152210
Ion Ratio Lower Upper
106 100
91 212.8 104.1 312.2

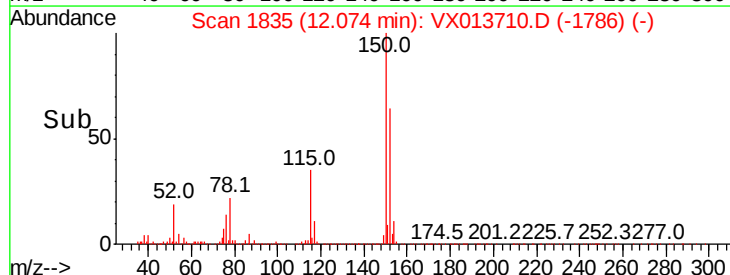
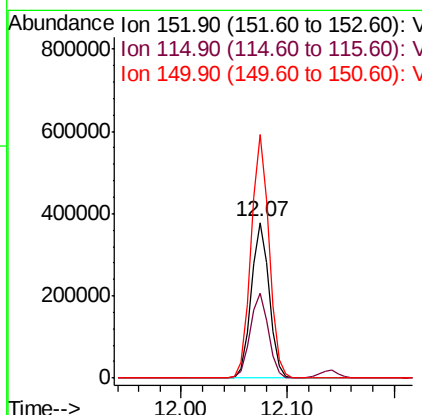
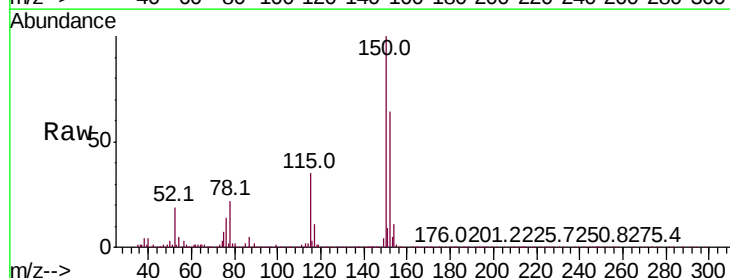
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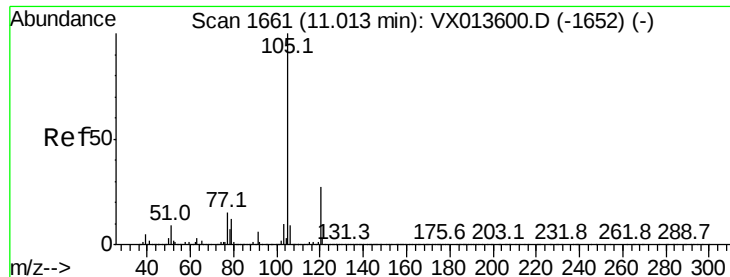
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion:152 Resp: 449450
Ion Ratio Lower Upper
152 100
115 55.3 38.4 115.1
150 156.6 0.0 346.8





#73

Isopropylbenzene

Concen: 4.133 ug/l m

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tot Ion:105 Resp: 130315

Ion Ratio Lower Upper

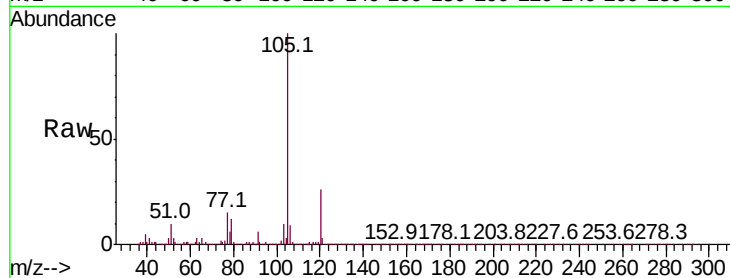
105 100

120 0.0 13.5 40.5#

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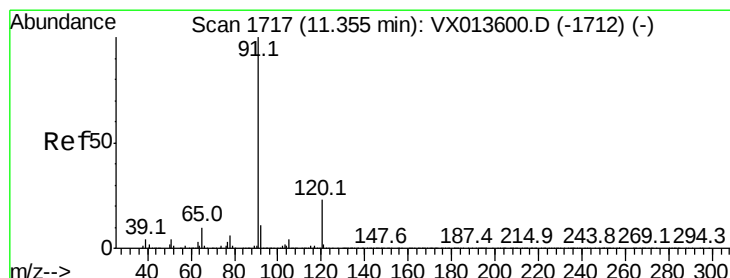
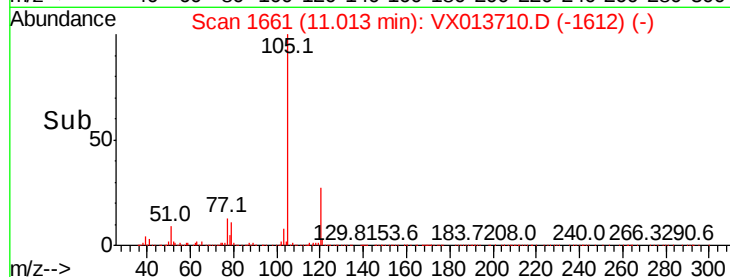
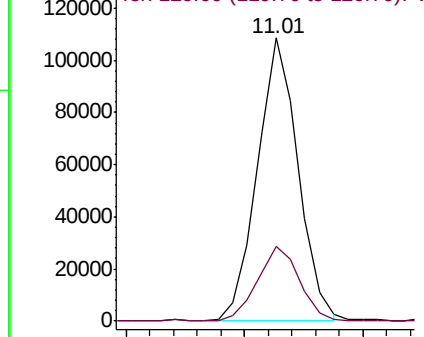
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 9.870 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013710.D

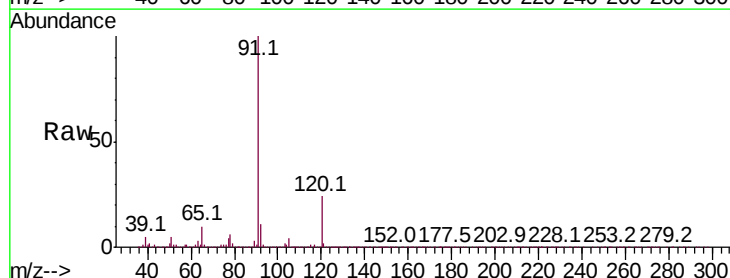
Acq: 29 Nov 2019 18:43

Tgt Ion: 91 Resp: 347377

Ion Ratio Lower Upper

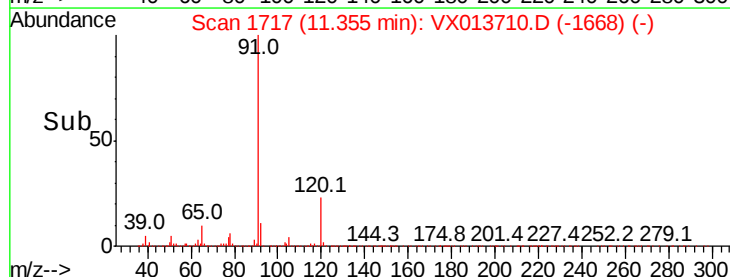
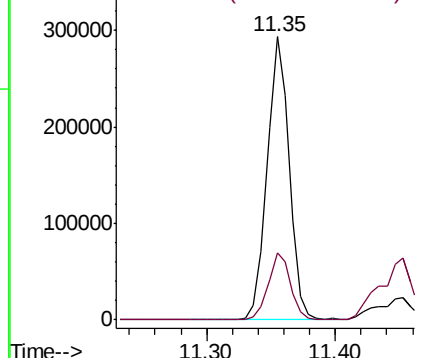
91 100

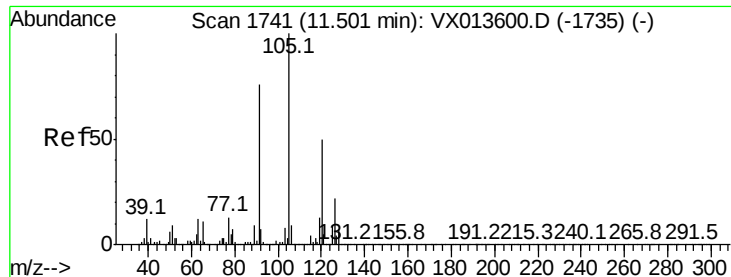
120 23.4 11.8 35.3



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: 5.733 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tot Ion:105 Resp: 148131

Ion Ratio Lower Upper

105 100

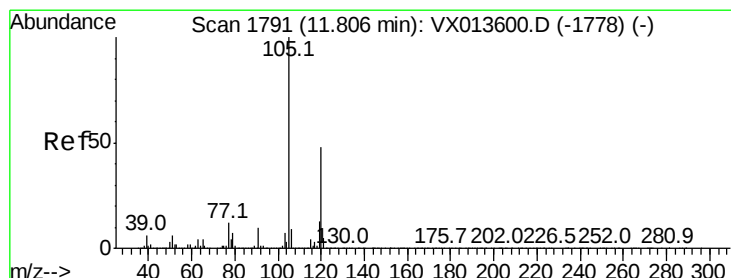
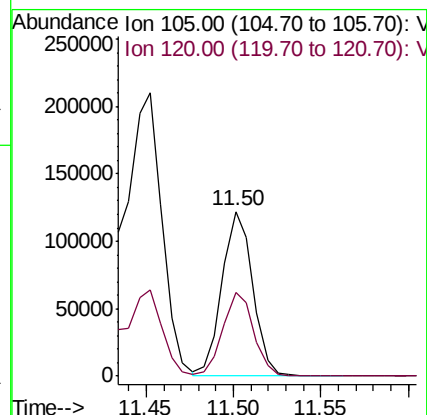
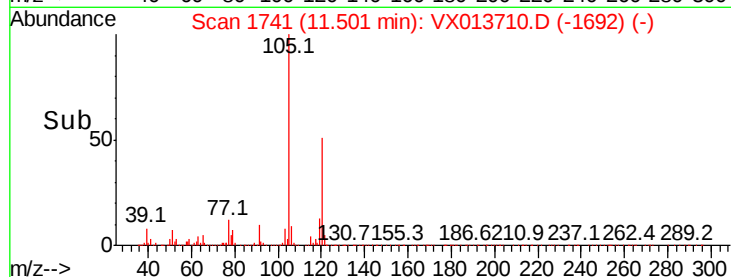
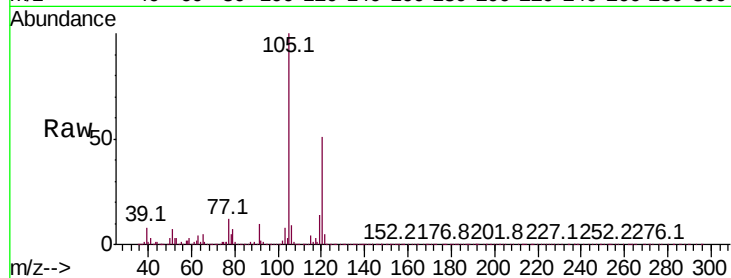
120 50.8 25.3 75.9

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#84

1,2,4-Trimethylbenzene

Concen: 81.063 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013710.D

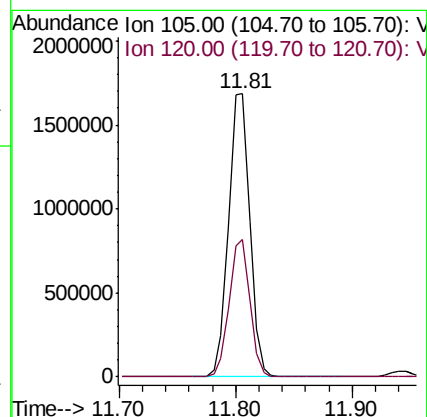
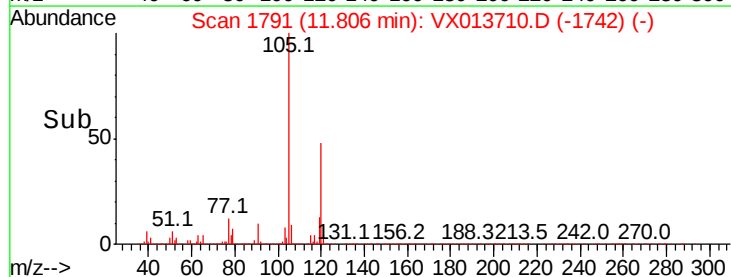
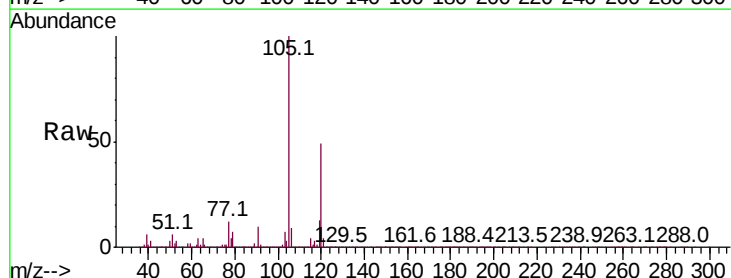
Acq: 29 Nov 2019 18:43

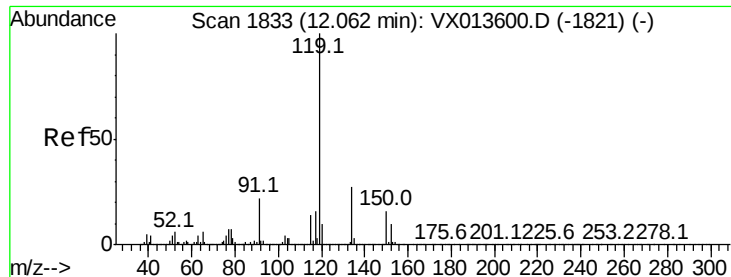
Tgt Ion:105 Resp: 2125838

Ion Ratio Lower Upper

105 100

120 47.3 23.1 69.3





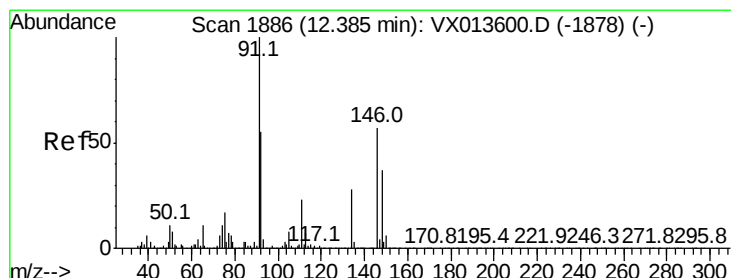
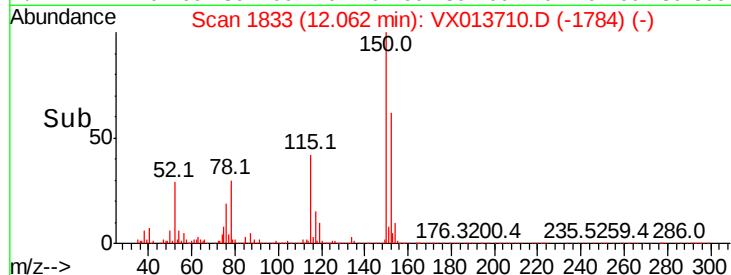
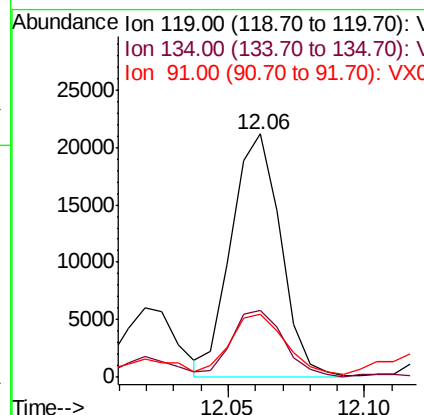
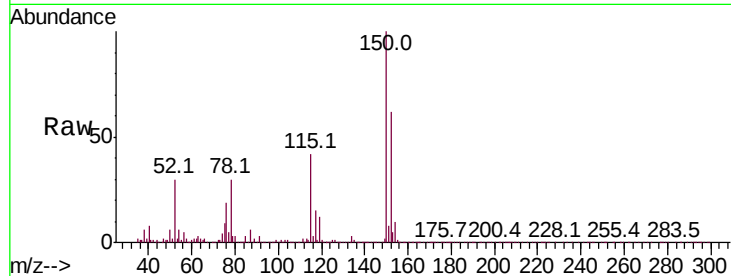
#86
p-Isopropyltoluene
Concen: 0.958 ug/l m
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampled :
MW-3DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	26745		
134	0.0	13.3	39.9#	
91	0.0	11.3	33.8#	

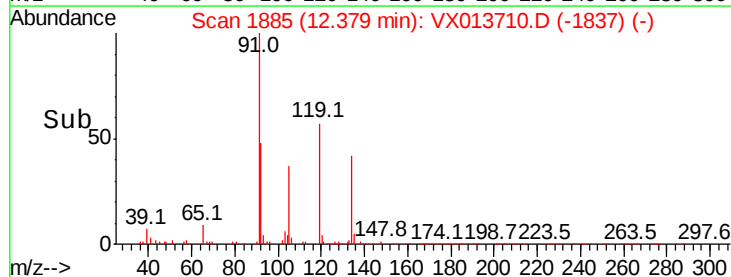
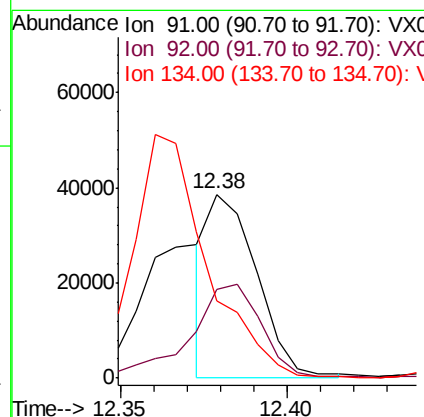
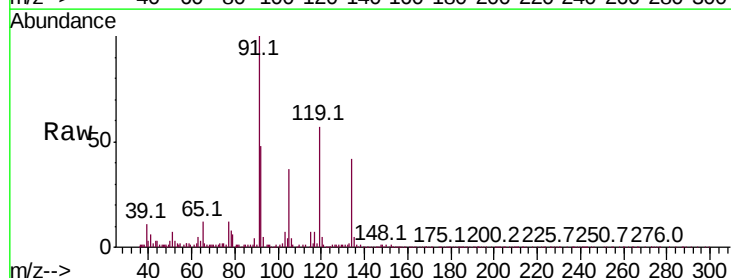
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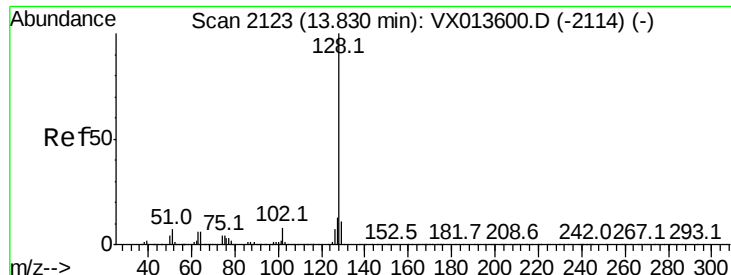
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#89
n-Butylbenzene
Concen: 1.638 ug/l m
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	38984		
92	73.9	27.4	82.2	
134	0.0	13.5	40.4#	





#95
Naphthalene
Concen: 24.696 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion:	128	Resp:	751881
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.2	8.7	13.1

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