

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012589.D
 Acq On : 21 Sep 2019 04:26
 Operator : JC/SP
 Sample : K4978-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0163

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:29:10 AM

Quant Time: Sep 23 16:01:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114629	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
35) Dibromofluoromethane	5.49	113	84709	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	326402	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	121845	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.58	96	1616	0.931	ug/l	91
31) Cyclohexane	5.58	56	83800	47.547	ug/l	99
39) Methylcyclohexane	7.45	83	62080	37.295	ug/l #	80
40) Benzene	6.14	78	16960	3.115	ug/l #	89
67) Ethyl Benzene	10.25	91	2889800	419.217	ug/l	98
68) m/p-Xylenes	10.35	106	735171	293.115	ug/l	98
73) Isopropylbenzene	11.01	105	678305	98.052	ug/l	99
78) n-propylbenzene	11.35	91	554253	71.886	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2840m	0.481	ug/l	
83) tert-Butylbenzene	11.76	119	14287	2.260	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	487160	80.420	ug/l	99
85) sec-Butylbenzene	11.94	105	134983	19.377	ug/l	85
86) p-Isopropyltoluene	12.06	119	65552	10.248	ug/l	99
89) n-Butylbenzene	12.39	91	9514m	1.667	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	1261	0.380	ug/l	93
95) Naphthalene	13.83	128	592749	77.970	ug/l	99

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

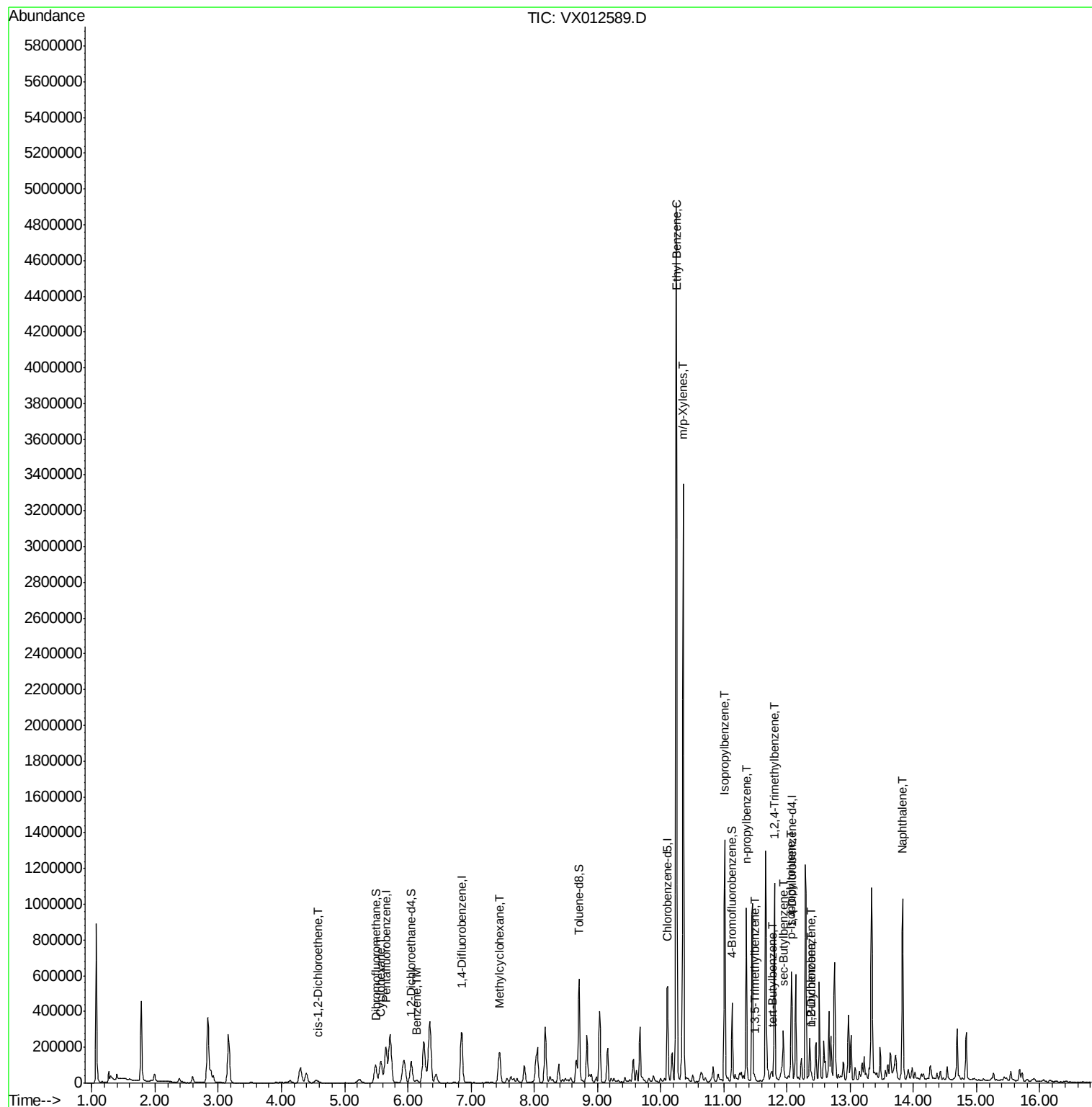
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012589.D
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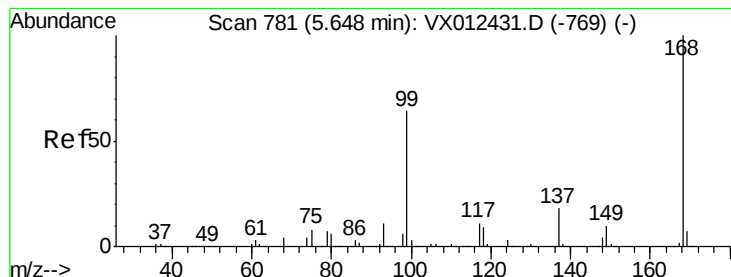
Instrument :
MSVOA_X
ClientSampleId :
Z2-0163

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Quant Time: Sep 23 16:01:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

Instrument :

MSVOA_X

ClientSampleId :

Z2-0163

Tot Ion:168 Resp: 178052

Ion Ratio Lower Upper

168 100

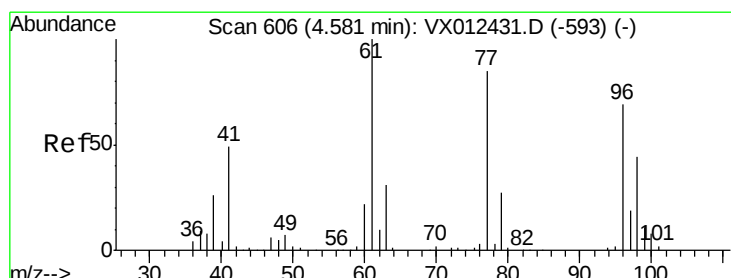
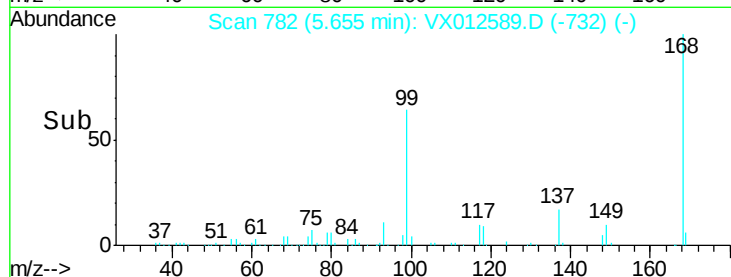
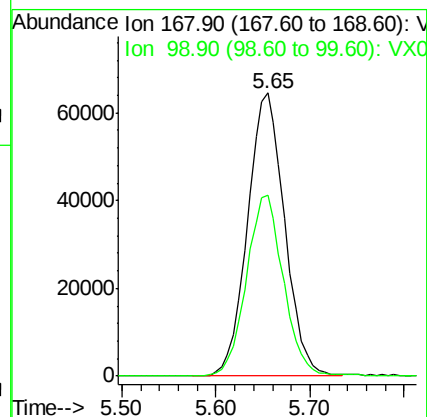
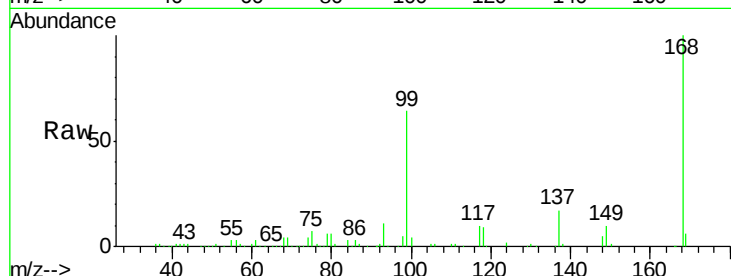
99 63.9 51.4 77.2

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 0.931 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

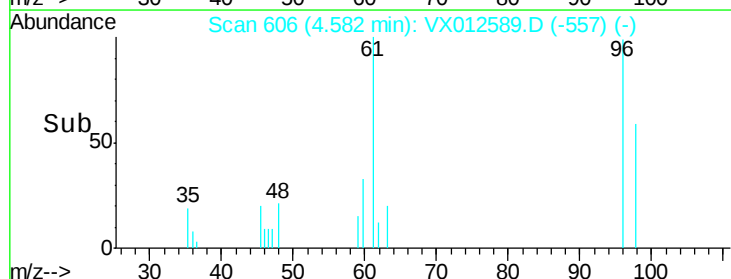
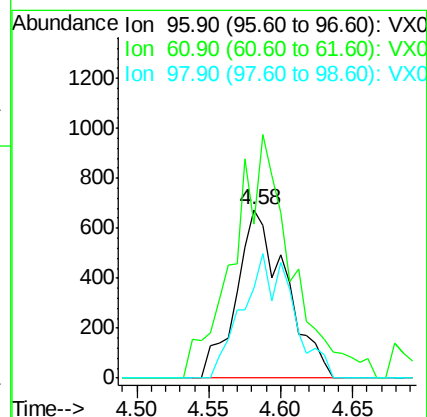
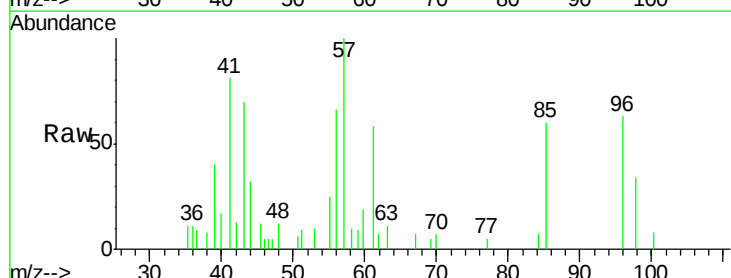
Tgt Ion: 96 Resp: 1616

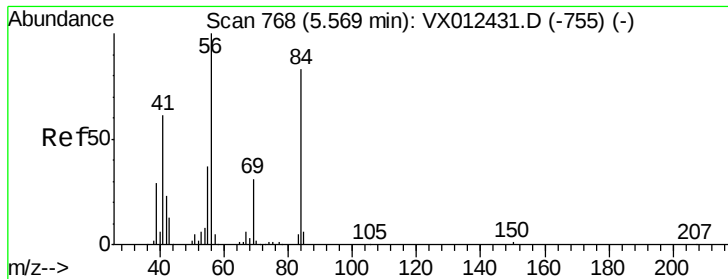
Ion Ratio Lower Upper

96 100

61 169.7 0.0 319.4

98 74.2 0.0 130.6





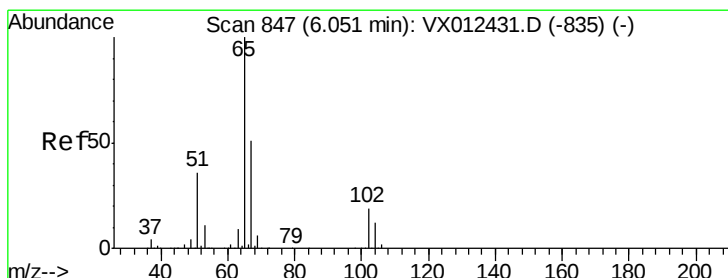
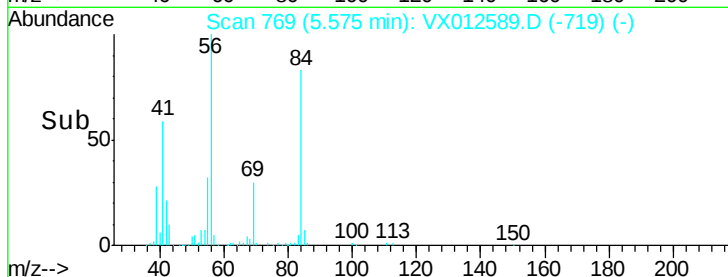
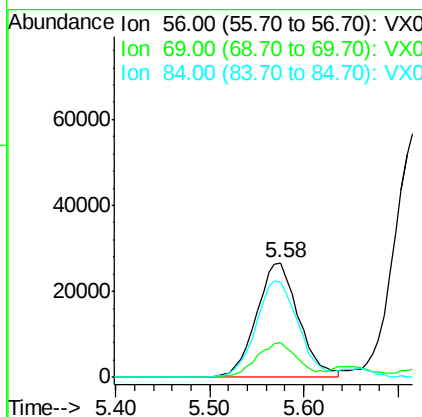
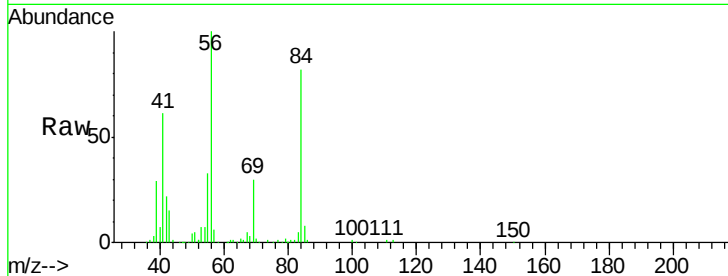
#31
Cyclohexane
Concen: 47.547 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Instrument :
MSVOA_X
ClientSampleId :
Z2-0163

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.6
84	82.4	66.4	99.6

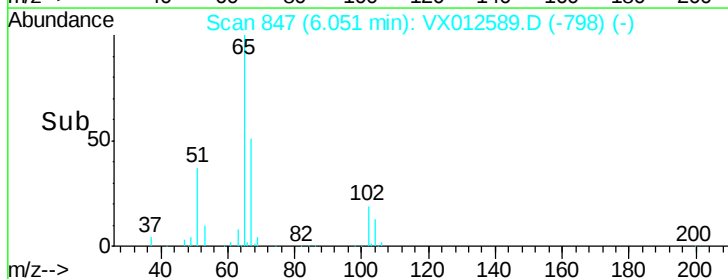
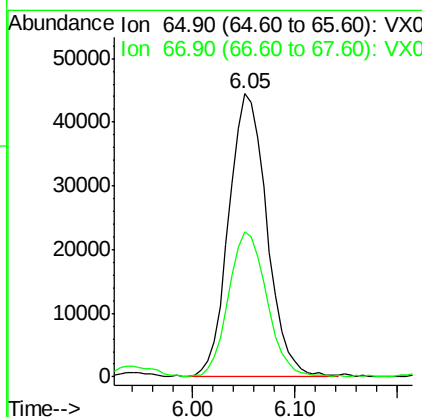
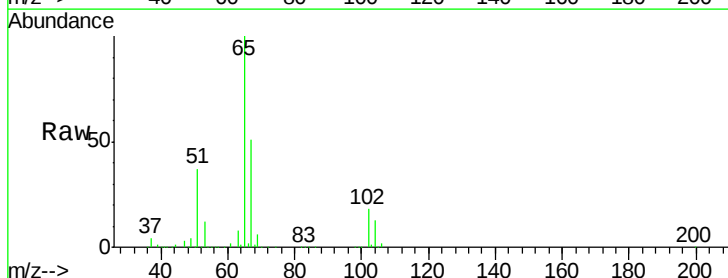
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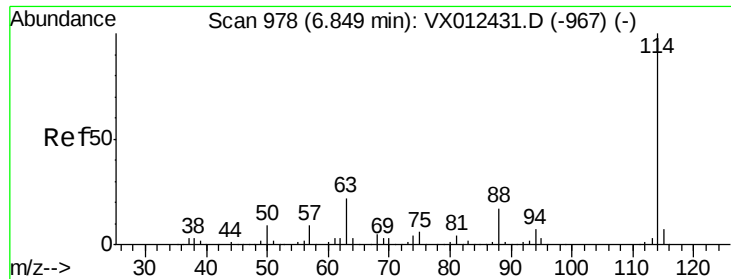
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#33
1,2-Dichloroethane-d4
Concen: 44.920 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2





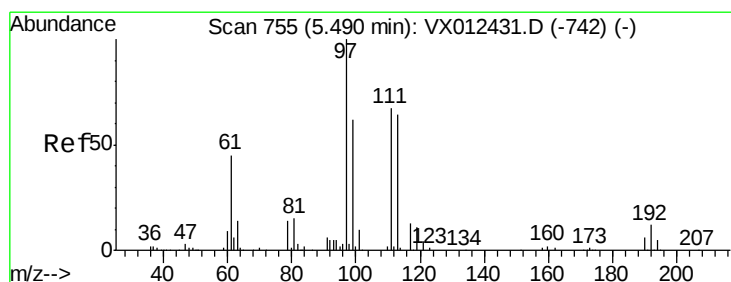
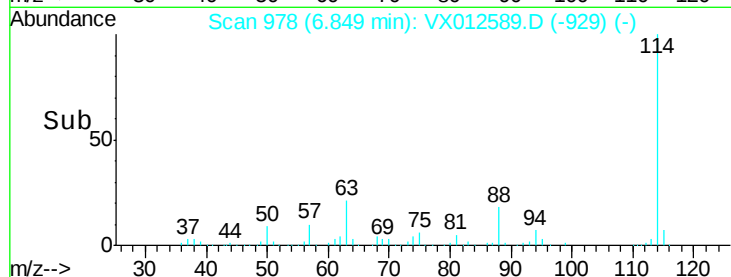
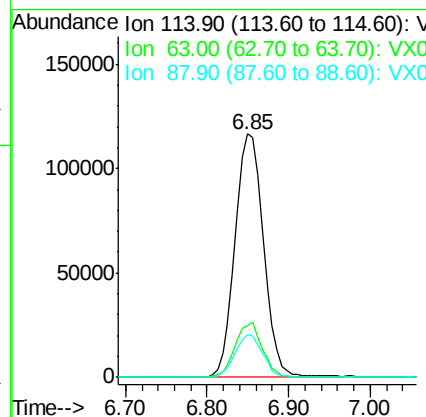
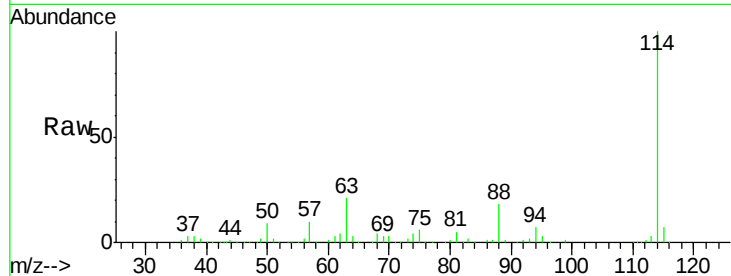
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0163

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.4	0.0	43.2
88	17.5	0.0	33.2

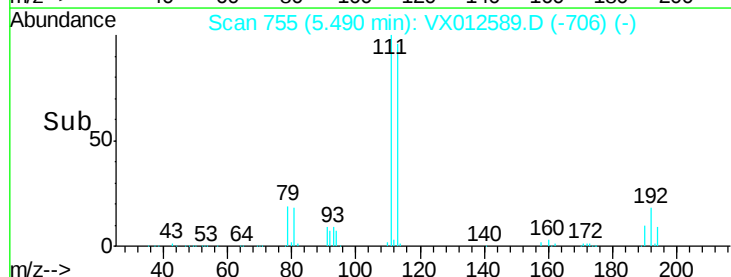
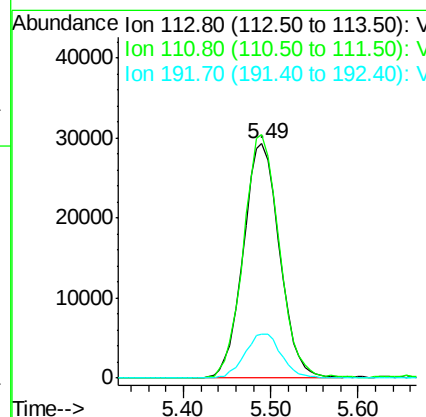
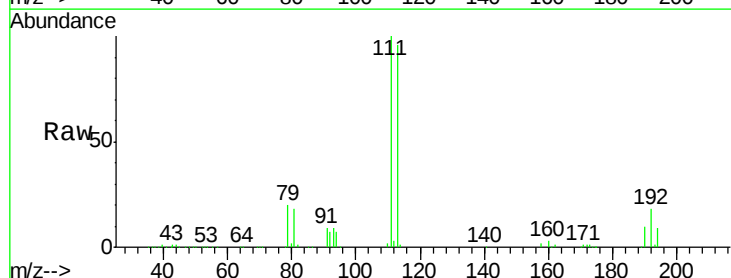
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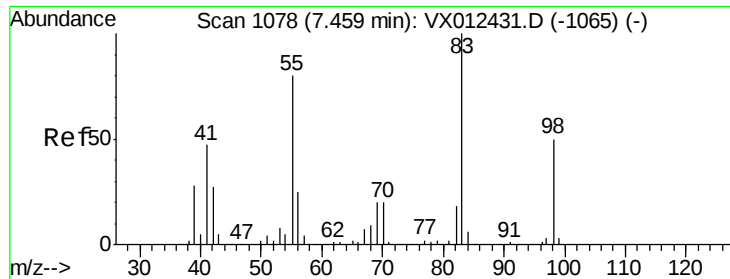
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#35
 Dibromofluoromethane
 Concen: 49.676 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	83.4	125.2
192	19.1	14.4	21.6





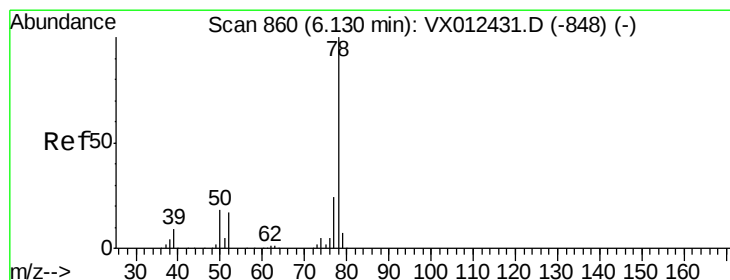
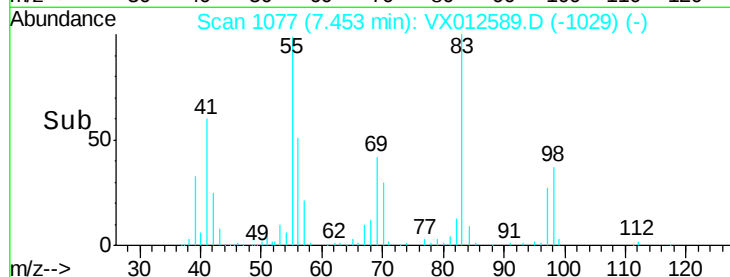
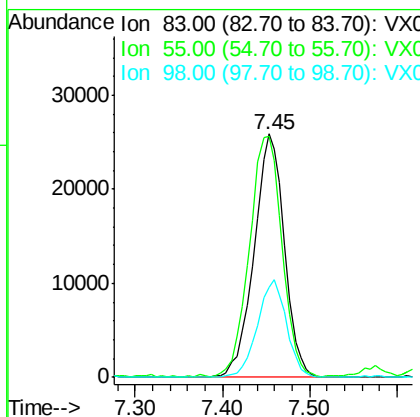
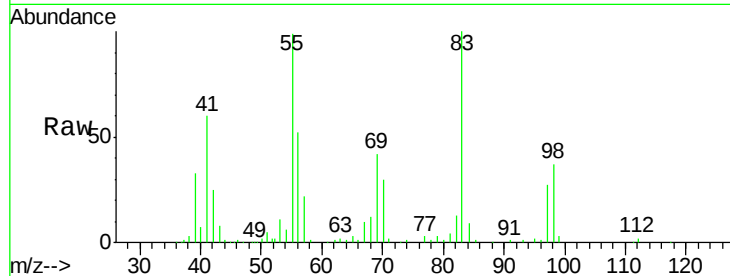
#39
Methvlcvclohexane
Concen: 37.295 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Instrument :
MSVOA_X
ClientSampleId :
Z2-0163

Tot Ion	Ratio	Resp	Lower	Upper
83	100	62080		
55	98.3		64.4	96.6#
98	37.1		40.1	60.1#

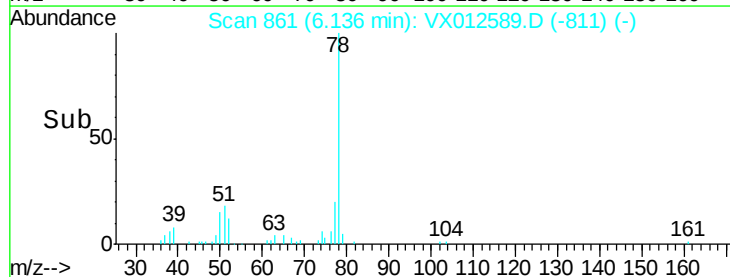
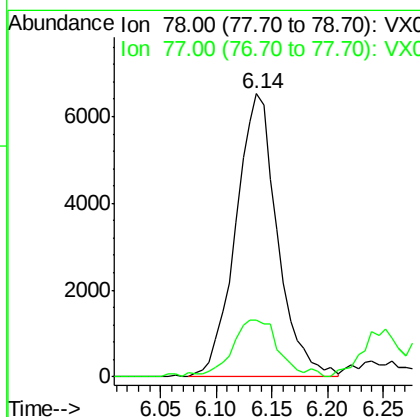
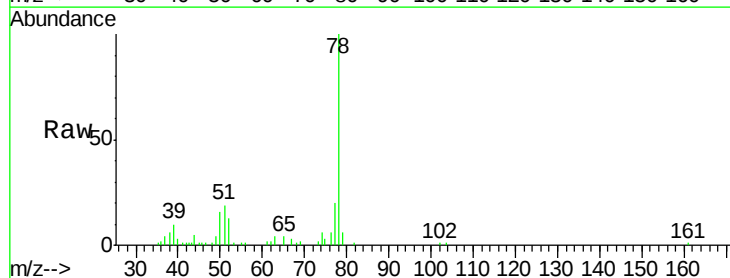
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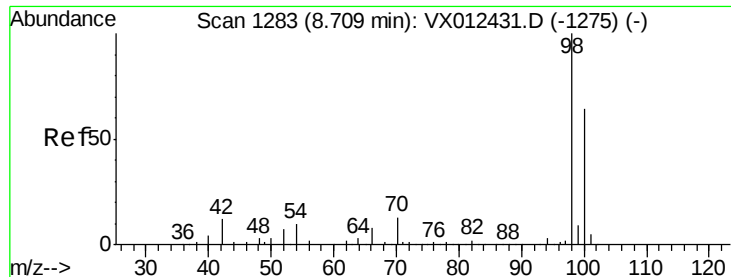
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#40
Benzene
Concen: 3.115 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	16960		
77	18.7		19.2	28.8#





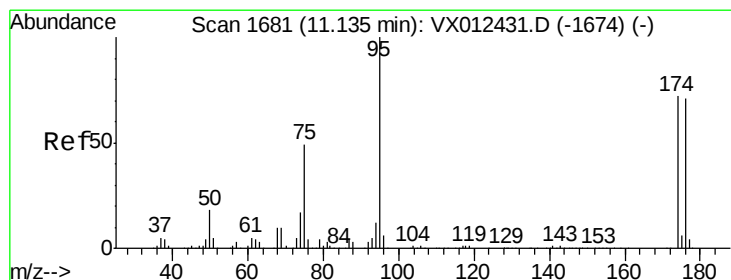
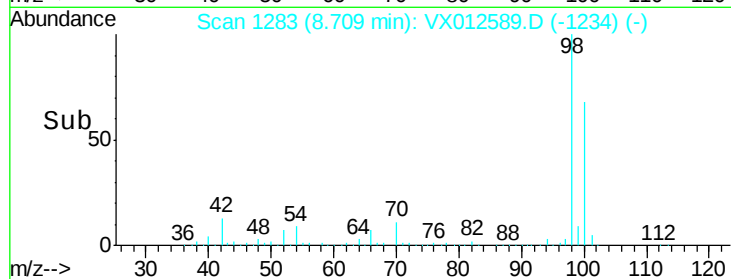
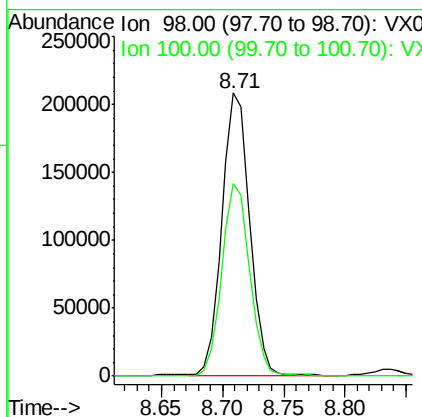
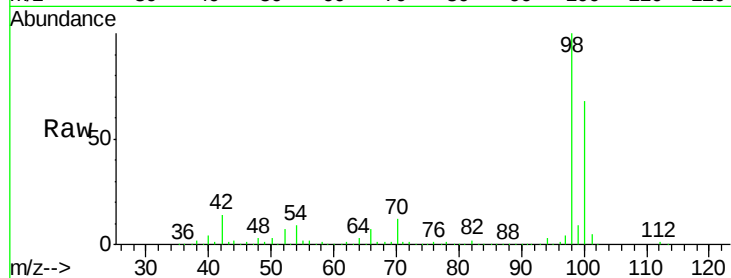
#50
Toluene-d8
Concen: 51.713 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Instrument :
MSVOA_X
ClientSampleId :
Z2-0163

Tot Ion: 98 Resp: 326402
Ion Ratio Lower Upper
98 100
100 68.6 53.4 80.2

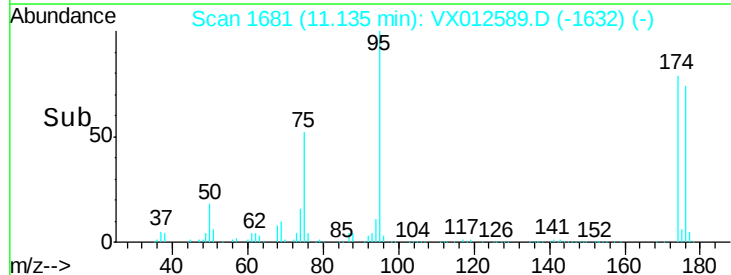
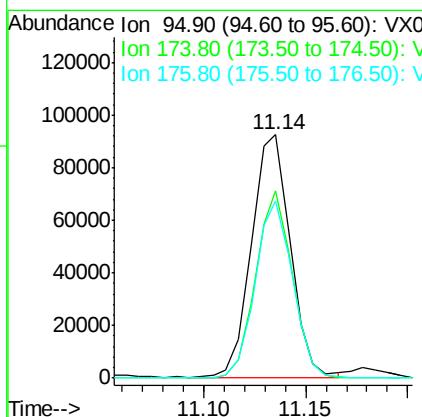
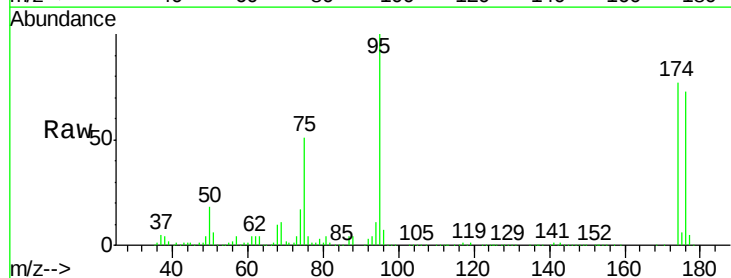
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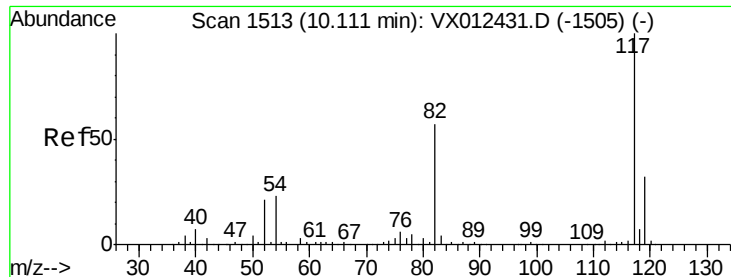
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#62
4-Bromofluorobenzene
Concen: 46.493 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Tgt Ion: 95 Resp: 121845
Ion Ratio Lower Upper
95 100
174 73.1 0.0 140.0
176 70.9 0.0 135.4





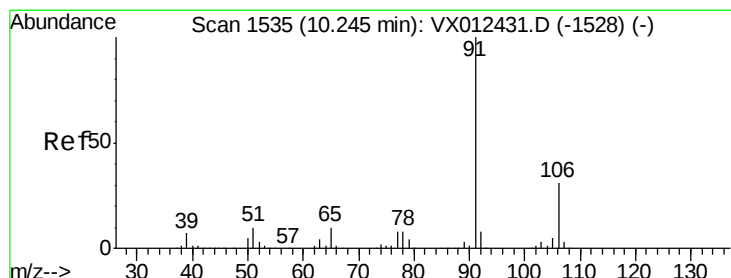
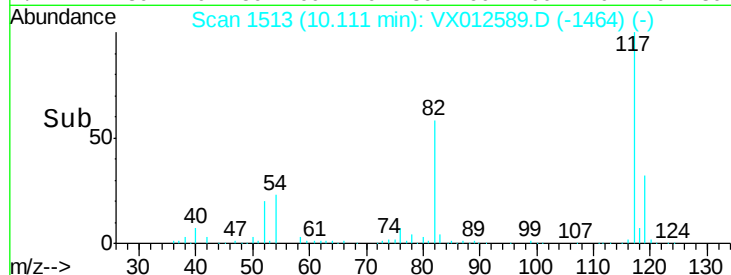
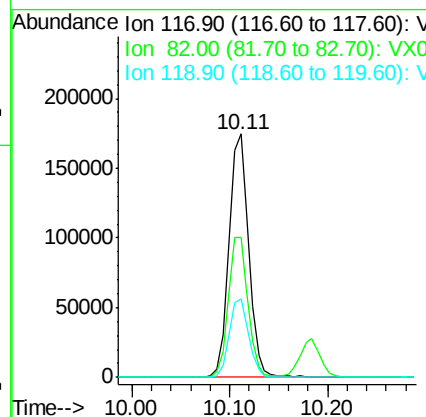
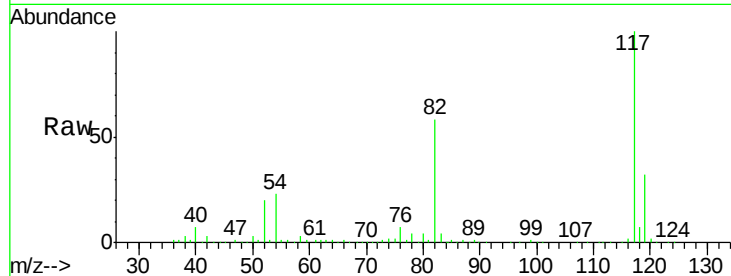
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Instrument :
MSVOA_X
ClientSampled :
Z2-0163

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	32.2	25.3	37.9

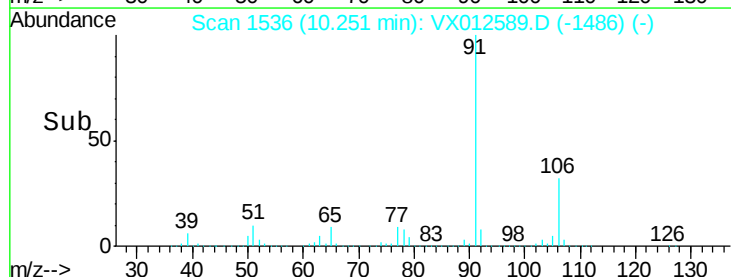
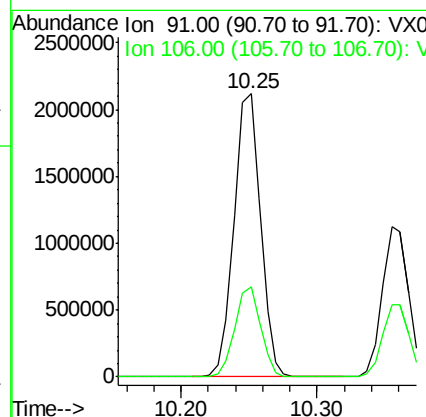
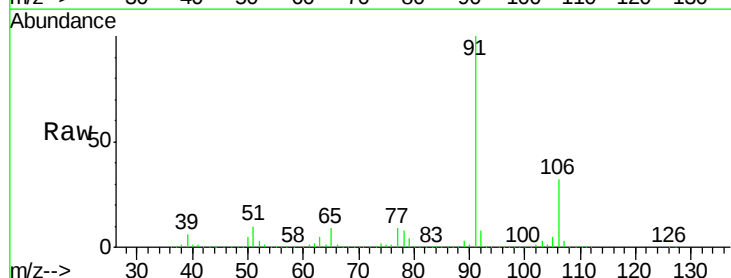
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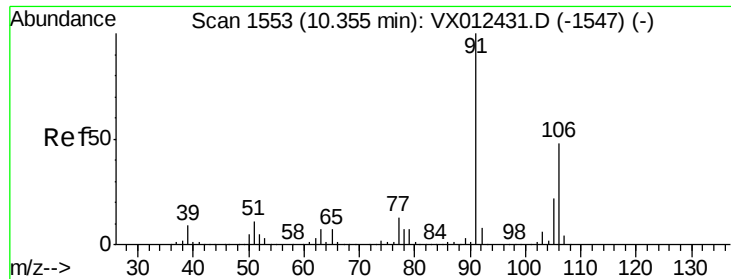
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#67
Ethyl Benzene
Concen: 419.217 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.6	37.0





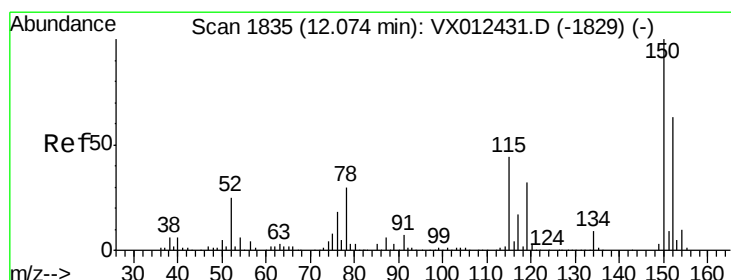
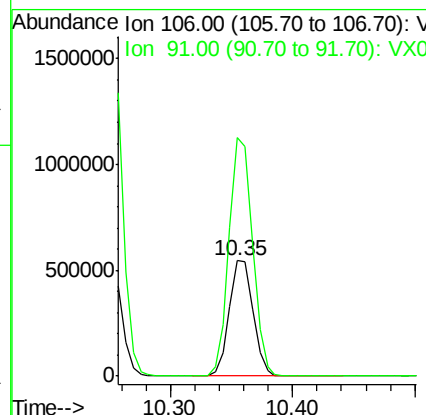
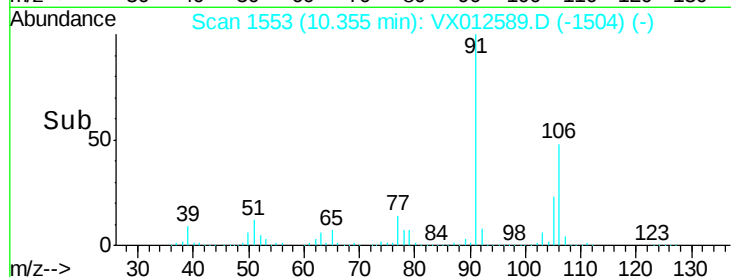
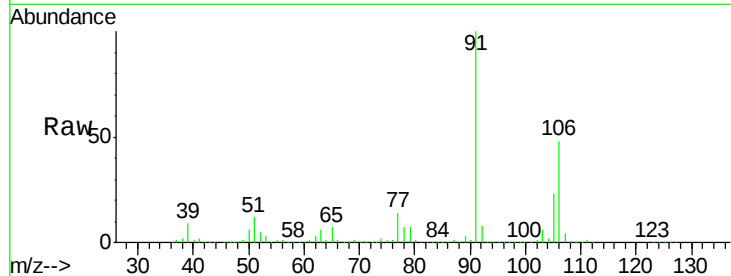
#68
m/p-Xvlenes
Concen: 293.115 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Instrument :
MSVOA_X
ClientSampled :
Z2-0163

Tot Ion:106 Resp: 735171
Ion Ratio Lower Upper
106 100
91 204.9 166.6 250.0

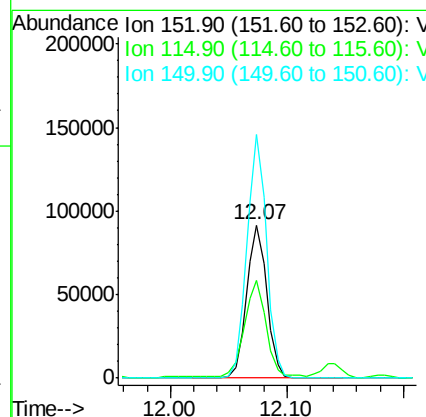
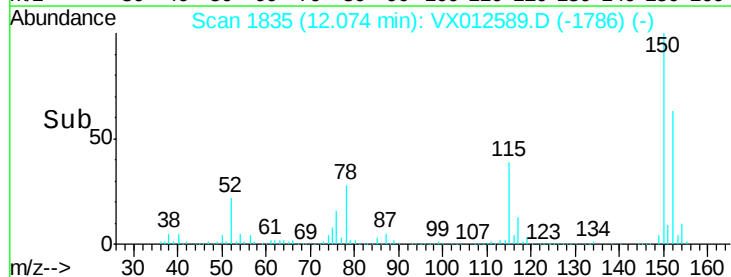
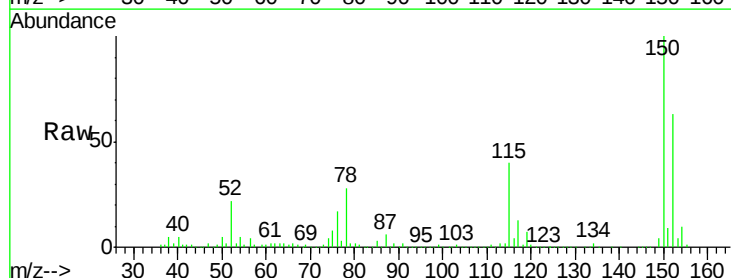
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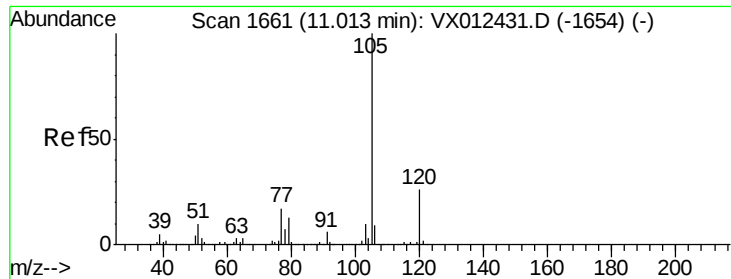
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012589.D
Acq: 21 Sep 2019 04:26

Tgt Ion:152 Resp: 110254
Ion Ratio Lower Upper
152 100
115 66.7 44.1 132.3
150 155.8 0.0 343.8





#73

Isopropylbenzene

Concen: 98.052 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

Instrument :

MSVOA_X

ClientSampleId :

Z2-0163

Tot Ion:105 Resp: 678305

Ion Ratio Lower Upper

105 100

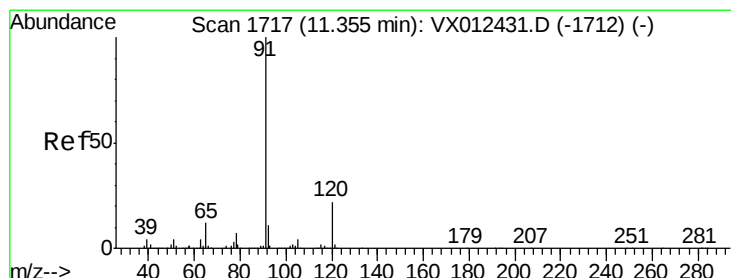
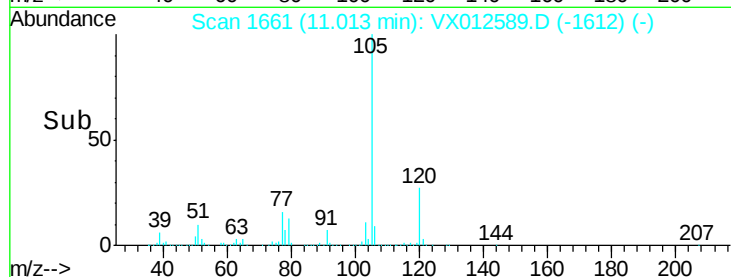
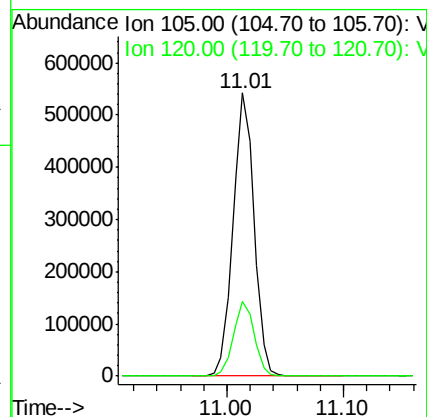
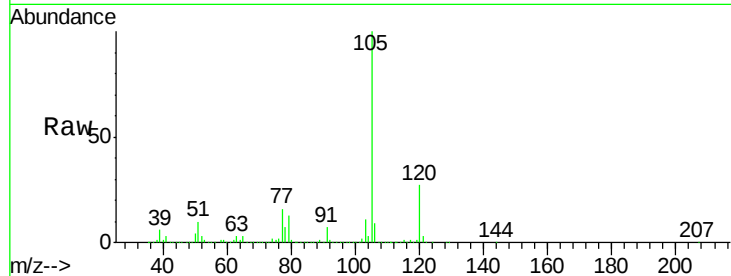
120 26.4 12.9 38.7

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#78

n-propylbenzene

Concen: 71.886 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012589.D

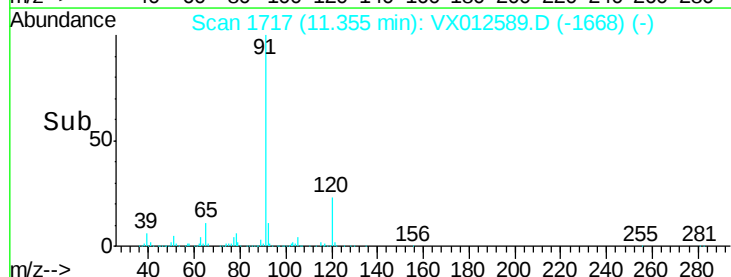
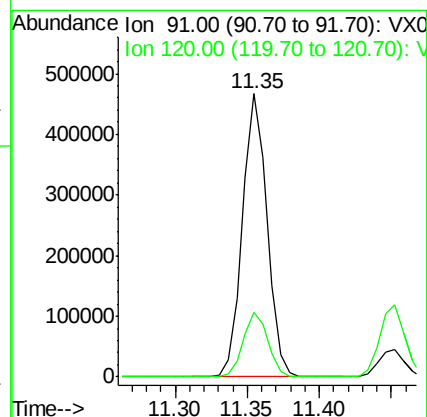
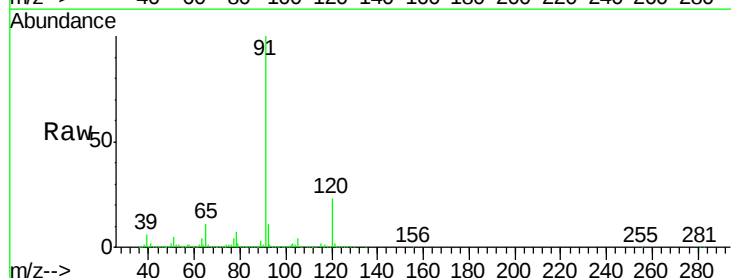
Acq: 21 Sep 2019 04:26

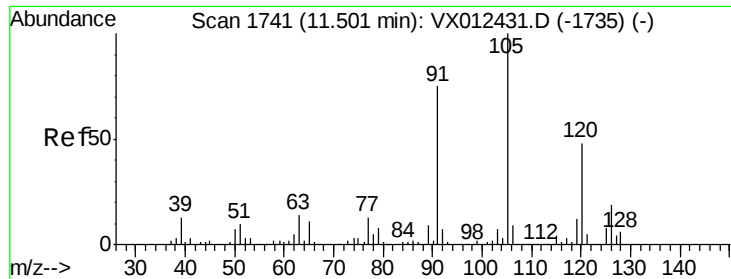
Tgt Ion: 91 Resp: 554253

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.8





#80

1,3,5-Trimethylbenzene

Concen: 0.481 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

Instrument :

MSVOA_X

ClientSampled :

Z2-0163

Tot Ion:105 Resp: 2840

Ion Ratio Lower Upper

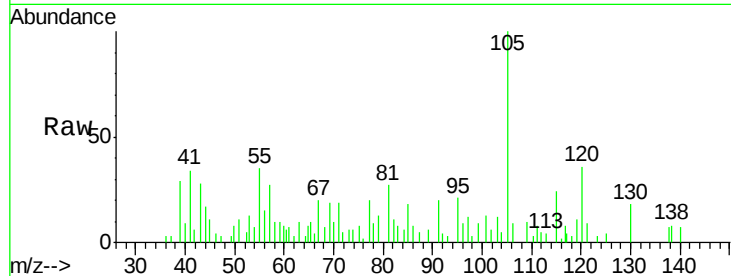
105 100

120 5008.1 24.3 72.8

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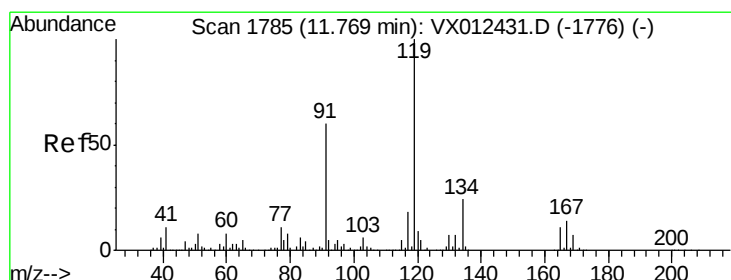
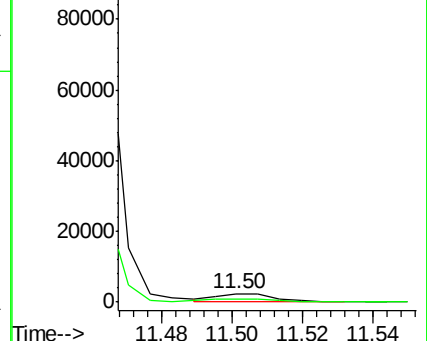
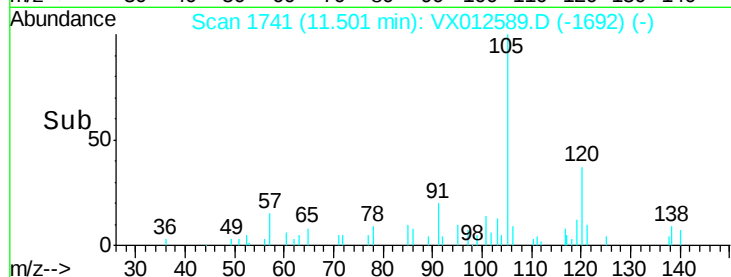
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 2.260 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

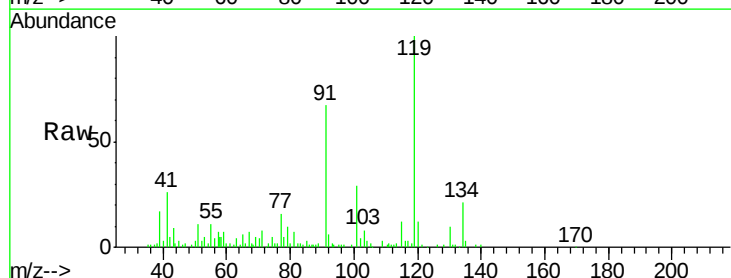
Tgt Ion:119 Resp: 14287

Ion Ratio Lower Upper

119 100

91 69.3 30.0 90.0

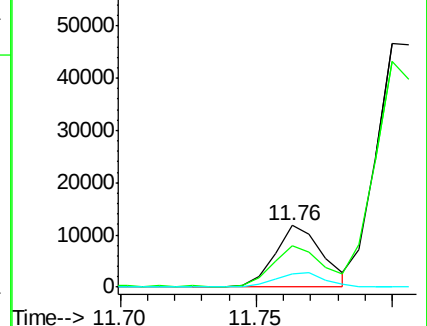
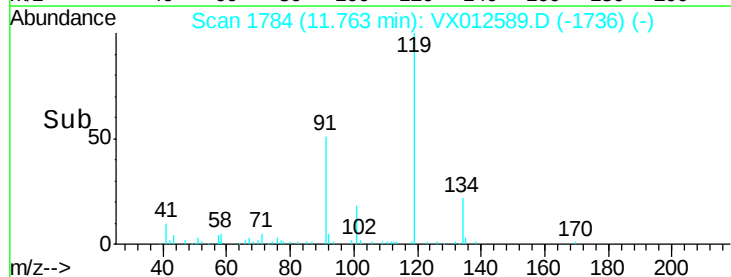
134 24.4 11.3 33.9

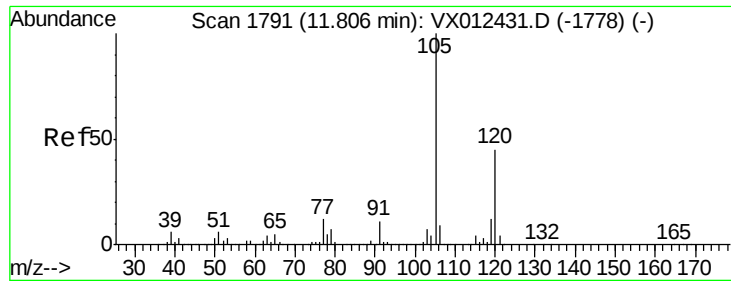


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





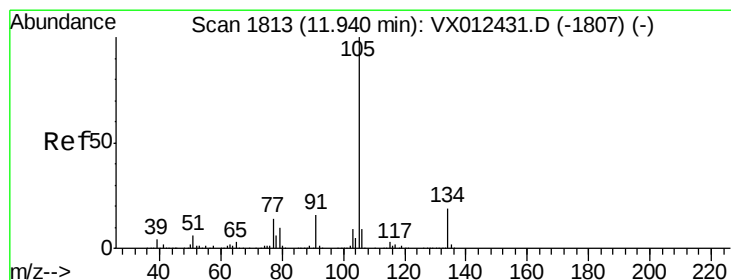
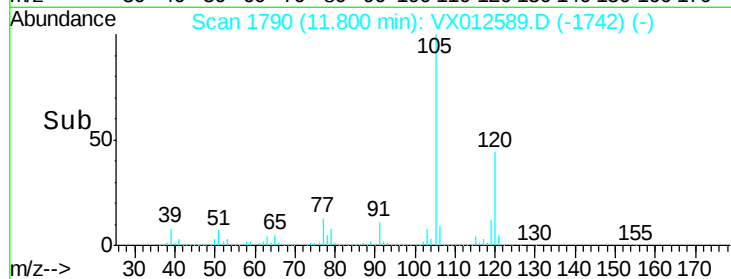
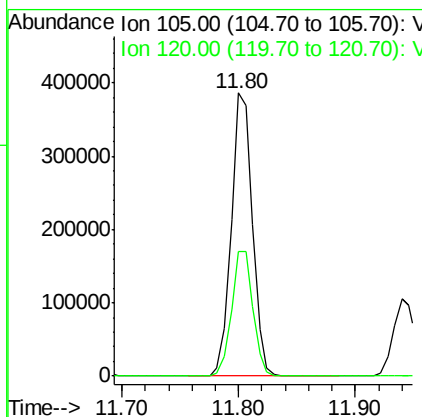
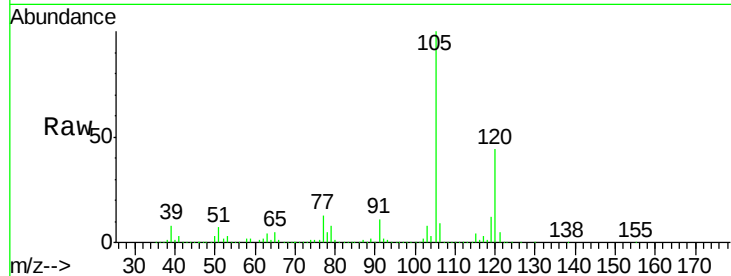
#84
 1,2,4-Trimethylbenzene
 Concen: 80.420 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0163

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6

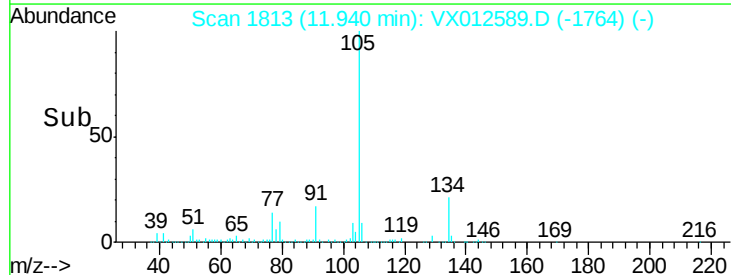
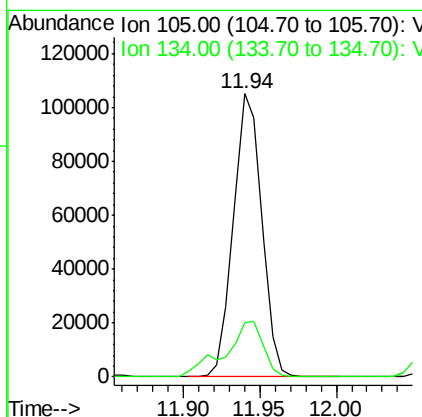
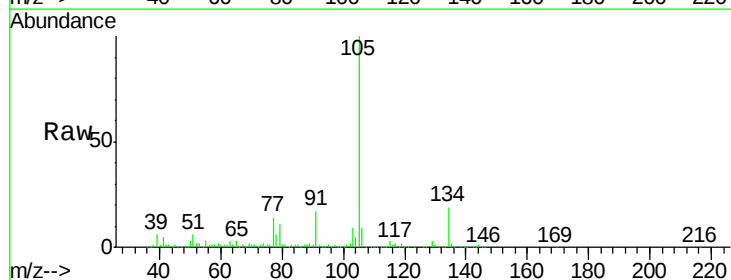
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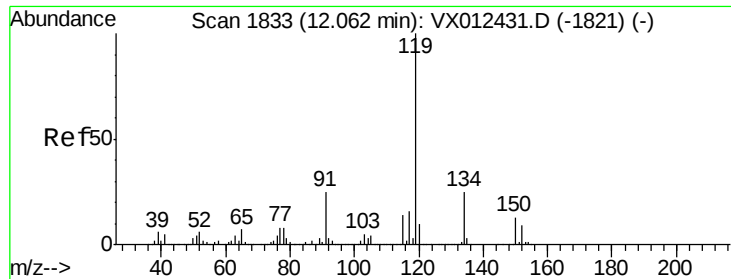
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 9/23/2019 11:29:10 AM



#85
 sec-Butylbenzene
 Concen: 19.377 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Lower	Upper
105	100		
134	26.5	9.8	29.4





#86

p-Isopropyltoluene

Concen: 10.248 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

Instrument :

MSVOA_X

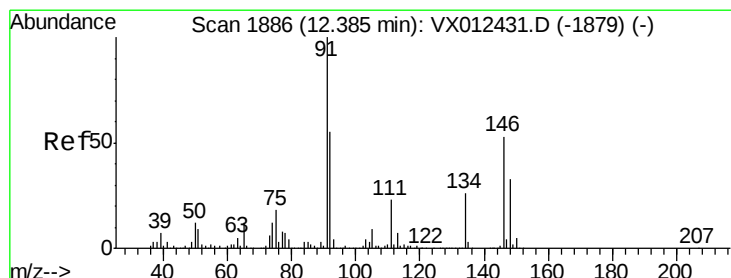
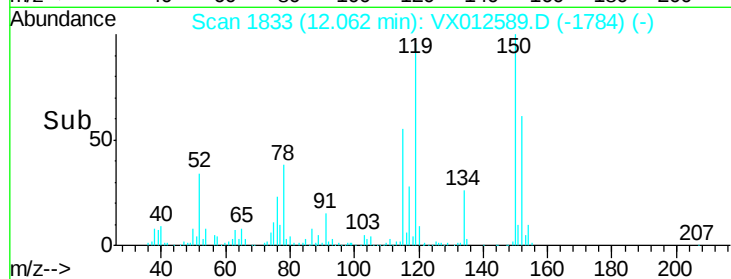
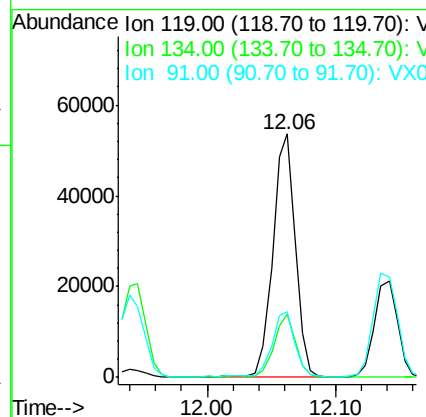
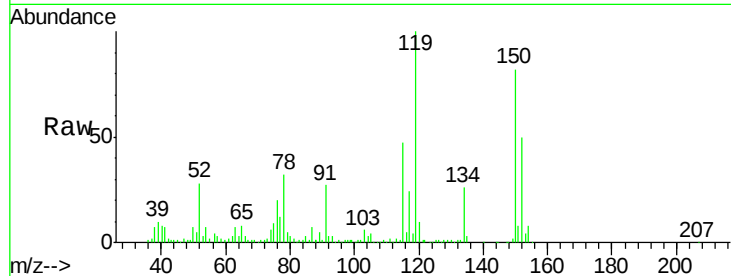
ClientSampled :

Z2-0163

Tot Ion:	119	Resp:	65552
Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	26.5	12.8	38.4

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#89

n-Butylbenzene

Concen: 1.667 ug/l m

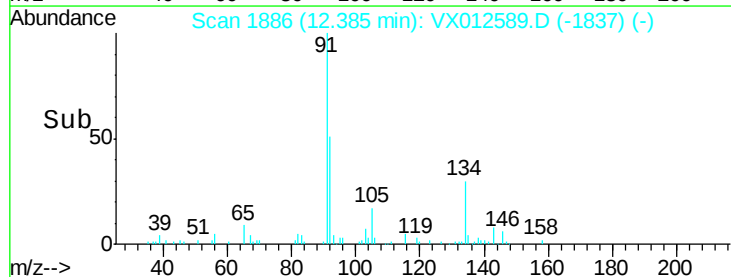
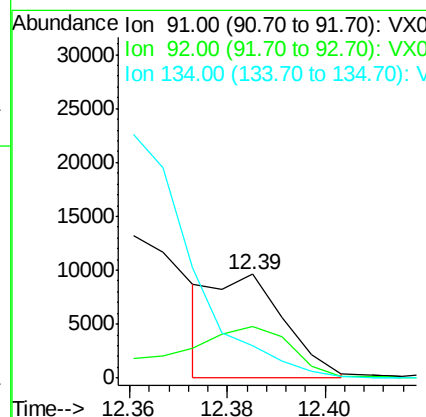
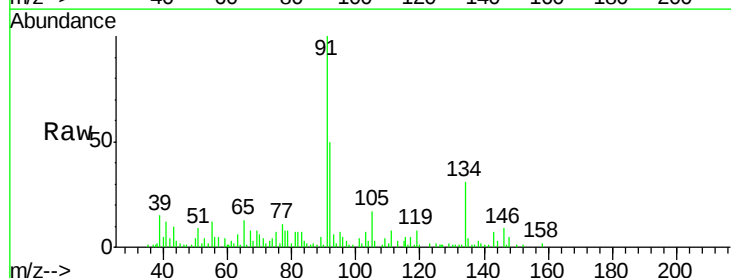
RT: 12.39 min Scan# 1886

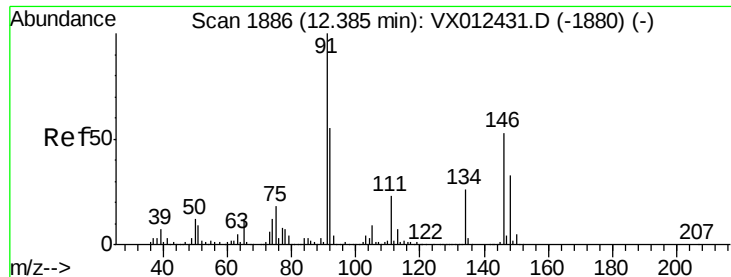
Delta R.T. 0.00 min

Lab File: VX012589.D

Acq: 21 Sep 2019 04:26

Tgt Ion:	91	Resp:	9514
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.7	83.0#
134	308.7	12.9	38.6#





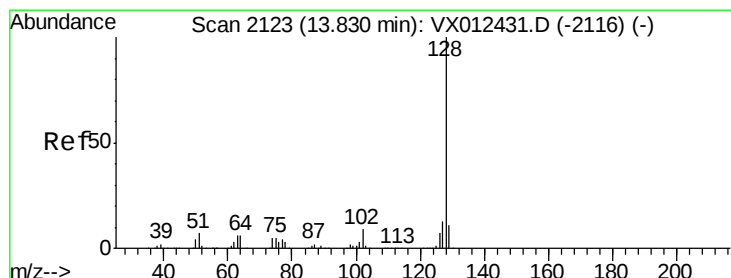
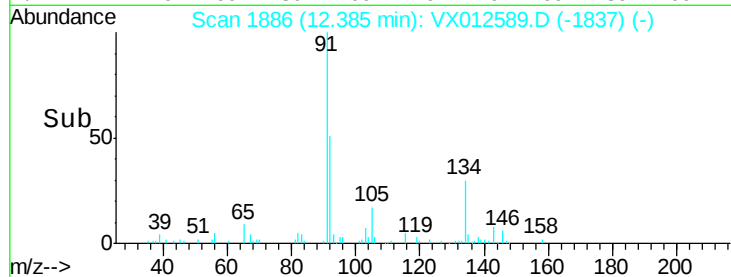
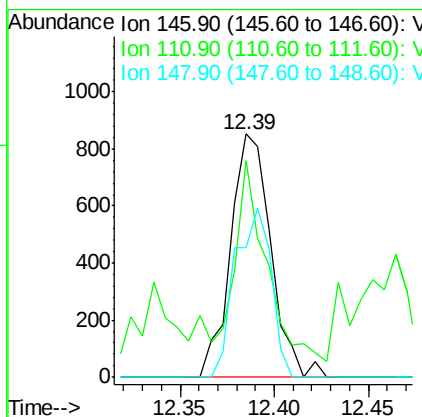
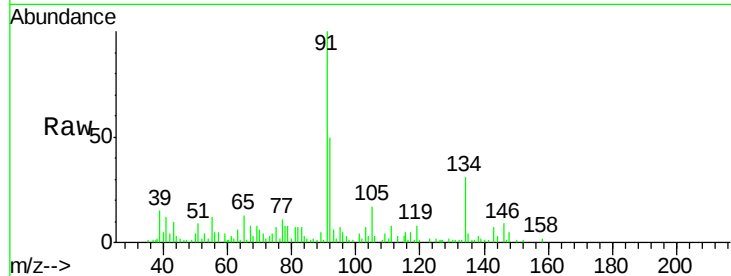
#91
 1,2-Dichlorobenzene
 Concen: 0.380 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0163

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.1	22.1	66.1
148	62.1	31.3	93.9

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#95
 Naphthalene
 Concen: 77.970 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX012589.D
 Acq: 21 Sep 2019 04:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.1	8.8	13.2

