

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008644.D
 Acq On : 04 Apr 2019 18:27
 Operator : JC/SP
 Sample : K2275-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705

Manual Integrations
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 4/5/2019 11:12:15 AM

Quant Time: Apr 05 08:35:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132425	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146205	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.50	113	106634	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	446000	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	148339	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	9896	13.495	ug/l #	72
16) Acetone	2.45	43	9016	4.997	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	1070	0.347	ug/l	86
31) Cyclohexane	5.58	56	449343	83.026	ug/l	99
39) Methylcyclohexane	7.46	83	524184	109.248	ug/l	99
40) Benzene	6.14	78	797432	68.915	ug/l	99
52) Toluene	8.79	92	678461	99.455	ug/l	100
65) Chlorobenzene	10.14	112	39619	5.820	ug/l	100
67) Ethyl Benzene	10.25	91	1838695	144.849	ug/l	99
68) m/p-Xylenes	10.36	106	1884616	412.919	ug/l	97
69) o-Xylene	10.70	106	371404	83.968	ug/l	99
73) Isopropylbenzene	11.02	105	190195	17.331	ug/l	100
78) n-propylbenzene	11.36	91	258462	20.227	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	832636	90.385	ug/l	99
83) tert-Butylbenzene	11.77	119	7459	0.842	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.80	105	1785479	191.413	ug/l	98
85) sec-Butylbenzene	11.94	105	44372m	4.215	ug/l	
86) p-Isopropyltoluene	12.06	119	61967	6.558	ug/l	98
95) Naphthalene	13.83	128	533339	48.942	ug/l	99

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

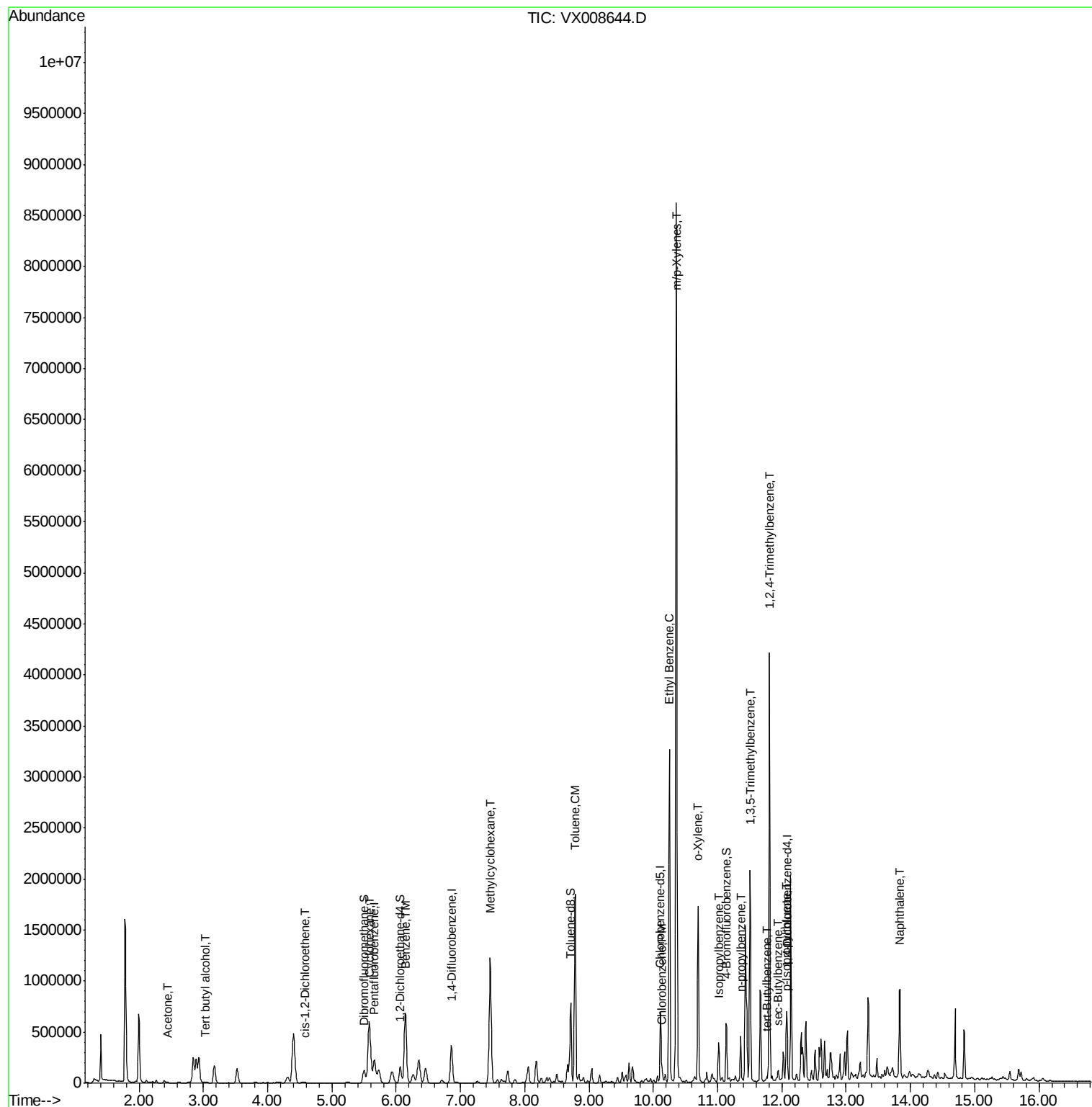
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008644.D
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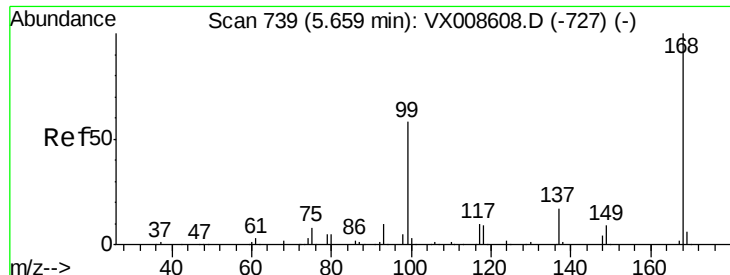
Instrument :
MSVOA_X
ClientSampleId :
S8-0705

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

S8-0705

Tot Ion:168 Resp: 214759

Ion Ratio Lower Upper

168 100

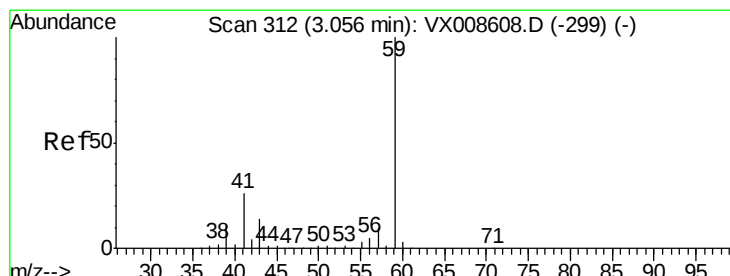
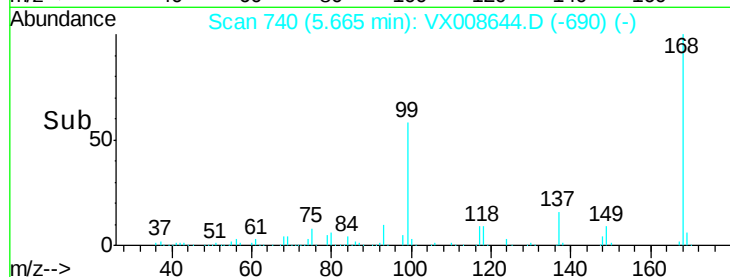
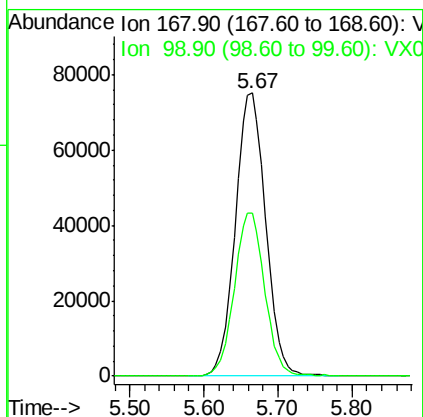
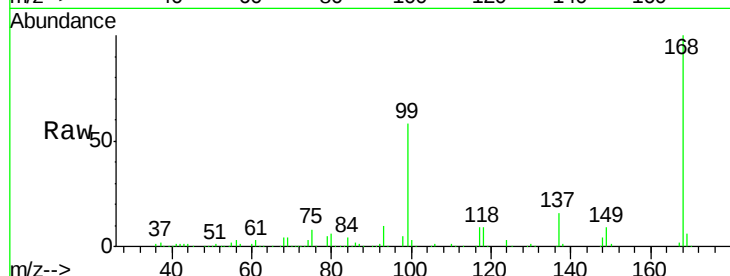
99 57.6 46.7 70.1

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#11

Tert butyl alcohol

Concen: 13.495 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008644.D

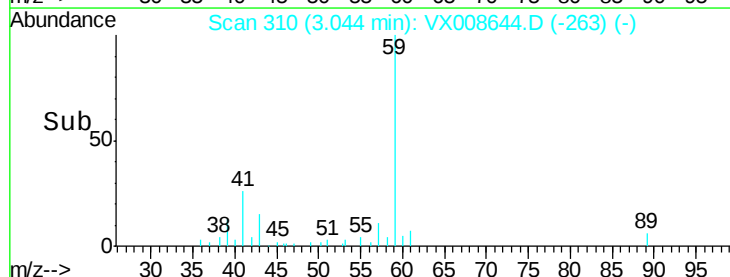
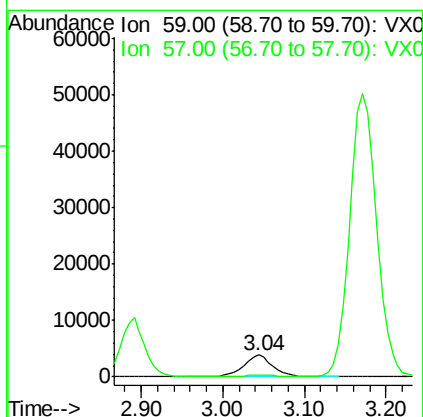
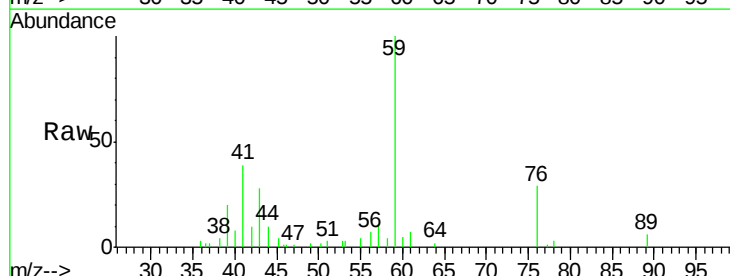
Acq: 04 Apr 2019 18:27

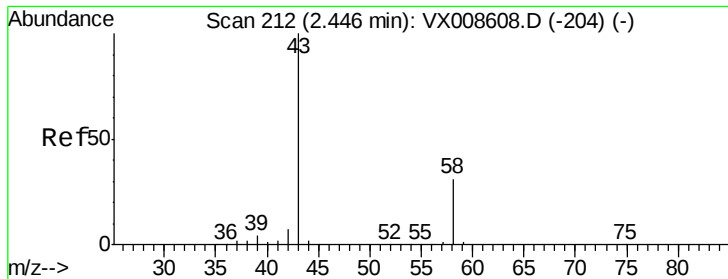
Tgt Ion: 59 Resp: 9896

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#16

Acetone

Concen: 4.997 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

S8-0705

Tot Ion: 43 Resp: 9016

Ion Ratio Lower Upper

43 100

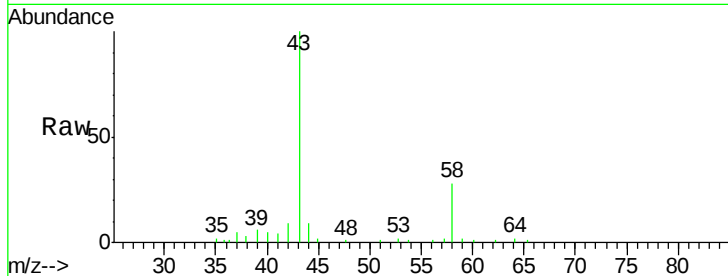
58 26.3 24.8 37.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

4000

3000

2000

1000

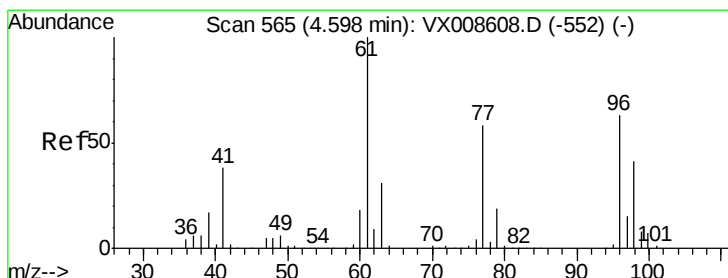
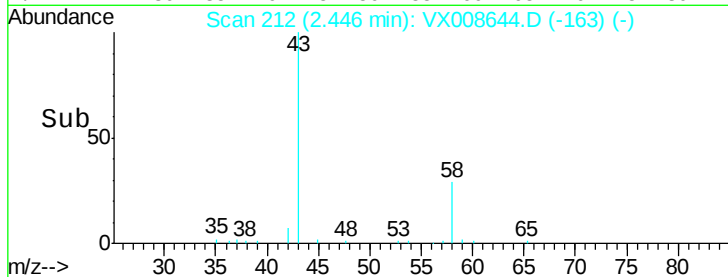
0

2.40

2.45

2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.347 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

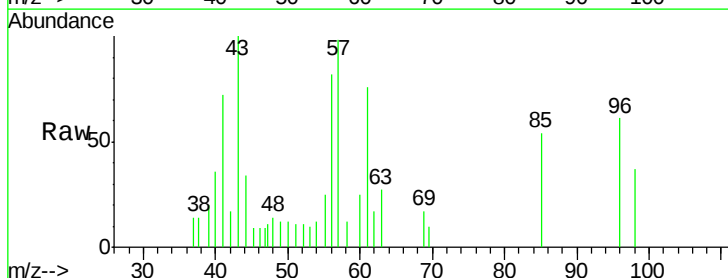
Tgt Ion: 96 Resp: 1070

Ion Ratio Lower Upper

96 100

61 142.1 0.0 327.6

98 57.6 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

600

500

400

300

200

100

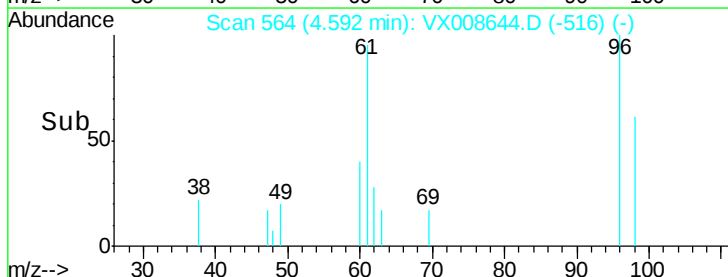
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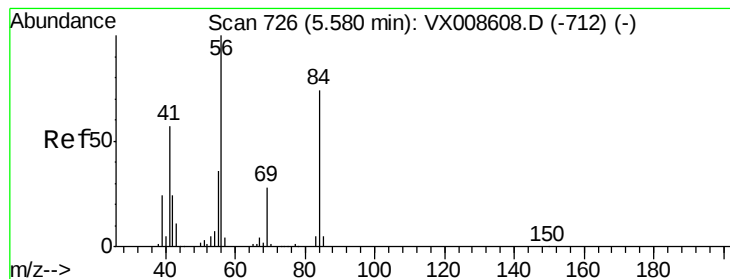
4.55

4.60

4.65

Time-->





#31

Cyclohexane

Concen: 83.026 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

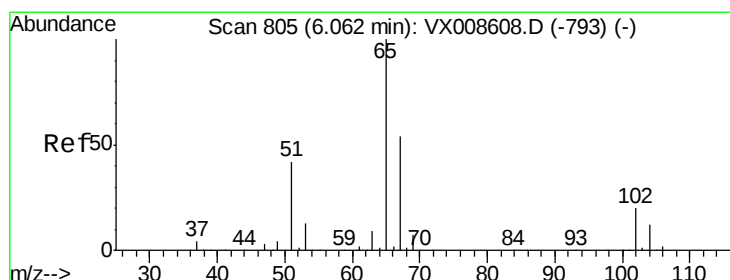
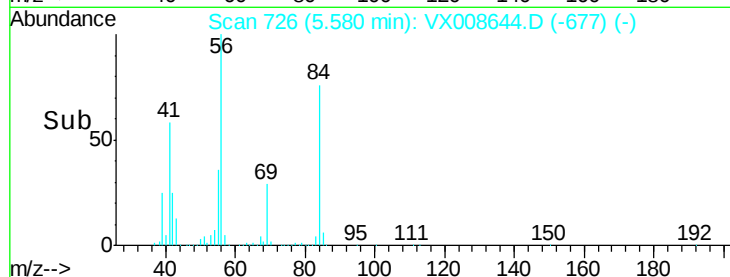
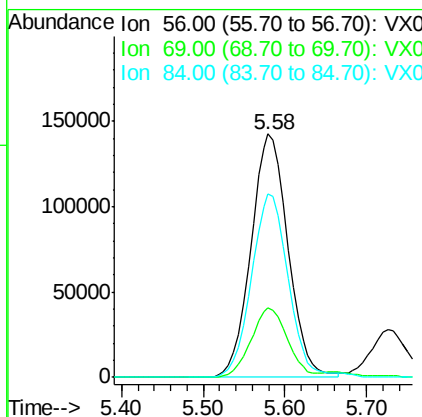
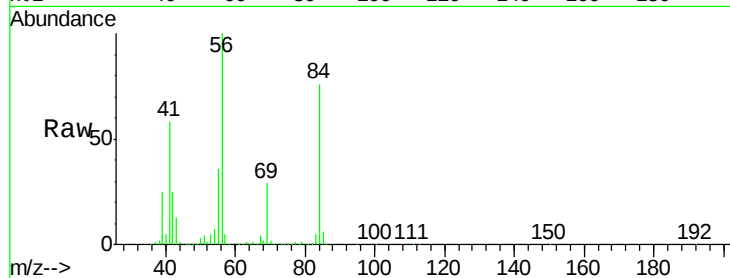
ClientSampleId :

S8-0705

Tot Ion:	56	Resp:	449343
Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.6	33.8
84	75.6	59.3	88.9

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#33

1,2-Dichloroethane-d4

Concen: 46.675 ug/l

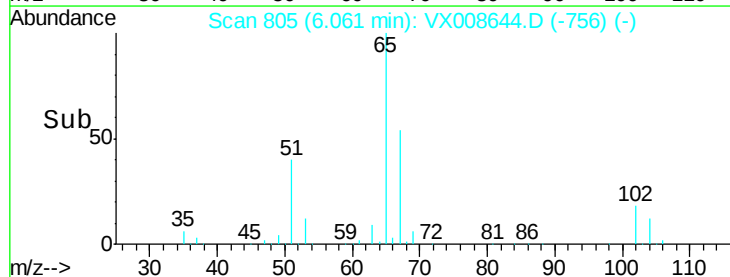
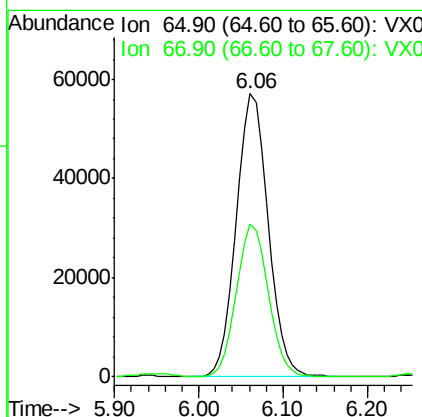
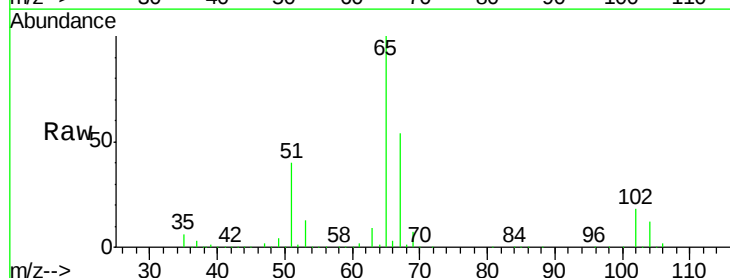
RT: 6.06 min Scan# 805

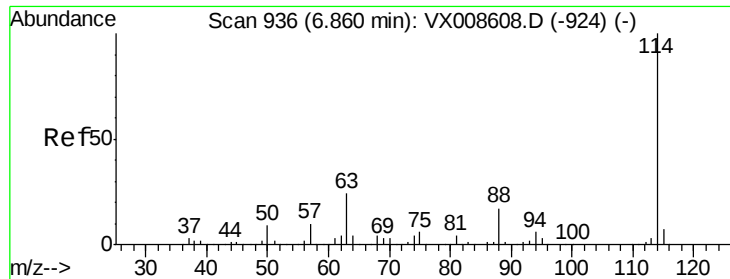
Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Tgt Ion:	65	Resp:	146205
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2





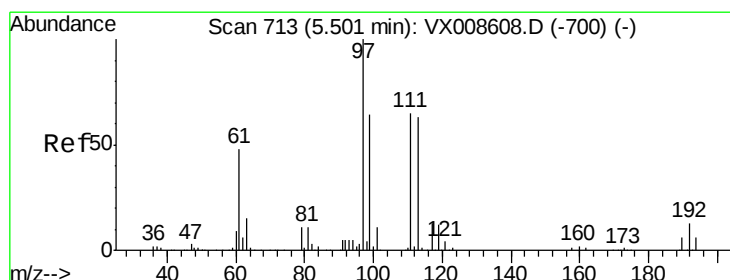
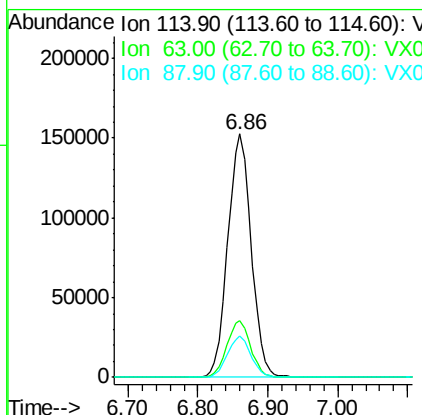
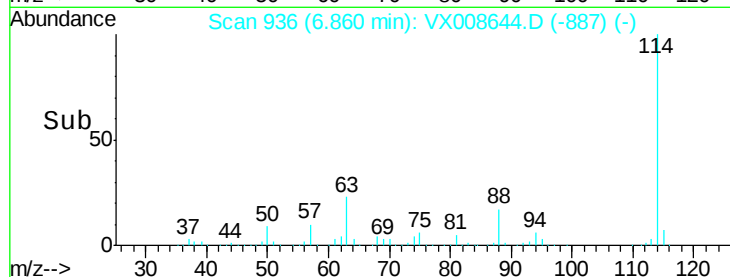
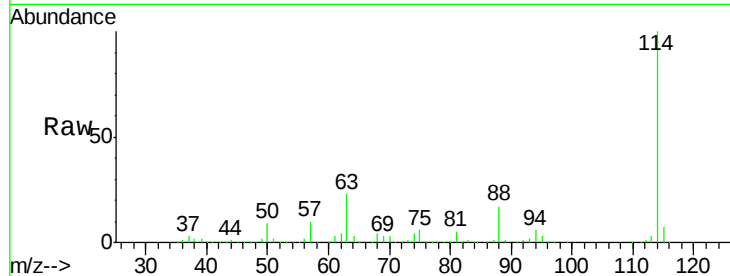
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008644.D
 Acq: 04 Apr 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705

Tot Ion	Ratio	Resp	Lower	Upper
114	100	355328		
63	23.2		0.0	47.2
88	16.8		0.0	34.0

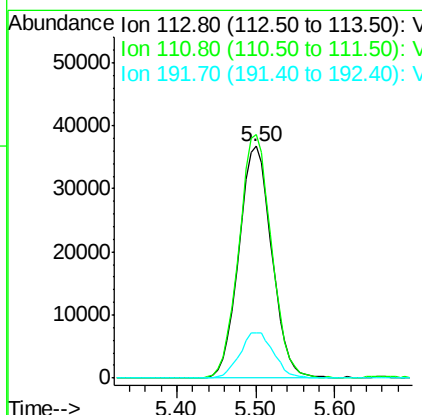
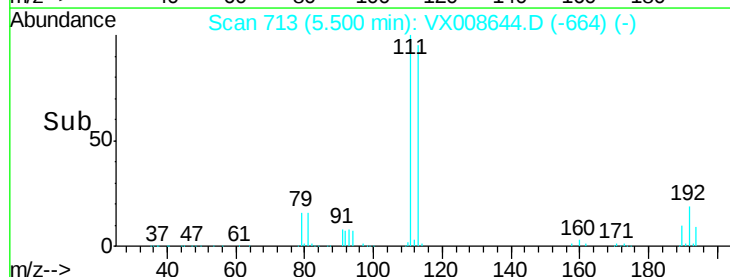
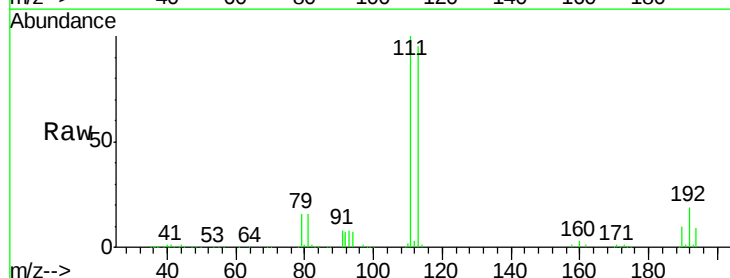
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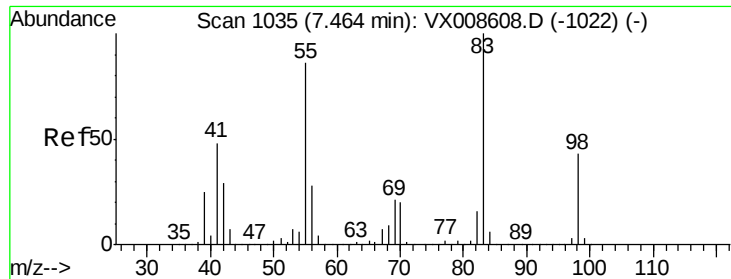
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#35
 Dibromofluoromethane
 Concen: 46.937 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008644.D
 Acq: 04 Apr 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	106634		
111	104.1		83.4	125.2
192	20.1		16.1	24.1





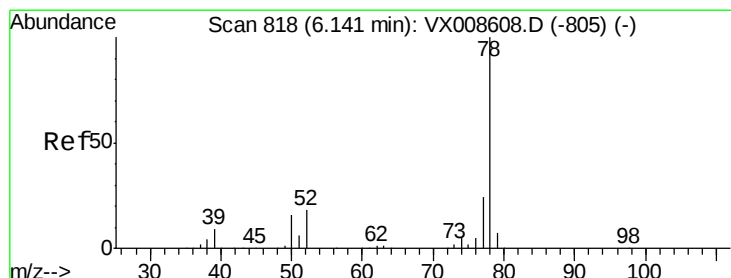
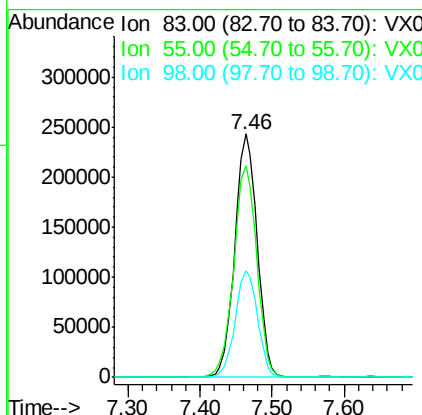
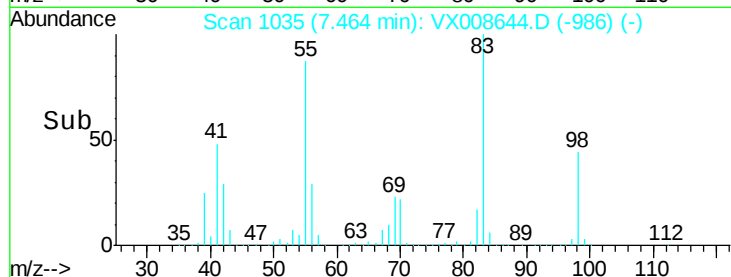
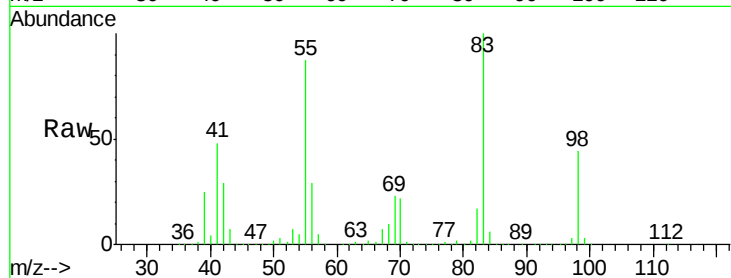
#39
Methvlcvclohexane
Concen: 109.248 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.1	69.0	103.6
98	43.7	34.4	51.6

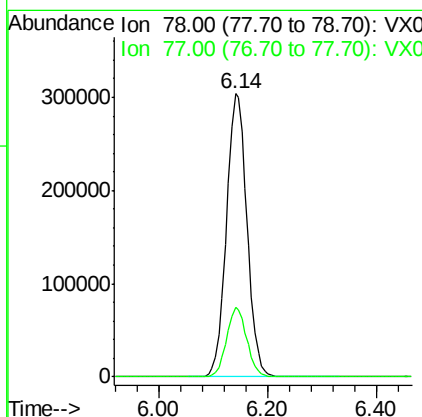
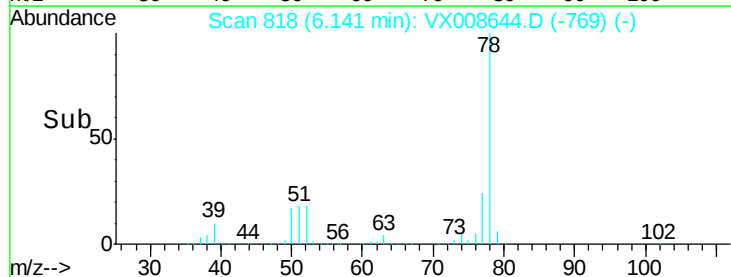
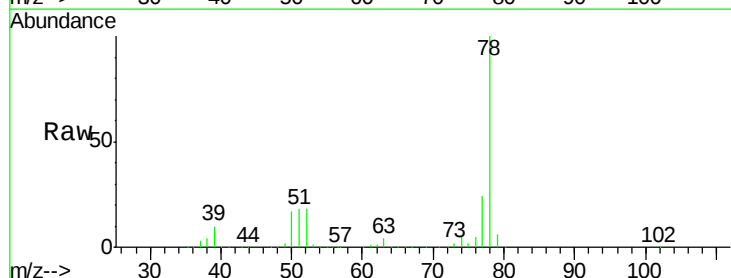
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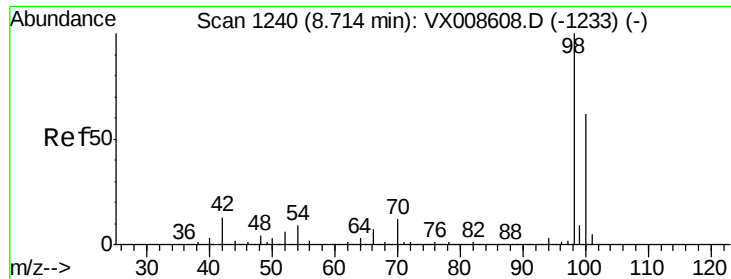
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#40
Benzene
Concen: 68.915 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





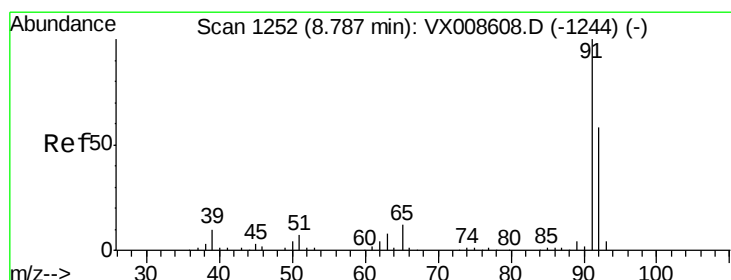
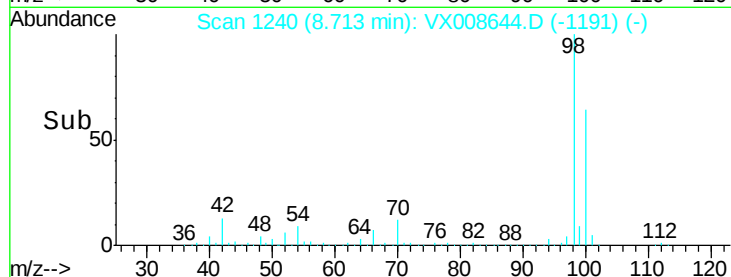
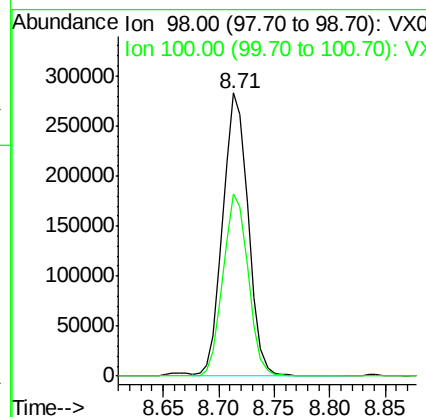
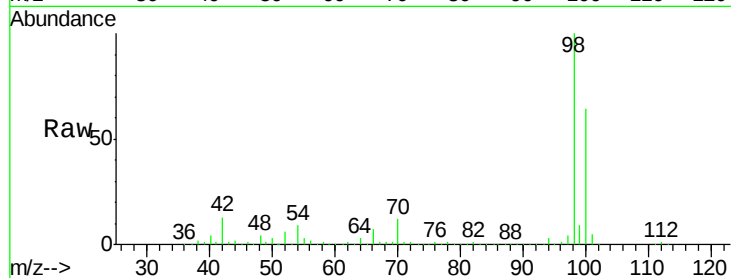
#50
Toluene-d8
Concen: 49.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion: 98 Resp: 446000
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

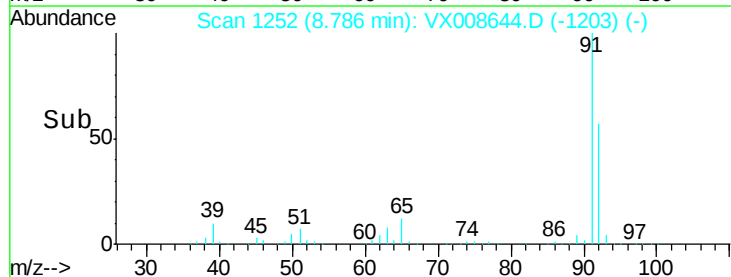
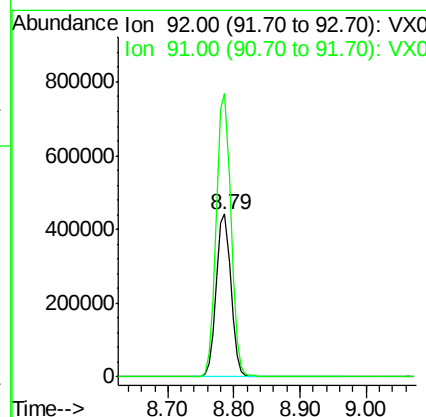
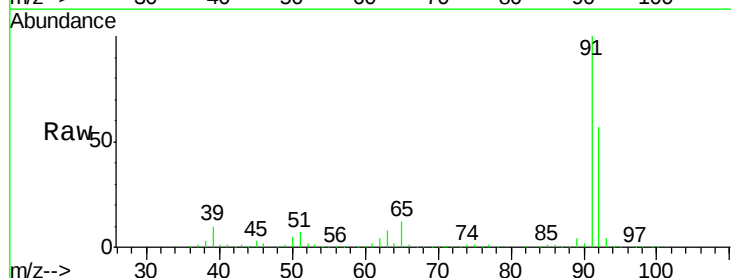
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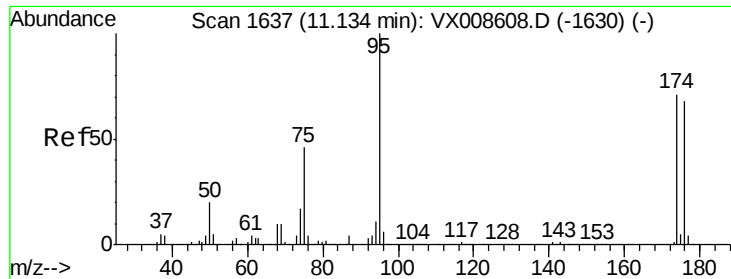
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#52
Toluene
Concen: 99.455 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Tgt Ion: 92 Resp: 678461
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7





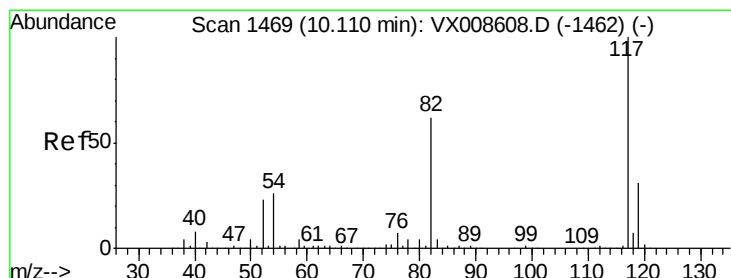
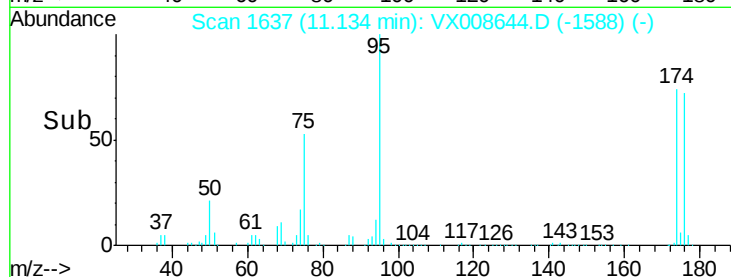
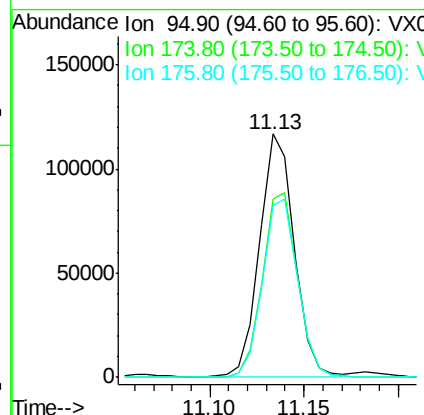
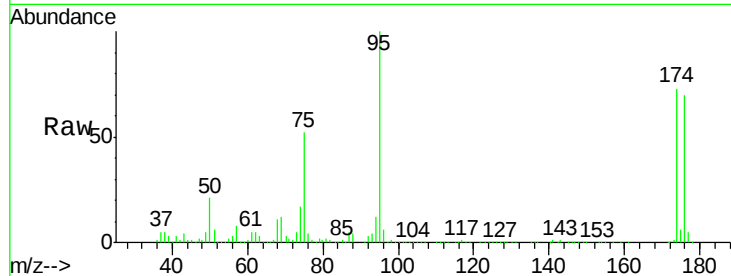
#62
4-Bromofluorobenzene
Concen: 46.243 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion	Ratio	Resp	Lower	Upper
95	100	148339		
174	77.2	0.0	151.8	
176	74.8	0.0	145.8	

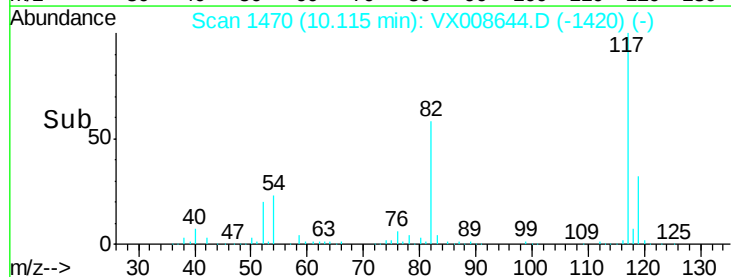
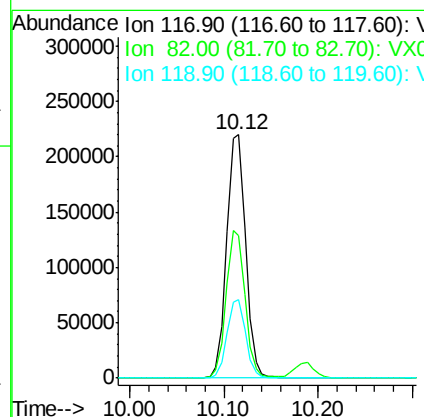
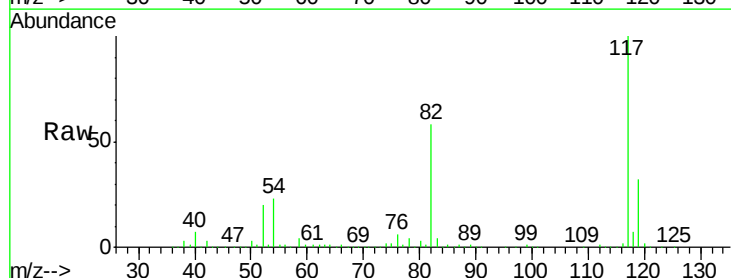
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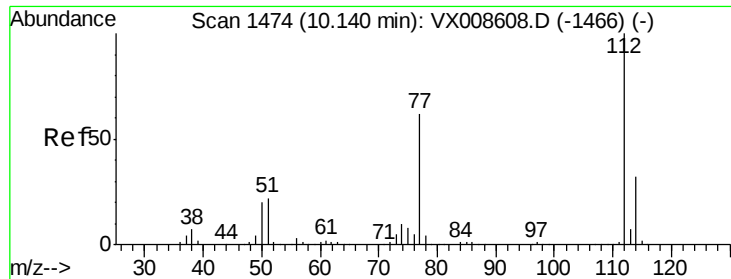
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	307105		
82	58.2	49.6	74.4	
119	32.5	25.0	37.4	





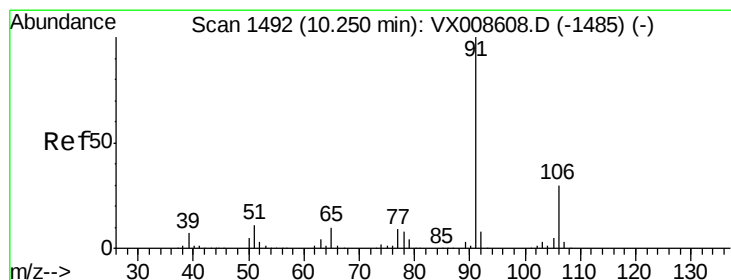
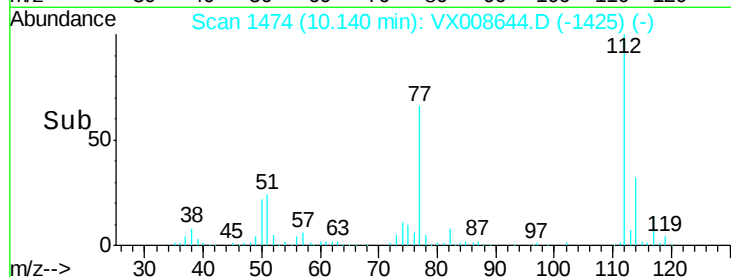
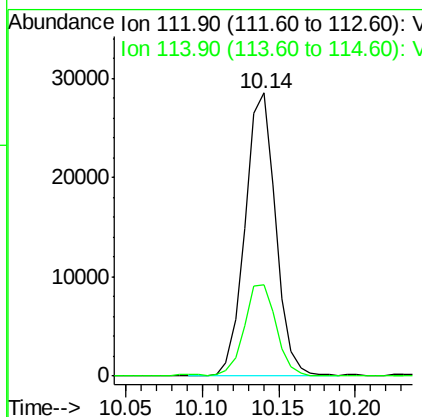
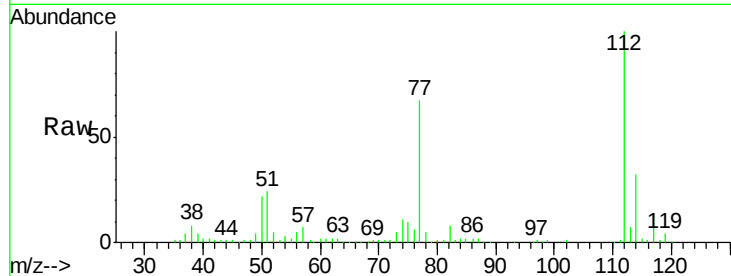
#65
Chlorobenzene
Concen: 5.820 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion:112 Resp: 39619
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

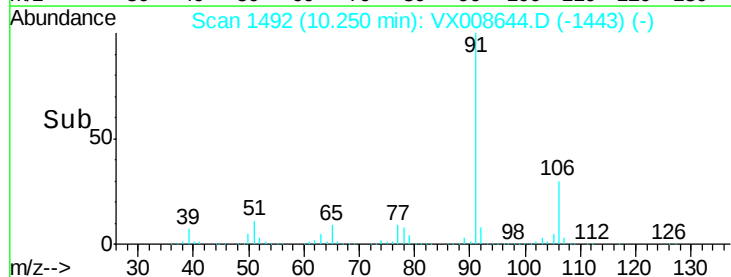
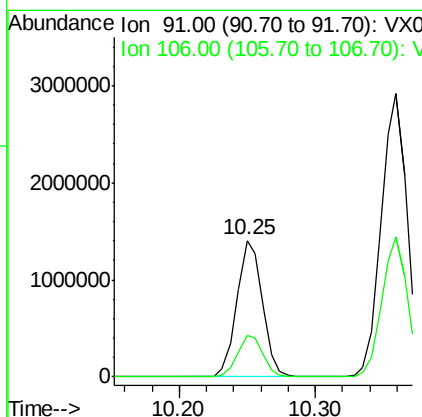
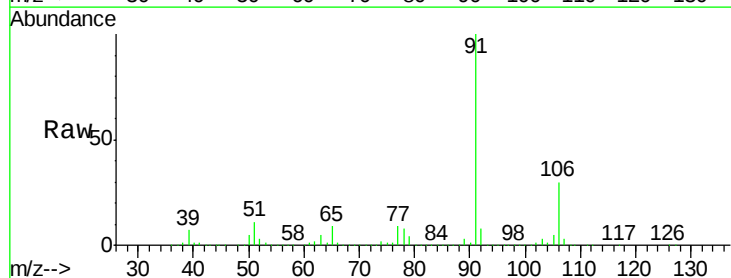
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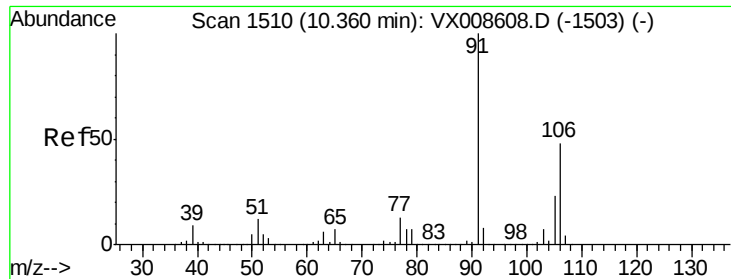
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#67
Ethyl Benzene
Concen: 144.849 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Tgt Ion: 91 Resp: 1838695
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5





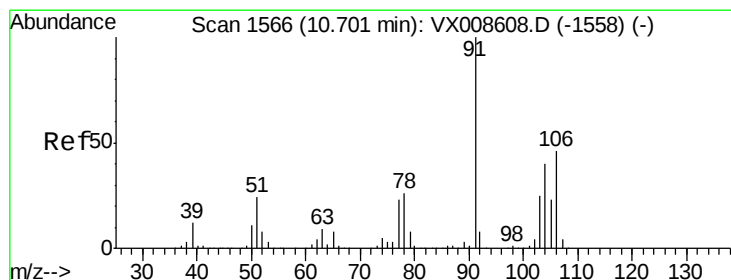
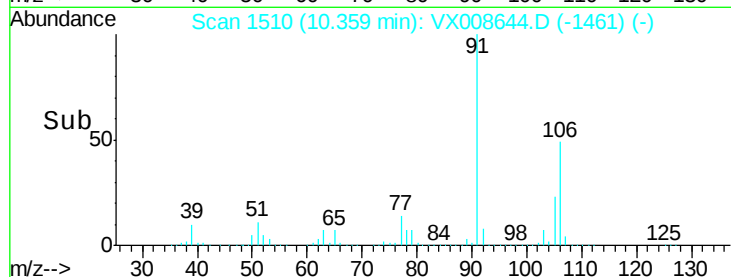
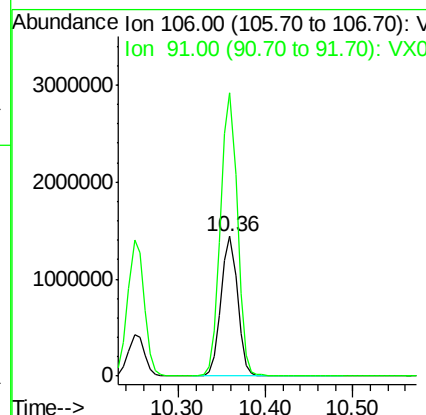
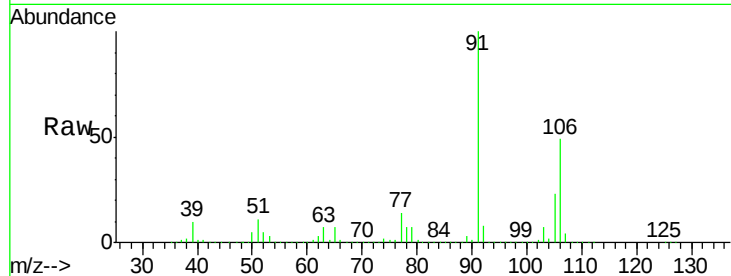
#68
m/p-Xylenes
Concen: 412.919 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion:106 Resp: 1884616
Ion Ratio Lower Upper
106 100
91 206.0 168.5 252.7

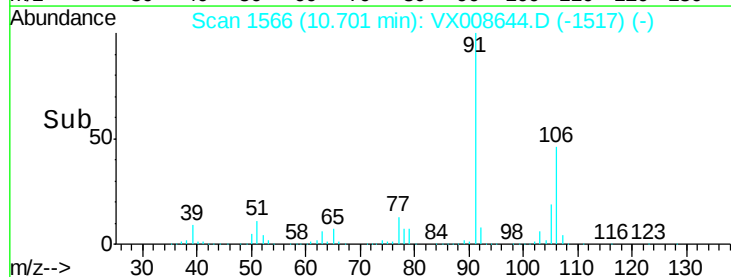
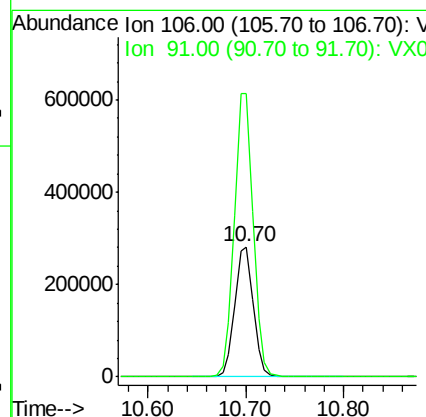
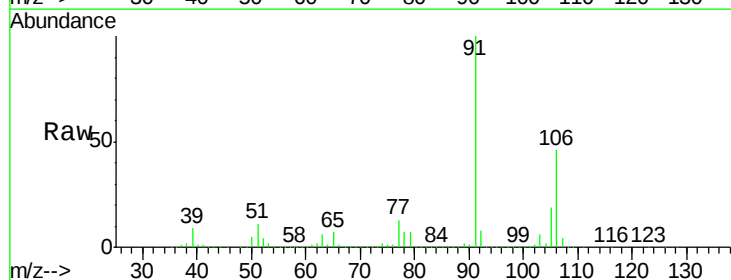
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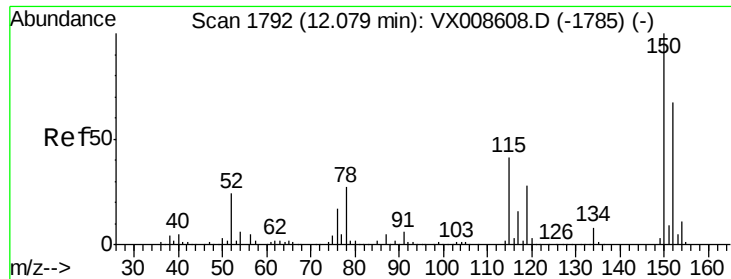
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#69
o-Xylene
Concen: 83.968 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Tgt Ion:106 Resp: 371404
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

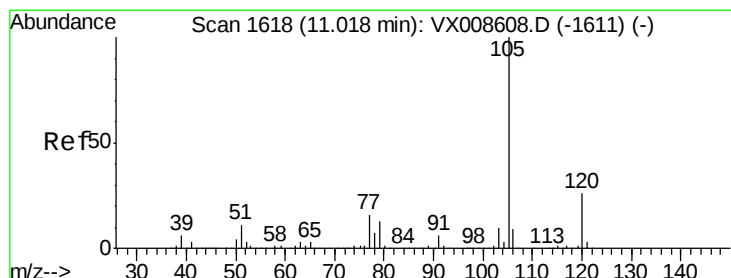
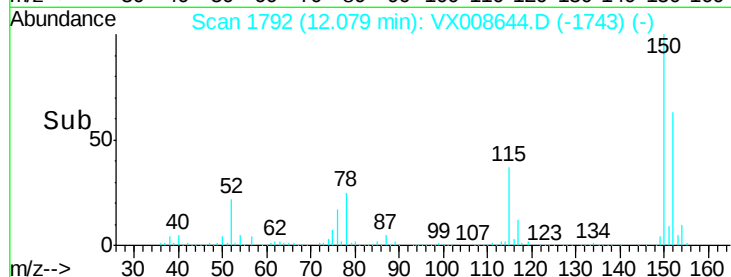
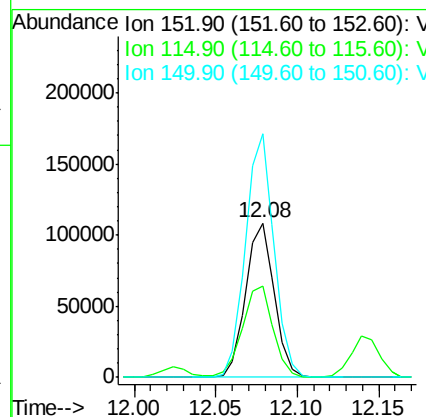
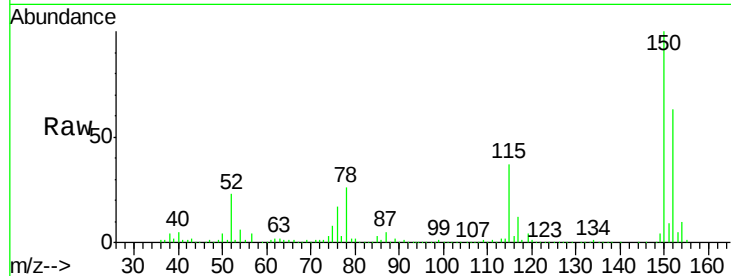
ClientSampled :

S8-0705

Tot Ion:	152	Resp:	132425
Ion Ratio	Lower	Upper	
152	100		
115	62.9	43.5	130.5
150	157.3	0.0	348.8

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#73

Isopropylbenzene

Concen: 17.331 ug/l

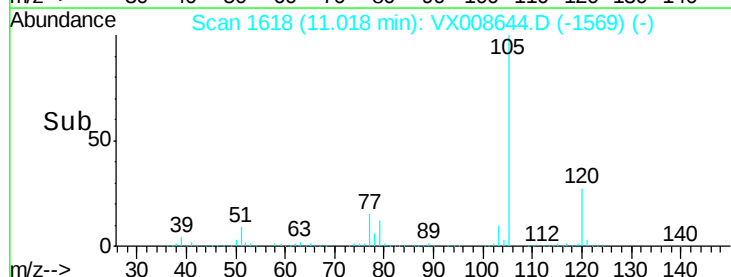
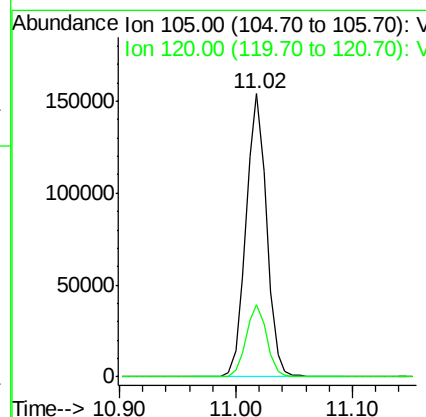
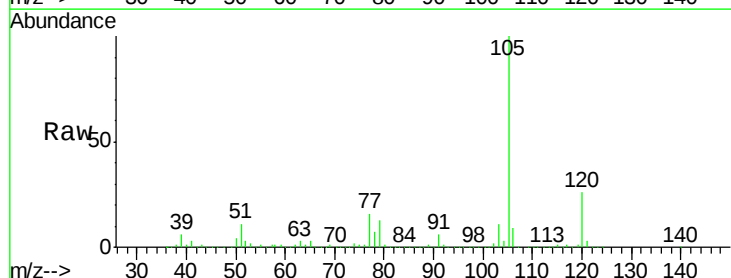
RT: 11.02 min Scan# 1618

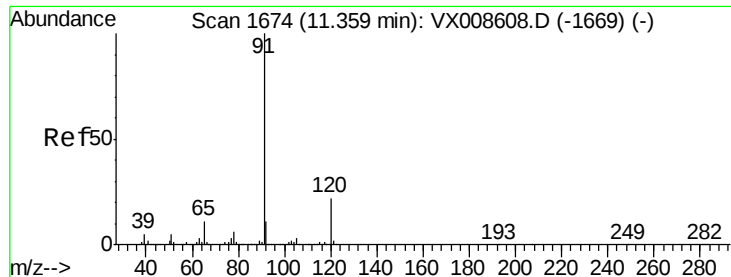
Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Tgt Ion:	105	Resp:	190195
Ion Ratio	Lower	Upper	
105	100		
120	25.6	12.9	38.6





#78

n-propylbenzene

Concen: 20.227 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

S8-0705

Tot Ion: 91 Resp: 258462

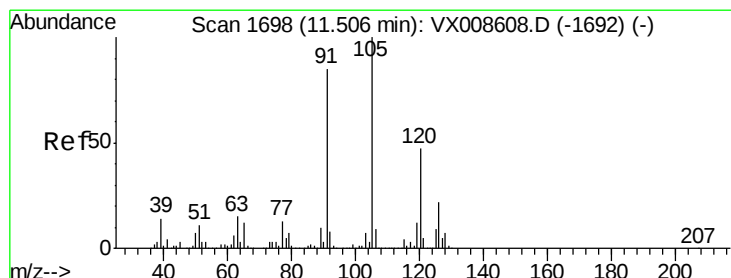
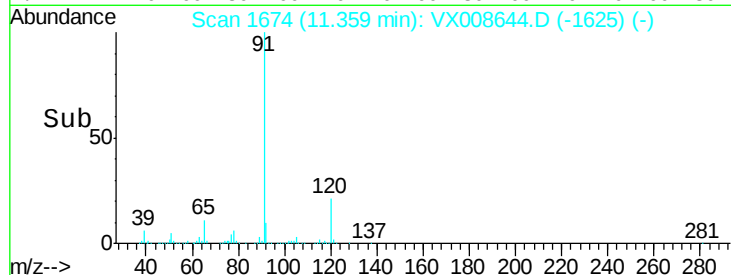
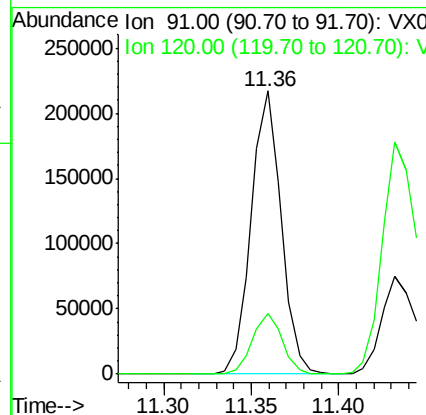
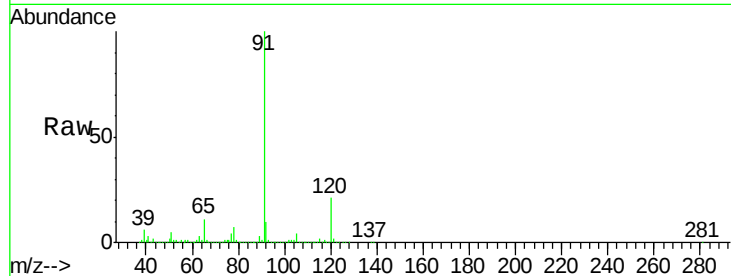
Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.7

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#80

1,3,5-Trimethylbenzene

Concen: 90.385 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008644.D

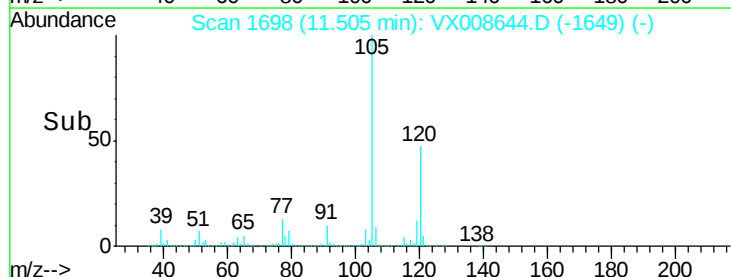
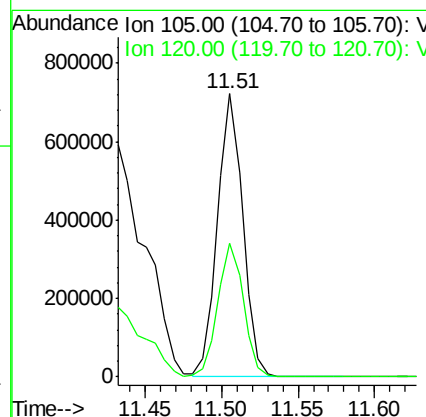
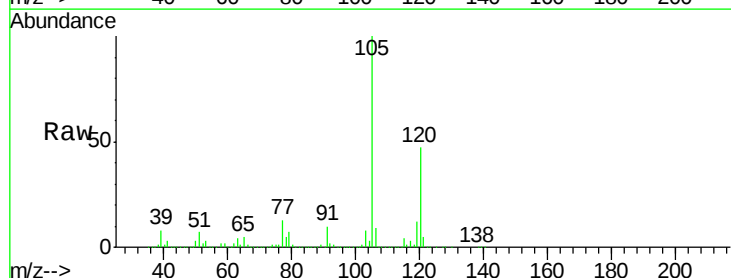
Acq: 04 Apr 2019 18:27

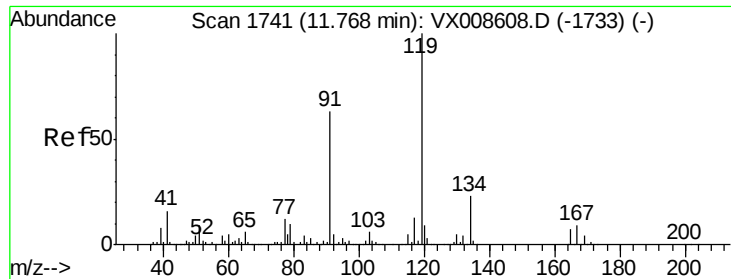
Tgt Ion: 105 Resp: 832636

Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6





#83

tert-Butylbenzene

Concen: 0.842 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Instrument :

MSVOA_X

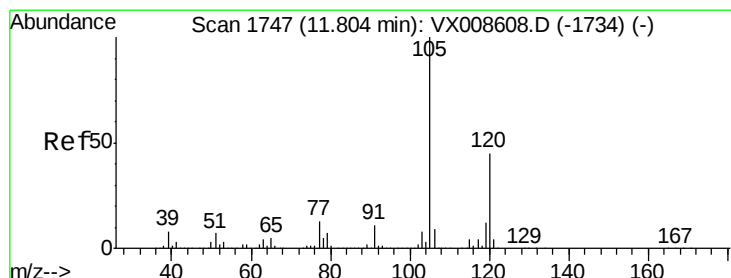
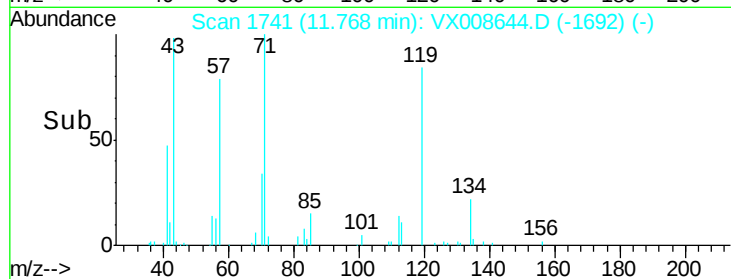
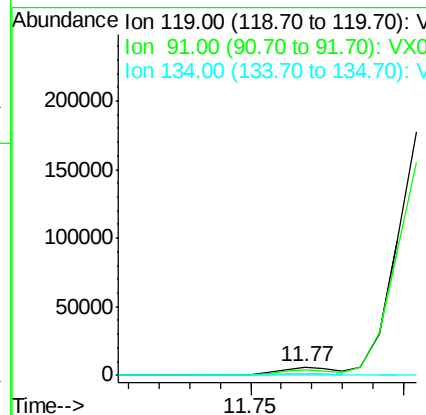
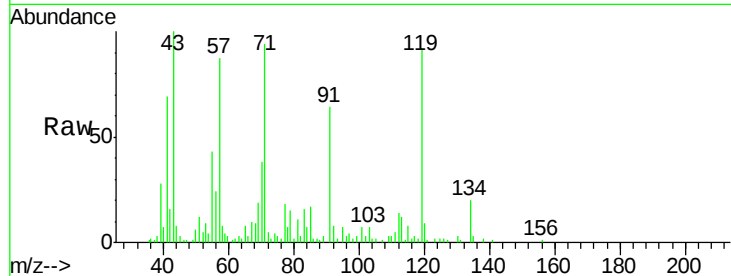
ClientSampleId :

S8-0705

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.0	90.1#
134	24.5	11.1	33.3

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#84

1,2,4-Trimethylbenzene

Concen: 191.413 ug/l

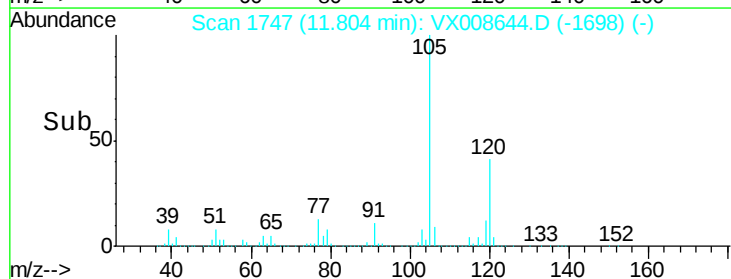
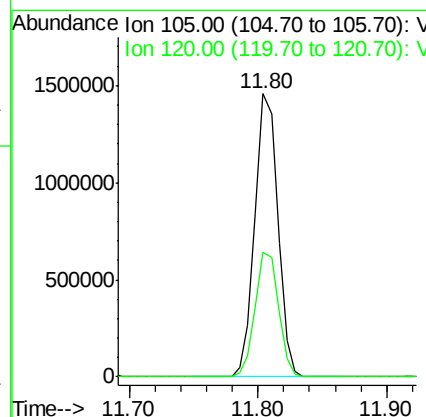
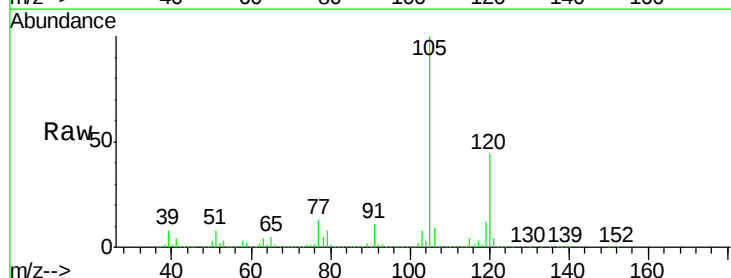
RT: 11.80 min Scan# 1747

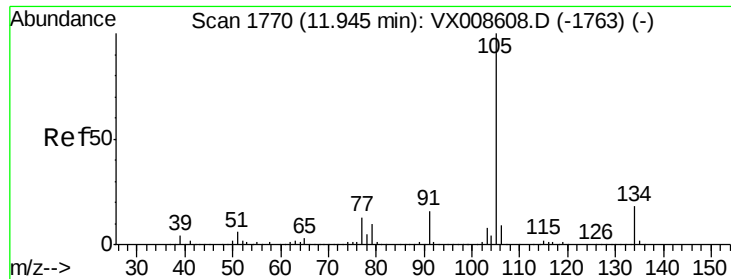
Delta R.T. -0.00 min

Lab File: VX008644.D

Acq: 04 Apr 2019 18:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	21.8	65.3





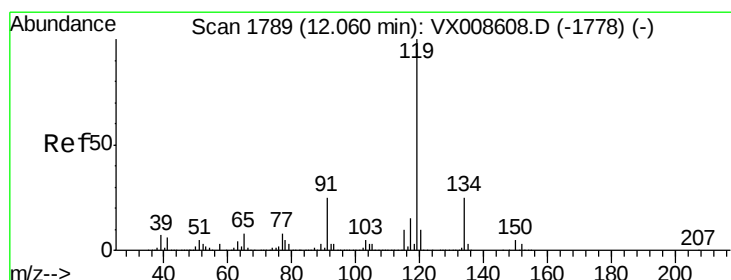
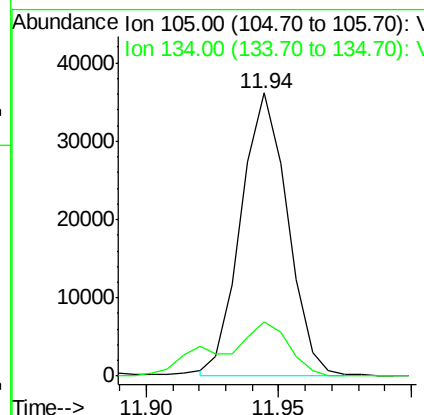
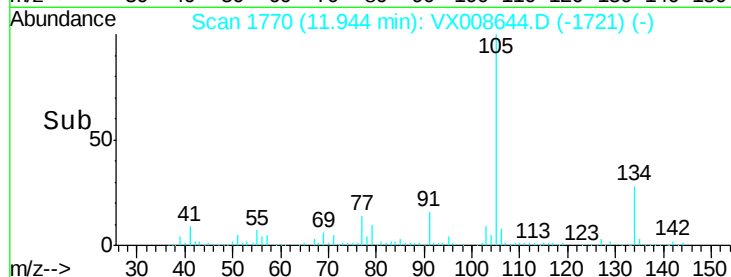
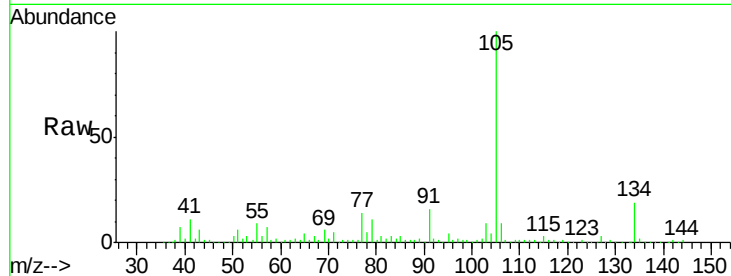
#85
 sec-Butylbenzene
 Concen: 4.215 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008644.D
 Acq: 04 Apr 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705

Tot Ion:105 Resp: 44372
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

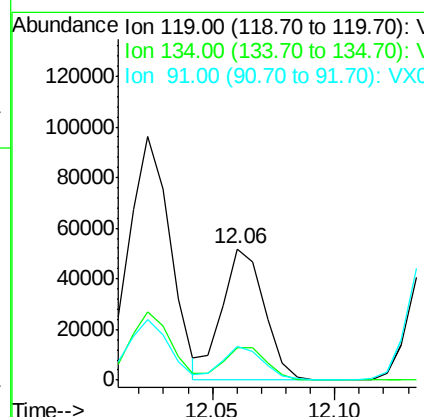
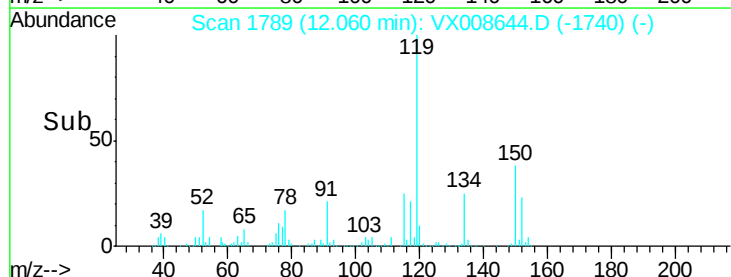
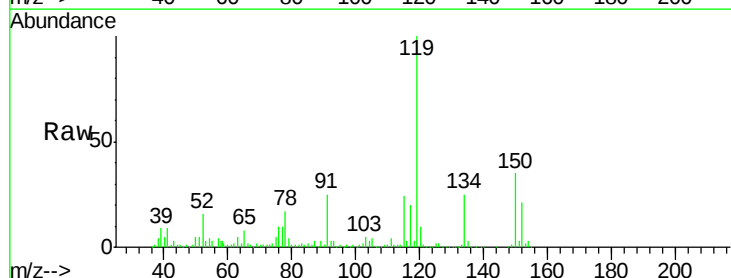
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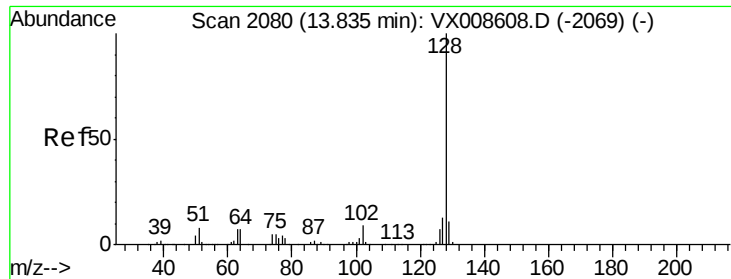
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#86
 p-Isopropyltoluene
 Concen: 6.558 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008644.D
 Acq: 04 Apr 2019 18:27

Tgt Ion:119 Resp: 61967
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.4
 91 25.3 12.2 36.6





#95
Naphthalene
Concen: 48.942 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008644.D
Acq: 04 Apr 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
S8-0705

Tot Ion	Ratio	Resp	Lower	Upper
128	100	533339		
127	13.2		10.4	15.6
129	11.1		8.6	13.0

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