

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008689.D
 Acq On : 05 Apr 2019 18:10
 Operator : JC/SP
 Sample : K2275-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:59 AM

Quant Time: Apr 06 02:30:54 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	207672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142830	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	104097	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	434359	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	149315	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.59	56	44426	8.489	ug/l	95
39) Methylcyclohexane	7.46	83	50181	10.788	ug/l	98
40) Benzene	6.15	78	78861	7.030	ug/l	99
52) Toluene	8.79	92	66936	10.121	ug/l	100
65) Chlorobenzene	10.13	112	4183	0.628	ug/l	96
67) Ethyl Benzene	10.25	91	178500	14.376	ug/l	99
68) m/p-Xylenes	10.35	106	185550	41.563	ug/l	98
69) o-Xylene	10.69	106	37633	8.698	ug/l	100
73) Isopropylbenzene	11.02	105	18600	1.718	ug/l	99
78) n-propylbenzene	11.36	91	24094	1.911	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	83533	9.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	179892	19.545	ug/l	99
85) sec-Butylbenzene	11.94	105	4587m	0.442	ug/l	
86) p-Isopropyltoluene	12.06	119	6124	0.657	ug/l	90
95) Naphthalene	13.83	128	49999	4.650	ug/l	99

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

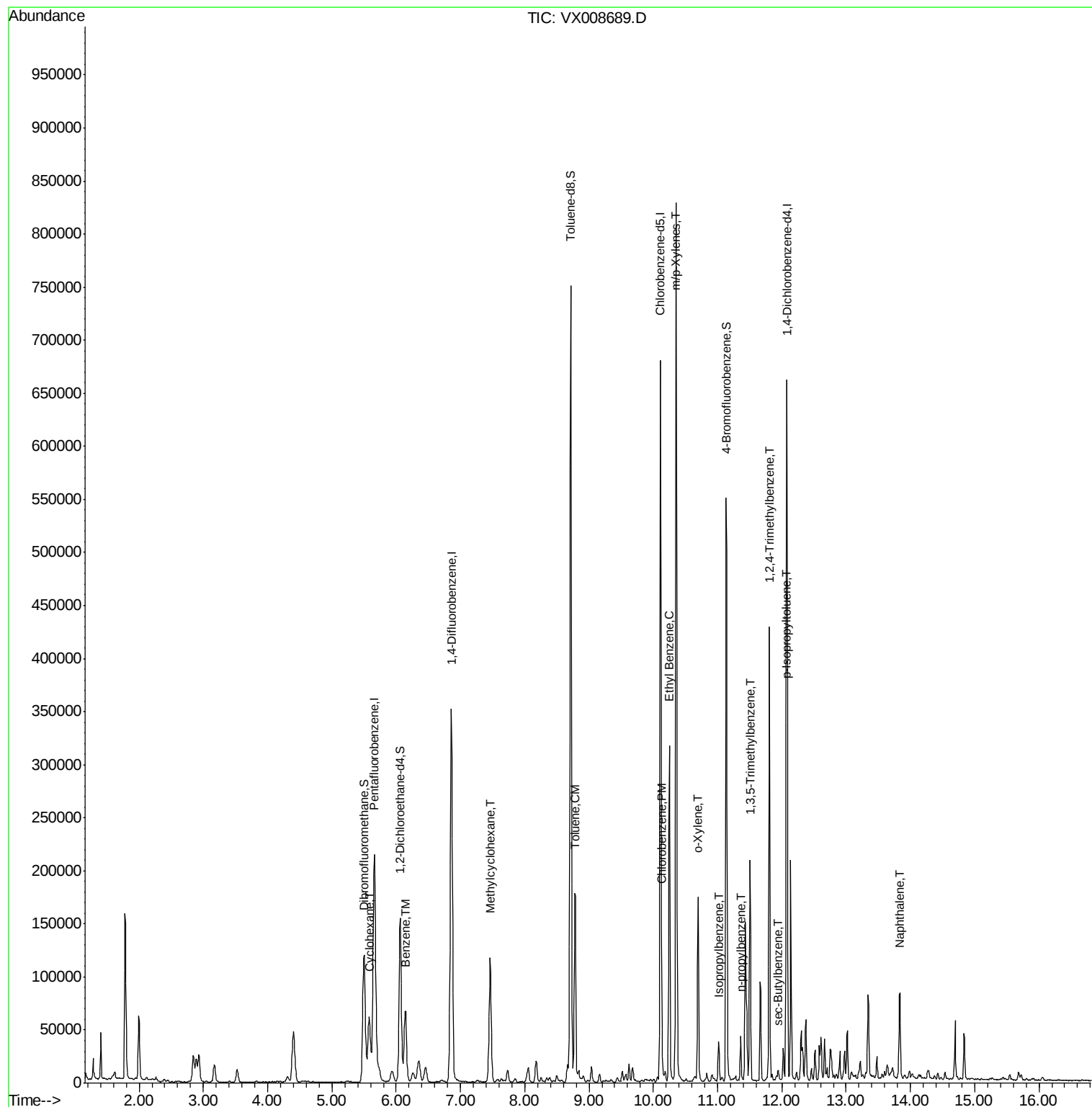
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008689.D
Acq On : 05 Apr 2019 18:10
Operator : JC/SP
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ALS Vial : 18 Sample Multiplier: 1

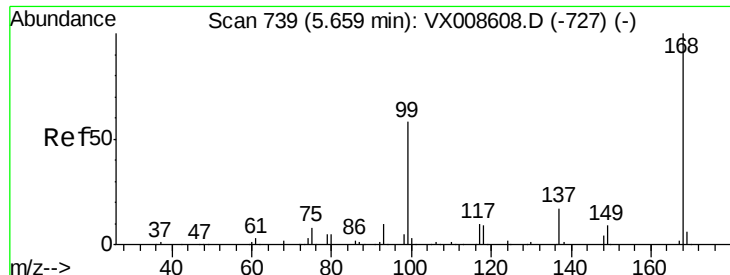
Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

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Quant Time: Apr 06 02:30:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

Tgt Ion:168 Resp: 207672

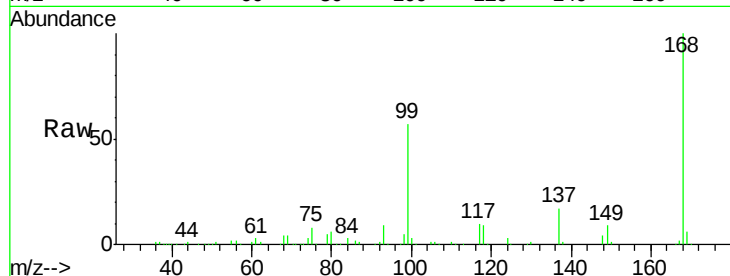
Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

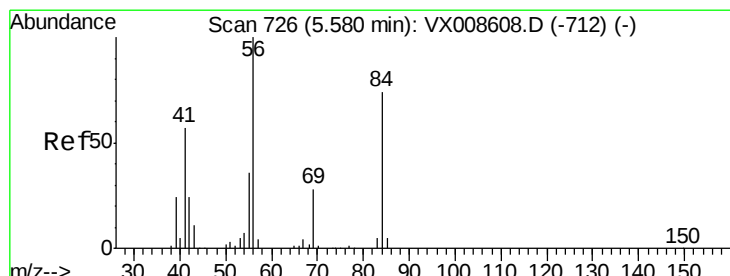
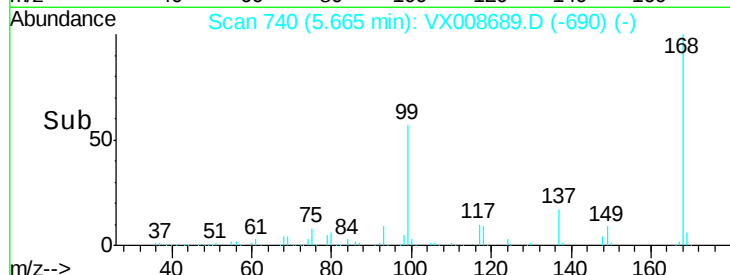
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 8.489 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

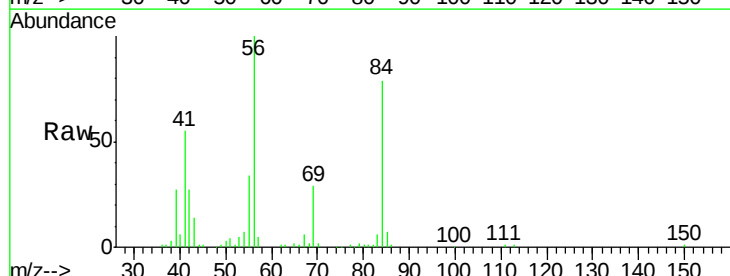
Tgt Ion: 56 Resp: 44426

Ion Ratio Lower Upper

56 100

69 29.0 22.6 33.8

84 78.9 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

15000

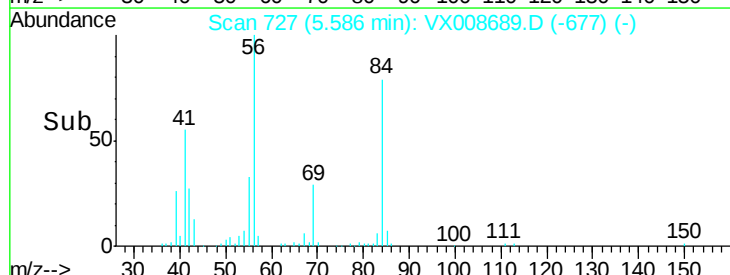
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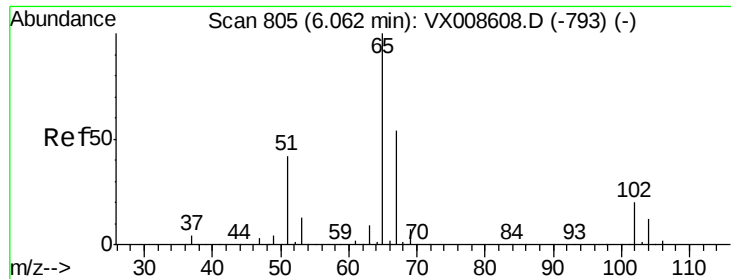
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0

Time-->

5.50 5.60





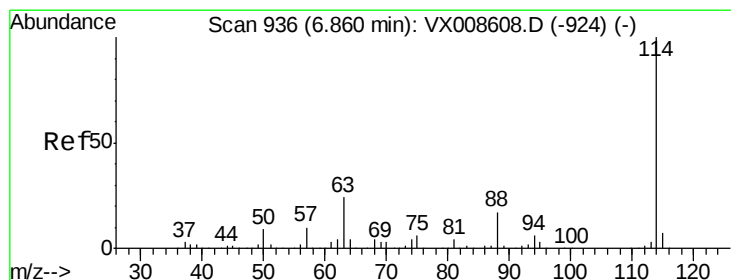
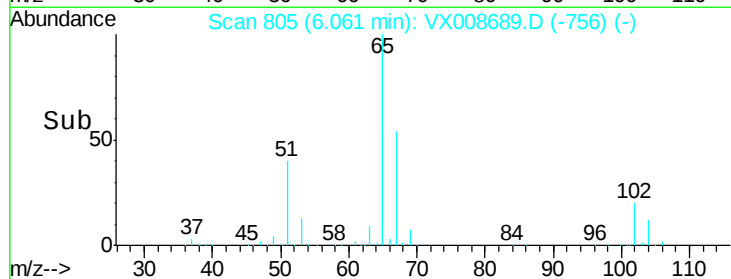
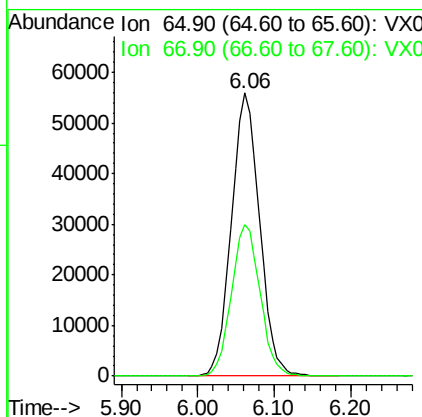
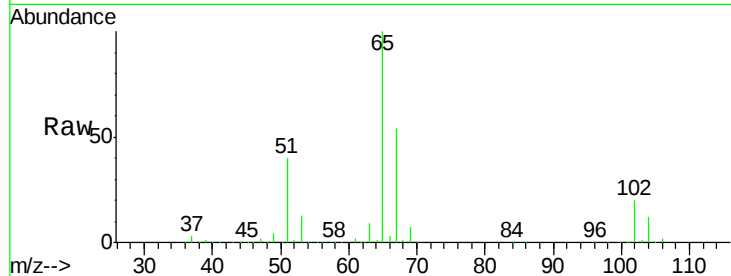
#33
 1,2-Dichloroethane-d4
 Concen: 47.154 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Tgt Ion: 65 Resp: 142830
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2

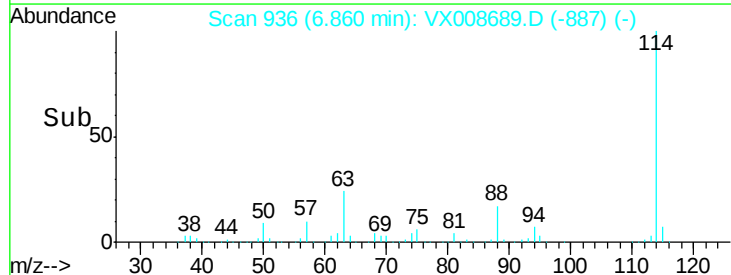
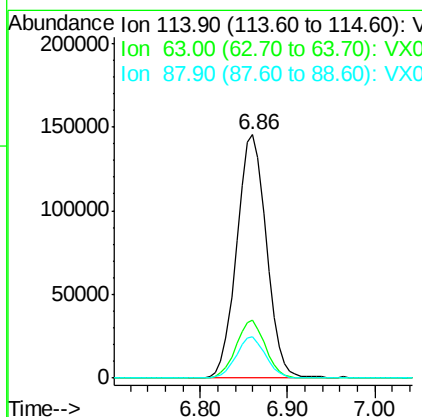
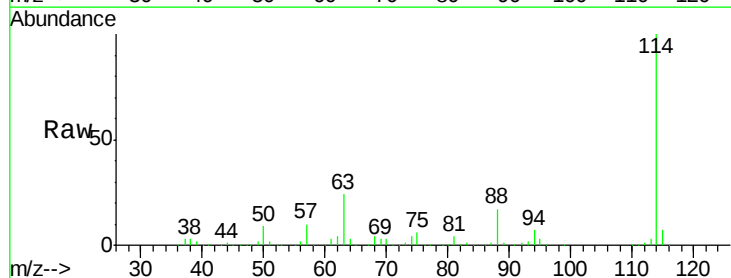
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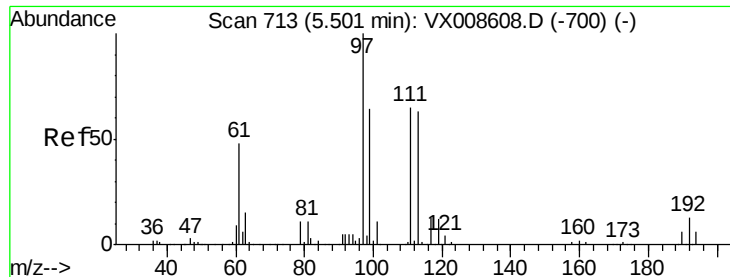
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Tgt Ion: 114 Resp: 344472
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

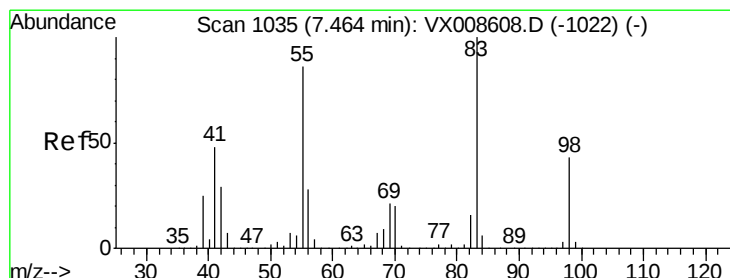
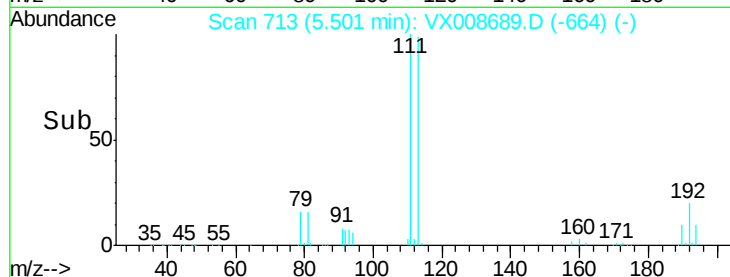
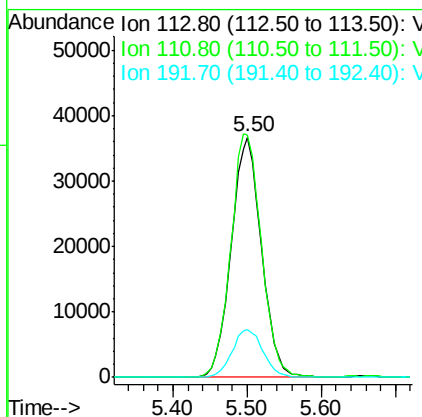
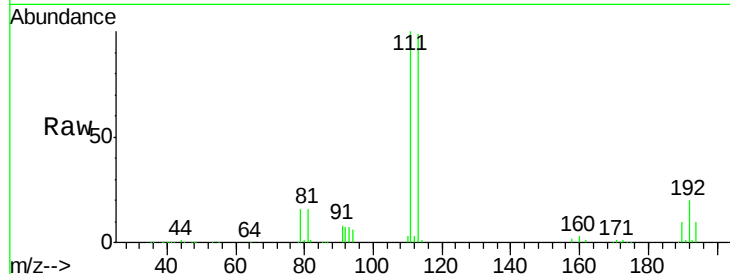
ClientSampleId :

S8-0705DL

Tgt Ion:	113	Resp:	104097
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.4	125.2
192	20.3	16.1	24.1

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#39

Methylcyclohexane

Concen: 10.788 ug/l

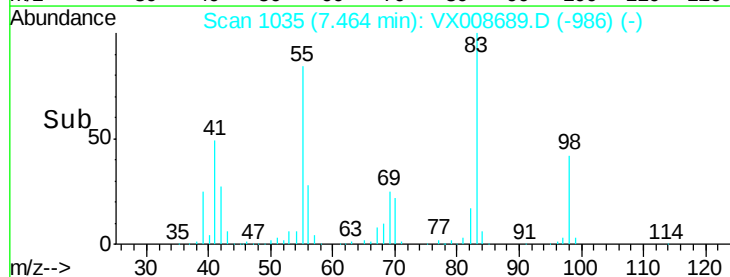
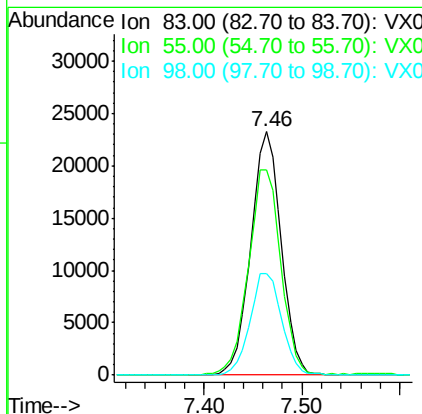
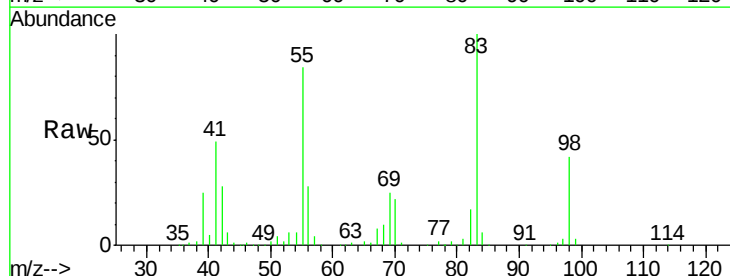
RT: 7.46 min Scan# 1035

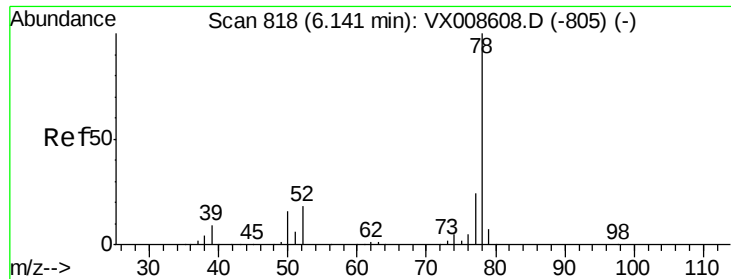
Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Tgt Ion:	83	Resp:	50181
Ion Ratio	Lower	Upper	
83	100		
55	84.4	69.0	103.6
98	41.6	34.4	51.6





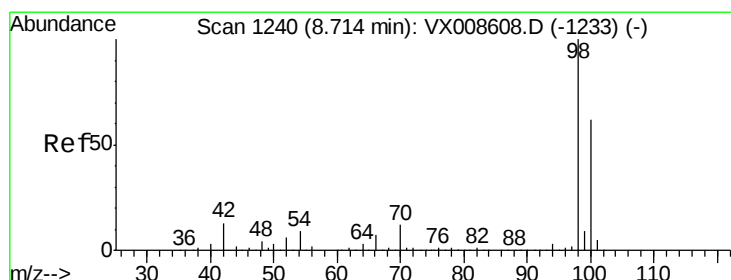
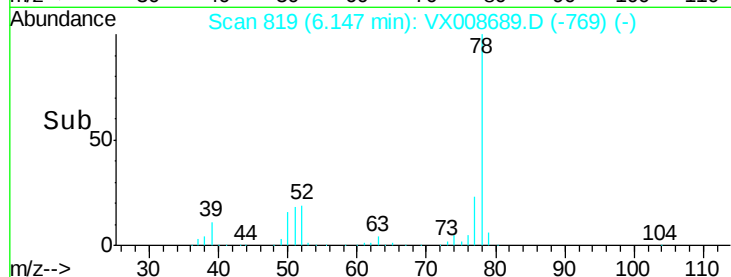
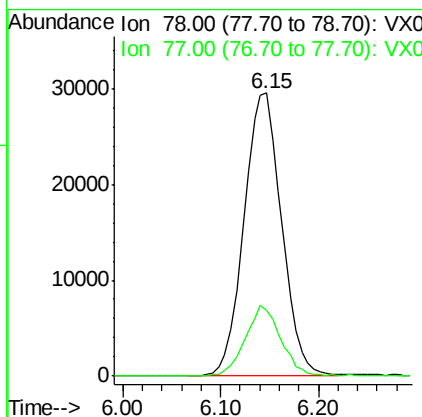
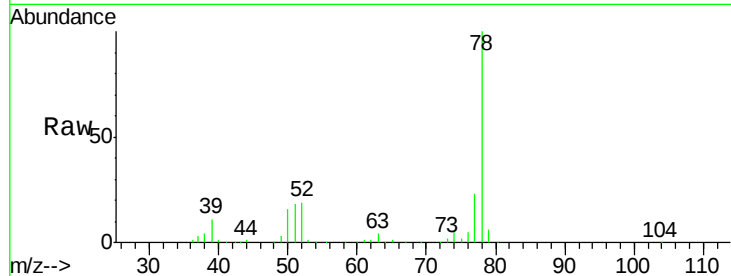
#40
Benzene
Concen: 7.030 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

Tgt Ion: 78 Resp: 78861
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

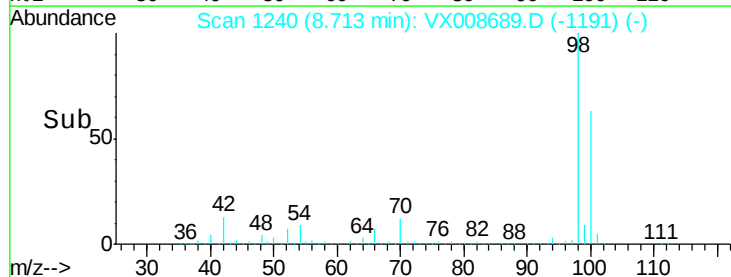
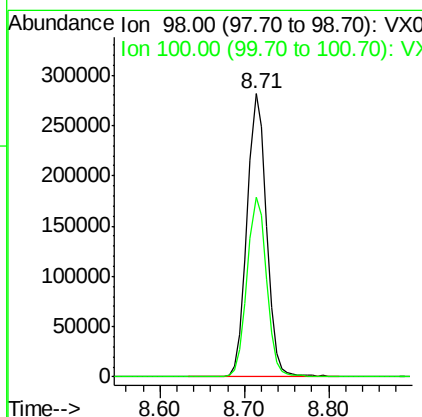
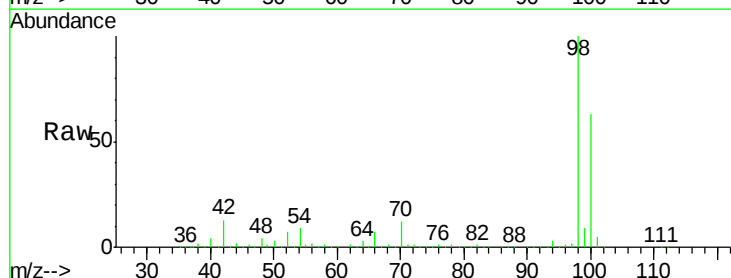
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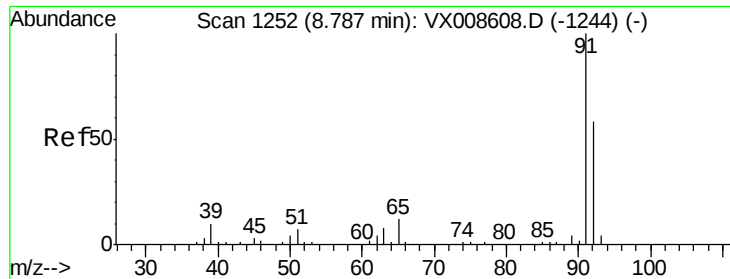
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#50
Toluene-d8
Concen: 49.531 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 98 Resp: 434359
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#52

Toluene

Concen: 10.121 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

Tgt Ion: 92 Resp: 66936

Ion Ratio Lower Upper

92 100

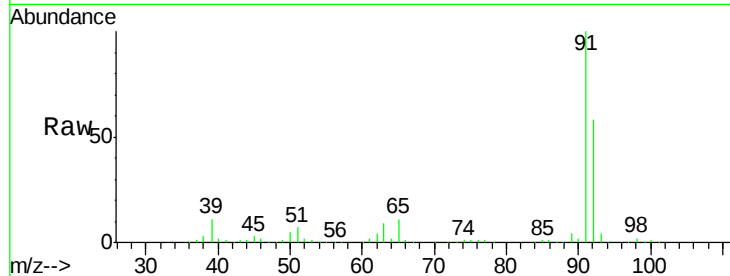
91 173.5 138.5 207.7

Manual Integrations

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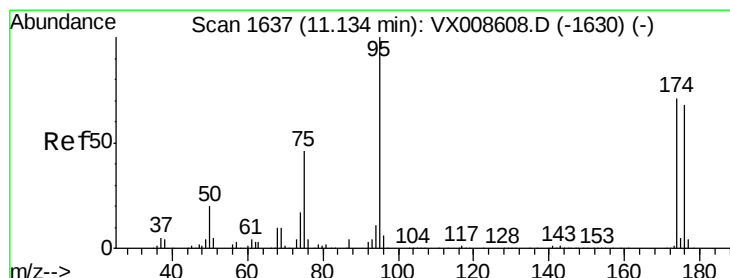
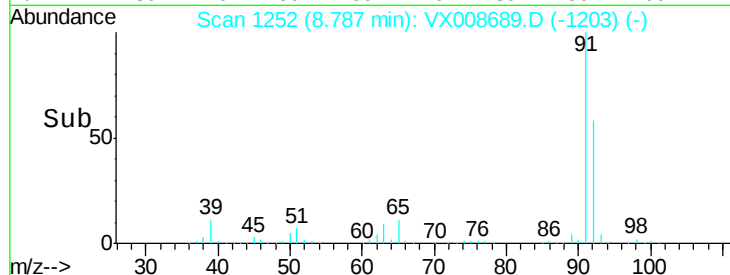
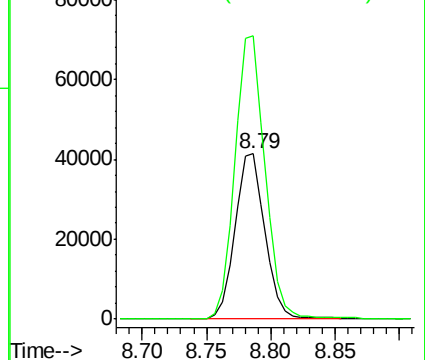
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.015 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

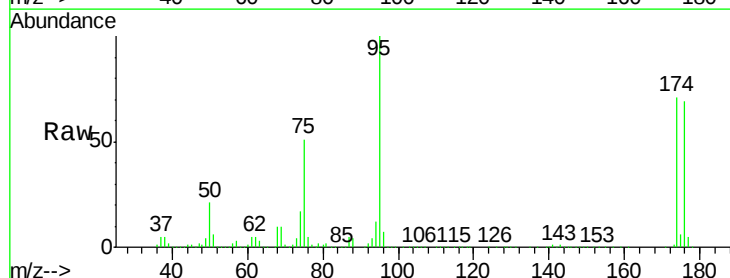
Tgt Ion: 95 Resp: 149315

Ion Ratio Lower Upper

95 100

174 77.7 0.0 151.8

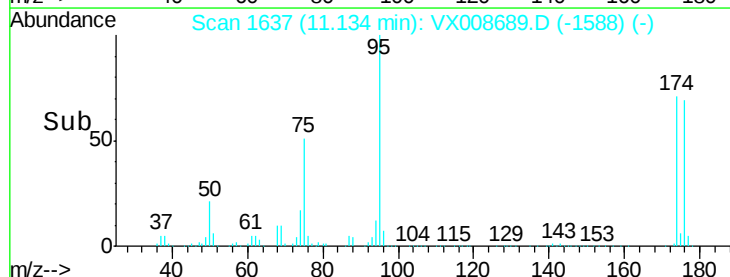
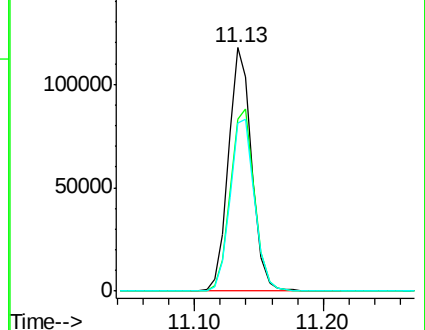
176 74.3 0.0 145.8

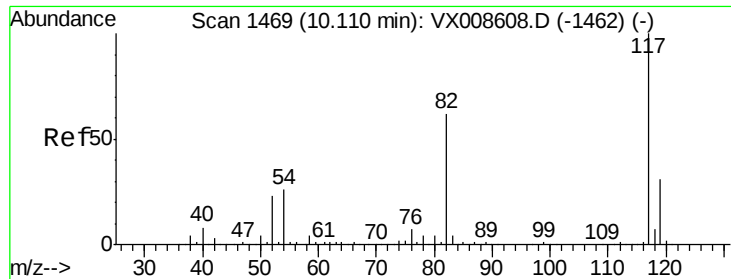


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





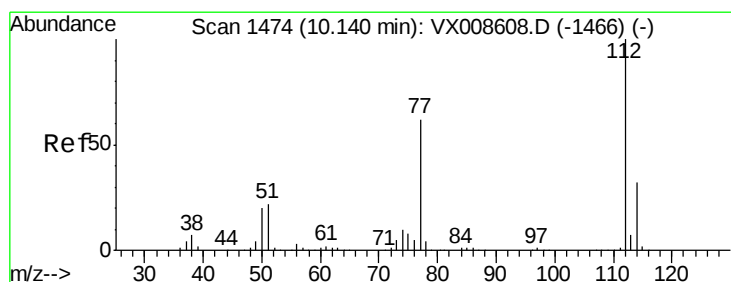
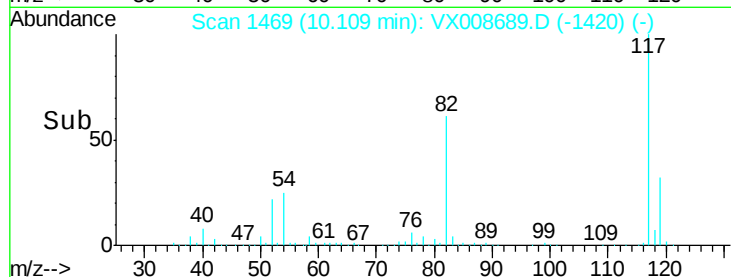
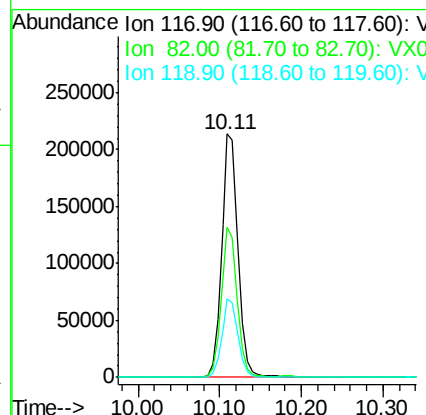
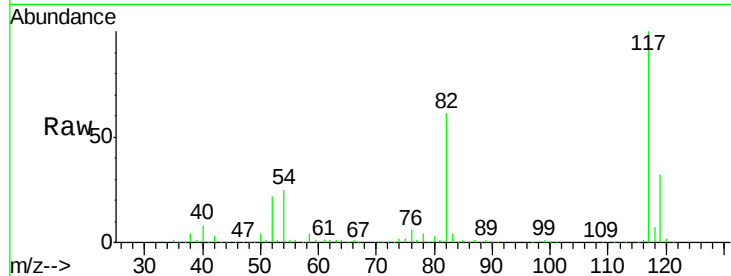
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampled :
S8-0705DL

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	300387		
82	61.4	49.6	74.4	
119	32.2	25.0	37.4	

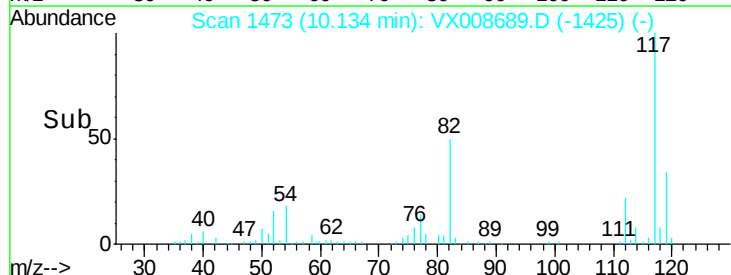
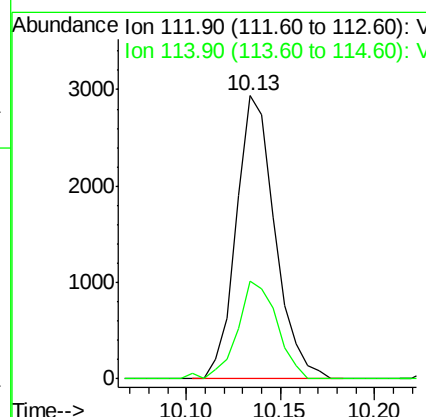
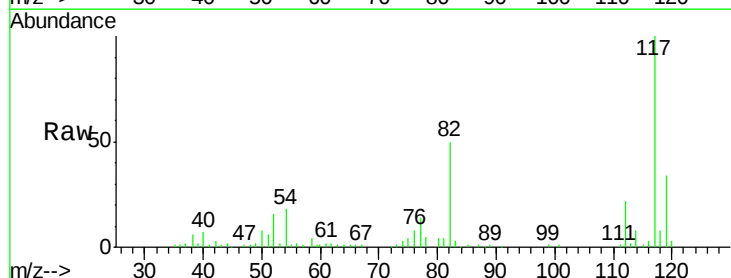
Manual Integrations
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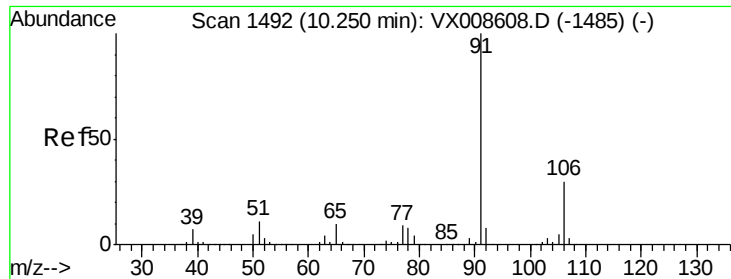
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#65
Chlorobenzene
Concen: 0.628 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	4183		
114	34.7	25.8	38.8	





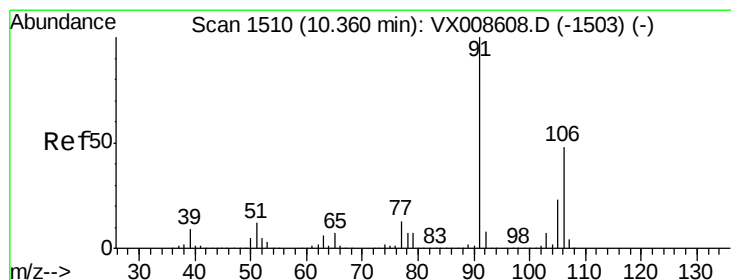
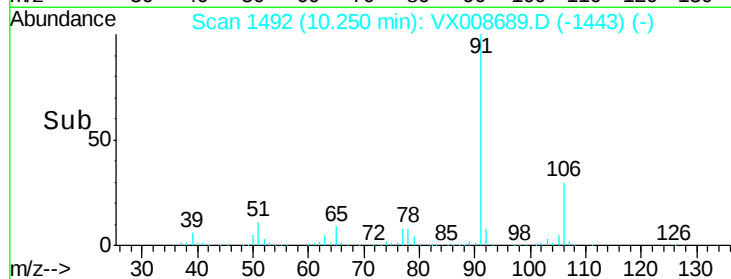
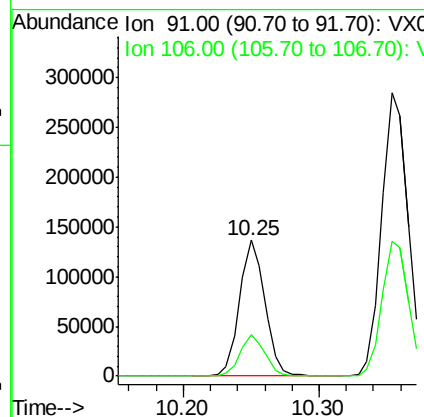
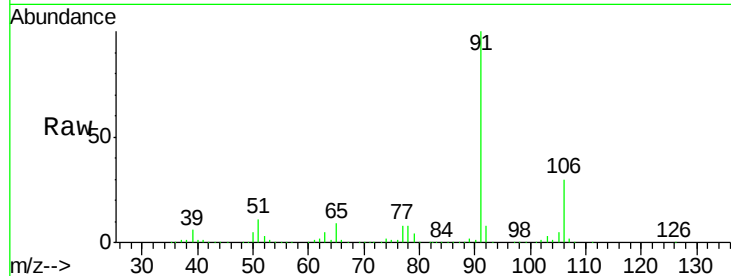
#67
Ethyl Benzene
Concen: 14.376 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

Tgt Ion: 91 Resp: 178500
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

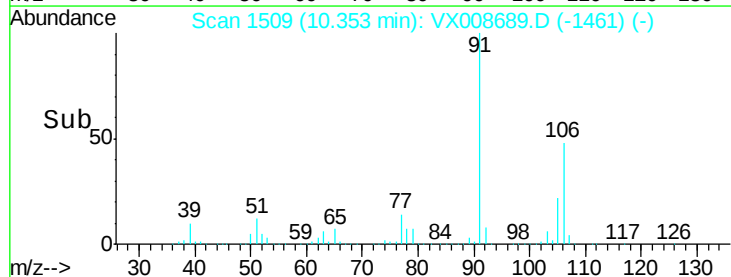
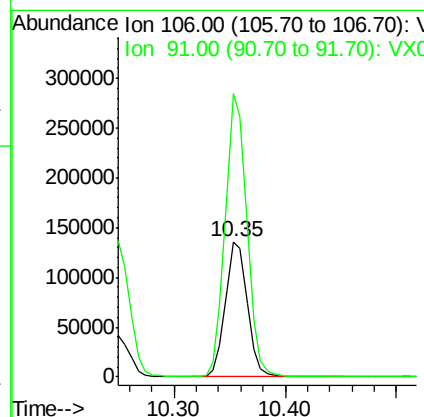
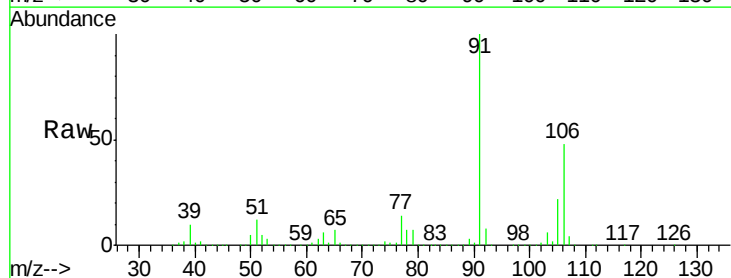
Manual Integrations
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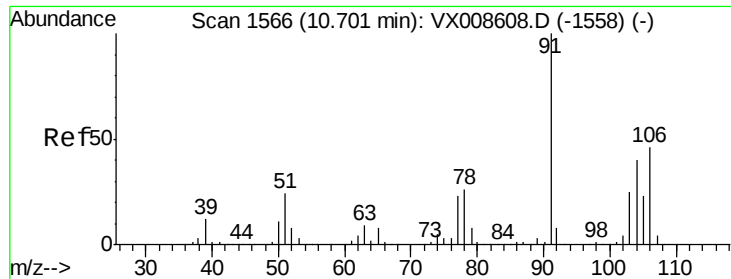
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#68
m/p-Xylenes
Concen: 41.563 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion: 106 Resp: 185550
Ion Ratio Lower Upper
106 100
91 208.0 168.5 252.7





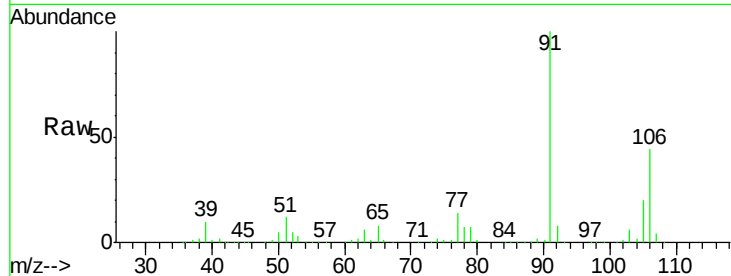
#69
o-Xylene
Concen: 8.698 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

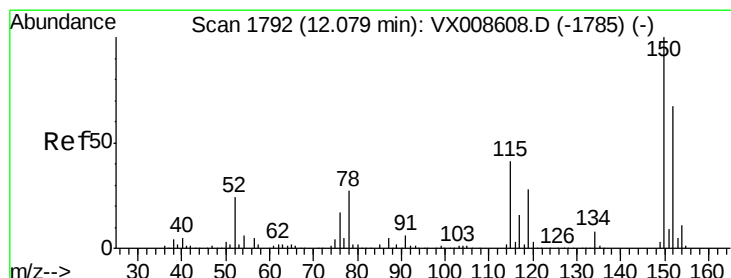
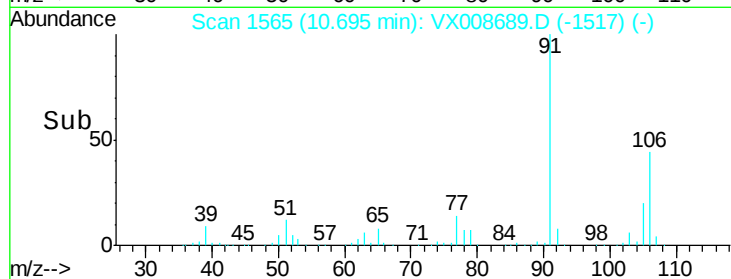
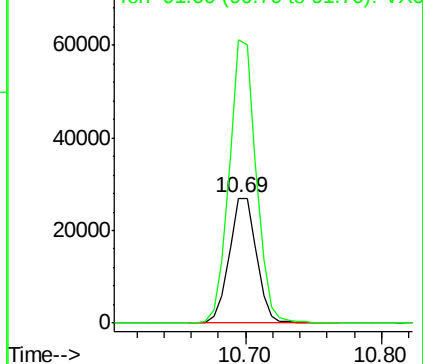
Tgt Ion:106 Resp: 37633
Ion Ratio Lower Upper
106 100
91 223.5 111.5 334.4

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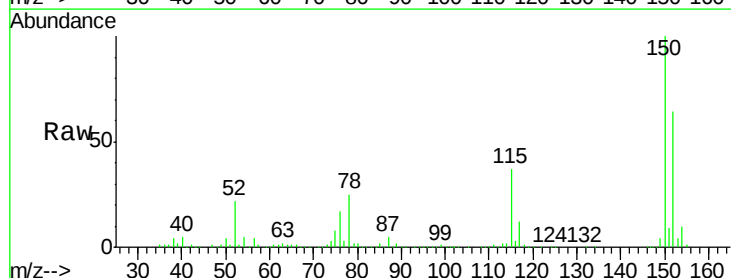


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

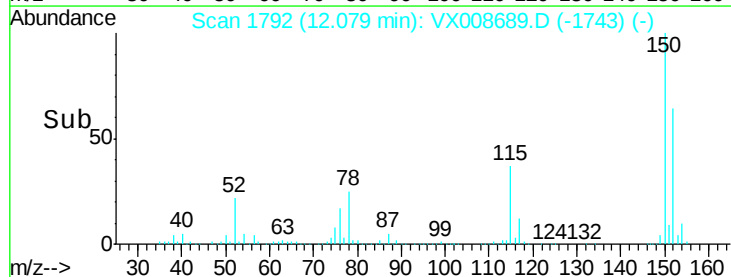
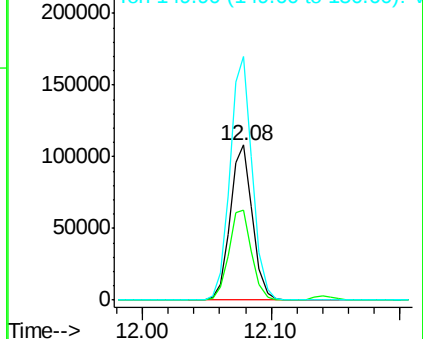


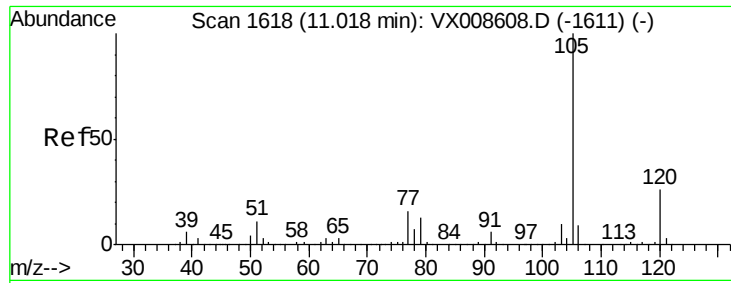
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Tgt Ion:152 Resp: 130664
Ion Ratio Lower Upper
152 100
115 59.7 43.5 130.5
150 156.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.718 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008689.D

Acq: 05 Apr 2019 18:10

Instrument :

MSVOA_X

ClientSampleId :

S8-0705DL

Tgt Ion: 105 Resp: 18600

Ion Ratio Lower Upper

105 100

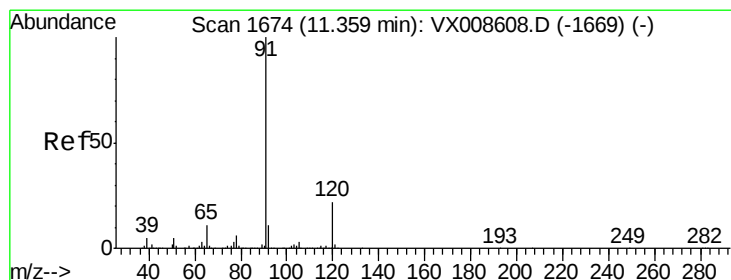
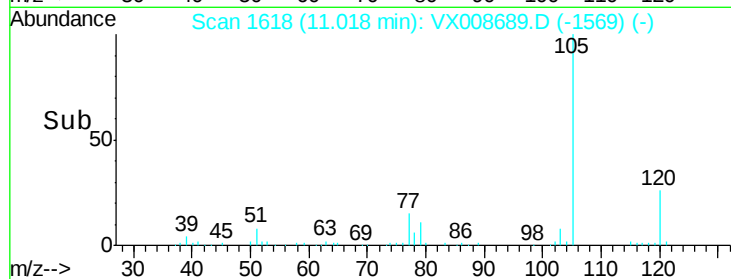
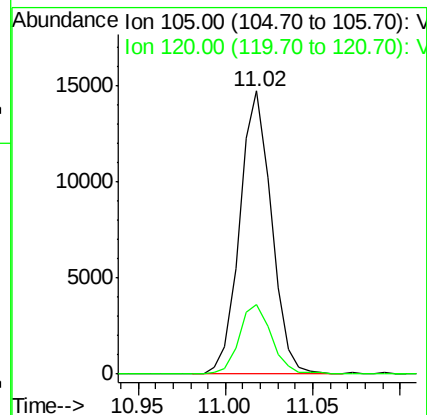
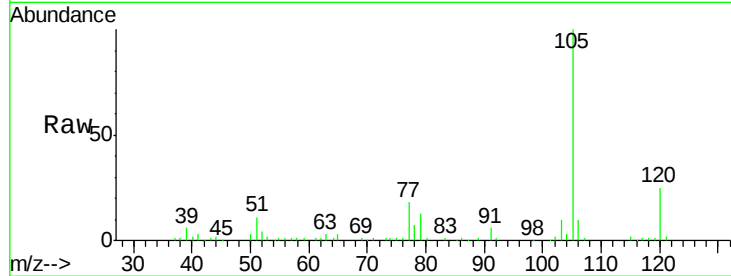
120 25.4 12.9 38.6

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#78

n-propylbenzene

Concen: 1.911 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008689.D

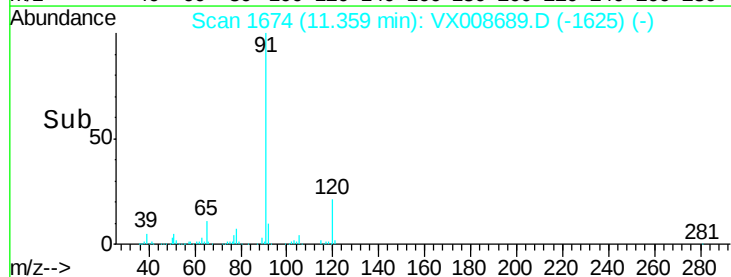
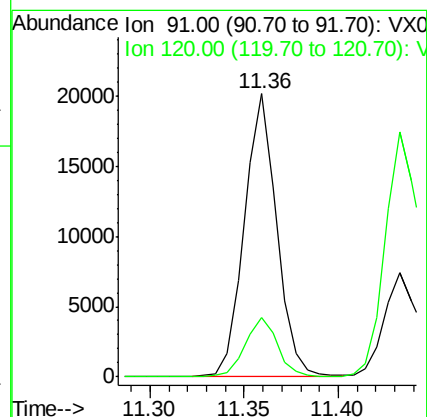
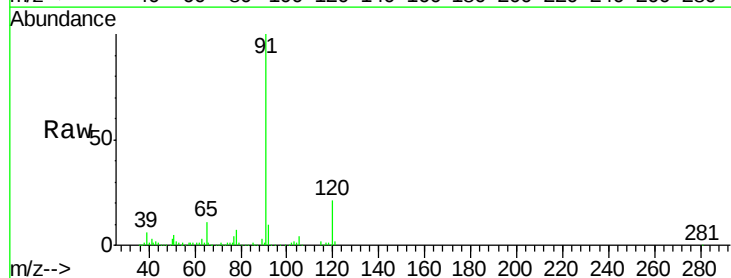
Acq: 05 Apr 2019 18:10

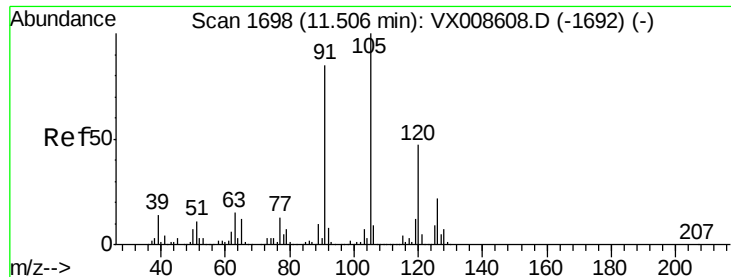
Tgt Ion: 91 Resp: 24094

Ion Ratio Lower Upper

91 100

120 21.0 10.9 32.7





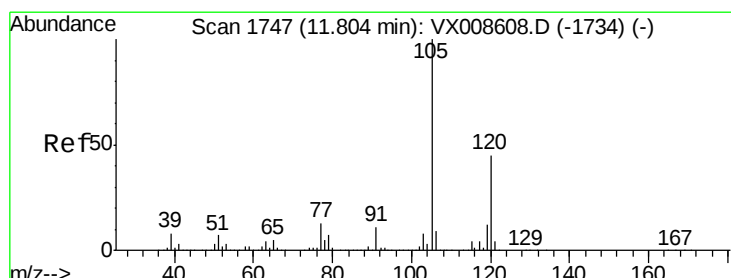
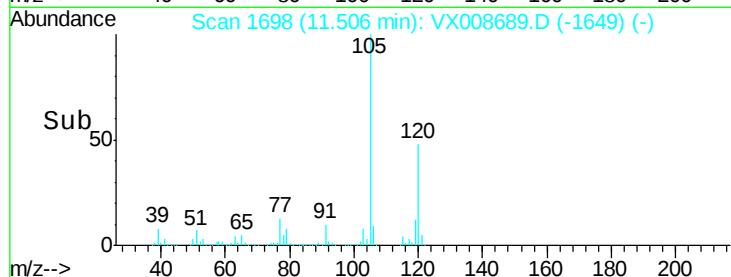
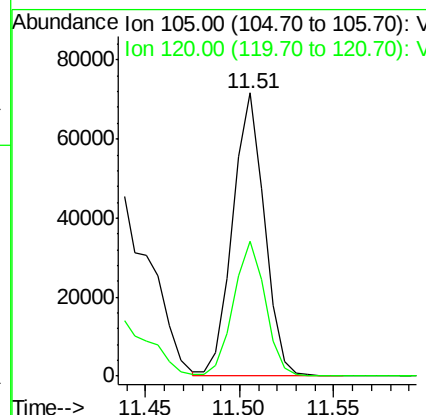
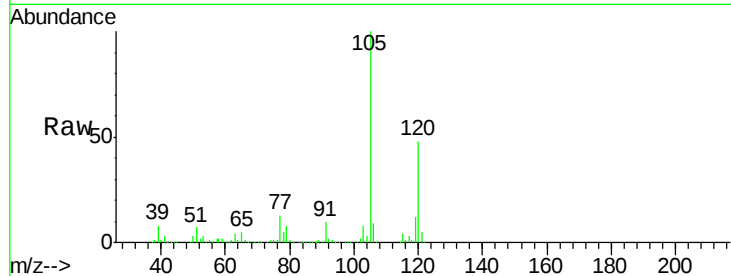
#80
 1,3,5-Trimethylbenzene
 Concen: 9.190 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.5	70.6

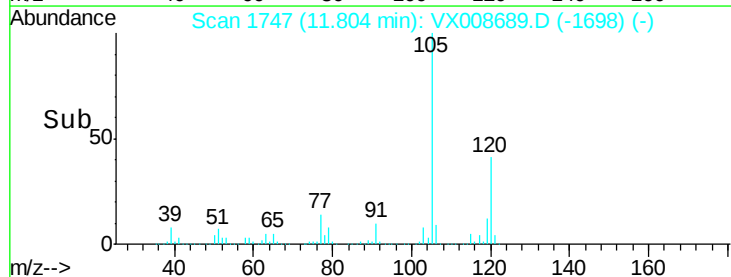
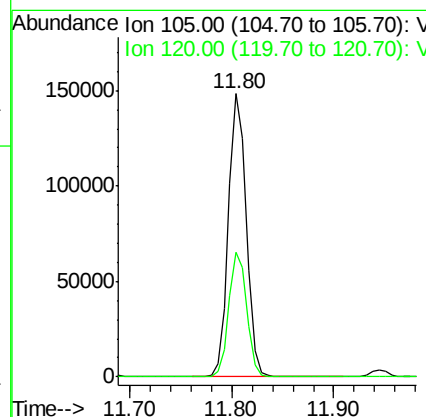
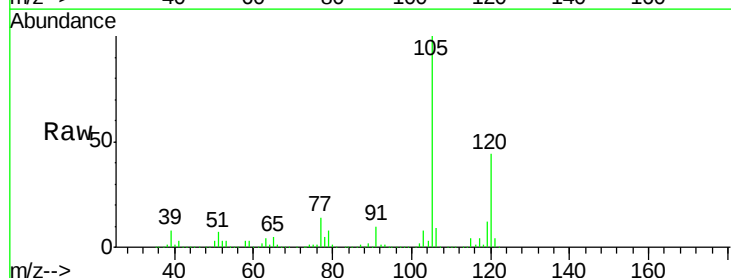
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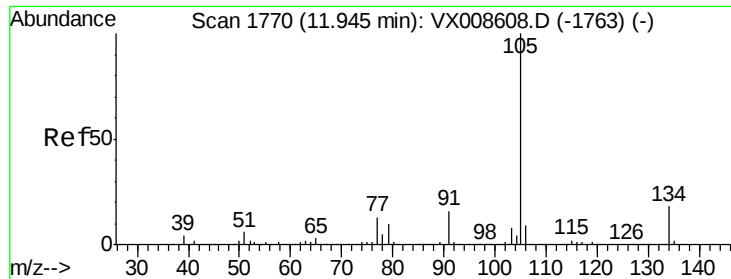
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.545 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.8	65.3





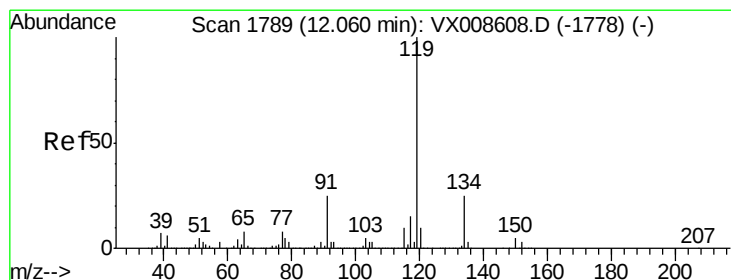
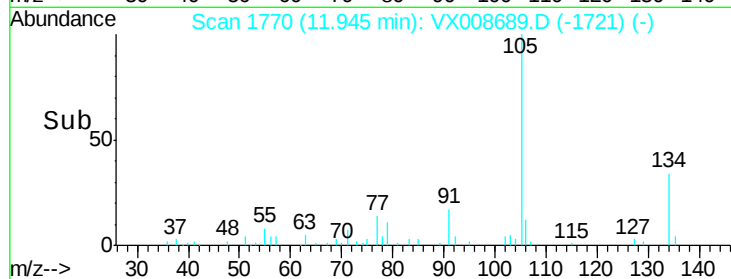
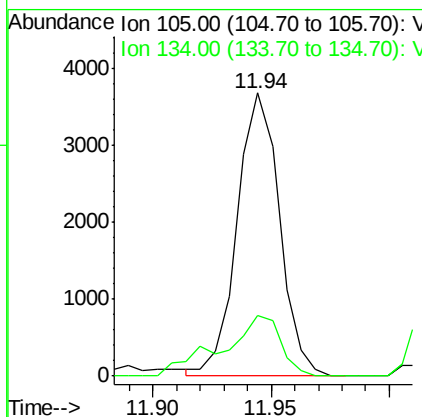
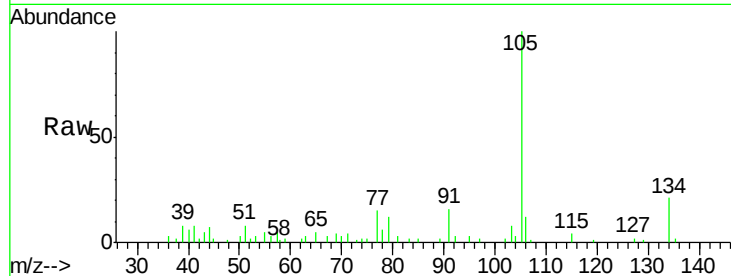
#85
 sec-Butylbenzene
 Concen: 0.442 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0705DL

Tgt Ion:105 Resp: 4587
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

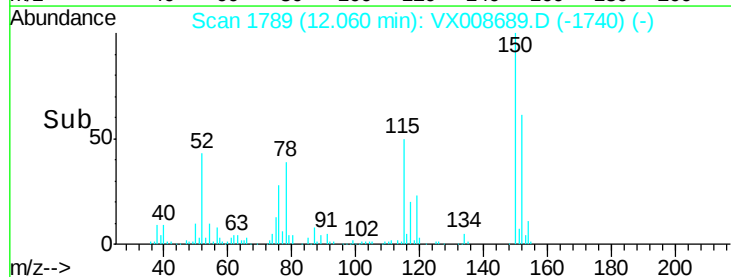
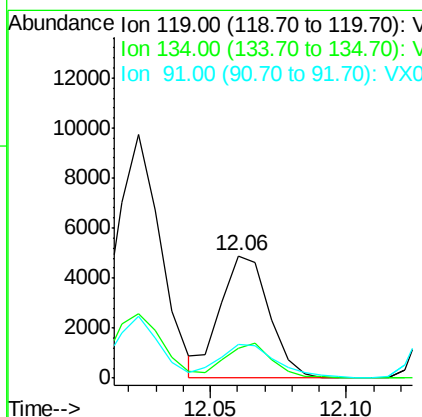
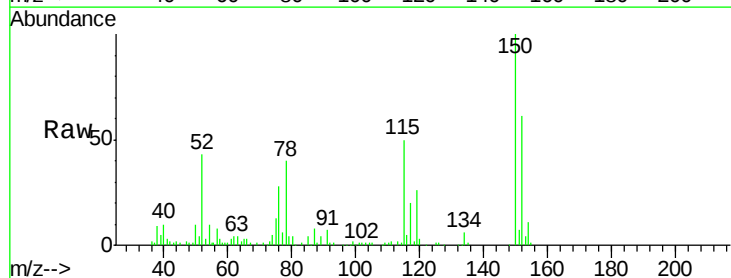
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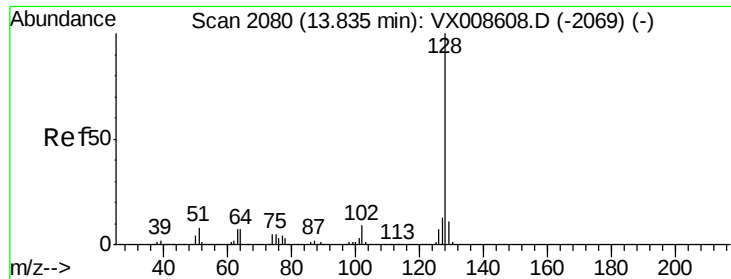
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#86
 p-Isopropyltoluene
 Concen: 0.657 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008689.D
 Acq: 05 Apr 2019 18:10

Tgt Ion:119 Resp: 6124
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.4
 91 33.1 12.2 36.6





#95
Naphthalene
Concen: 4.650 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008689.D
Acq: 05 Apr 2019 18:10

Instrument :
MSVOA_X
ClientSampleId :
S8-0705DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.6	8.6	13.0

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