

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010880.D
 Acq On : 15 Jul 2019 13:32
 Operator : JC/SP
 Sample : K3786-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:47:39 AM

Quant Time: Jul 16 03:17:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119304	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	5.50	113	113812	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	8.71	98	430525	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	153578	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

					Qvalue
16) Acetone	2.44	43	3101	2.864 ug/l #	86
31) Cyclohexane	5.58	56	21304	6.826 ug/l	87
39) Methylcyclohexane	7.46	83	20063	5.329 ug/l #	83
40) Benzene	6.15	78	12870	1.442 ug/l	100
67) Ethyl Benzene	10.25	91	336988	29.661 ug/l	97
68) m/p-Xylenes	10.36	106	22536	5.119 ug/l	100
69) o-Xylene	10.70	106	1215	0.281 ug/l	93
73) Isopropylbenzene	11.02	105	121767	11.160 ug/l	99
78) n-propylbenzene	11.36	91	170210	14.193 ug/l	98
83) tert-Butylbenzene	11.77	119	2918	0.323 ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	26127	2.891 ug/l	99
85) sec-Butylbenzene	11.94	105	39807	3.755 ug/l	85
86) p-Isopropyltoluene	12.06	119	16186	1.651 ug/l	94
89) n-Butylbenzene	12.38	91	8285m	0.994 ug/l	
95) Naphthalene	13.83	128	76107	6.756 ug/l	99

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

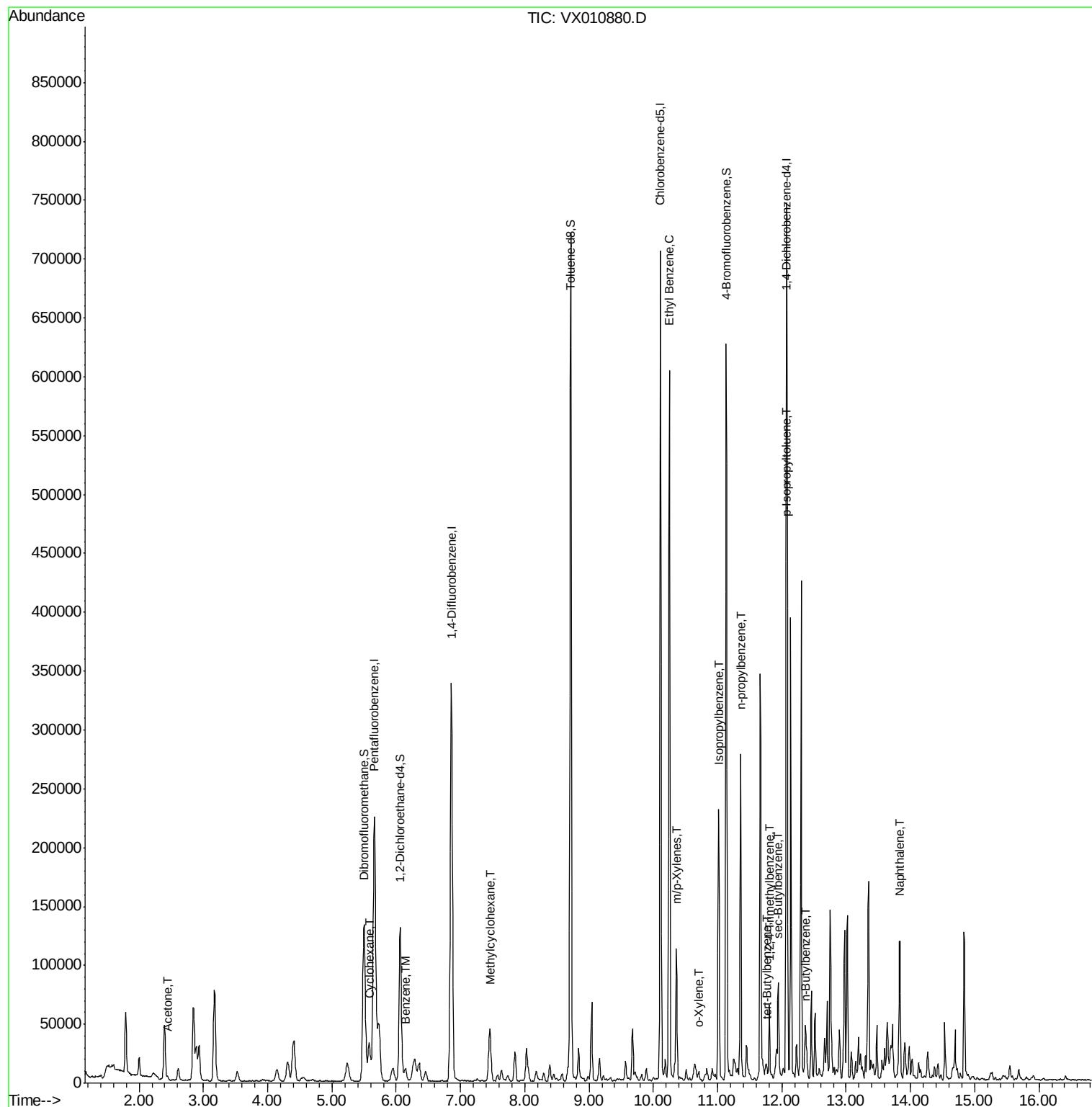
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010880.D
Acq On : 15 Jul 2019 13:32
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

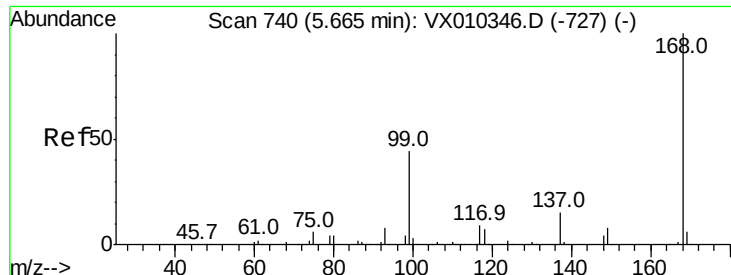
Instrument :
MSVOA_X
ClientSampleId :
FL-0587

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Quant Time: Jul 16 03:17:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

FL-0587

Tot Ion:168 Resp: 230442

Ion Ratio Lower Upper

168 100

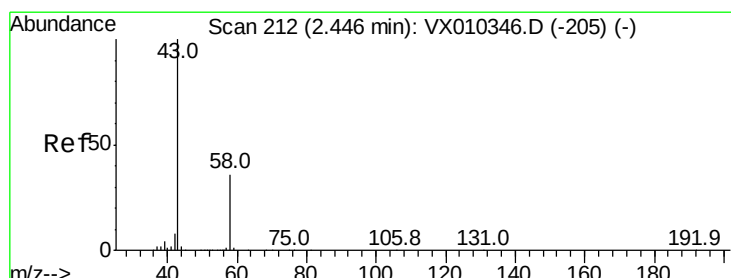
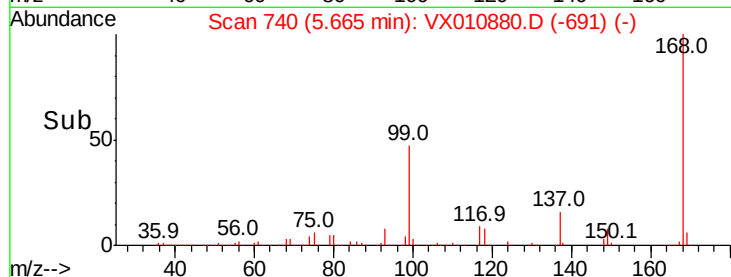
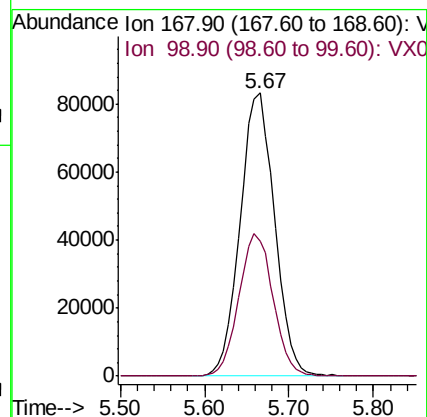
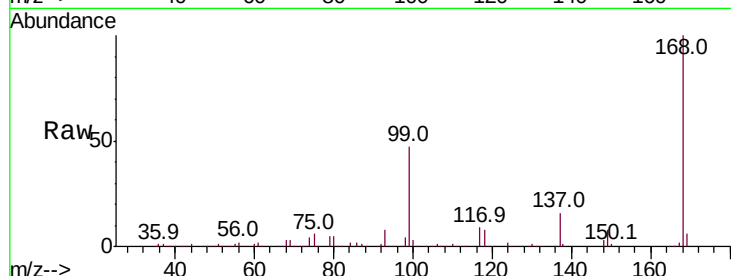
99 47.4 35.5 53.3

Manual Integrations

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#16

Acetone

Concen: 2.864 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010880.D

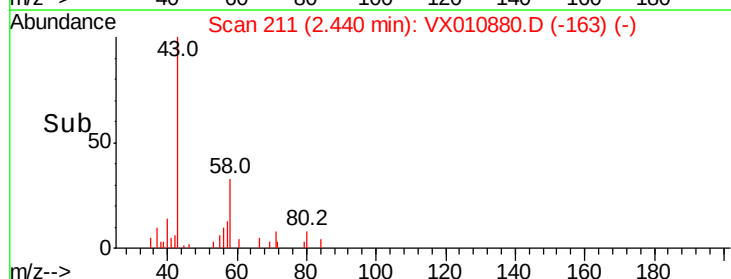
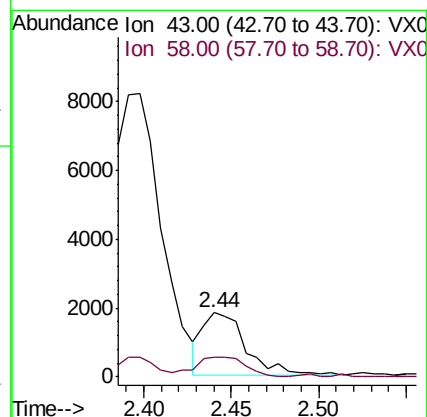
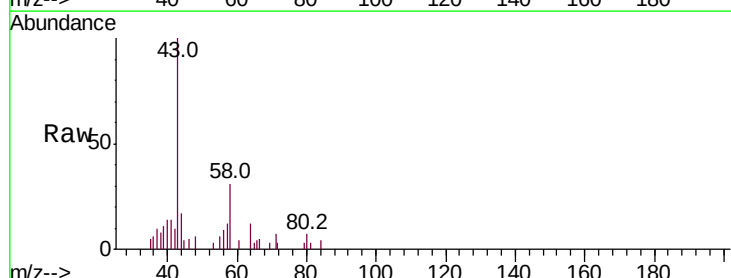
Acq: 15 Jul 2019 13:32

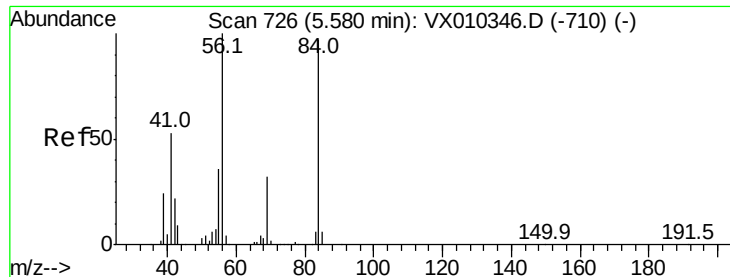
Tgt Ion: 43 Resp: 3101

Ion Ratio Lower Upper

43 100

58 27.8 28.9 43.3#





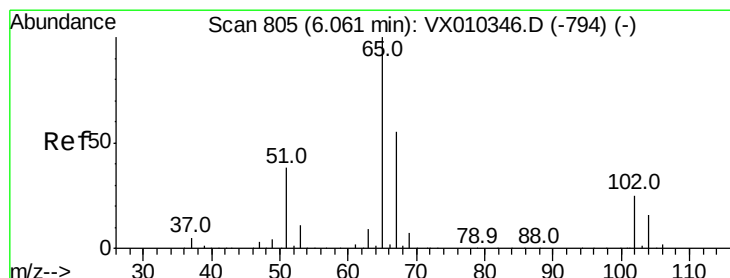
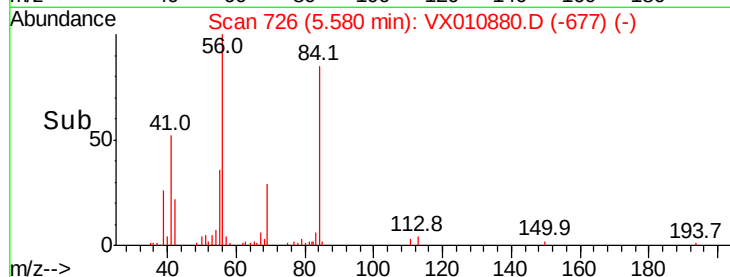
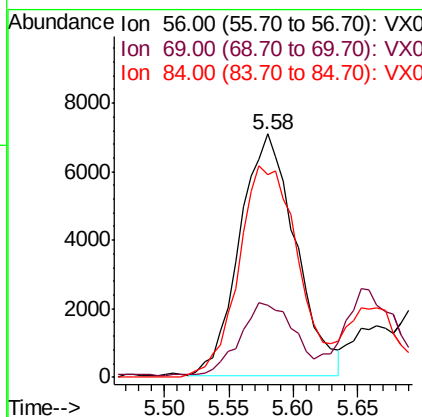
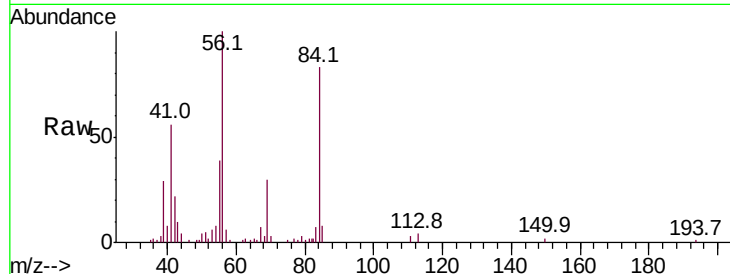
#31
Cyclohexane
Concen: 6.826 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0587

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.9	38.9
84	82.7	78.0	117.0

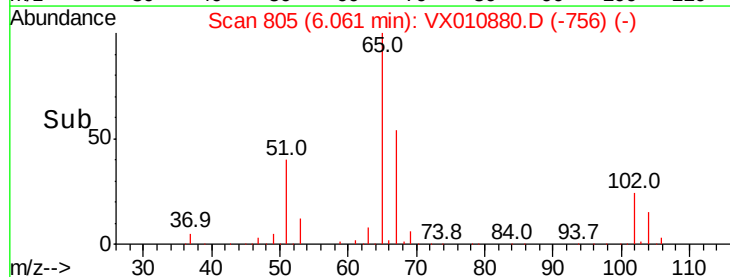
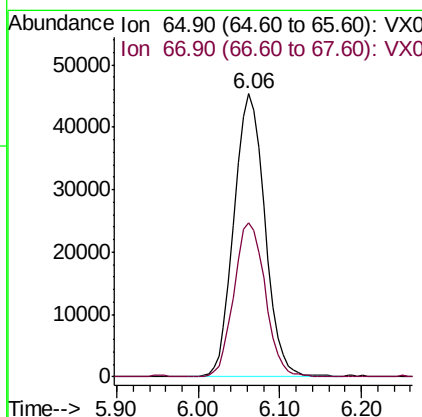
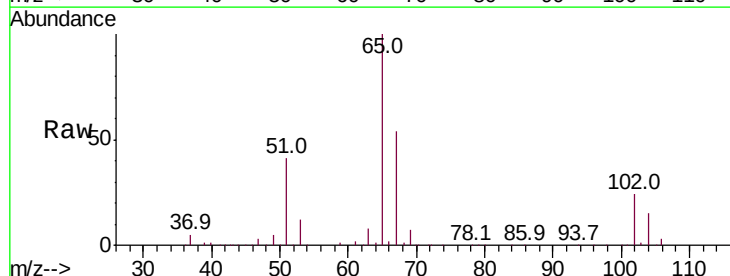
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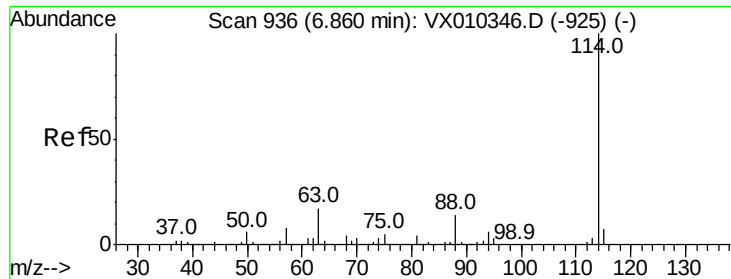
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#33
1,2-Dichloroethane-d4
Concen: 55.217 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

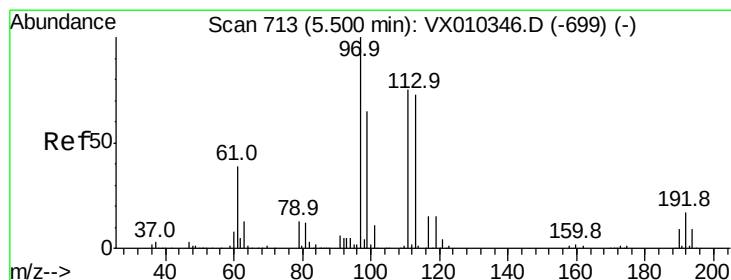
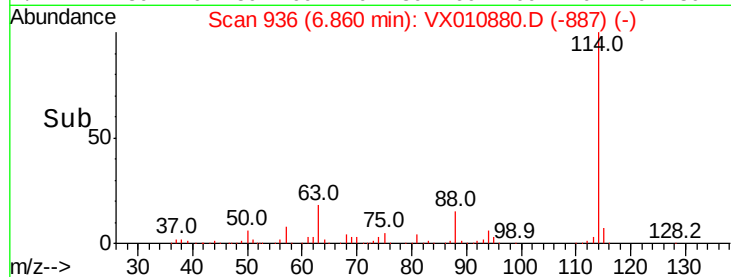
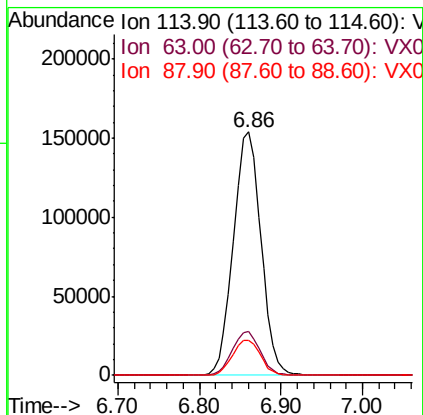
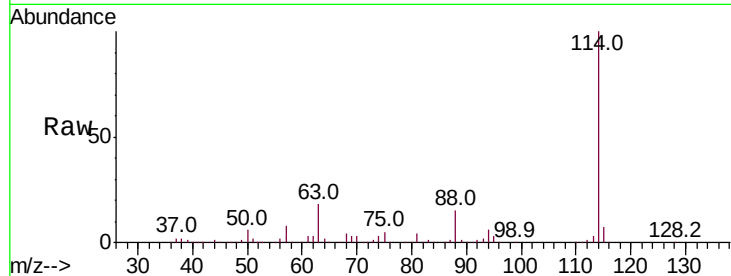
ClientSampleId :

FL-0587

Tot Ion:	114	Resp:	360419
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	33.8
88	14.5	0.0	27.6

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#35

Dibromofluoromethane

Concen: 51.611 ug/l

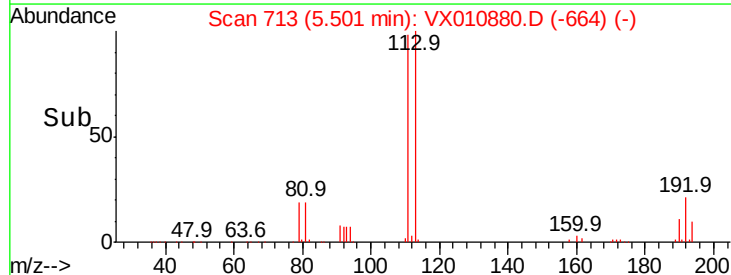
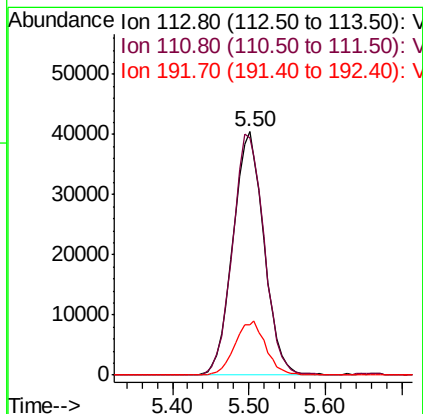
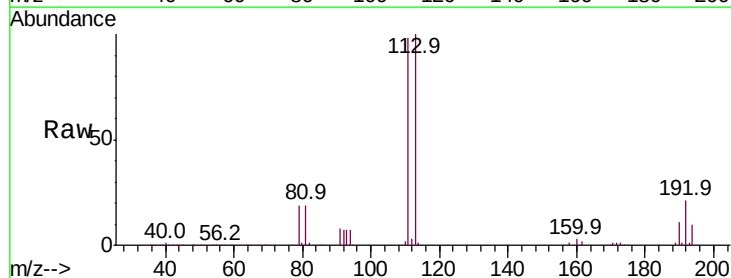
RT: 5.50 min Scan# 713

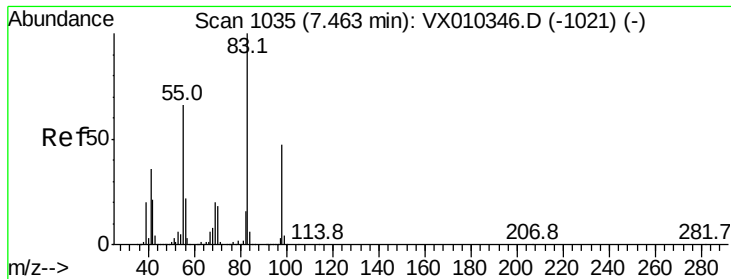
Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Tgt Ion:	113	Resp:	113812
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.2	121.8
192	21.9	18.6	27.8





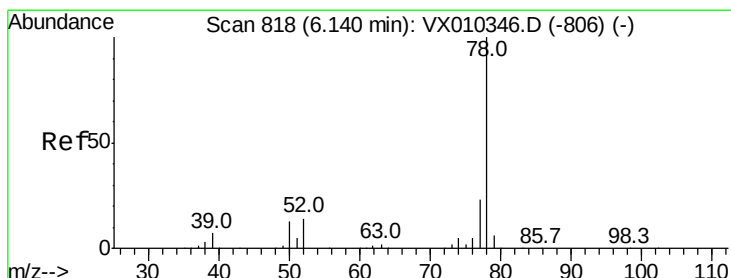
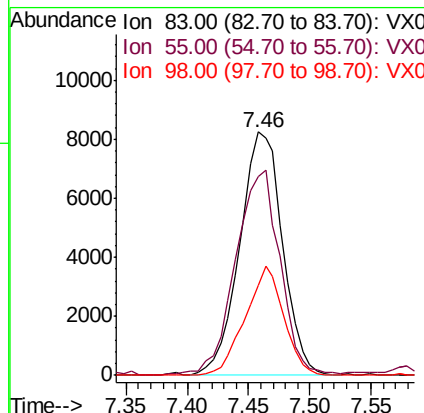
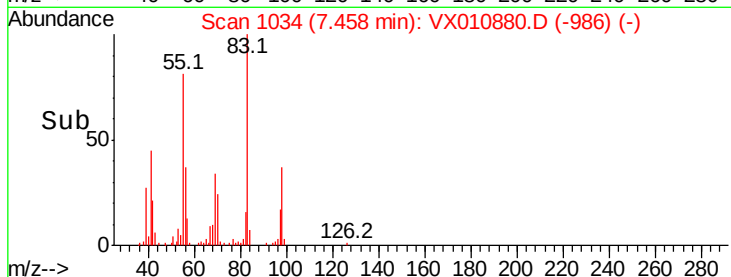
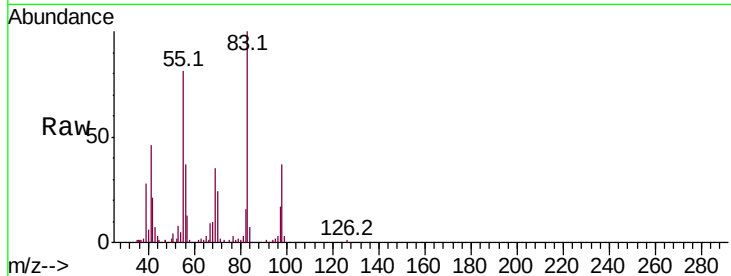
#39
Methylvlcyclohexane
Concen: 5.329 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
FL-0587

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	53.0	79.6#
98	37.2	37.8	56.8#

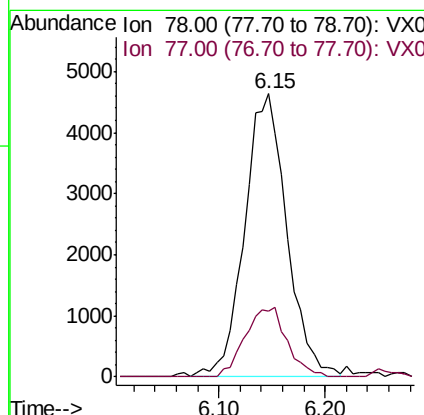
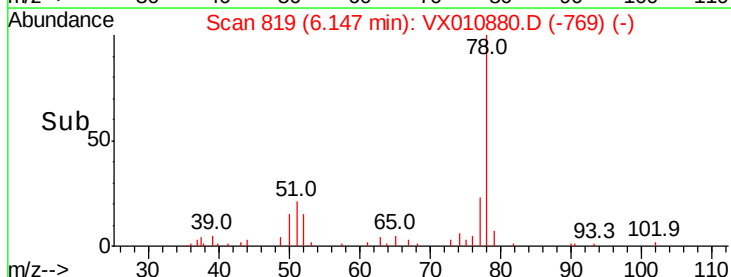
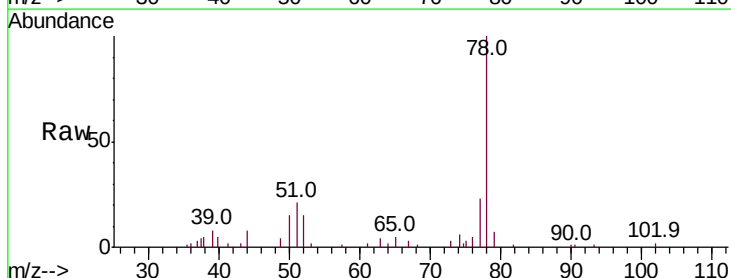
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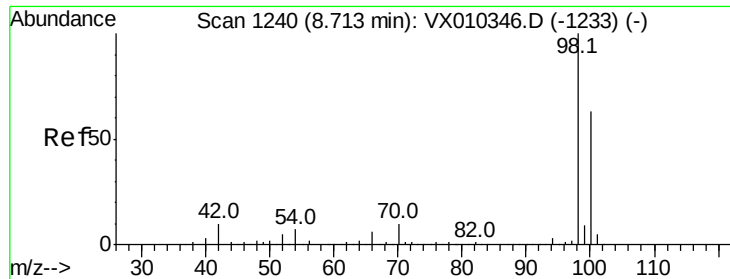
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#40
Benzene
Concen: 1.442 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





#50

Toluene-d8

Concen: 51.031 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

FL-0587

Tot Ion: 98 Resp: 430525

Ion Ratio Lower Upper

98 100

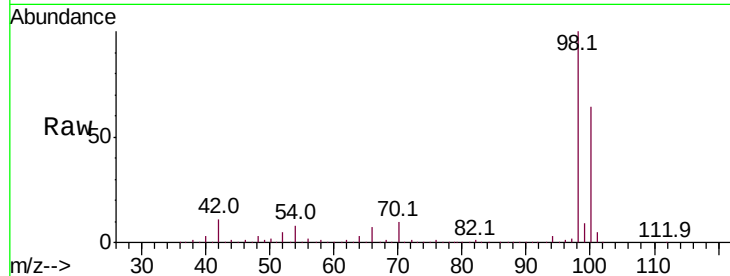
100 64.2 51.6 77.4

Manual Integrations

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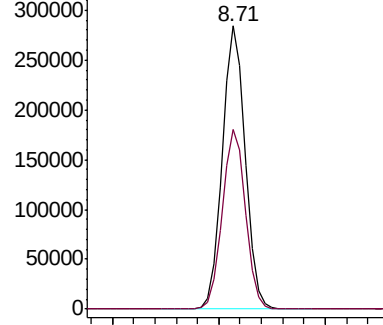
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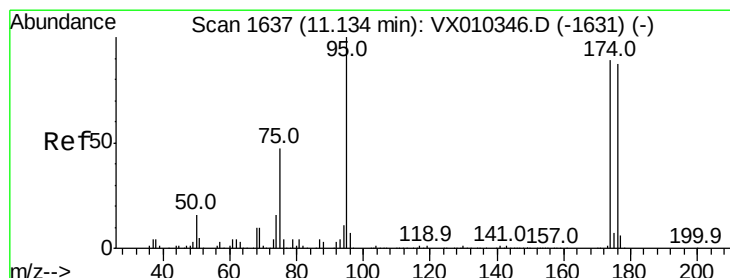
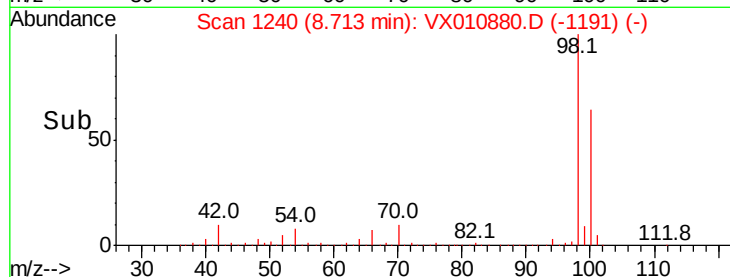


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

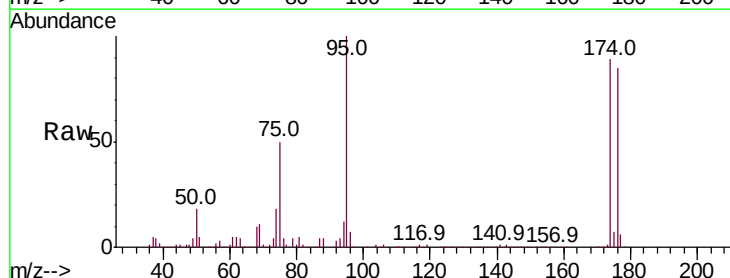
Tgt Ion: 95 Resp: 153578

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

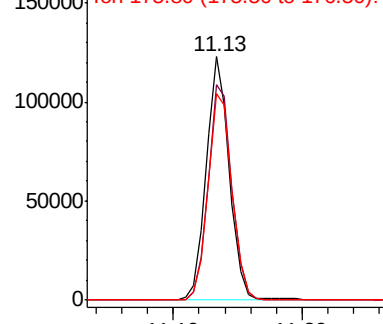
176 88.1 0.0 184.0



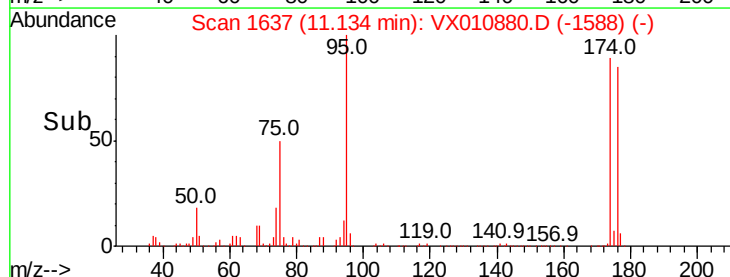
Abundance Ion 94.90 (94.60 to 95.60): VX0

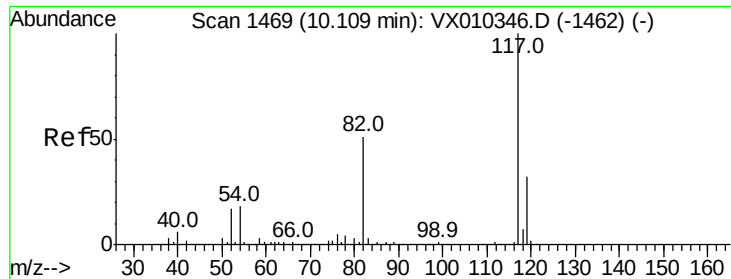
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





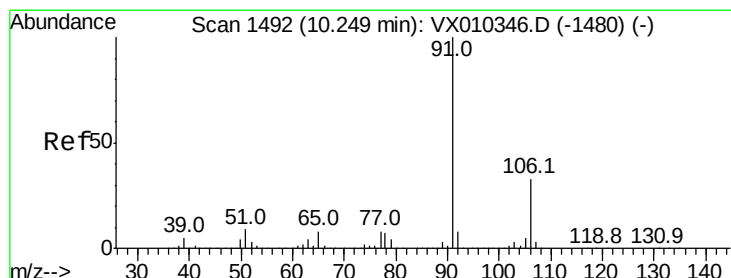
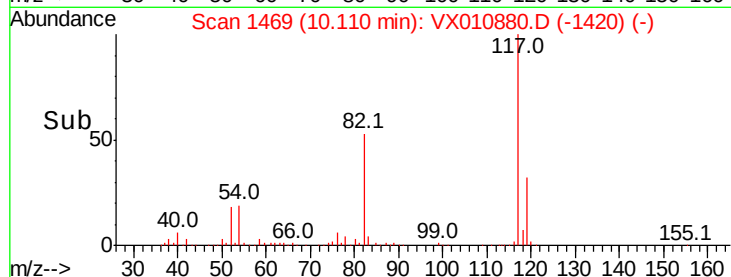
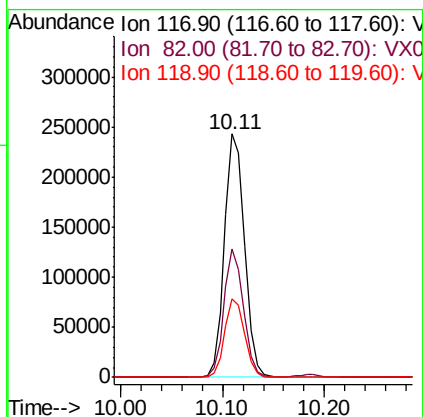
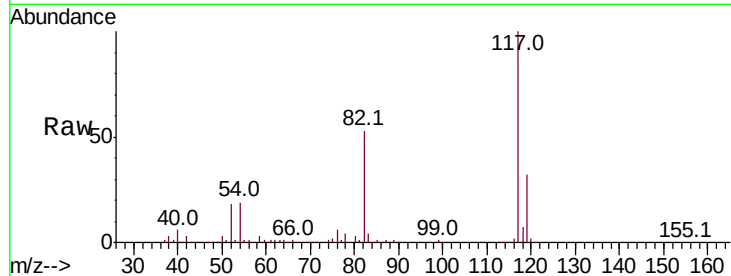
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
FL-0587

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.2	61.8
119	32.1	25.5	38.3

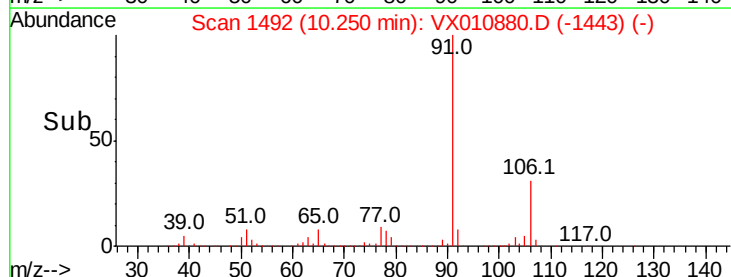
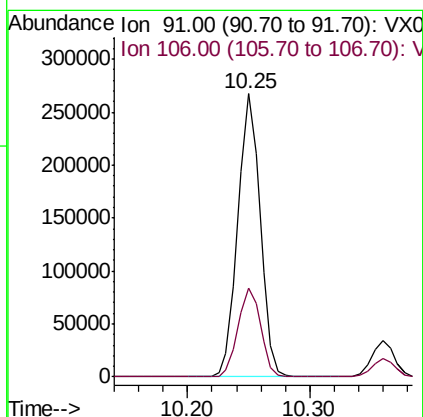
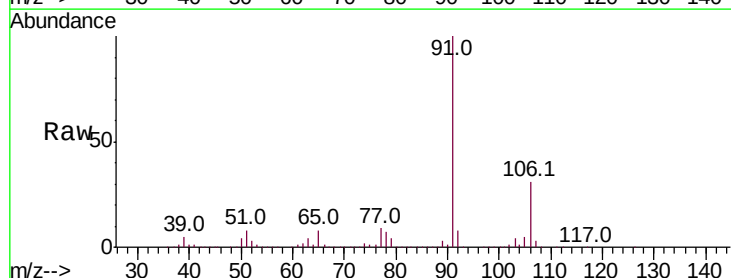
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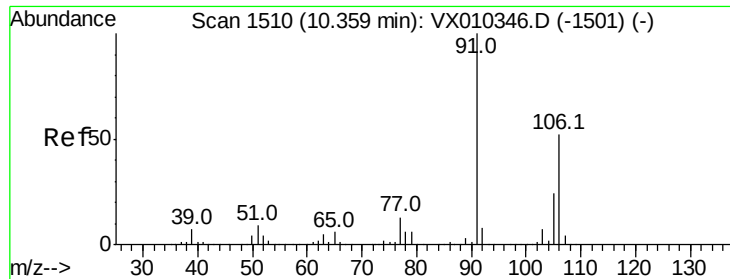
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#67
Ethyl Benzene
Concen: 29.661 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	26.2	39.2





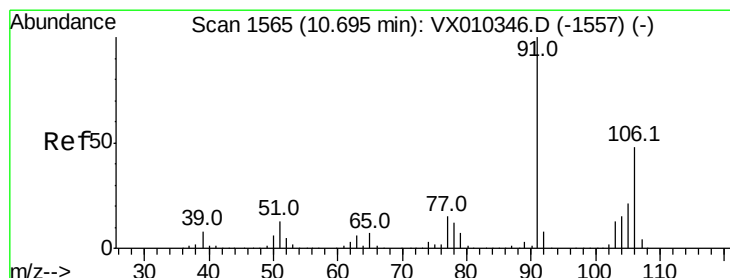
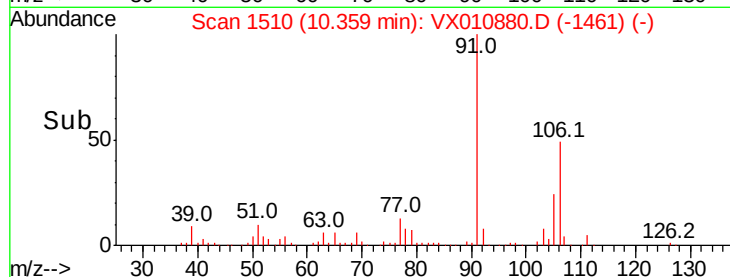
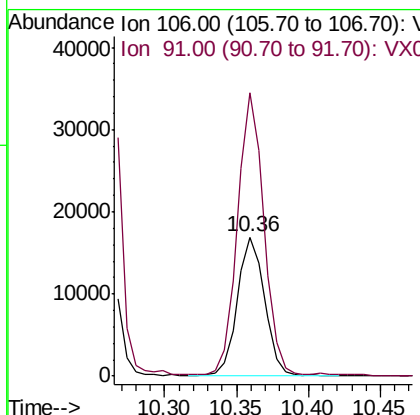
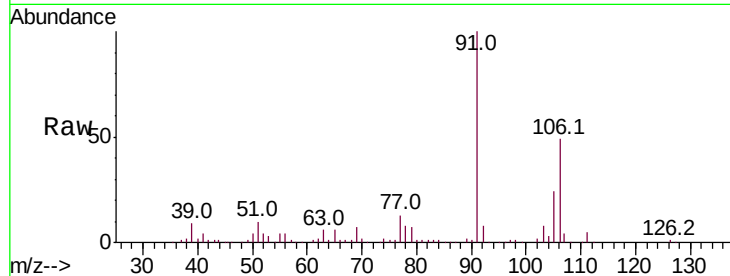
#68
m/p-Xylenes
Concen: 5.119 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
FL-0587

Tot Ion:106 Resp: 22536
Ion Ratio Lower Upper
106 100
91 194.6 155.3 232.9

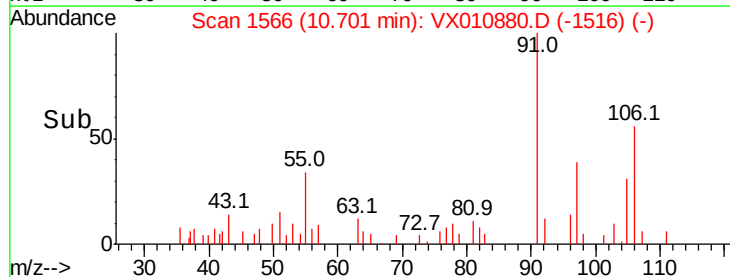
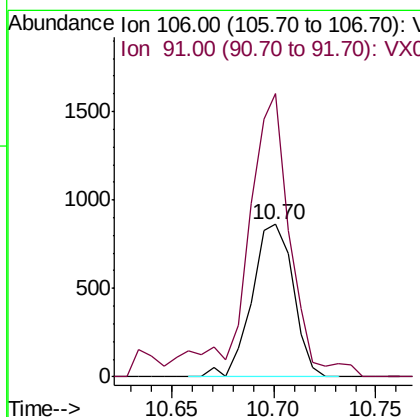
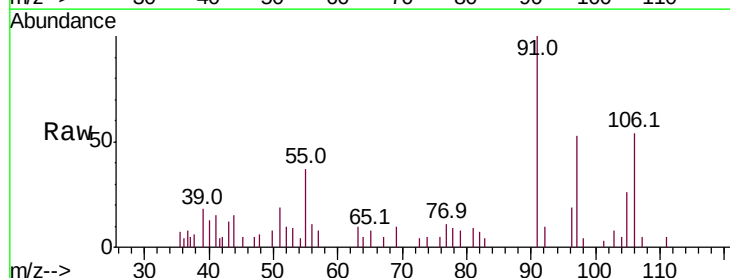
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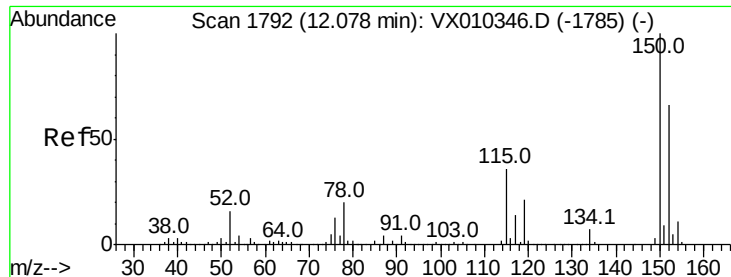
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#69
o-Xylene
Concen: 0.281 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010880.D
Acq: 15 Jul 2019 13:32

Tgt Ion:106 Resp: 1215
Ion Ratio Lower Upper
106 100
91 195.2 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

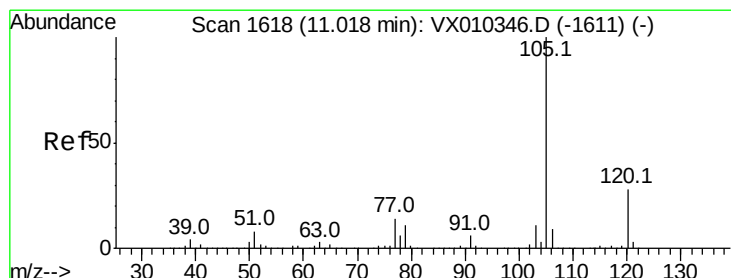
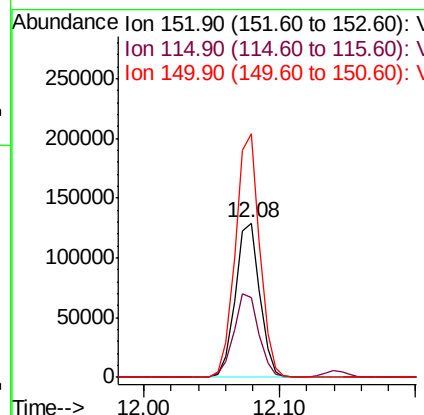
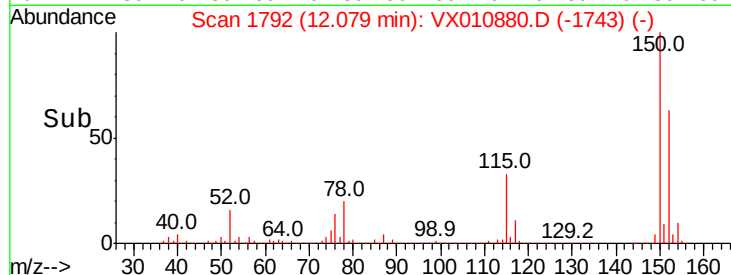
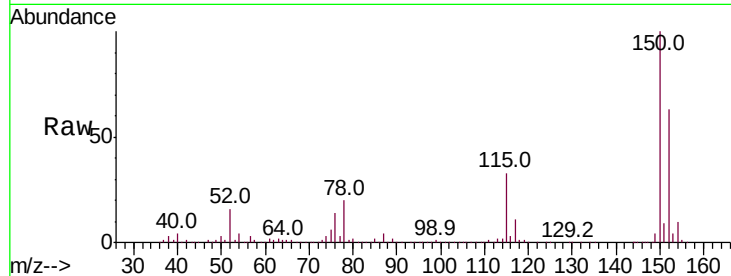
ClientSampled :

FL-0587

Tot Ion:	152	Resp:	160965
Ion Ratio	Lower	Upper	
152	100		
115	55.6	38.6	115.7
150	156.7	0.0	347.4

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#73

Isopropylbenzene

Concen: 11.160 ug/l

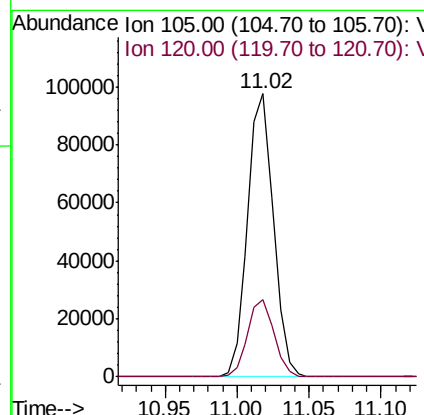
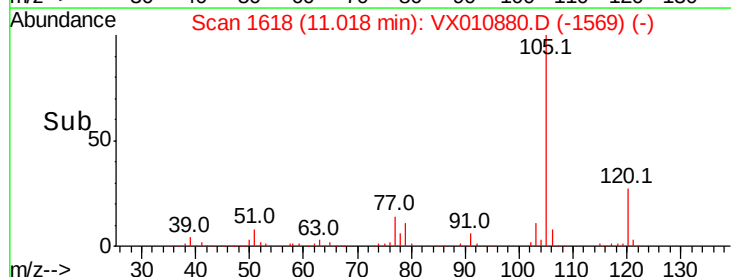
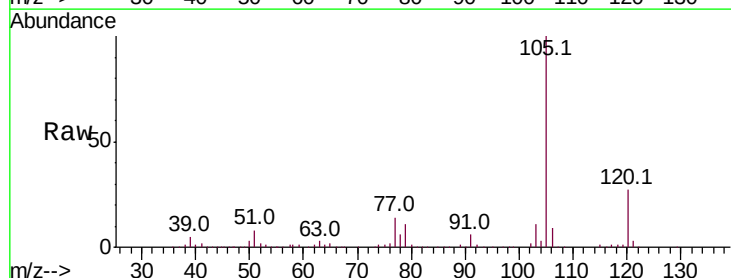
RT: 11.02 min Scan# 1618

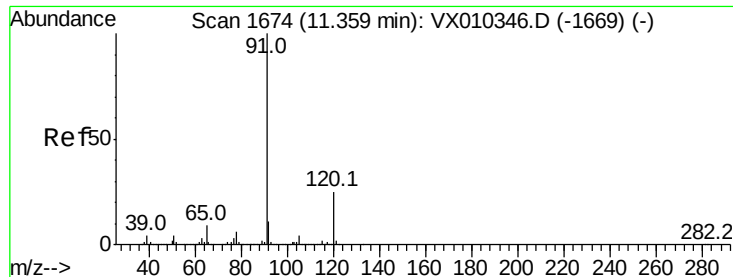
Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Tgt Ion:	105	Resp:	121767
Ion Ratio	Lower	Upper	
105	100		
120	27.7	14.1	42.4





#78

n-propylbenzene

Concen: 14.193 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0587

Tot Ion: 91 Resp: 170210

Ion Ratio Lower Upper

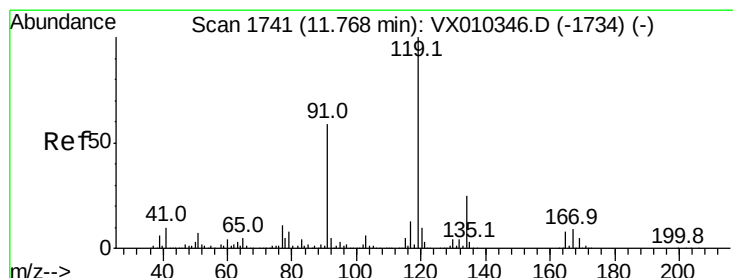
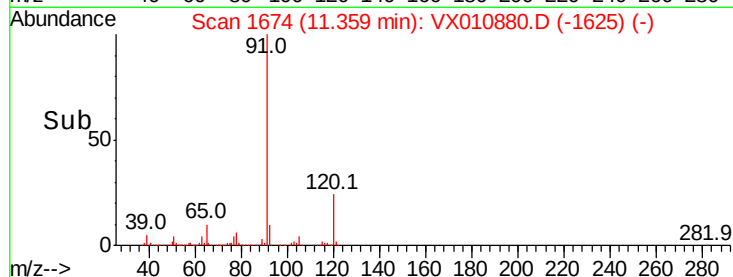
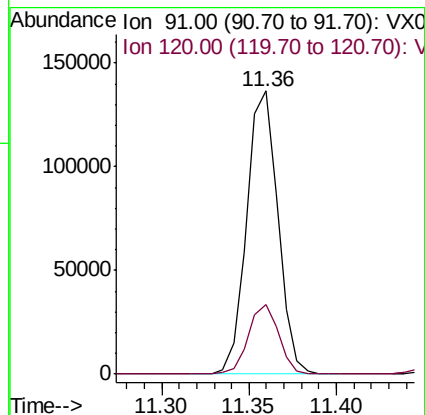
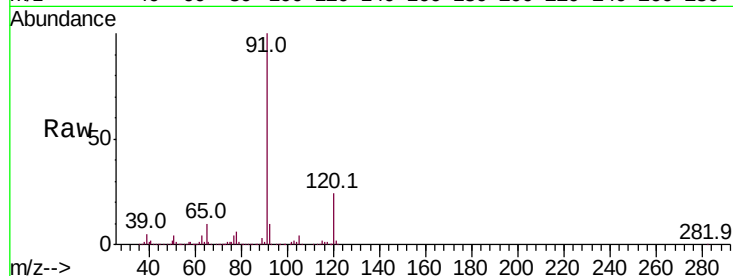
91 100

120 24.0 12.4 37.4

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#83

tert-Butylbenzene

Concen: 0.323 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010880.D

Acq: 15 Jul 2019 13:32

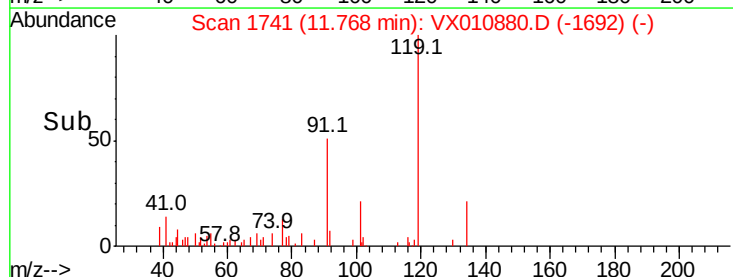
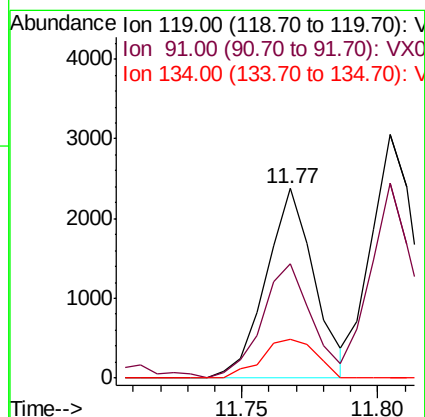
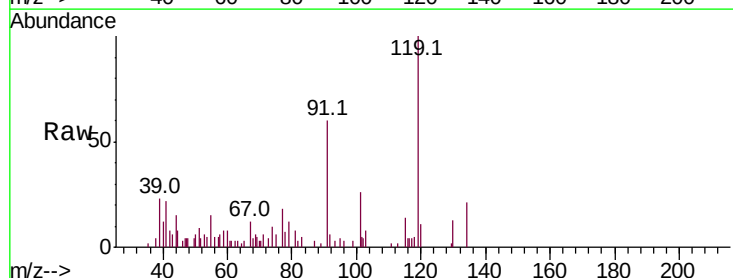
Tgt Ion: 119 Resp: 2918

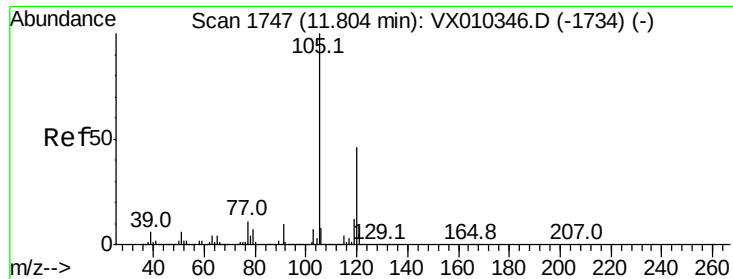
Ion Ratio Lower Upper

119 100

91 62.4 27.6 82.7

134 23.3 11.8 35.4





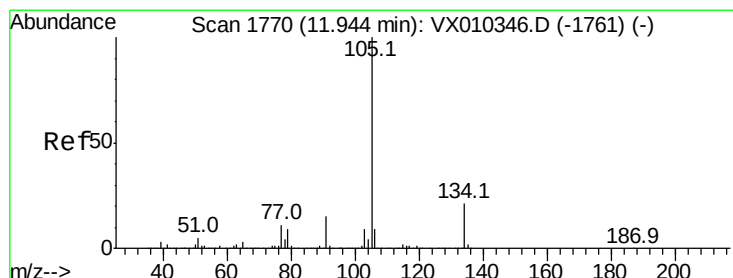
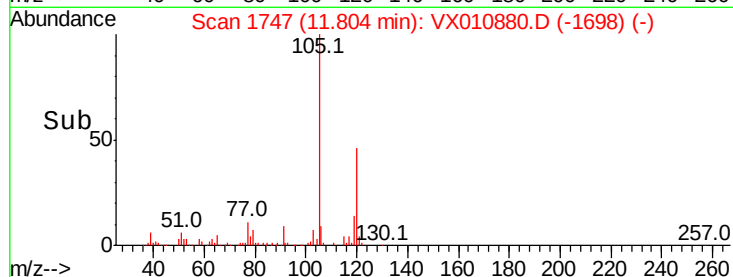
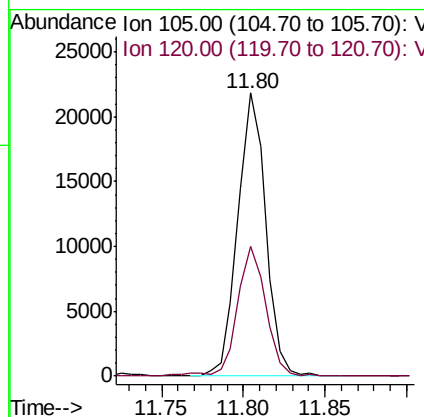
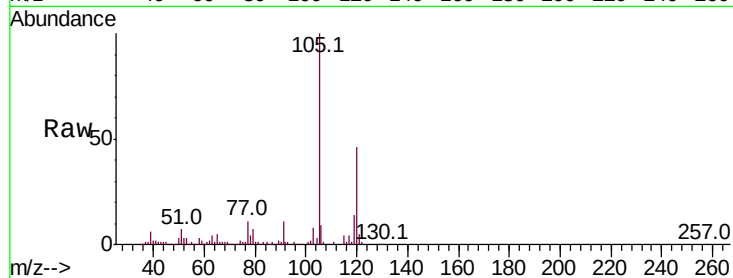
#84
 1,2,4-Trimethylbenzene
 Concen: 2.891 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0587

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2

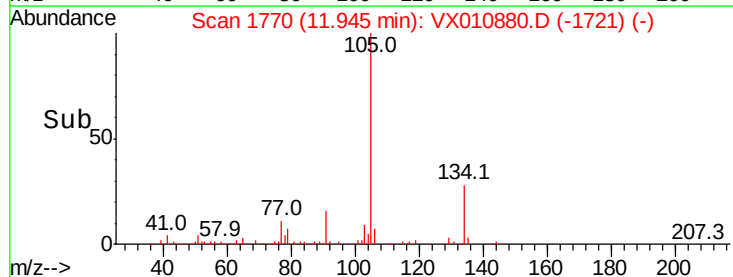
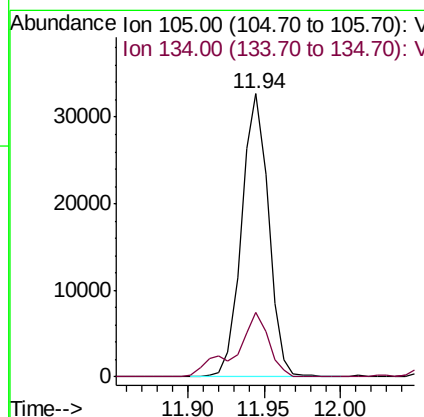
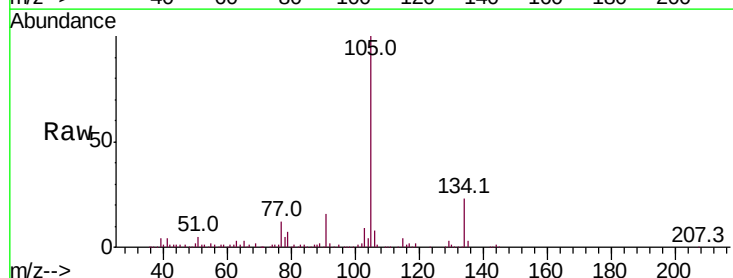
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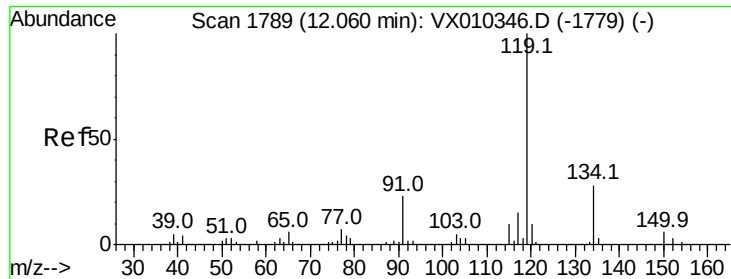
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#85
 sec-Butylbenzene
 Concen: 3.755 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	28.6	10.7	31.9





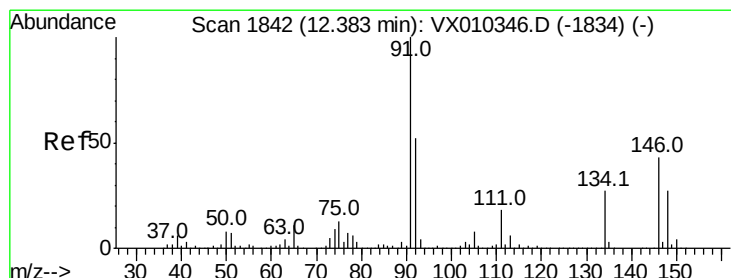
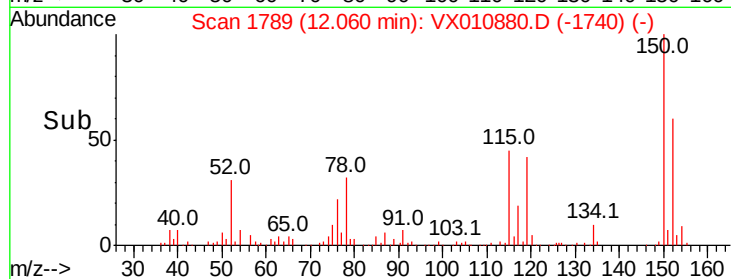
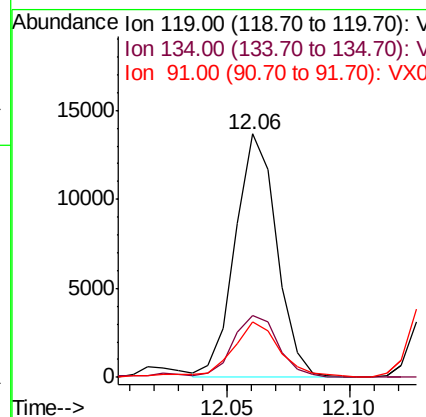
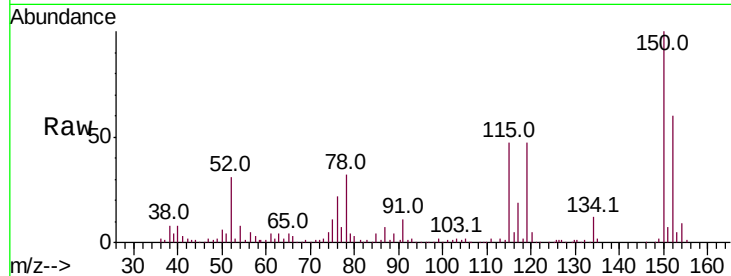
#86
 p-Isopropyltoluene
 Concen: 1.651 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0587

Tot Ion	Ratio	Resp	Lower	Upper
119	100	16186		
134	29.2		13.7	41.1
91	27.0		11.3	33.8

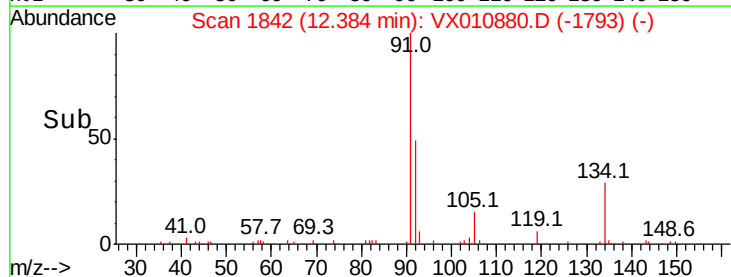
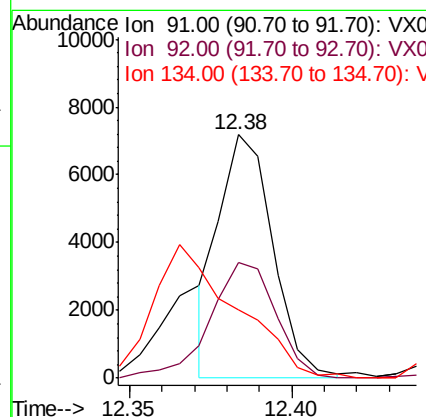
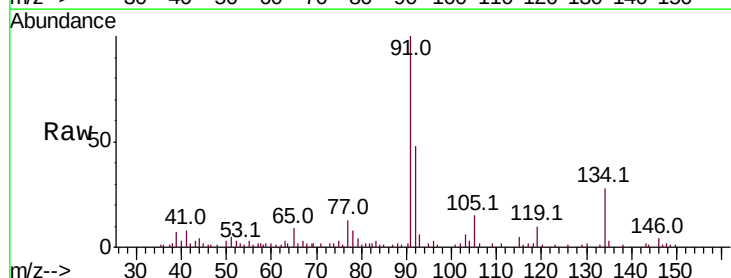
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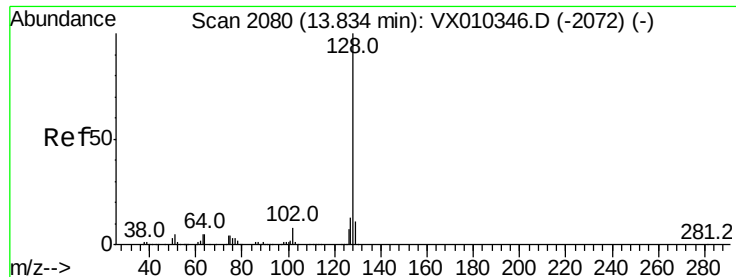
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#89
 n-Butylbenzene
 Concen: 0.994 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	8285		
92	58.2		26.2	78.5
134	84.7		14.1	42.4





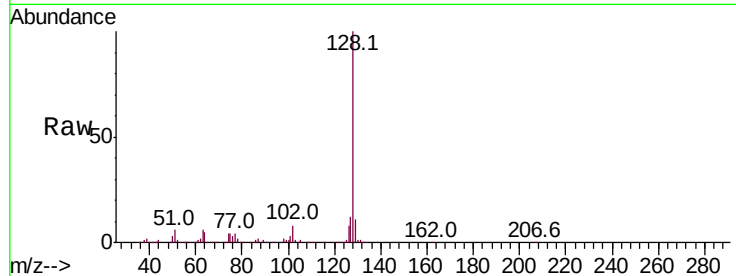
#95
 Naphthalene
 Concen: 6.756 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010880.D
 Acq: 15 Jul 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0587

Tot Ion:	128	Resp:	76107
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	11.5	8.9	13.3

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Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

