

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012415.D
 Acq On : 16 Sep 2019 19:05
 Operator : JC/SP
 Sample : K4830-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0277

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 12:02:13 PM

Quant Time: Sep 17 05:25:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	118475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	197954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127409	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	5.49	113	89182	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.71	98	338581	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	133075	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
Target Compounds						
16) Acetone	2.43	43	5467	5.014	ug/l	93
31) Cyclohexane	5.58	56	276209	165.610	ug/l	98
39) Methylcyclohexane	7.46	83	1269266	722.370	ug/l	98
40) Benzene	6.14	78	2450	0.435	ug/l	97
67) Ethyl Benzene	10.25	91	4946	0.674	ug/l	97
73) Isopropylbenzene	11.01	105	493008	66.712	ug/l	99
78) n-propylbenzene	11.35	91	645224	77.254	ug/l	100
83) tert-Butylbenzene	11.76	119	16359	2.397	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	19169	2.936	ug/l	100
85) sec-Butylbenzene	11.94	105	115386	15.290	ug/l	81
86) p-Isopropyltoluene	12.06	119	2672m	0.386	ug/l	
89) n-Butylbenzene	12.38	91	39455m	6.462	ug/l	
95) Naphthalene	13.83	128	489242	54.286	ug/l	99

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

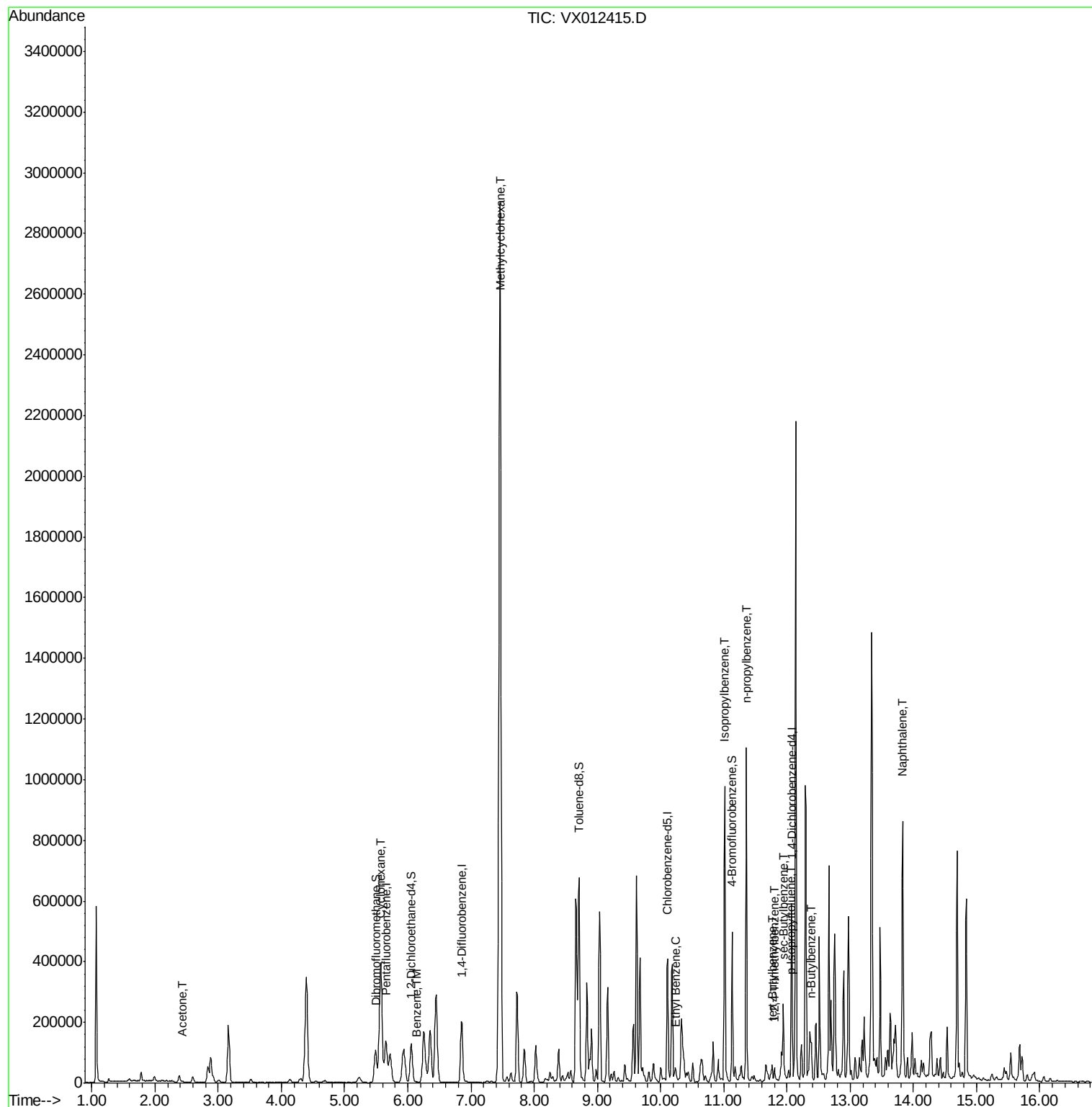
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012415.D
Acq On : 16 Sep 2019 19:05
Operator : JC/SP
Sample : K4830-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

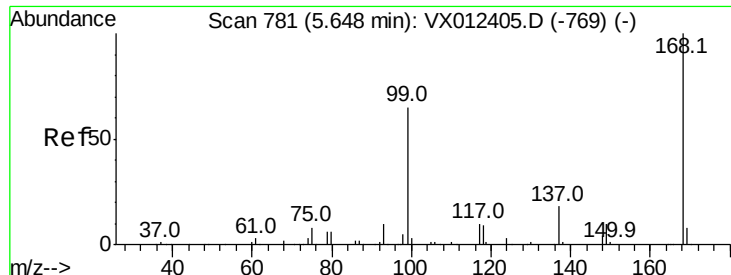
Instrument :
MSVOA_X
ClientSampleId :
S13-0277

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Quant Time: Sep 17 05:25:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 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: VX012415.D

Acq: 16 Sep 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

S13-0277

Tot Ion:168 Resp: 118475

Ion Ratio Lower Upper

168 100

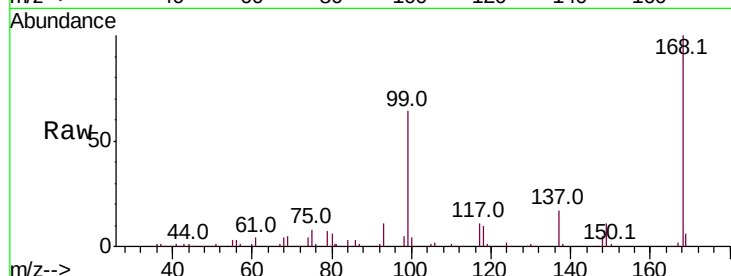
99 64.1 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

20000

10000

0

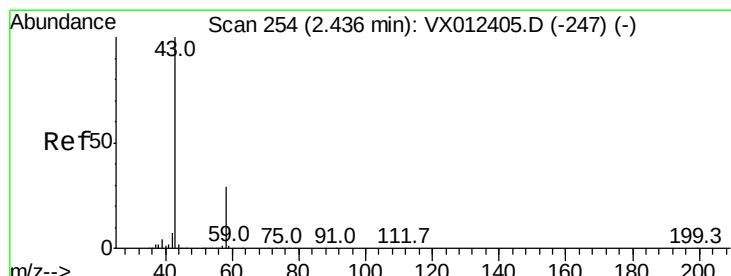
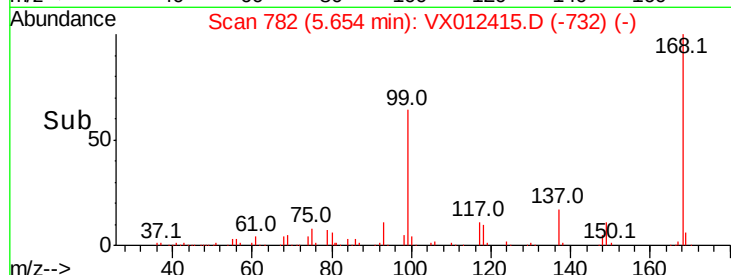
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 5.014 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012415.D

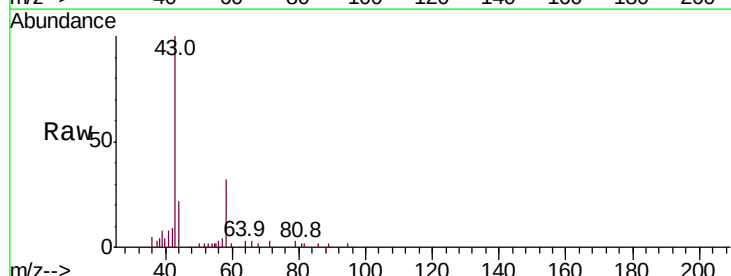
Acq: 16 Sep 2019 19:05

Tgt Ion: 43 Resp: 5467

Ion Ratio Lower Upper

43 100

58 32.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

3000

2000

1000

0

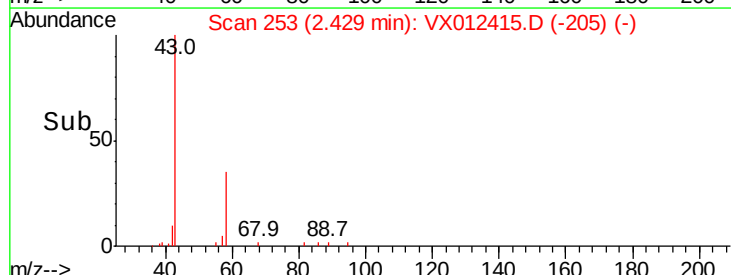
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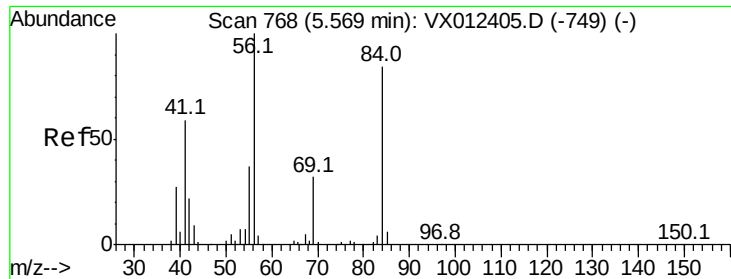
2.40

2.45

2.50

2.55





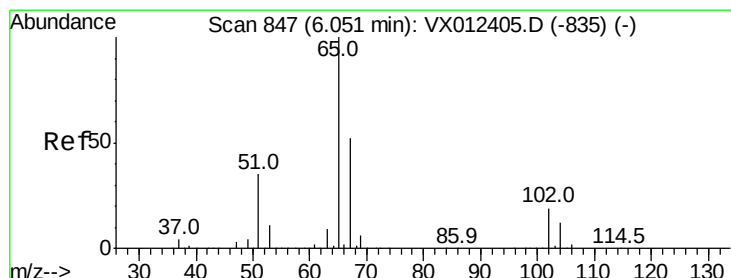
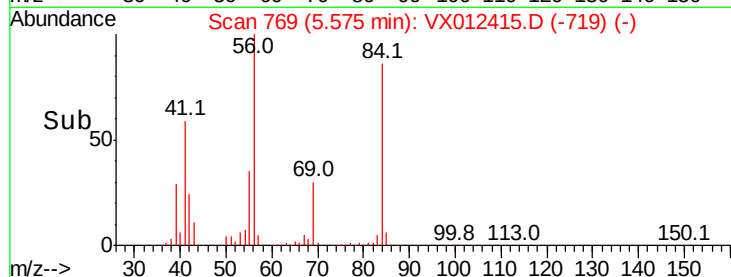
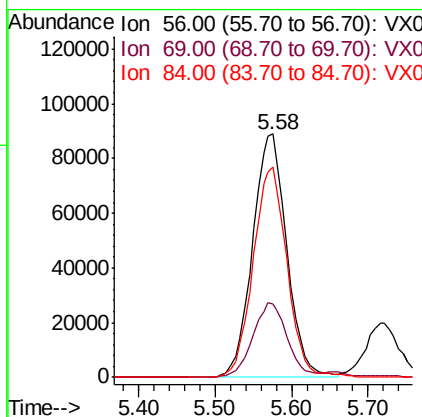
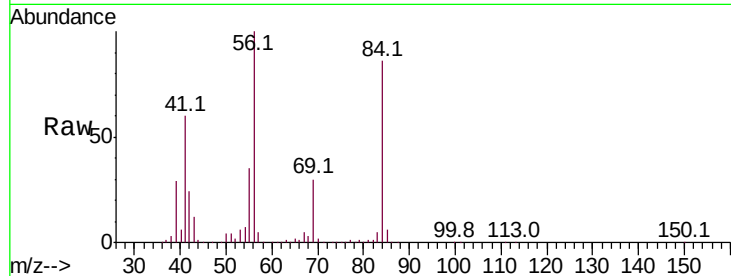
#31
Cyclohexane
Concen: 165.610 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
S13-0277

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.9	37.3
84	86.2	67.2	100.8

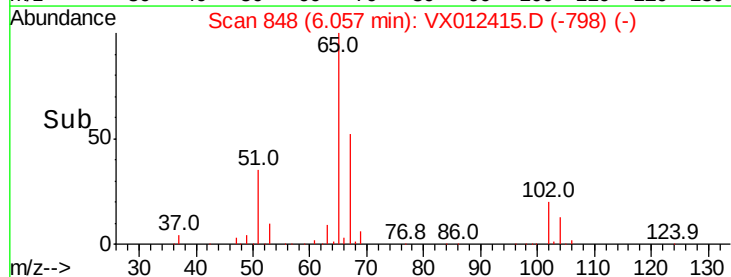
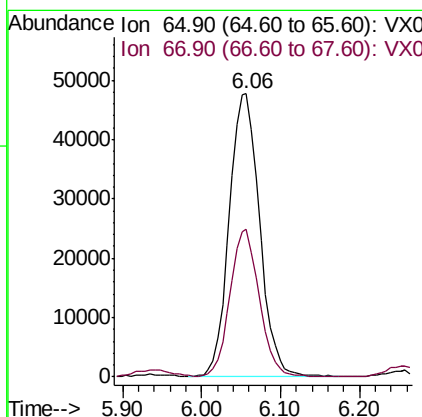
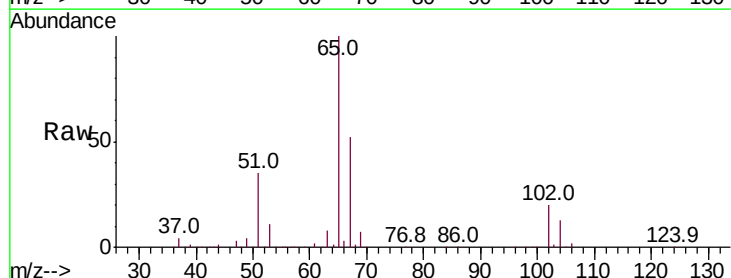
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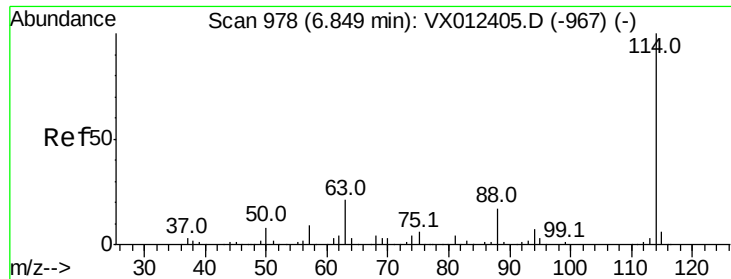
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#33
1,2-Dichloroethane-d4
Concen: 52.484 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.8





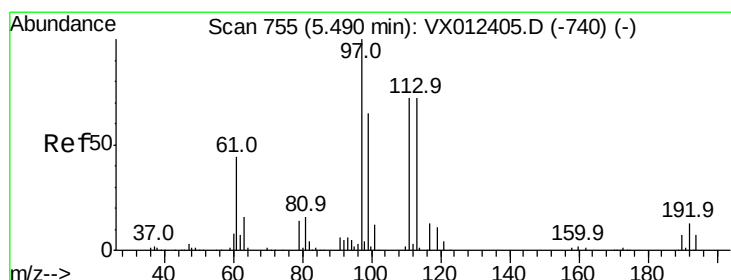
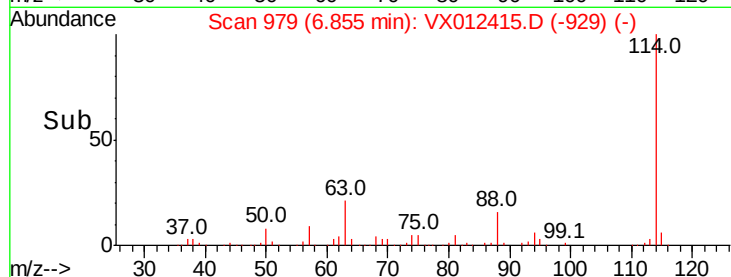
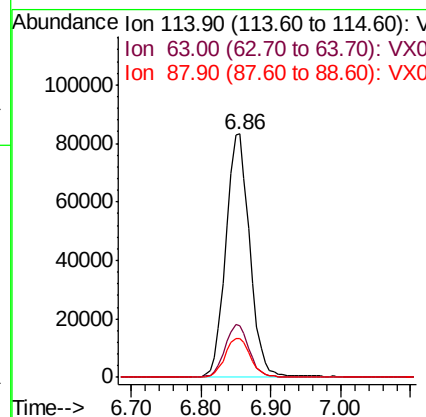
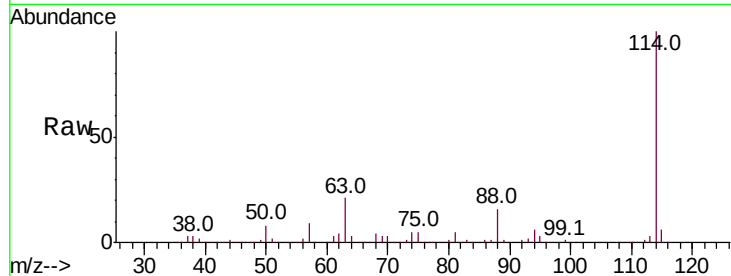
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012415.D
 Acq: 16 Sep 2019 19:05

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0277

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	42.4
88	16.0	0.0	33.4

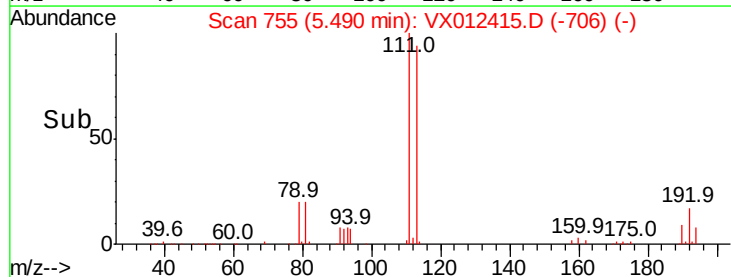
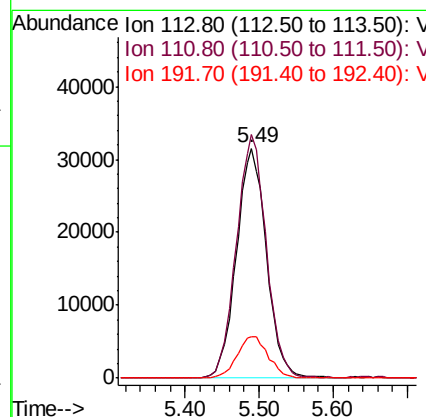
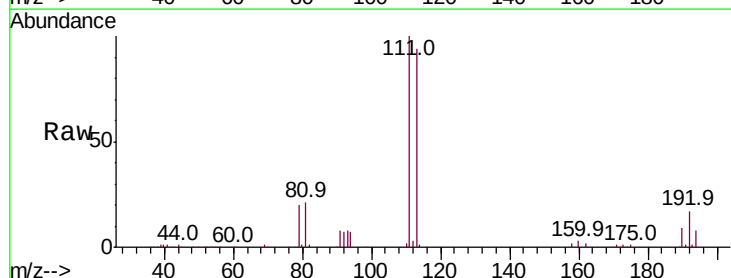
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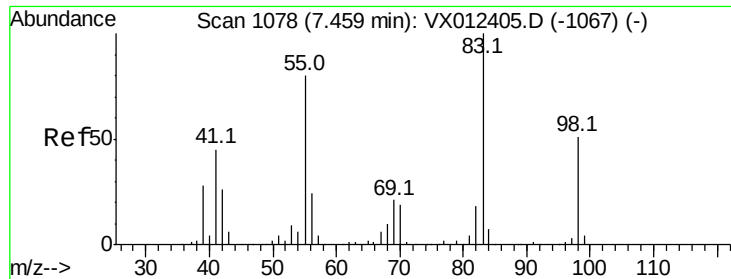
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#35
 Dibromofluoromethane
 Concen: 46.508 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012415.D
 Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	105.4	81.8	122.6
192	18.7	15.0	22.4





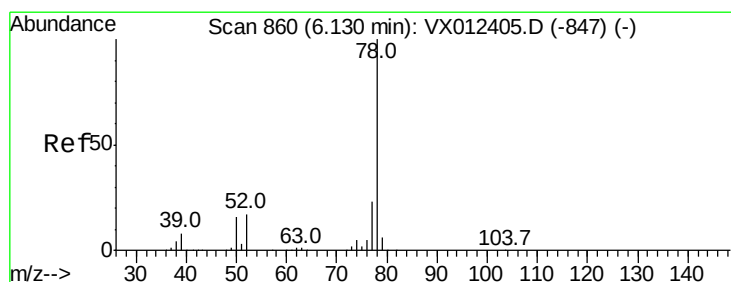
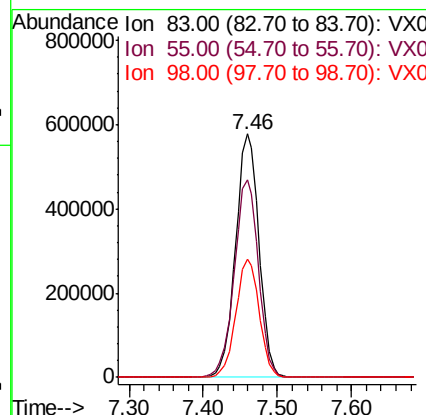
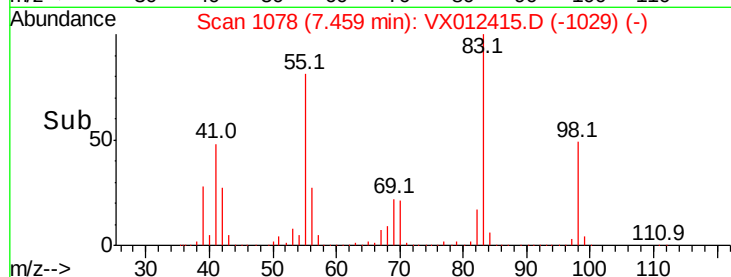
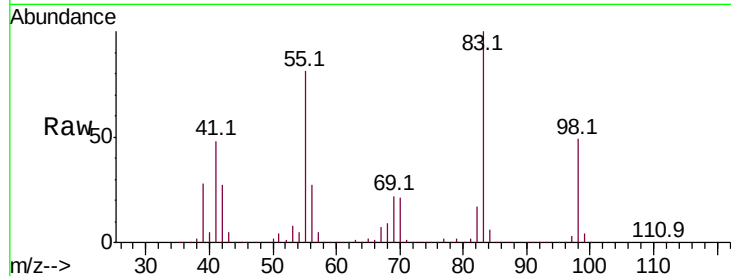
#39
Methylvlcyclohexane
Concen: 722.370 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
S13-0277

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	63.8	95.6
98	48.6	40.6	61.0

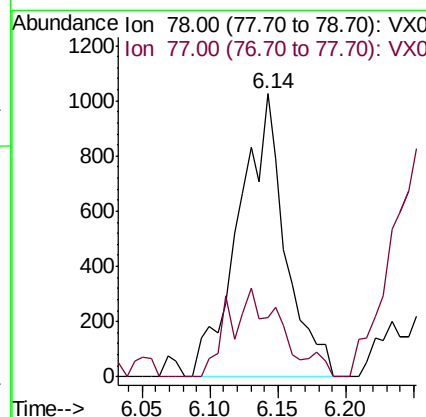
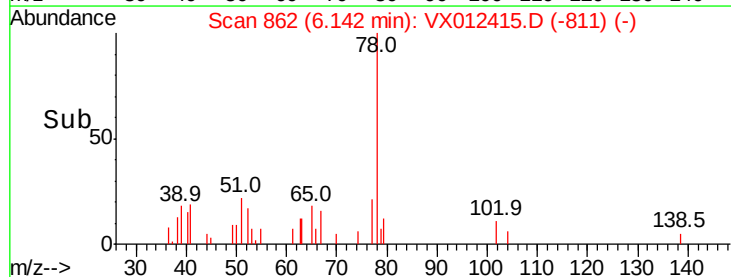
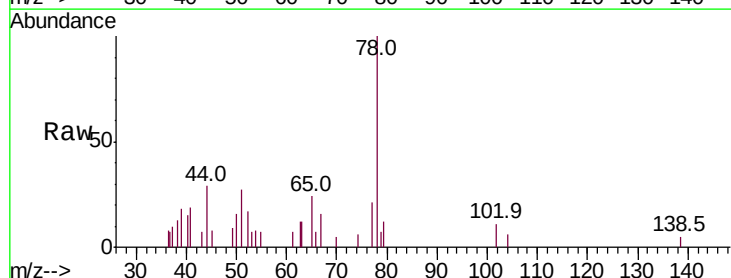
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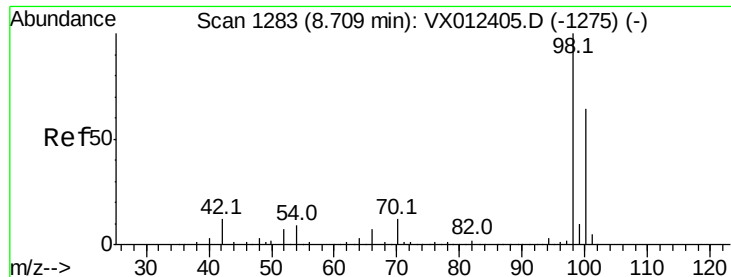
MMDadoda
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#40
Benzene
Concen: 0.435 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.2	27.2





#50

Toluene-d8

Concen: 49.757 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012415.D

Acq: 16 Sep 2019 19:05

Instrument :

MSVOA_X

ClientSampleId :

S13-0277

Tot Ion: 98 Resp: 338581

Ion Ratio Lower Upper

98 100

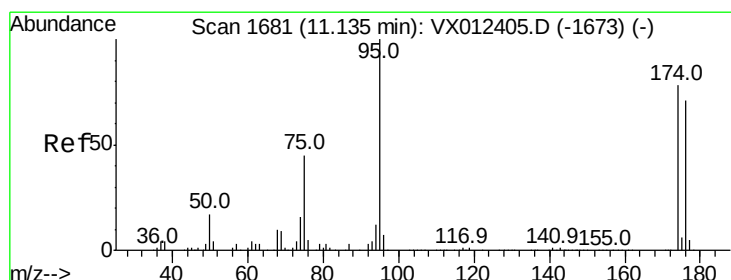
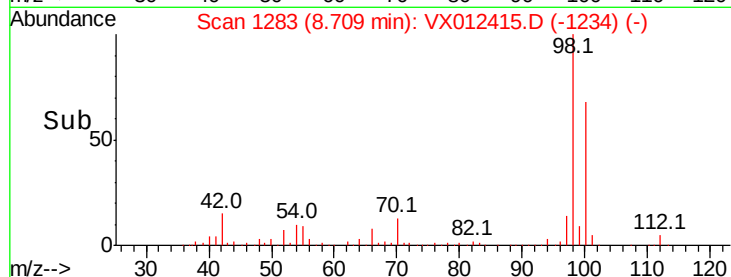
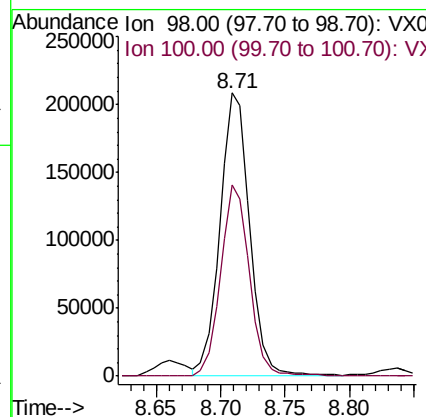
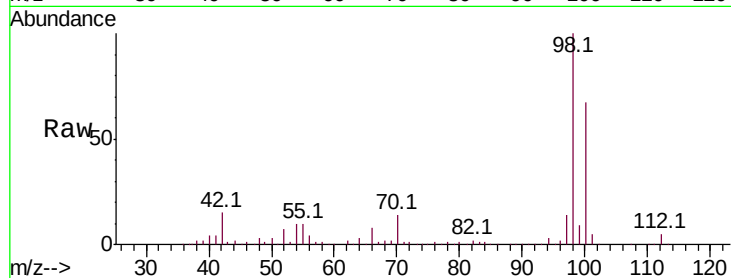
100 66.1 54.4 81.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.484 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012415.D

Acq: 16 Sep 2019 19:05

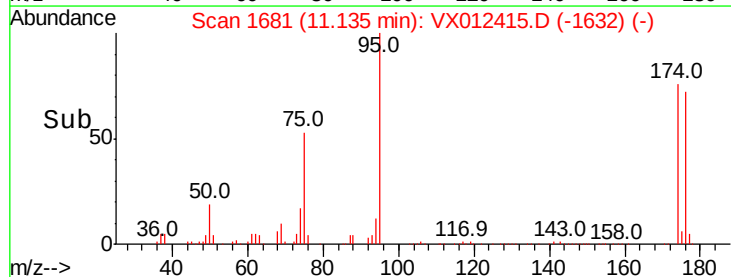
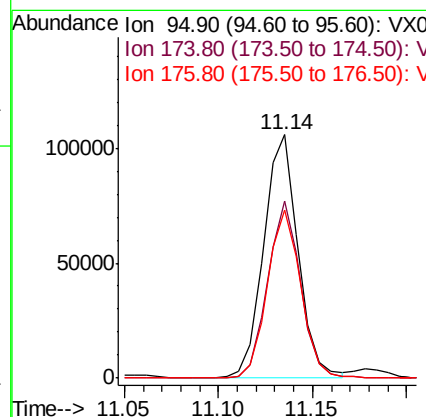
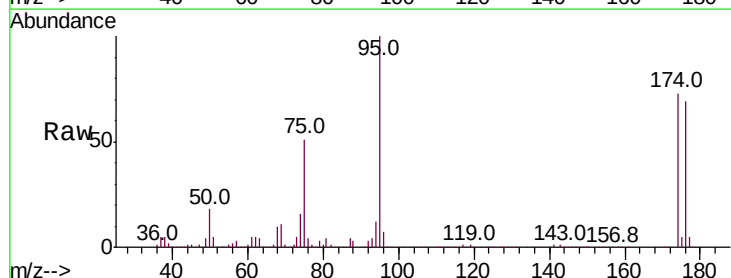
Tgt Ion: 95 Resp: 133075

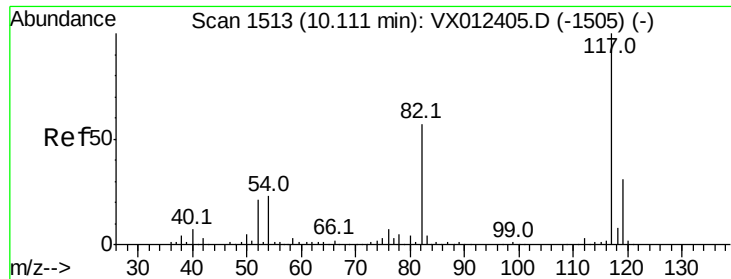
Ion Ratio Lower Upper

95 100

174 69.7 0.0 146.0

176 67.7 0.0 137.6





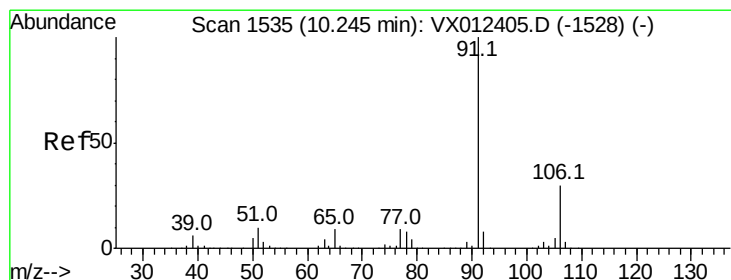
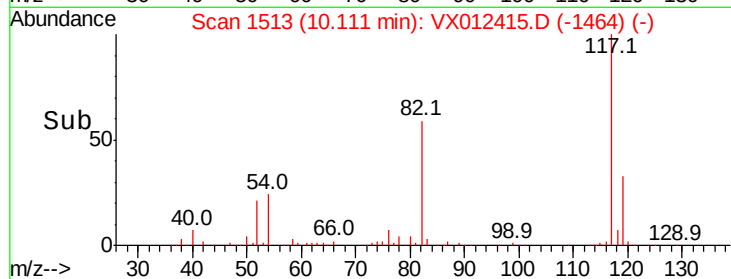
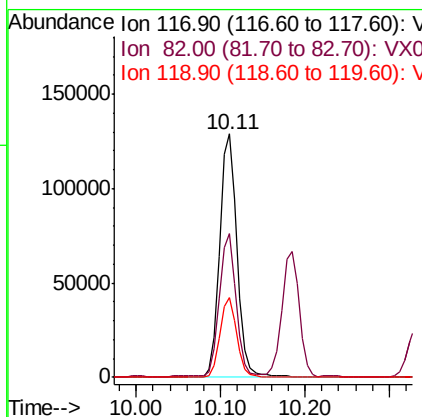
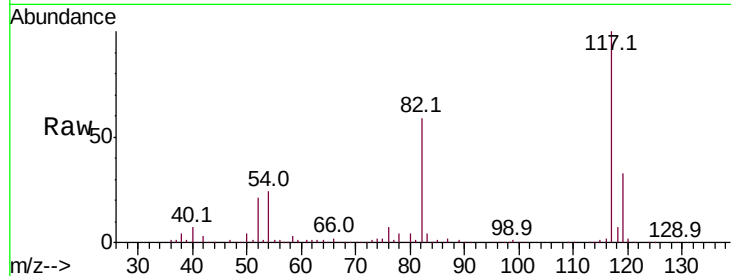
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
S13-0277

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.8	68.6
119	32.8	24.9	37.3

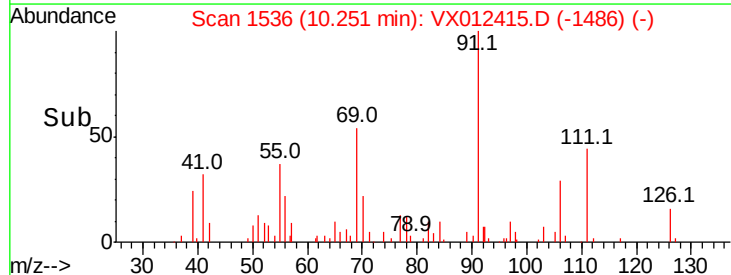
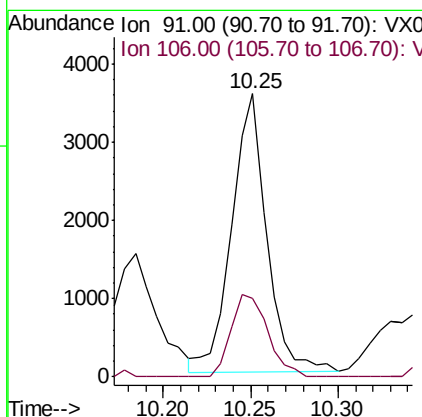
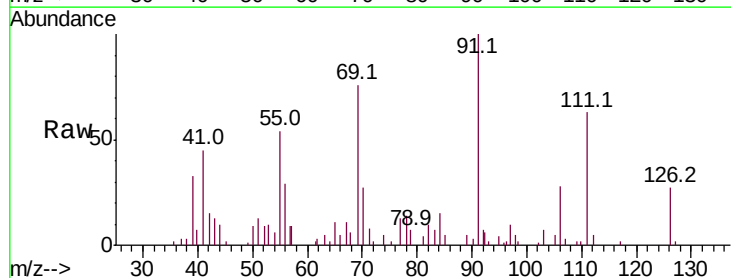
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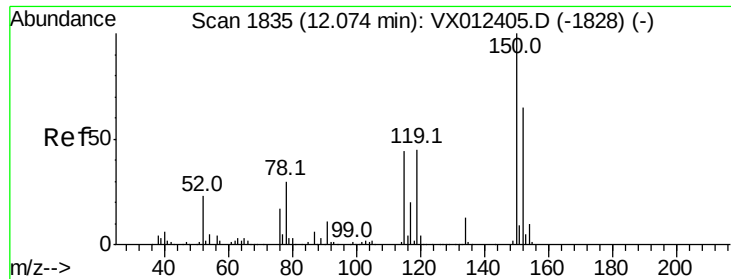
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#67
Ethyl Benzene
Concen: 0.674 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.0	36.0





#72

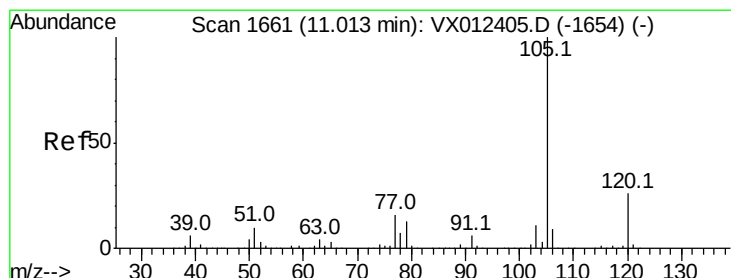
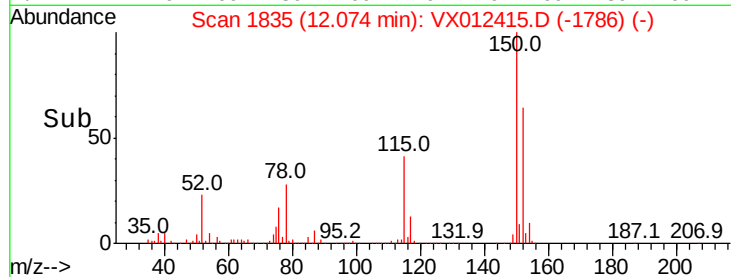
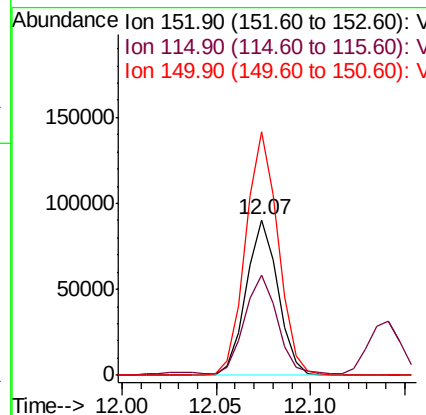
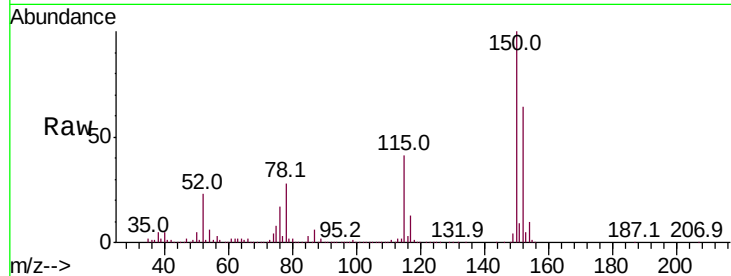
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampled :
S13-0277

Tot Ion	Ratio	Resp	Lower	Upper
152	100	106371		
115	65.7	45.3	135.9	
150	159.1	0.0	354.0	

Manual Integrations
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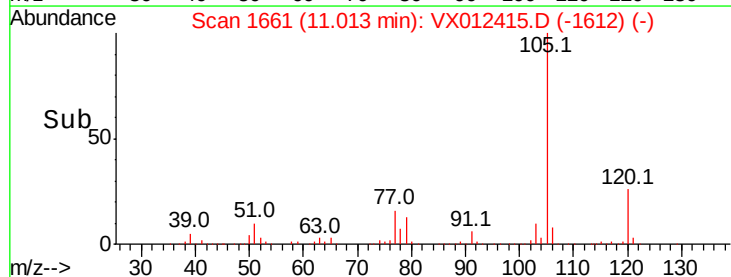
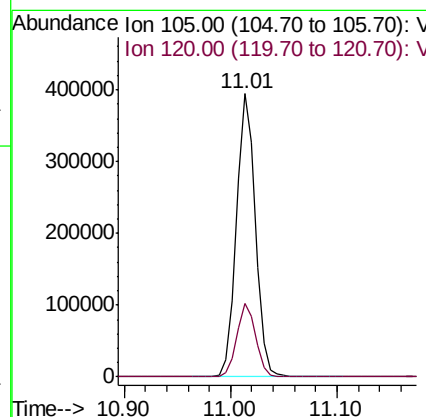
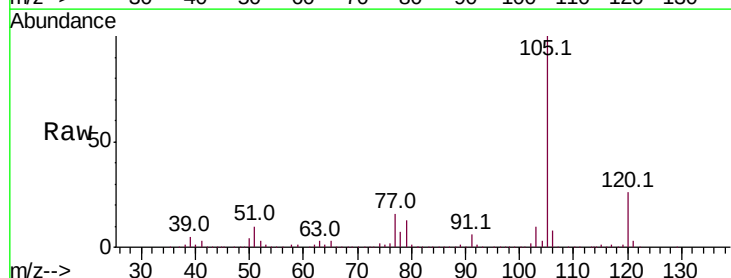
MMDadoda
9/18/2019 12:02:13 PM

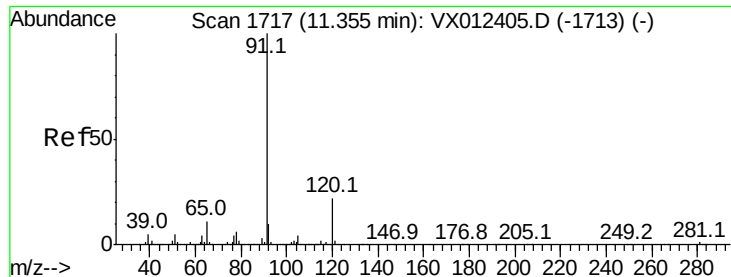


#73

Isopropylbenzene
Concen: 66.712 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493008		
120	26.0	13.2	39.6	





#78

n-propylbenzene

Concen: 77.254 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012415.D

Acq: 16 Sep 2019 19:05

Instrument :

MSVOA_X

ClientSampled :

S13-0277

Tot Ion: 91 Resp: 645224

Ion Ratio Lower Upper

91 100

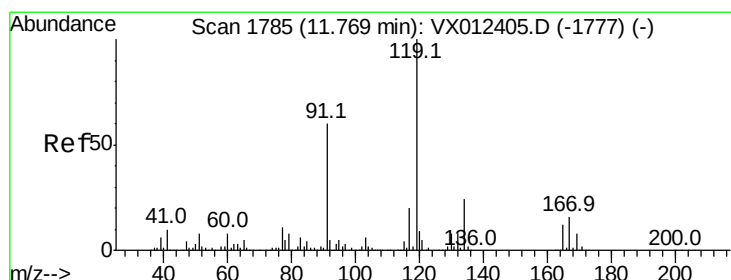
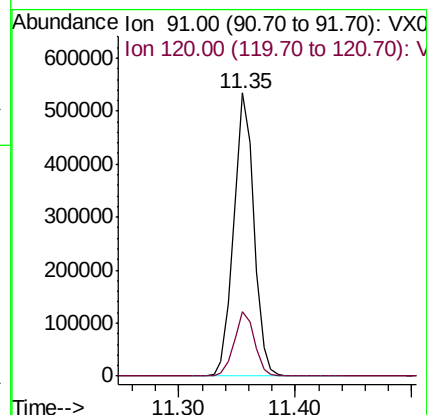
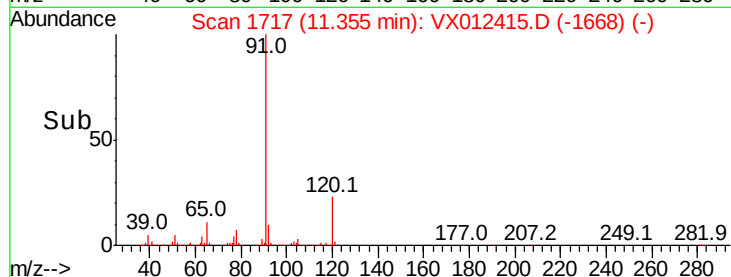
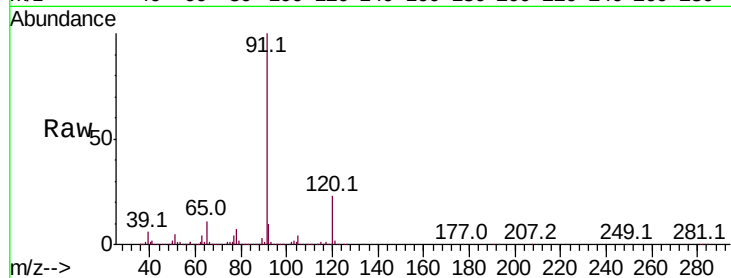
120 22.9 11.5 34.4

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#83

tert-Butylbenzene

Concen: 2.397 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012415.D

Acq: 16 Sep 2019 19:05

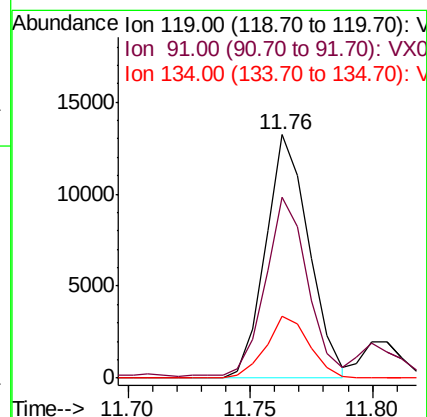
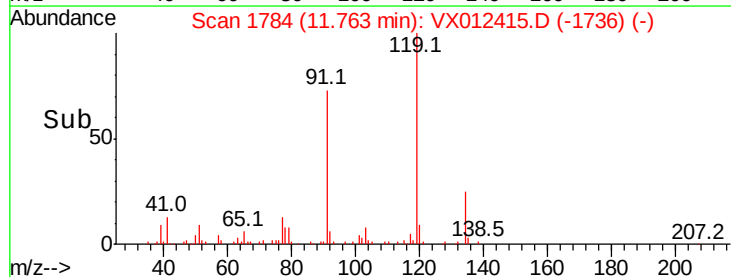
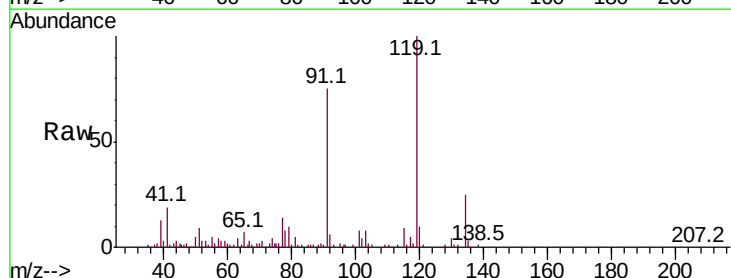
Tgt Ion: 119 Resp: 16359

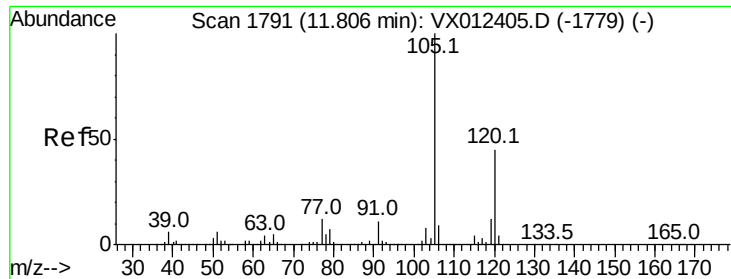
Ion Ratio Lower Upper

119 100

91 72.4 29.6 88.8

134 25.5 11.4 34.1





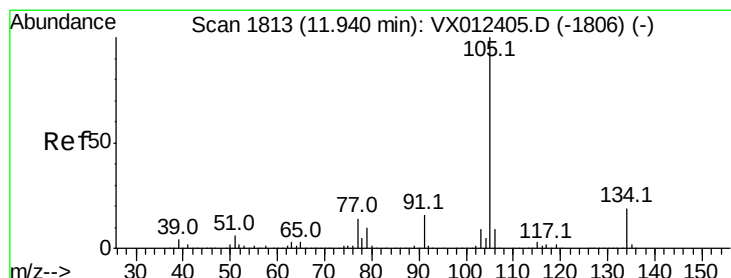
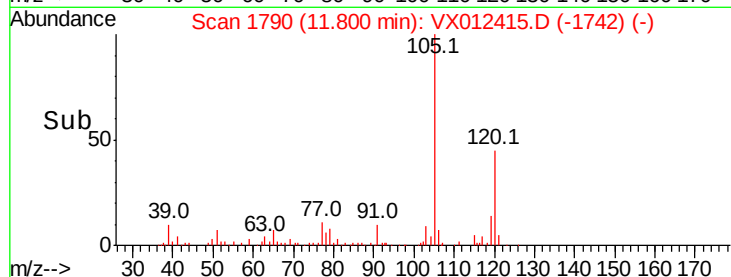
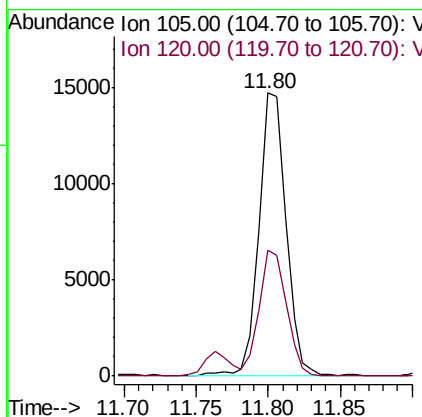
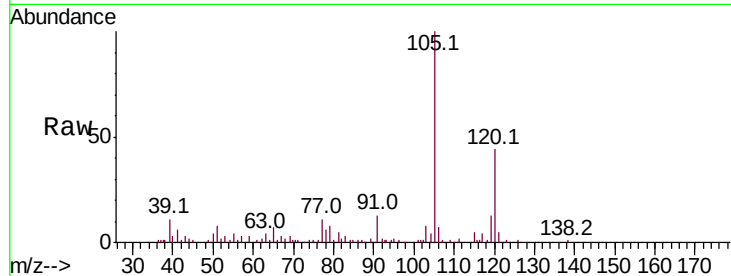
#84
1,2,4-Trimethylbenzene
Concen: 2.936 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
S13-0277

Tot Ion:105 Resp: 19169
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5

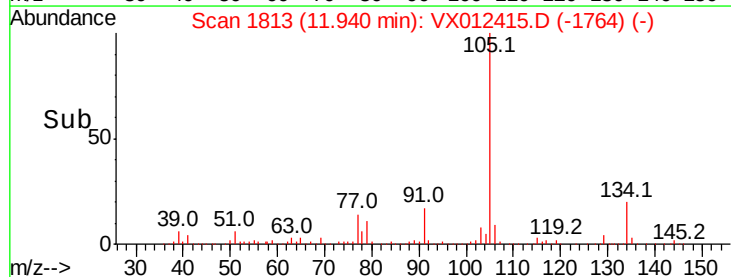
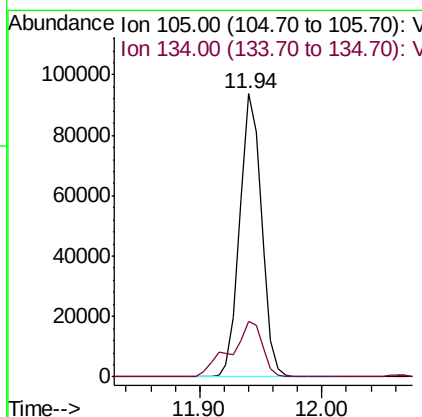
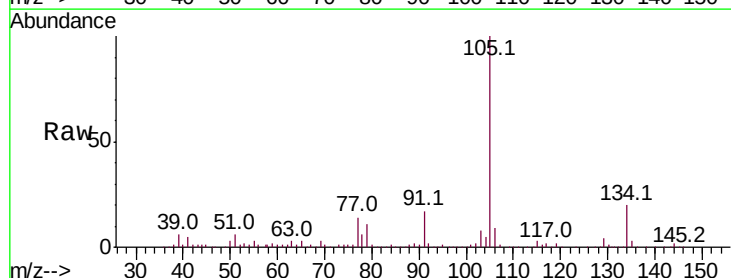
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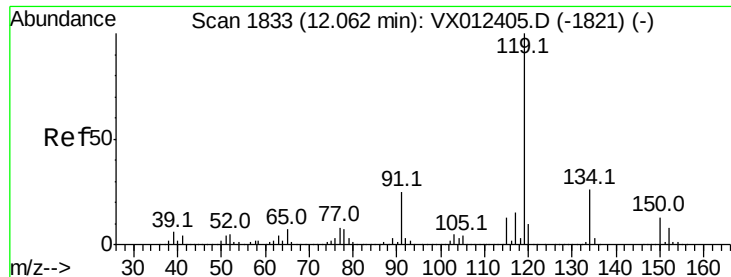
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#85
sec-Butylbenzene
Concen: 15.290 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Tgt Ion:105 Resp: 115386
Ion Ratio Lower Upper
105 100
134 28.8 10.1 30.1





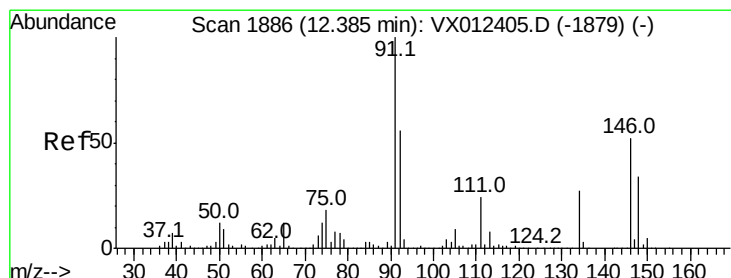
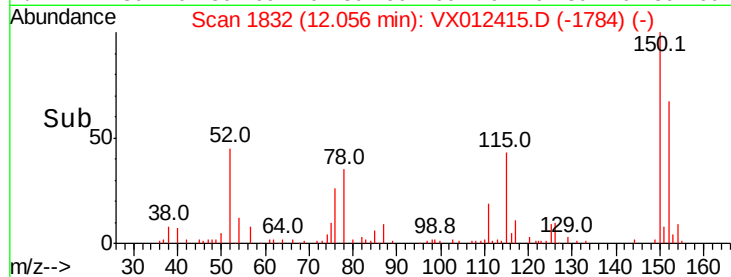
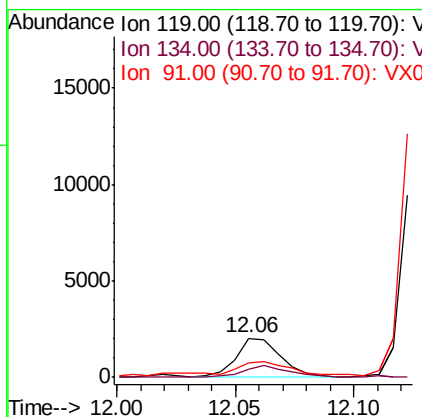
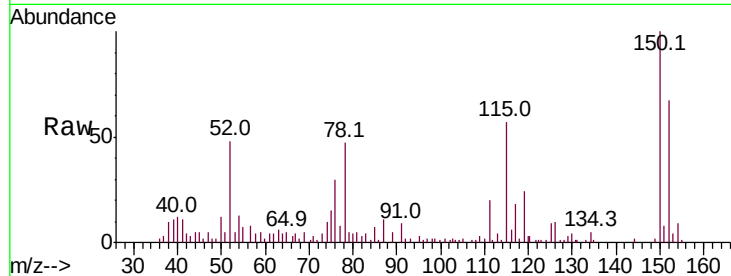
#86
 p-Isopropyltoluene
 Concen: 0.386 ug/l m
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX012415.D
 Acq: 16 Sep 2019 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0277

Tot Ion	Ratio	Resp	Lower	Upper
119	100	2672		
134	464.1	12.9	38.6#	
91	457.2	12.9	38.6#	

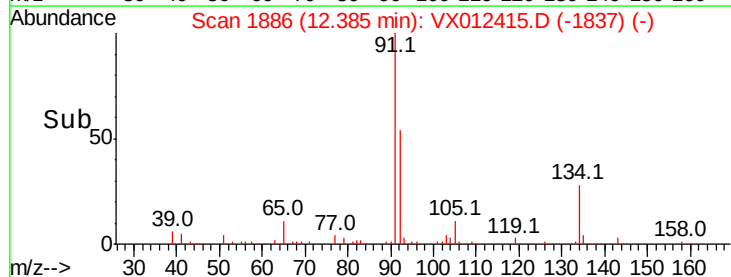
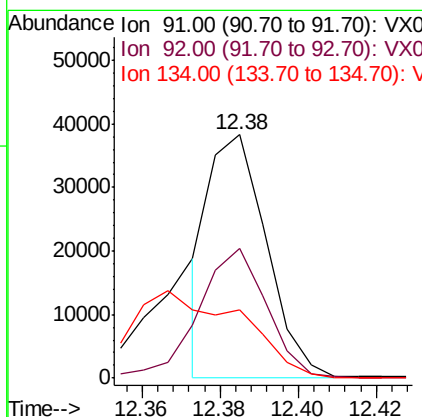
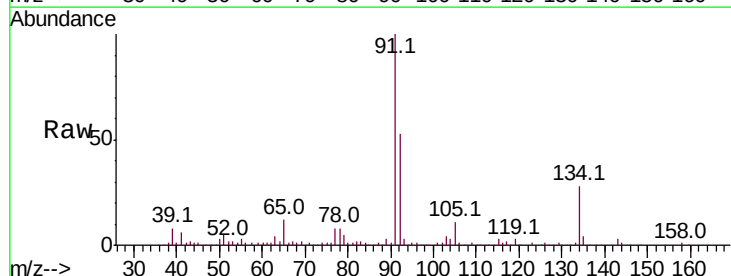
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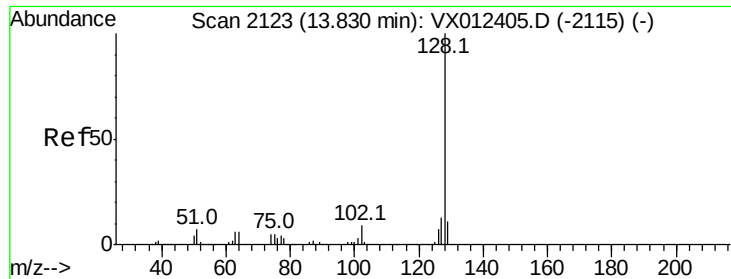
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#89
 n-Butylbenzene
 Concen: 6.462 ug/l m
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012415.D
 Acq: 16 Sep 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	39455		
92	63.9	27.5	82.4	
134	69.0	13.2	39.6#	





#95
Naphthalene
Concen: 54.286 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012415.D
Acq: 16 Sep 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
S13-0277

Tot Ion	Ratio	Resp	Lower	Upper
128	100	489242		
127	13.0		10.2	15.4
129	11.8		8.6	13.0

Manual Integrations
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