

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012421.D
 Acq On : 16 Sep 2019 21:25
 Operator : JC/SP
 Sample : K4830-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-0278

Manual Integrations
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 9/18/2019 12:02:42 PM

Quant Time: Sep 17 05:41:04 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	118155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	191045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	178280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117198	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	83421	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	8.71	98	309200	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.14	95	126101	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	5629	5.177	ug/l	90
31) Cyclohexane	5.57	56	140102	84.230	ug/l	99
39) Methylcyclohexane	7.46	83	321598	189.648	ug/l	98
40) Benzene	6.14	78	275721	50.684	ug/l	97
52) Toluene	8.78	92	1583	0.447	ug/l	97
67) Ethyl Benzene	10.25	91	117486	16.539	ug/l	98
68) m/p-Xylenes	10.36	106	3369	1.285	ug/l	97
69) o-Xylene	10.70	106	1337	0.492	ug/l	98
73) Isopropylbenzene	11.01	105	25709	3.564	ug/l	98
78) n-propylbenzene	11.35	91	27616	3.387	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	6575	1.047	ug/l	100
83) tert-Butylbenzene	11.77	119	4201	0.631	ug/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	186624	29.280	ug/l	99
85) sec-Butylbenzene	11.94	105	16507	2.241	ug/l	98
86) p-Isopropyltoluene	12.06	119	29859	4.424	ug/l	99
89) n-Butylbenzene	12.38	91	9131m	1.532	ug/l	
95) Naphthalene	13.83	128	57522	6.850	ug/l #	90

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

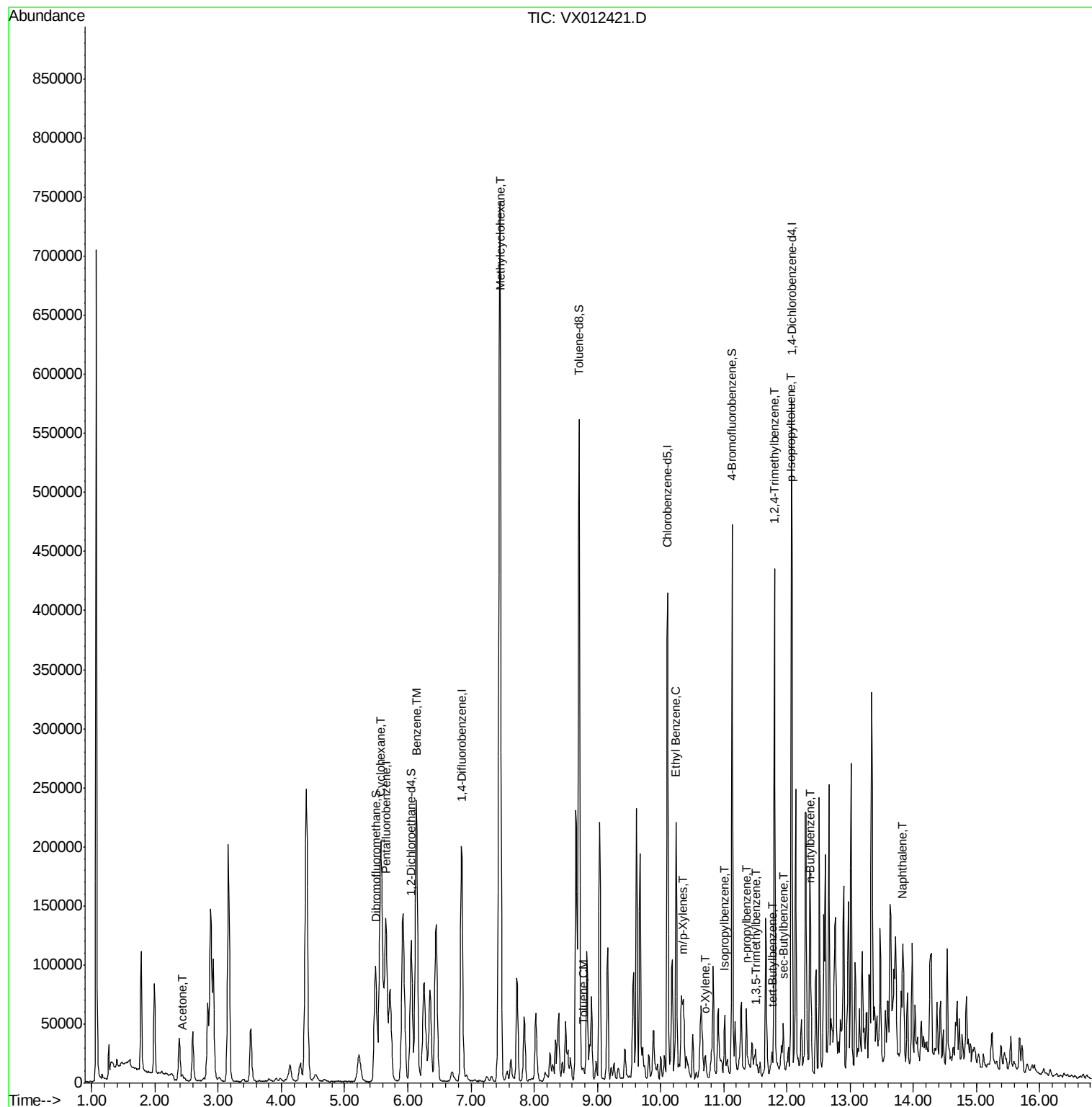
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012421.D
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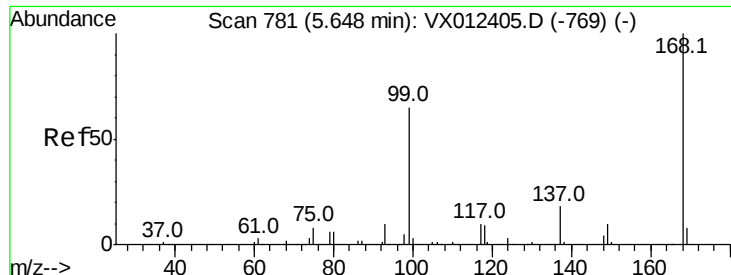
Instrument :
MSVOA_X
ClientSampleId :
SB-0278

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Quant Time: Sep 17 05:41:04 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: VX012421.D

Acq: 16 Sep 2019 21:25

Instrument :

MSVOA_X

ClientSampleID :

SB-0278

Tot Ion:168 Resp: 118155

Ion Ratio Lower Upper

168 100

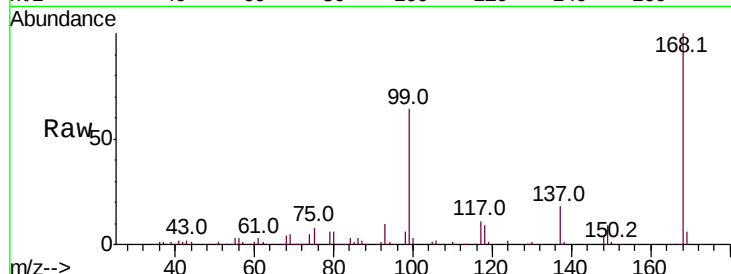
99 64.1 51.8 77.6

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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

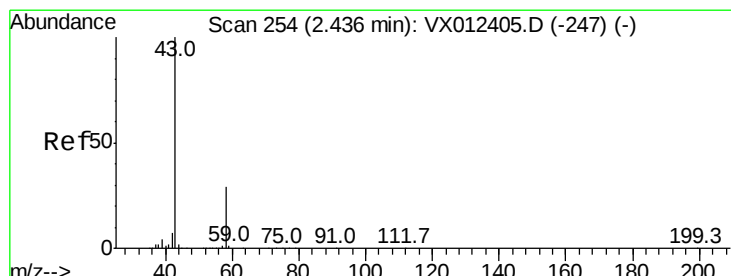
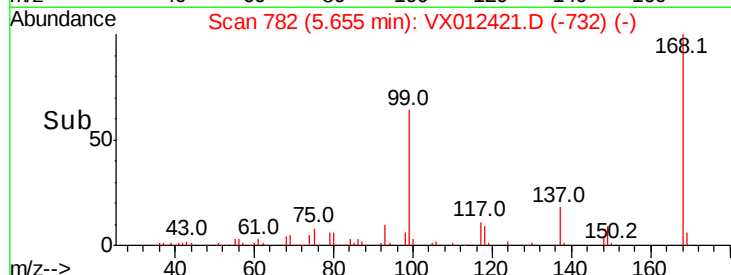
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 5.177 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012421.D

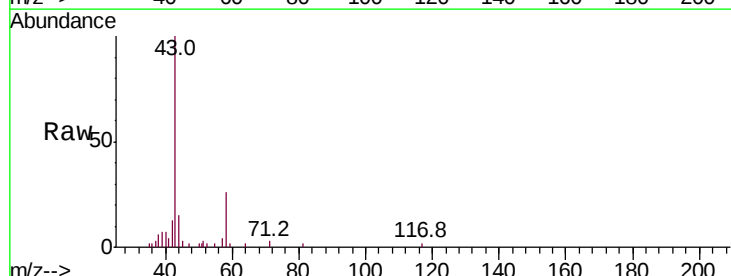
Acq: 16 Sep 2019 21:25

Tgt Ion: 43 Resp: 5629

Ion Ratio Lower Upper

43 100

58 23.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

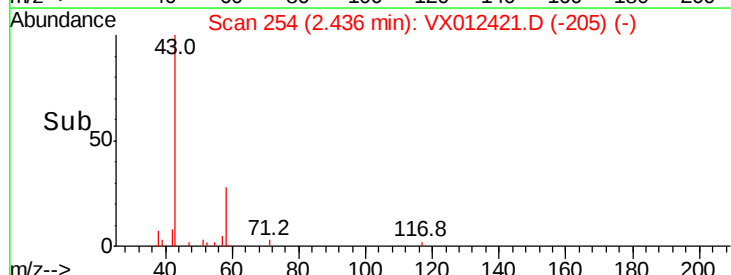
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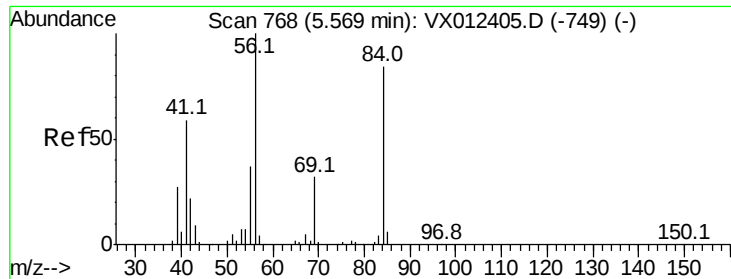
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Time-->





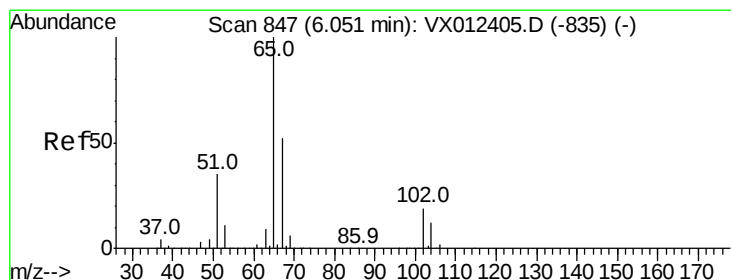
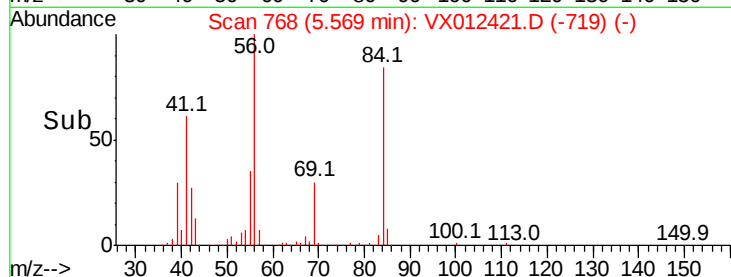
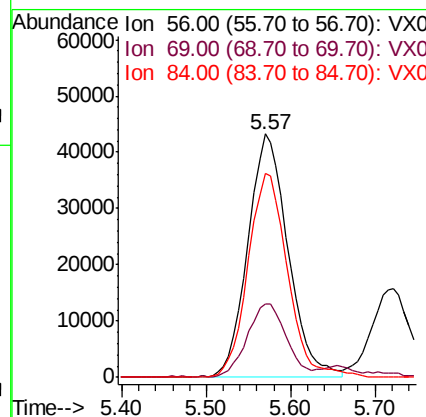
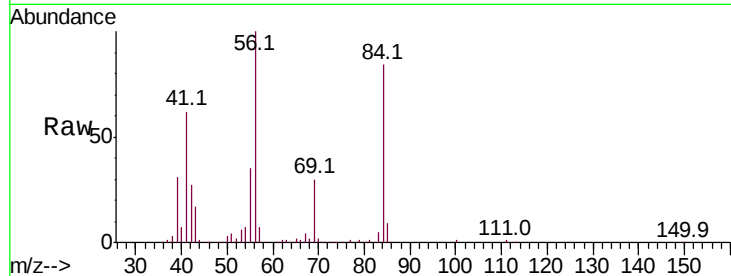
#31
Cyclohexane
Concen: 84.230 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
SB-0278

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.9	37.3
84	83.9	67.2	100.8

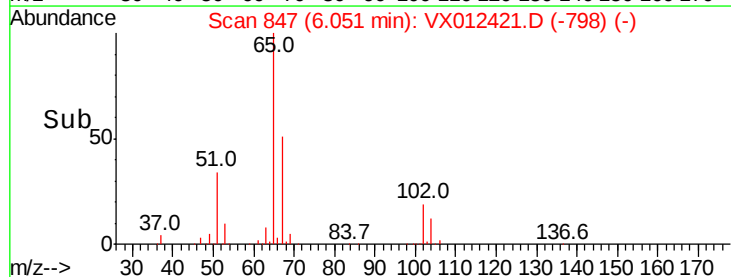
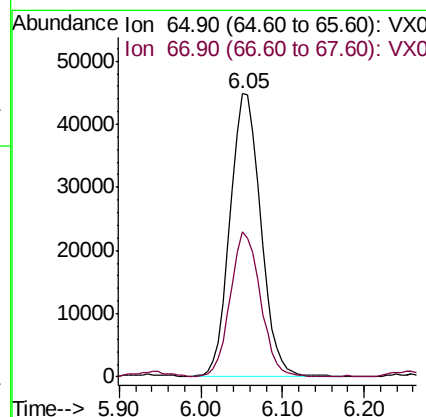
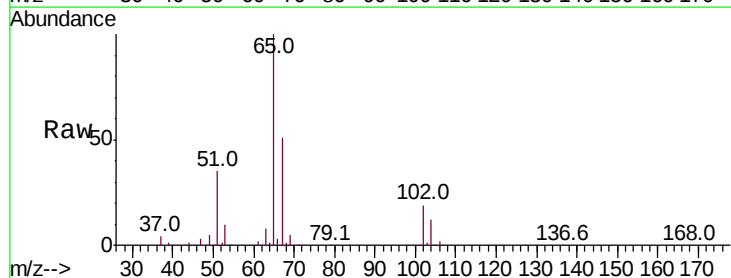
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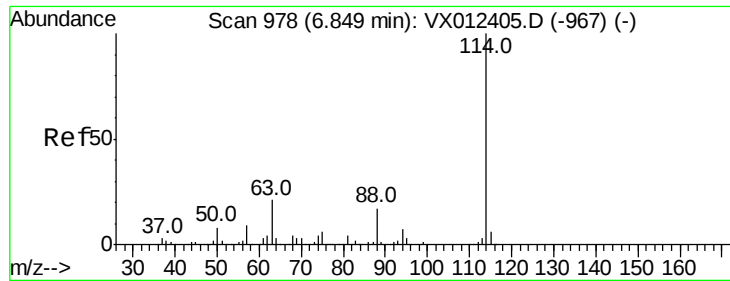
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#33
1,2-Dichloroethane-d4
Concen: 48.409 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012421.D

Acq: 16 Sep 2019 21:25

Instrument :

MSVOA_X

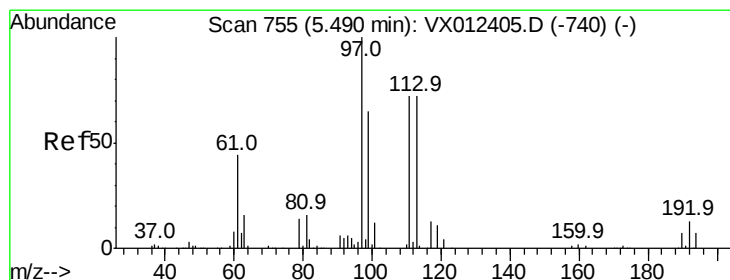
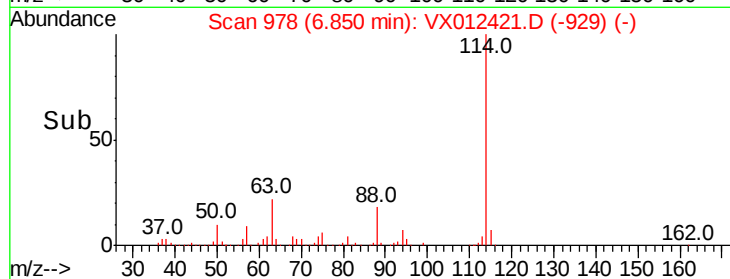
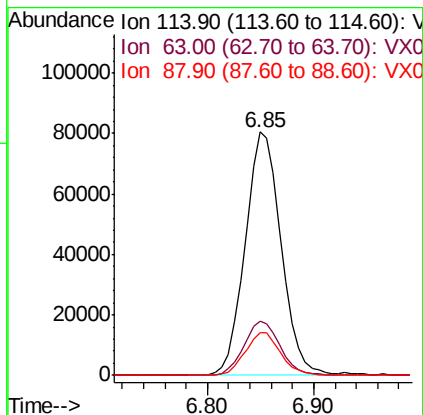
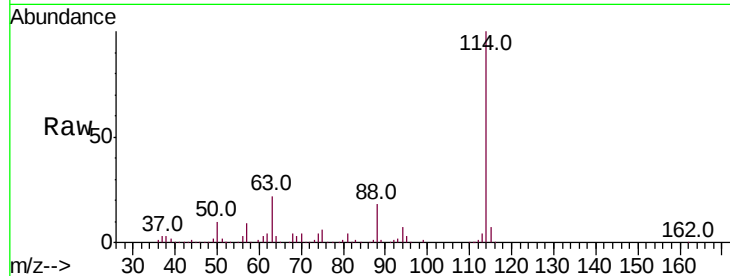
ClientSampled :

SB-0278

Tot Ion:	114	Resp:	191045
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	42.4
88	17.7	0.0	33.4

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#35

Dibromofluoromethane

Concen: 45.077 ug/l

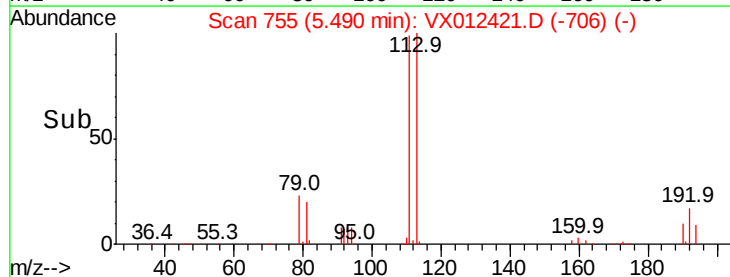
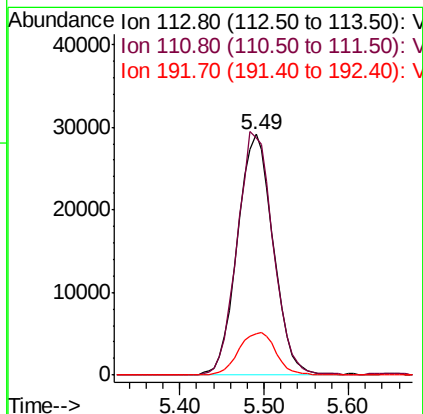
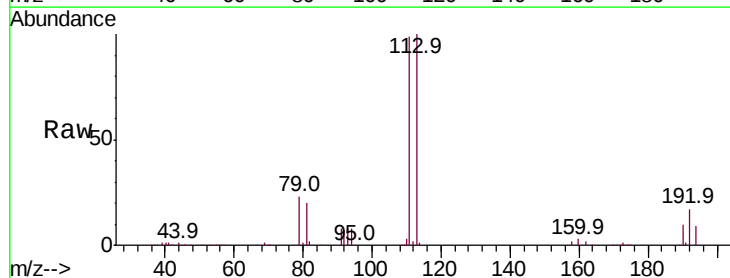
RT: 5.49 min Scan# 755

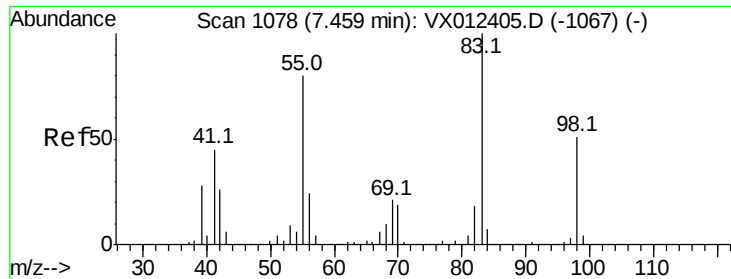
Delta R.T. 0.00 min

Lab File: VX012421.D

Acq: 16 Sep 2019 21:25

Tgt Ion:	113	Resp:	83421
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.8	122.6
192	18.5	15.0	22.4





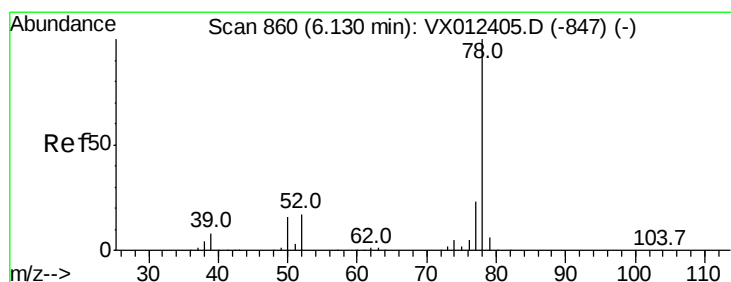
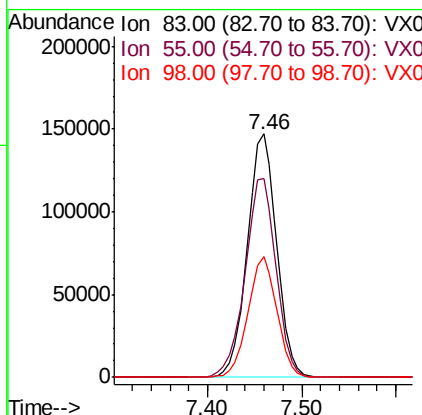
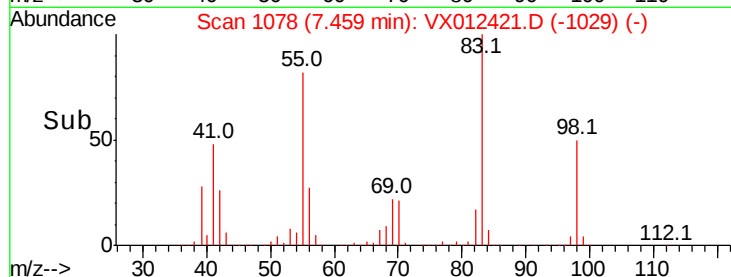
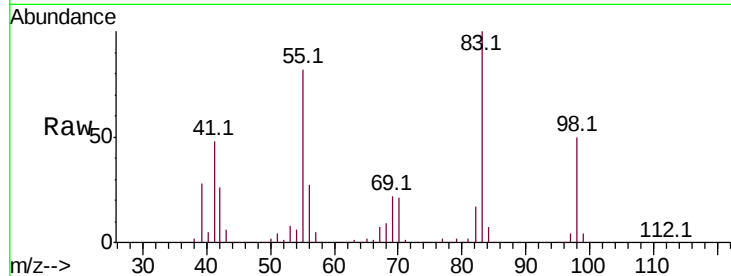
#39
Methvlcvclohexane
Concen: 189.648 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
SB-0278

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.7	63.8	95.6	
98	49.7	40.6	61.0	

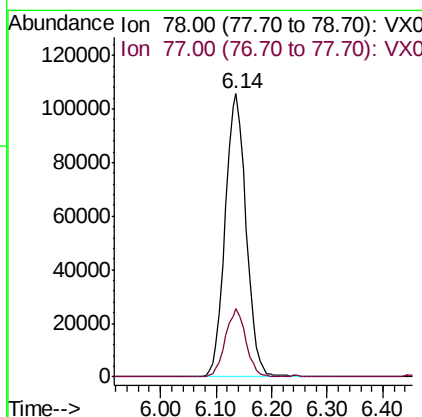
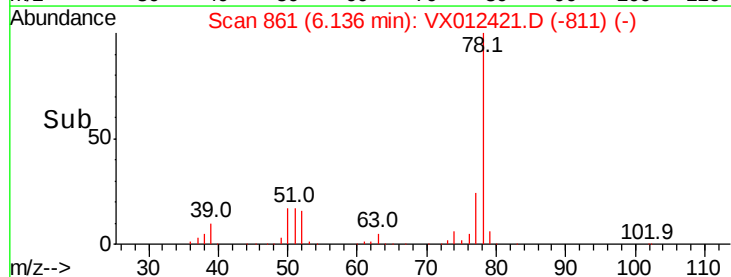
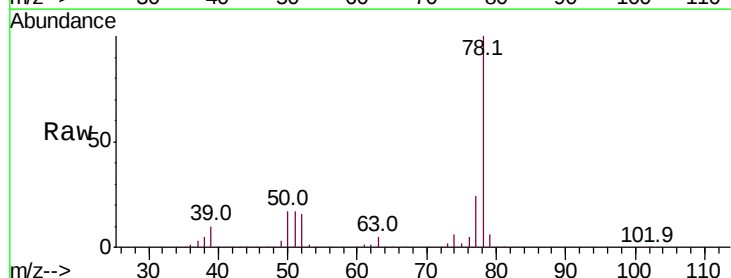
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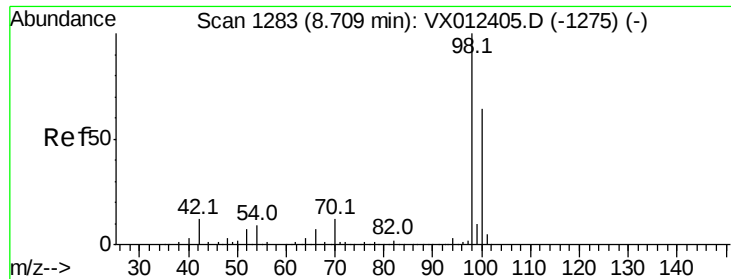
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#40
Benzene
Concen: 50.684 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.2	27.2	





#50

Toluene-d8

Concen: 47.083 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012421.D

Acq: 16 Sep 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

SB-0278

Tot Ion: 98 Resp: 309200

Ion Ratio Lower Upper

98 100

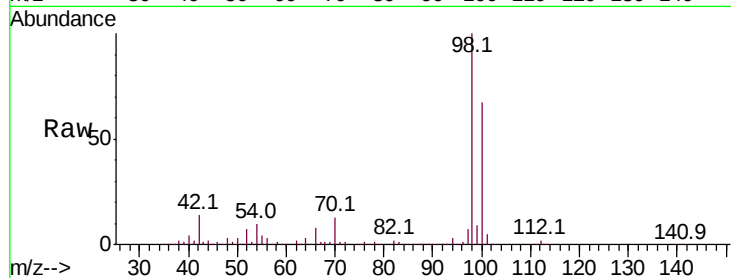
100 68.0 54.4 81.6

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

200000

150000

100000

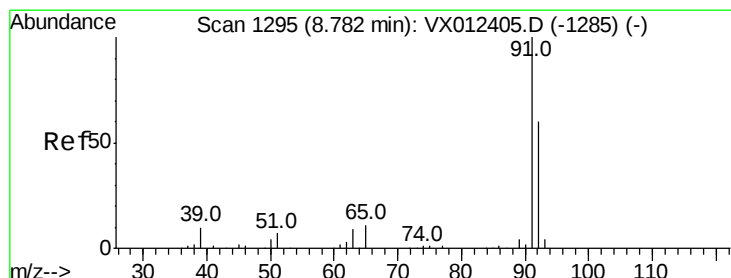
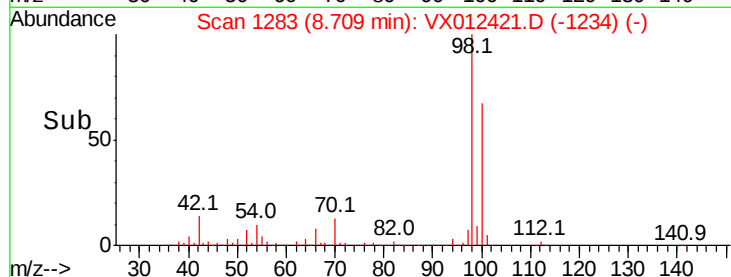
50000

0

8.65 8.70 8.75 8.80 8.85

8.71

Time-->



#52

Toluene

Concen: 0.447 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012421.D

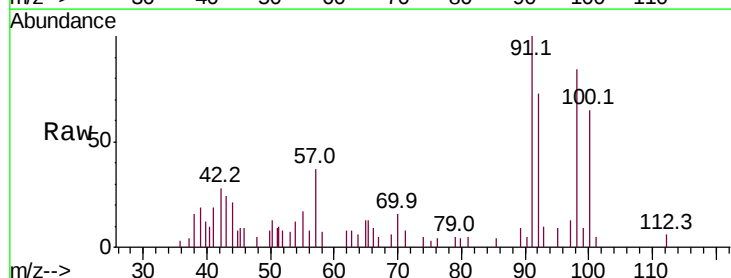
Acq: 16 Sep 2019 21:25

Tgt Ion: 92 Resp: 1583

Ion Ratio Lower Upper

92 100

91 162.9 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1500

1000

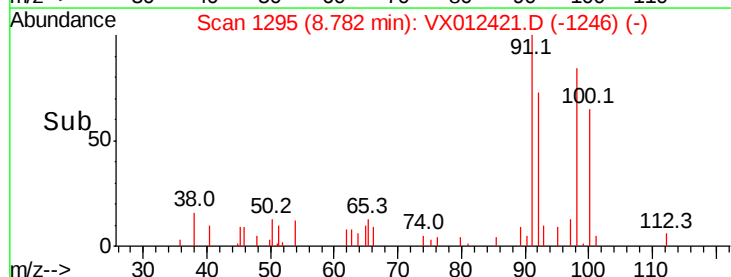
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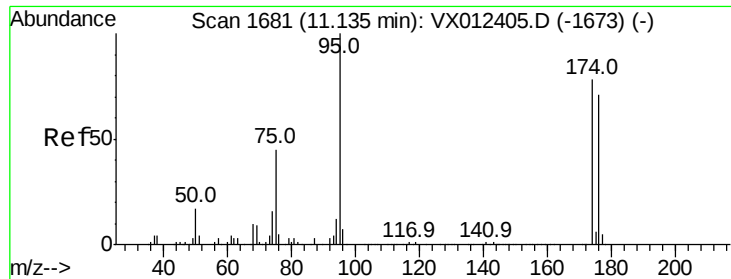
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8.75 8.80 8.85

8.78

Time-->





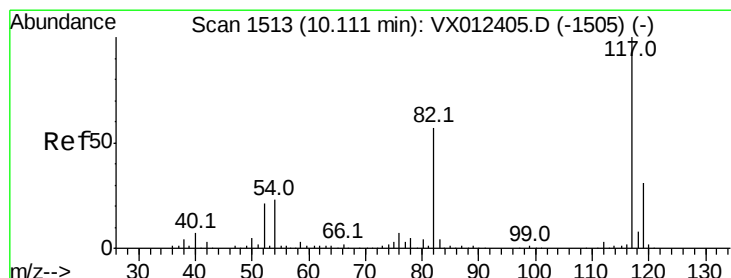
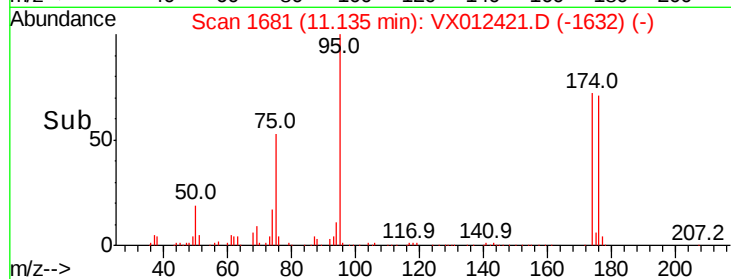
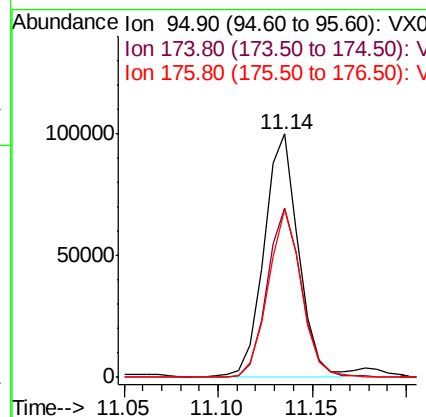
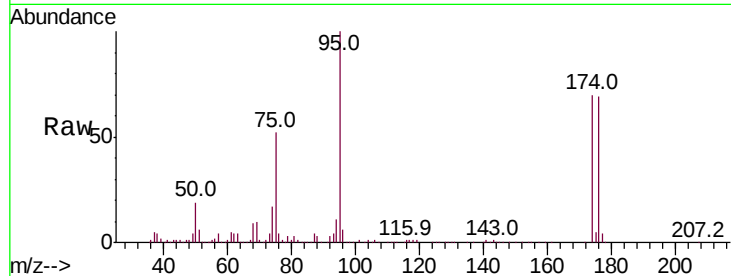
#62
4-Bromofluorobenzene
Concen: 45.641 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampled :
SB-0278

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126101		
174	69.5	0.0	146.0	
176	67.1	0.0	137.6	

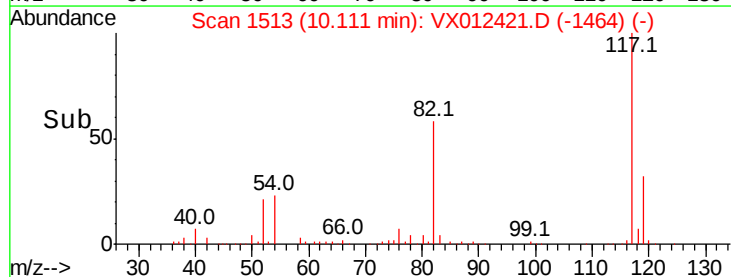
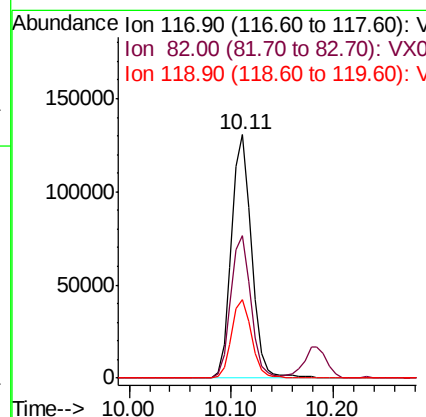
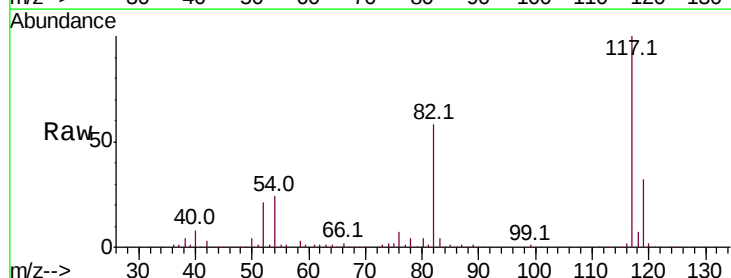
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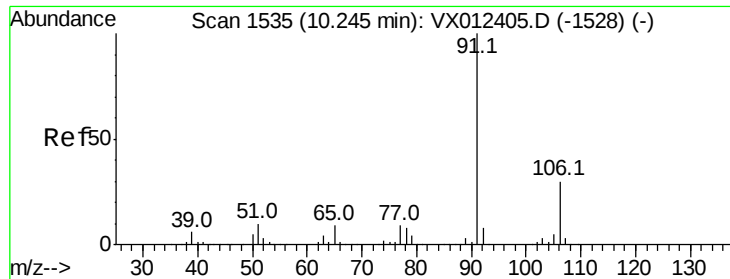
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178280		
82	58.2	45.8	68.6	
119	32.4	24.9	37.3	





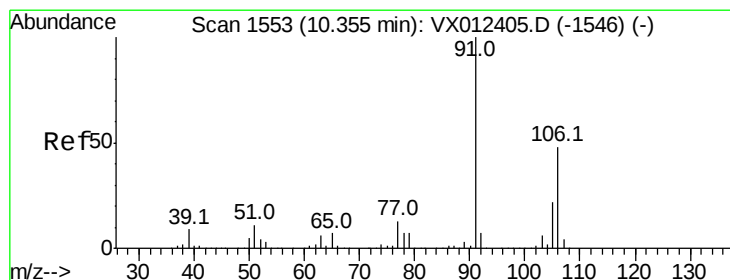
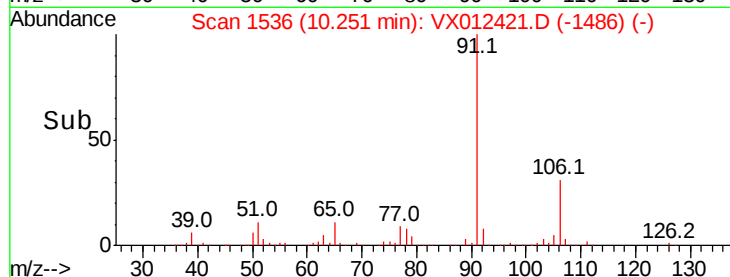
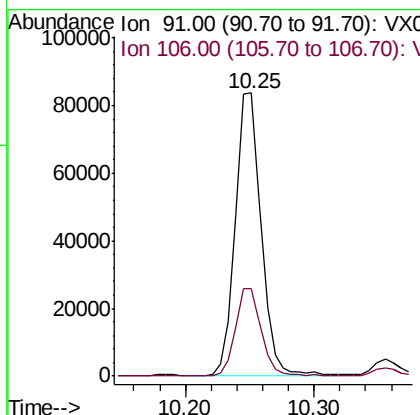
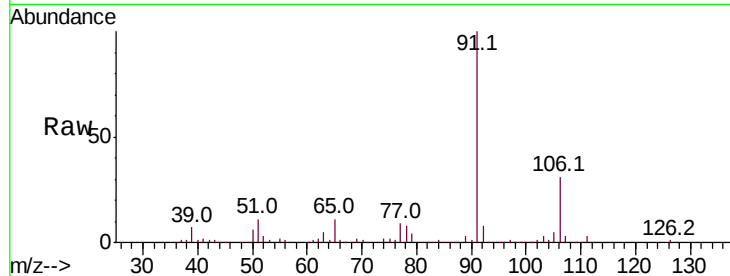
#67
Ethyl Benzene
Concen: 16.539 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
SB-0278

Tot Ion: 91 Resp: 117486
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

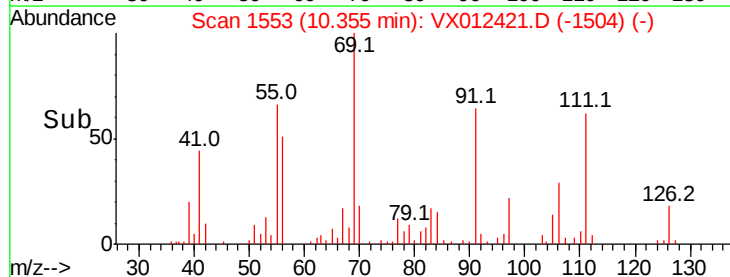
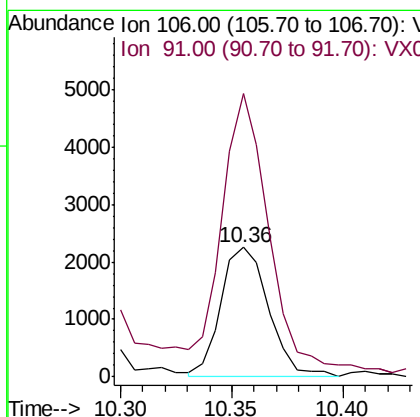
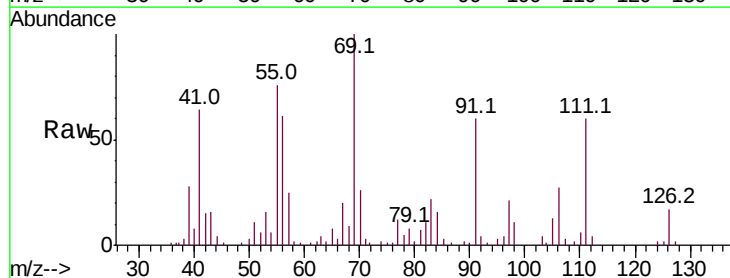
Manual Integrations
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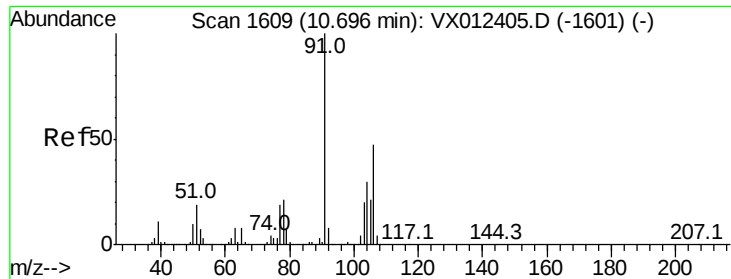
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#68
m/p-Xylenes
Concen: 1.285 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion: 106 Resp: 3369
Ion Ratio Lower Upper
106 100
91 214.3 167.4 251.0





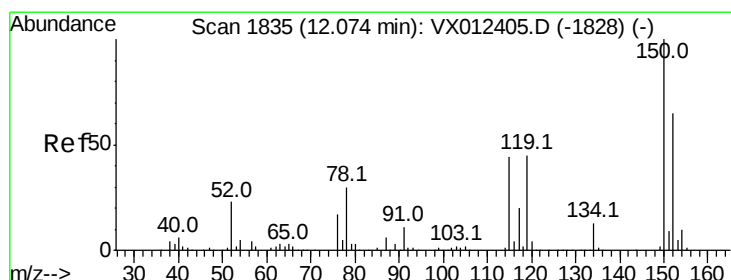
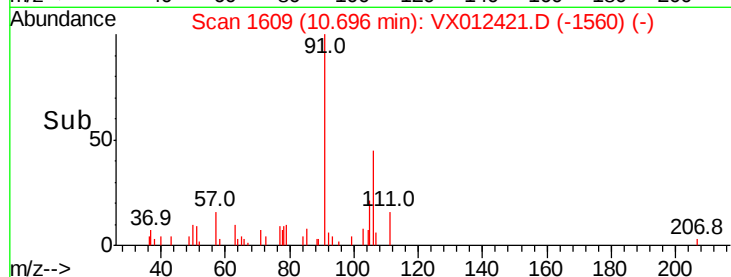
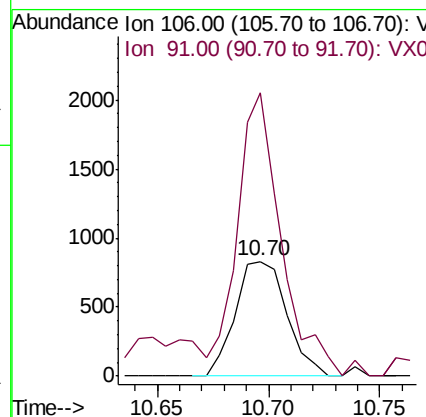
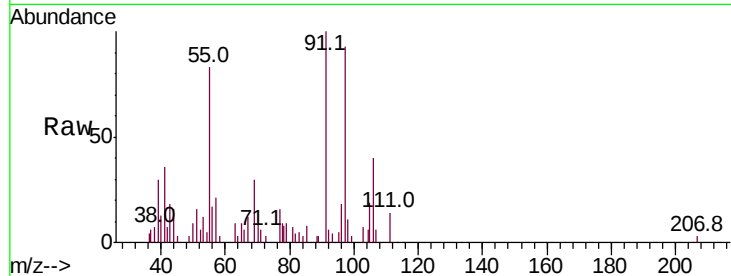
#69
o-Xylene
Concen: 0.492 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
Client Sampled :
SB-0278

Tot Ion:106 Resp: 1337
Ion Ratio Lower Upper
106 100
91 213.2 107.8 323.6

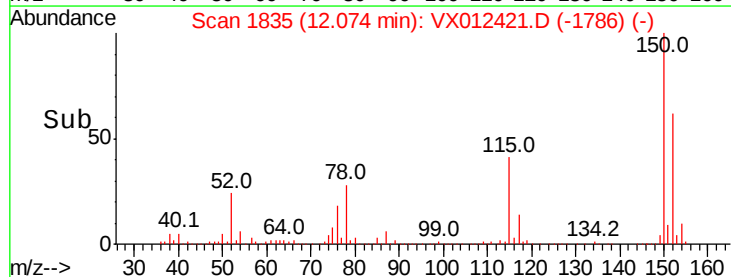
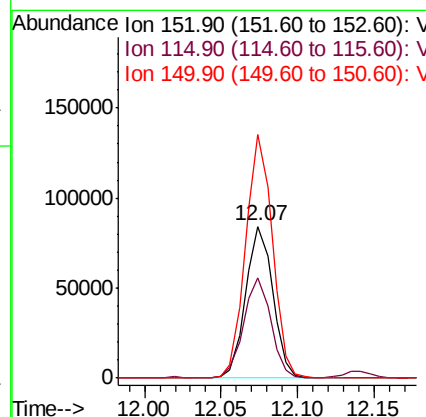
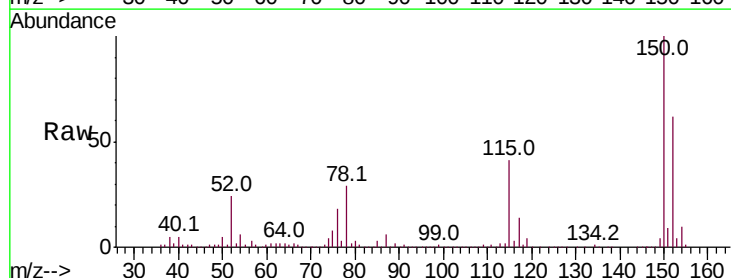
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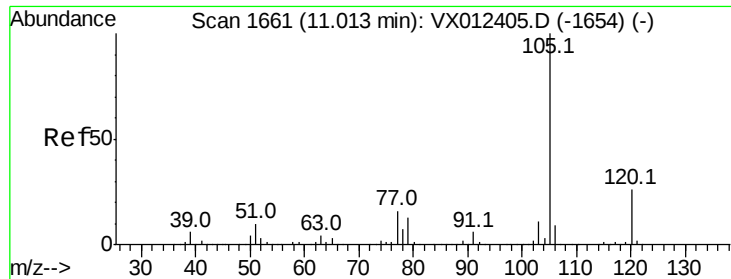
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion:152 Resp: 103832
Ion Ratio Lower Upper
152 100
115 66.3 45.3 135.9
150 158.2 0.0 354.0





#73

Isopropylbenzene

Concen: 3.564 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012421.D

Acq: 16 Sep 2019 21:25

Instrument :

MSVOA_X

ClientSampleId :

SB-0278

Tot Ion:105 Resp: 25709

Ion Ratio Lower Upper

105 100

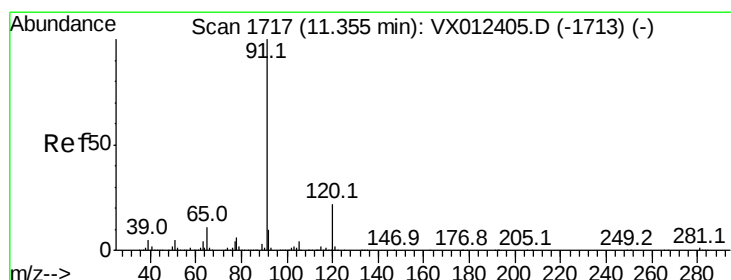
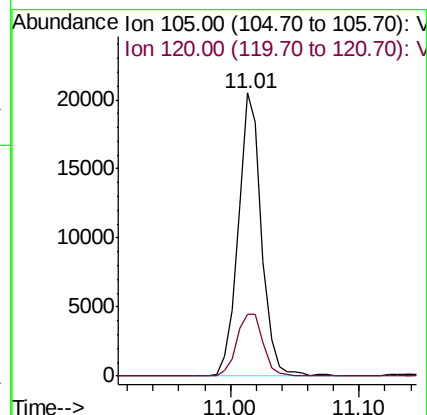
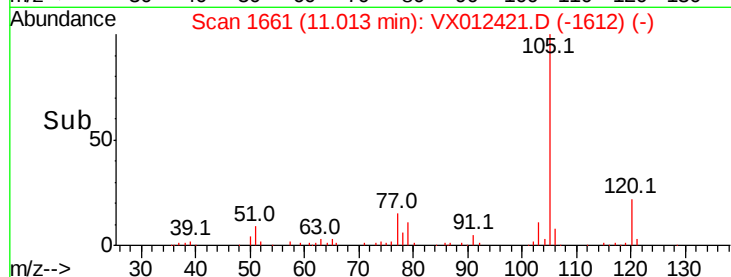
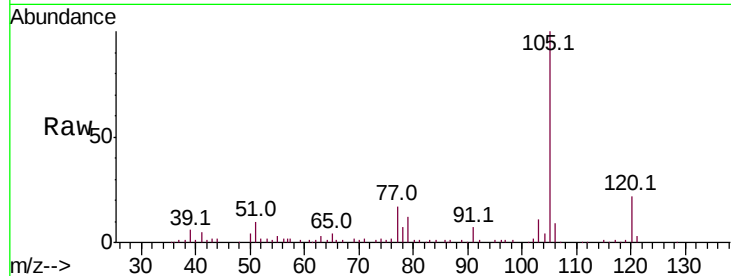
120 25.2 13.2 39.6

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#78

n-propylbenzene

Concen: 3.387 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012421.D

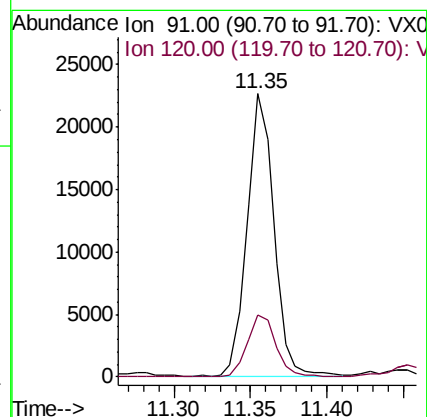
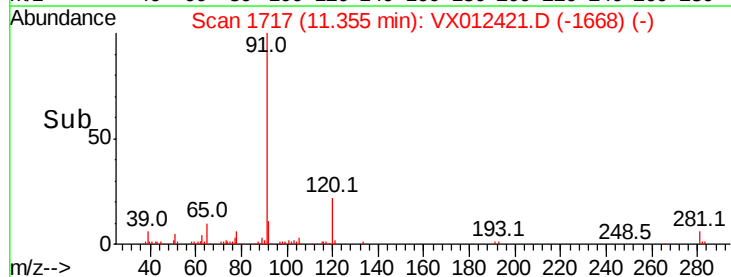
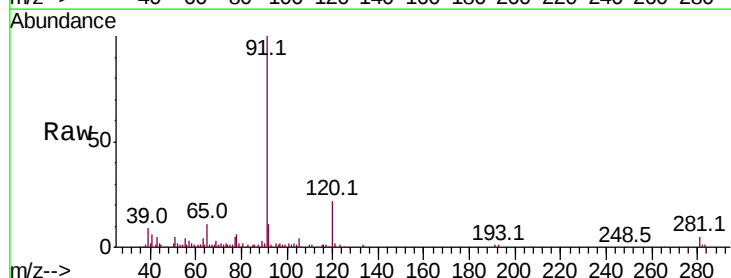
Acq: 16 Sep 2019 21:25

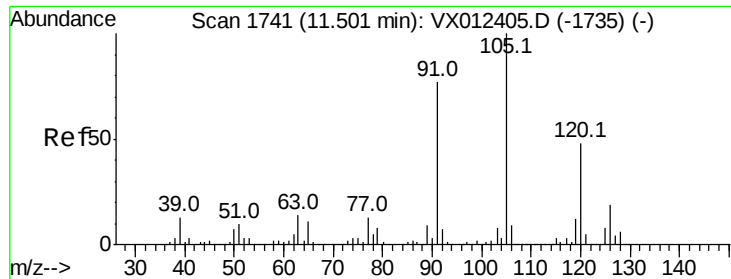
Tgt Ion: 91 Resp: 27616

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





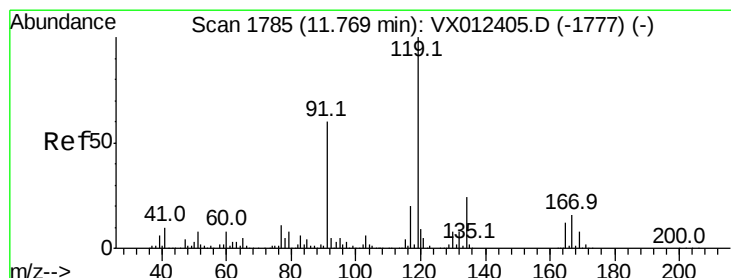
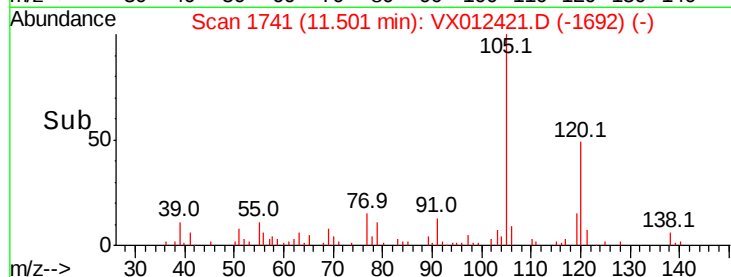
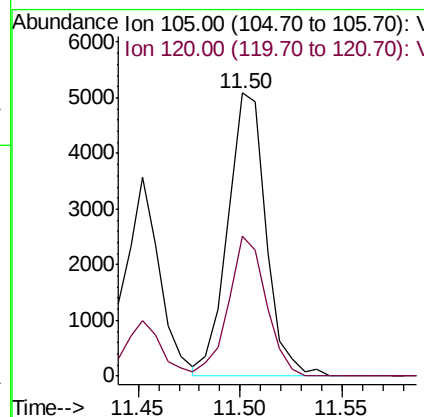
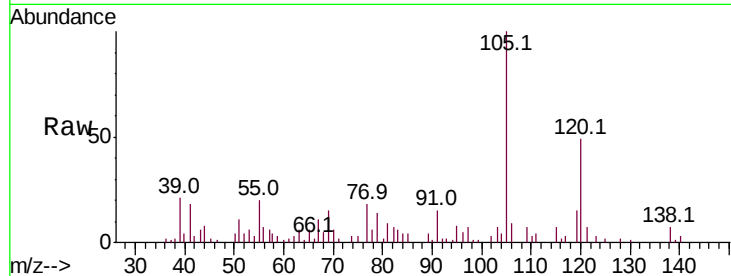
#80
 1,3,5-Trimethylbenzene
 Concen: 1.047 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012421.D
 Acq: 16 Sep 2019 21:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-0278

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.3	72.9

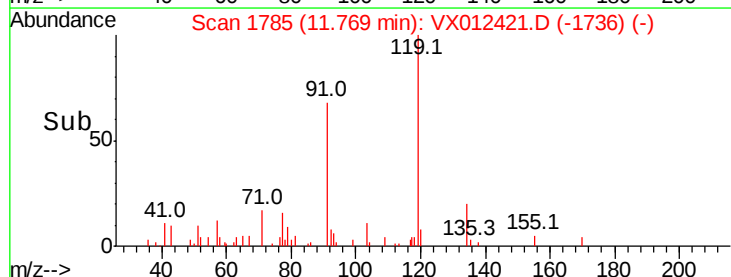
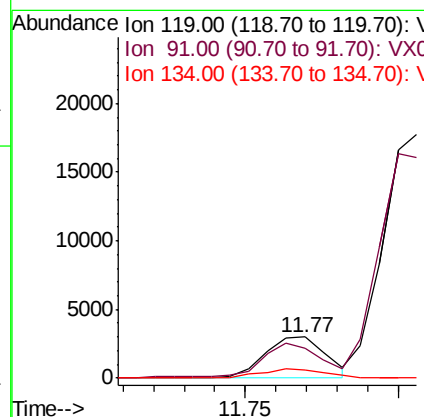
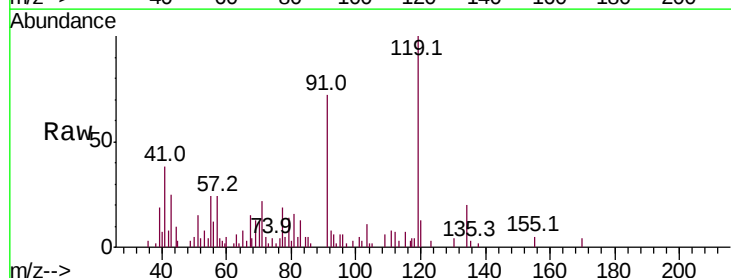
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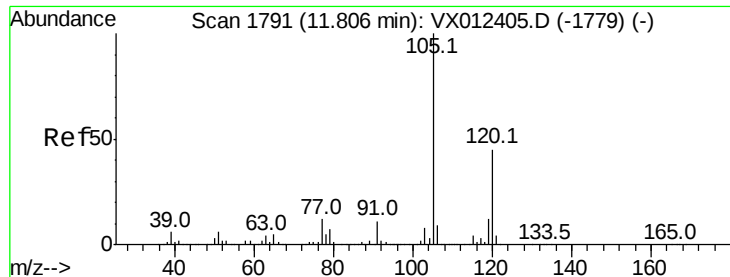
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#83
 tert-Butylbenzene
 Concen: 0.631 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012421.D
 Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Lower	Upper
119	100		
91	79.3	29.6	88.8
134	22.4	11.4	34.1





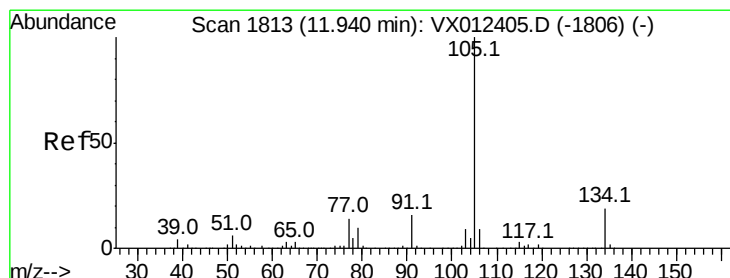
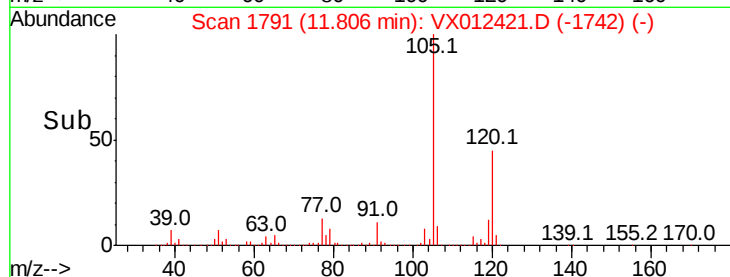
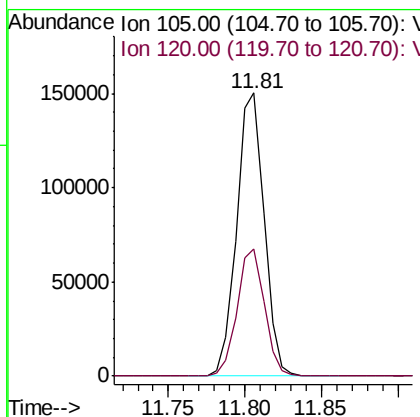
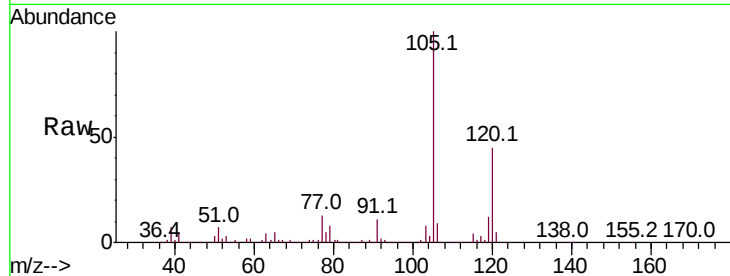
#84
 1,2,4-Trimethylbenzene
 Concen: 29.280 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012421.D
 Acq: 16 Sep 2019 21:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-0278

Tot Ion	Ratio	Resp	Lower	Upper
105	100	186624		
120	45.1		22.1	66.5

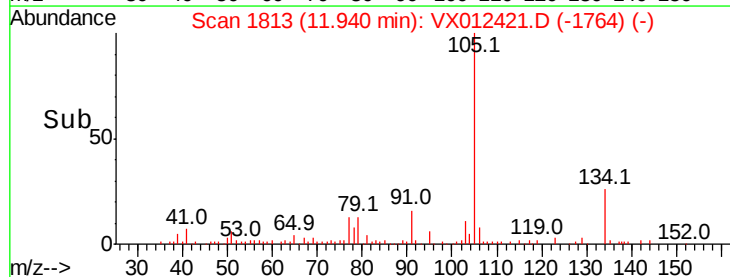
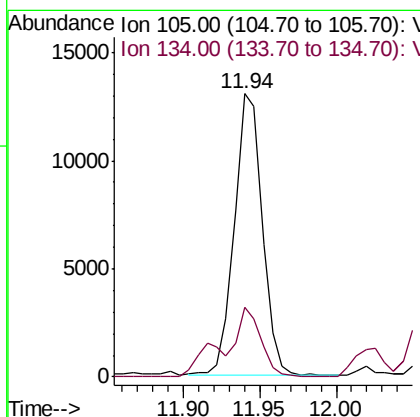
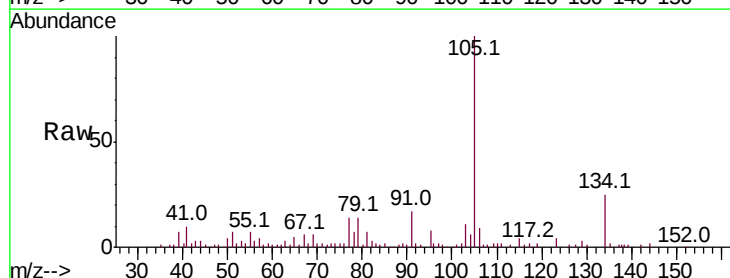
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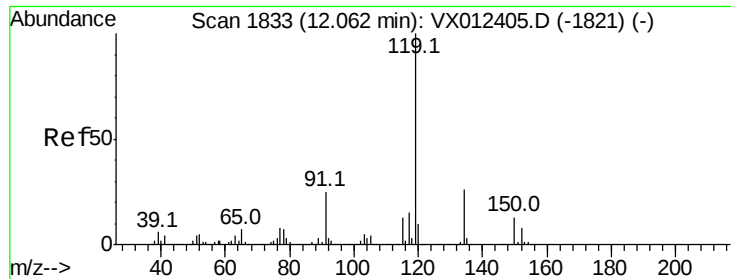
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#85
 sec-Butylbenzene
 Concen: 2.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012421.D
 Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16507		
134	21.2		10.1	30.1





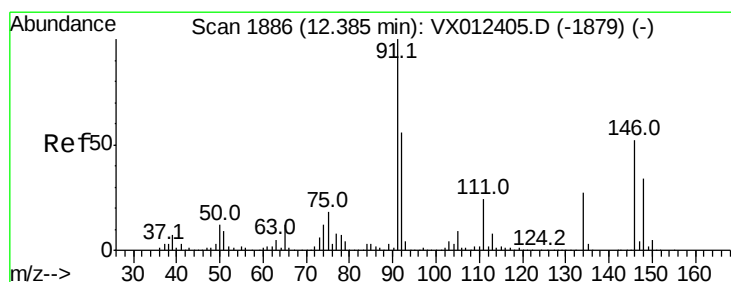
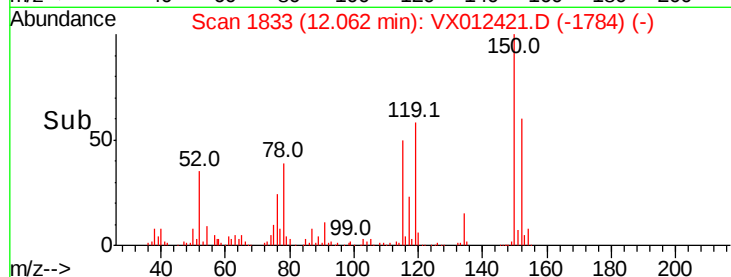
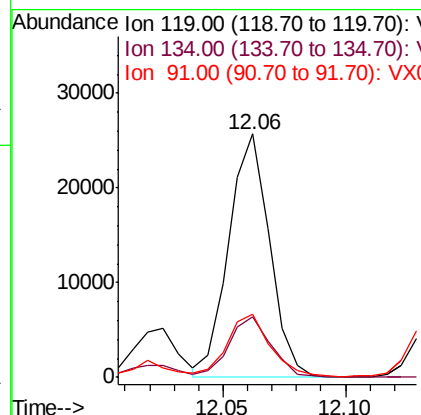
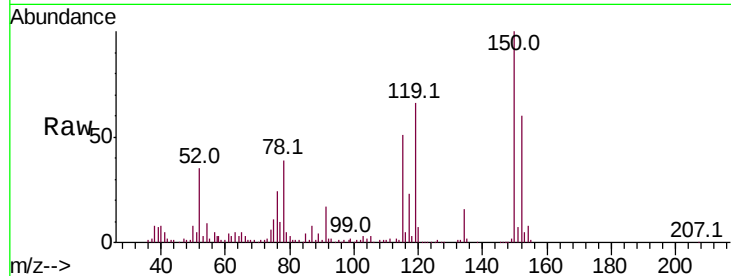
#86
p-Isopropyltoluene
Concen: 4.424 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
SB-0278

Tot Ion	Ratio	Resp	Lower	Upper
119	100	29859		
134	25.6		12.9	38.6
91	26.8		12.9	38.6

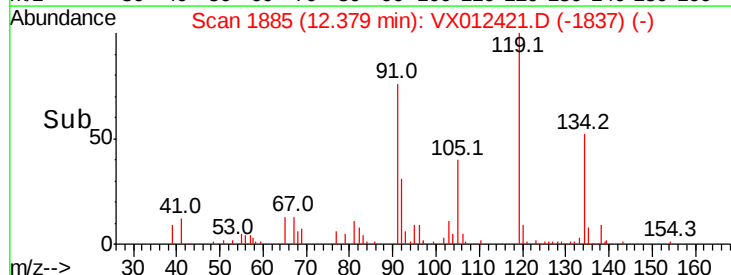
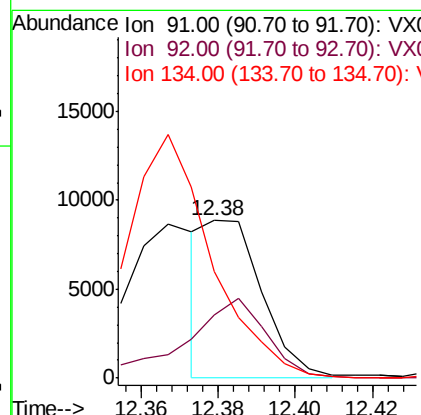
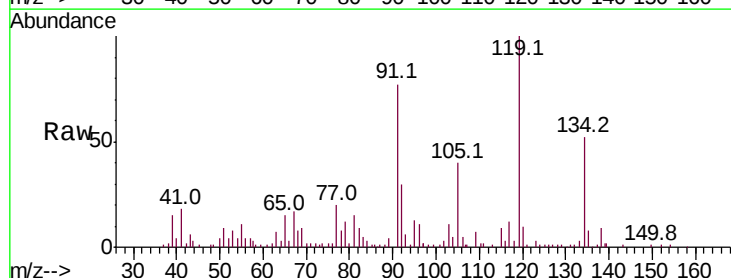
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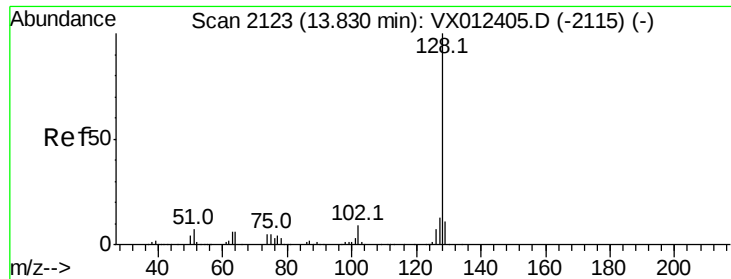
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#89
n-Butylbenzene
Concen: 1.532 ug/l m
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	9131		
92	71.7		27.5	82.4
134	228.2		13.2	39.6#





#95
Naphthalene
Concen: 6.850 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012421.D
Acq: 16 Sep 2019 21:25

Instrument :
MSVOA_X
ClientSampleId :
SB-0278

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	16.6	8.6	13.0

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