

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018435.D
 Acq On : 16 Sep 2020 12:45
 Operator : JC/SP
 Sample : L4008-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13703

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:08 AM

Quant Time: Sep 17 07:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	480828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	757365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	729196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	386558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	325644	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.48	113	250647	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.70	98	940276	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.12	95	378367	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	2131	0.345	ug/l #	57
11) Tert butyl alcohol	3.02	59	335516	258.510	ug/l	99
16) Acetone	2.42	43	3041920	1169.504	ug/l	100
17) Carbon Disulfide	2.55	76	5511	0.388	ug/l #	80
18) Methyl Acetate	2.75	43	10907	1.738	ug/l #	86
25) 2-Butanone	4.68	43	640831m	149.913	ug/l	
51) 4-Methyl-2-Pentanone	8.62	43	895833	110.669	ug/l	100
52) Toluene	8.77	92	1653597	127.047	ug/l	98
59) 2-Hexanone	9.48	43	22540	3.662	ug/l	98
67) Ethyl Benzene	10.24	91	351522	14.193	ug/l	98
68) m/p-Xylenes	10.34	106	706348	76.410	ug/l	97
69) o-Xylene	10.68	106	271620	30.311	ug/l	92
70) Styrene	10.70	104	105164	6.891	ug/l #	65
80) 1,3,5-Trimethylbenzene	11.49	105	5979	0.285	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	129130m	6.028	ug/l	
95) Naphthalene	13.82	128	8233	0.322	ug/l #	88

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

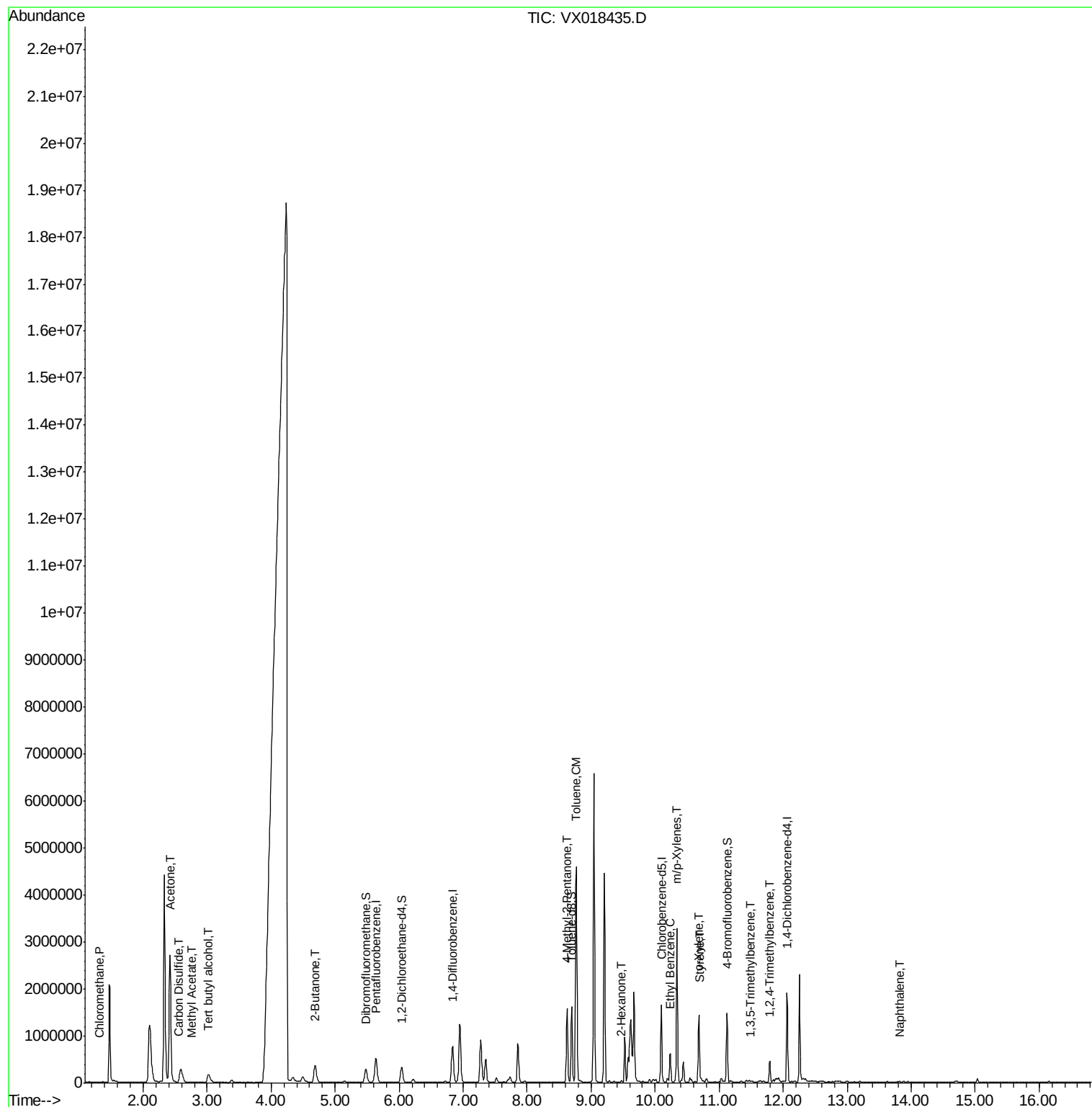
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018435.D
Acq On : 16 Sep 2020 12:45
Operator : JC/SP
Sample : L4008-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

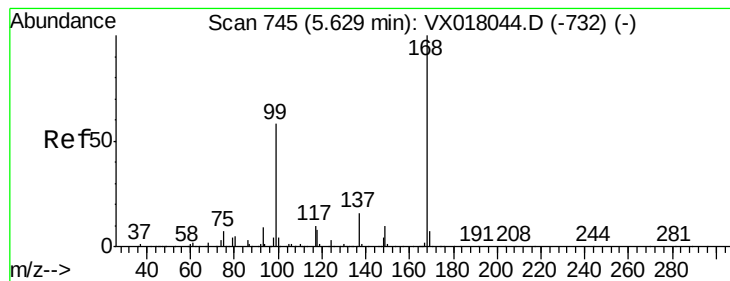
Instrument :
MSVOA_X
ClientSampleId :
13703

Manual Integrations
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Quant Time: Sep 17 07:51:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

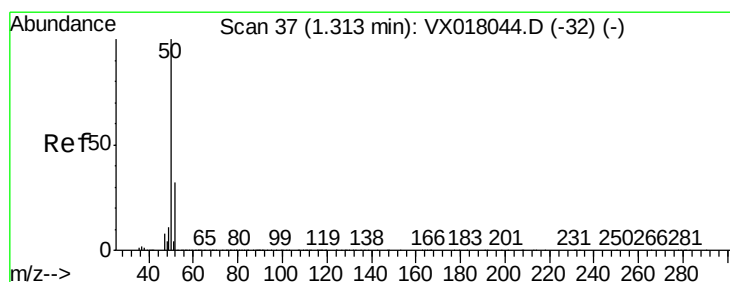
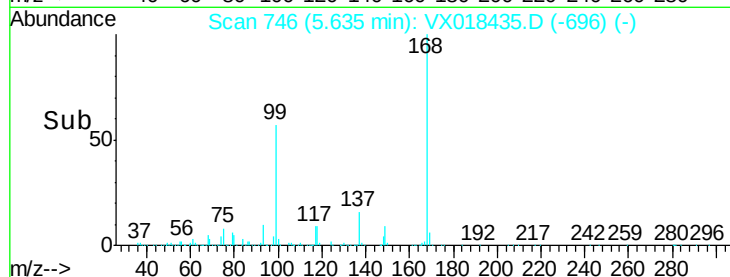
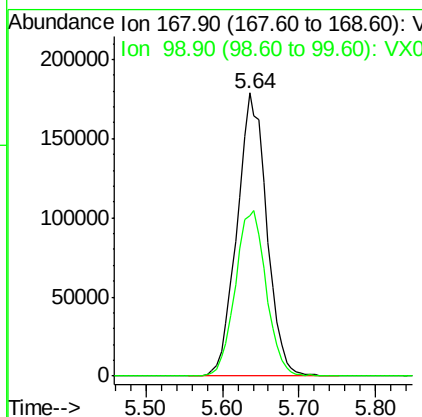
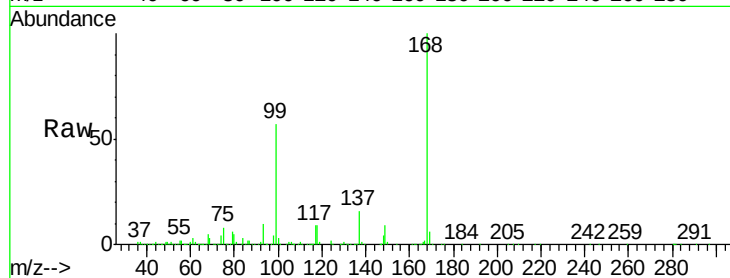
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018435.D
 Acq: 16 Sep 2020 12:45

Instrument :
 MSVOA_X
 ClientSampled :
 13703

Tot Ion	Ratio	Resp	Lower	Upper
168	100	480828		
99	56.5	46.3	69.5	

Manual Integrations
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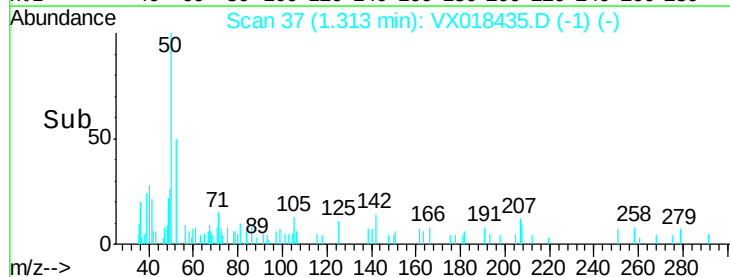
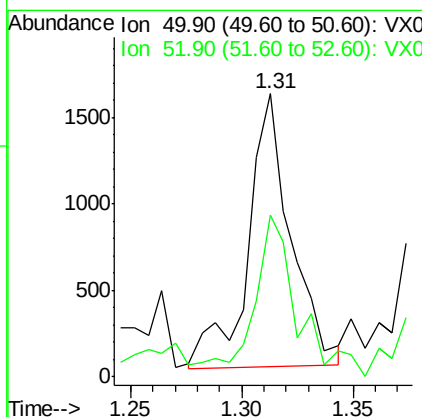
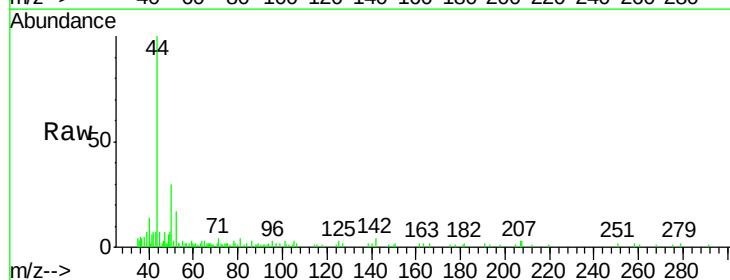
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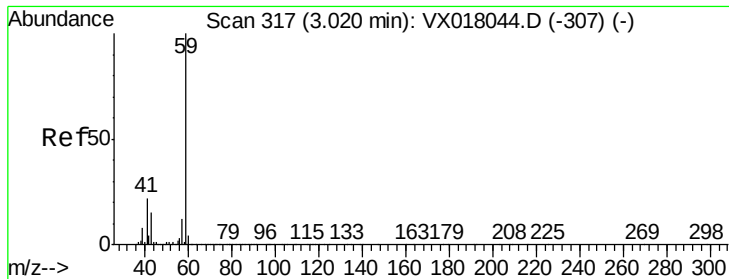


#3

Chloromethane
 Concen: 0.345 ug/l
 RT: 1.31 min Scan# 37
 Delta R.T. -0.00 min
 Lab File: VX018435.D
 Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
50	100	2131		
52	55.5	25.4	38.2	





#11

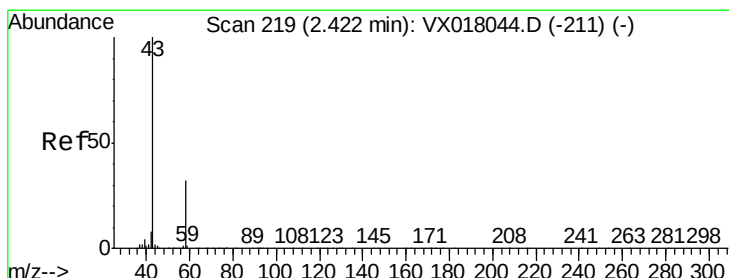
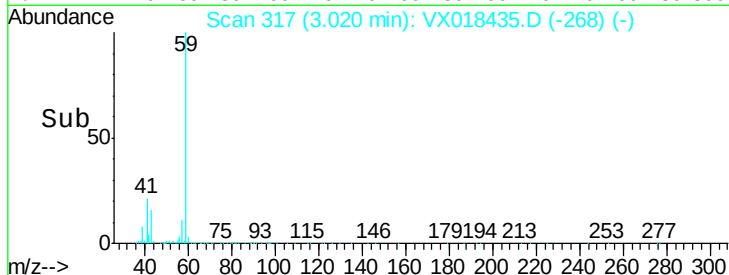
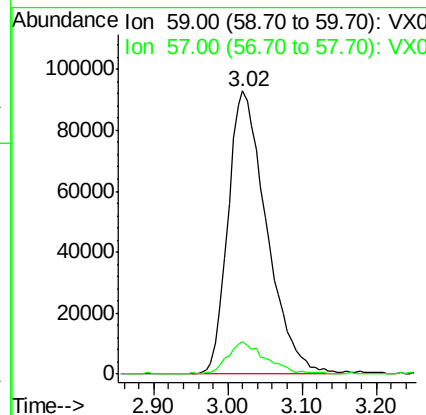
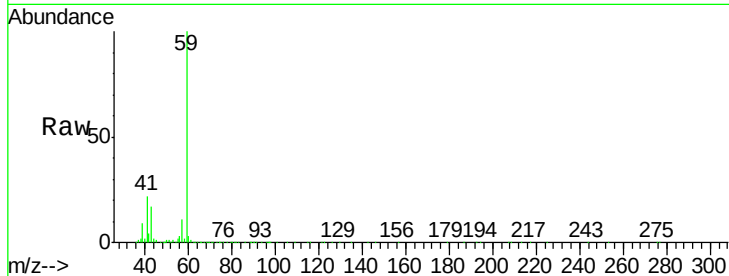
Tert butyl alcohol
Concen: 258.510 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampled :
13703

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

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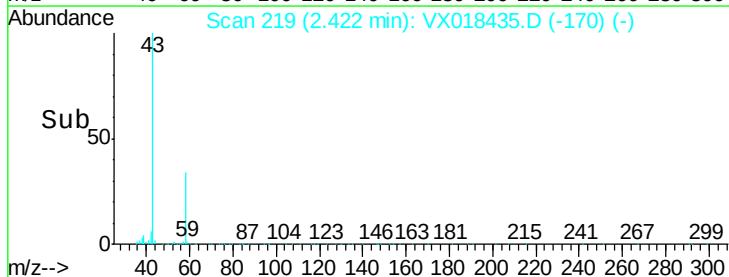
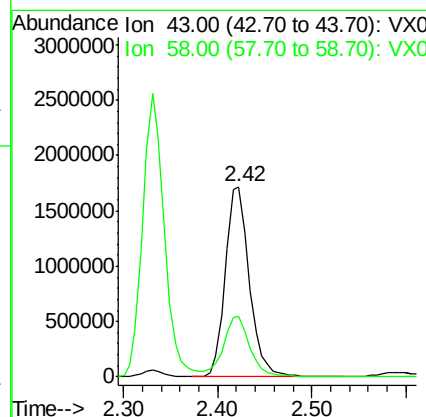
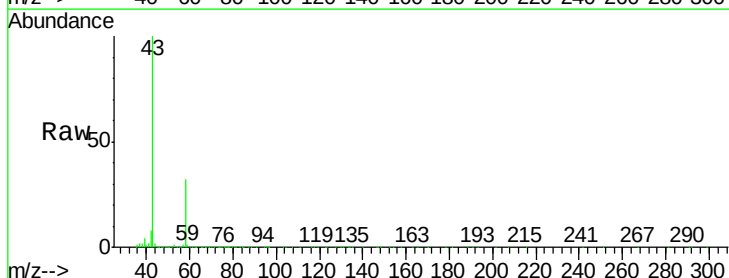
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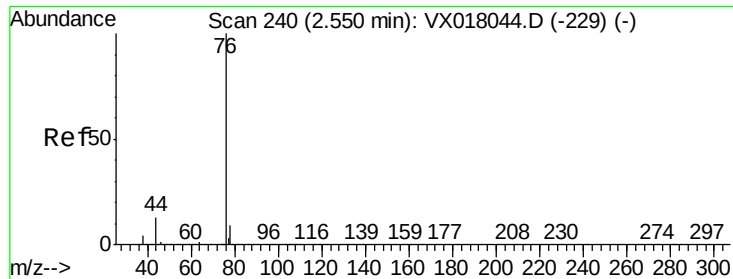


#16

Acetone
Concen: 1169.504 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.5	38.3





#17

Carbon Disulfide

Concen: 0.388 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018435.D

Acq: 16 Sep 2020 12:45

Instrument :

MSVOA_X

ClientSampled :

13703

Tot Ion: 76 Resp: 5511

Ion Ratio Lower Upper

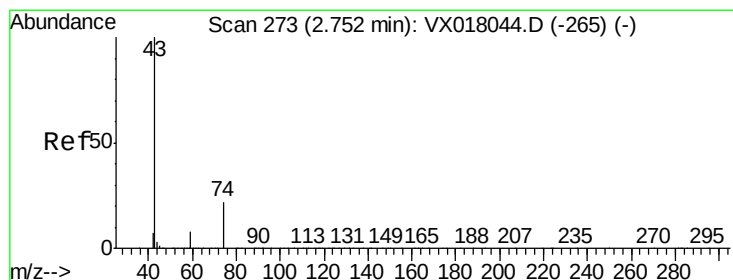
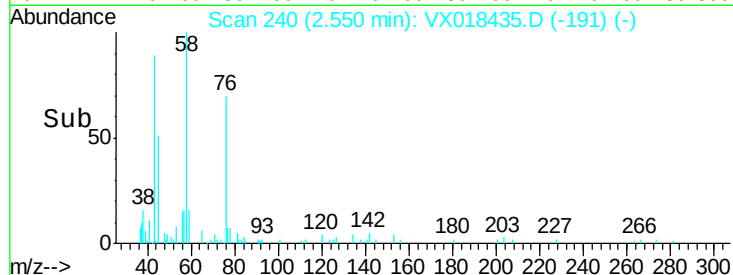
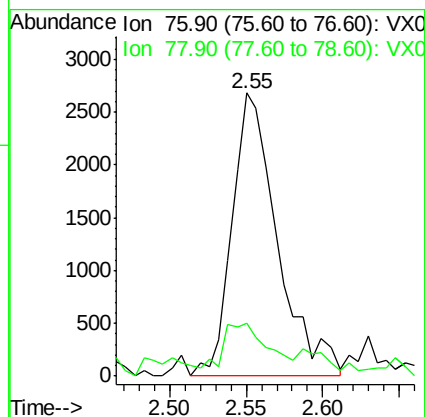
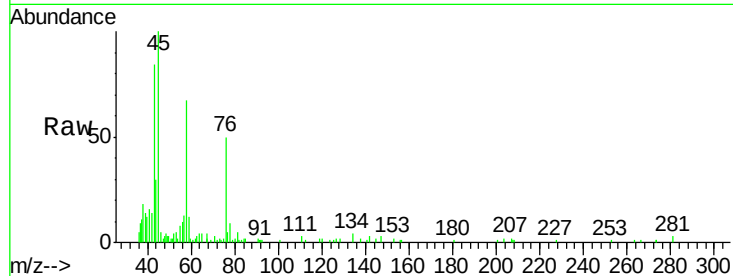
76 100

78 16.3 7.4 11.0#

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#18

Methyl Acetate

Concen: 1.738 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018435.D

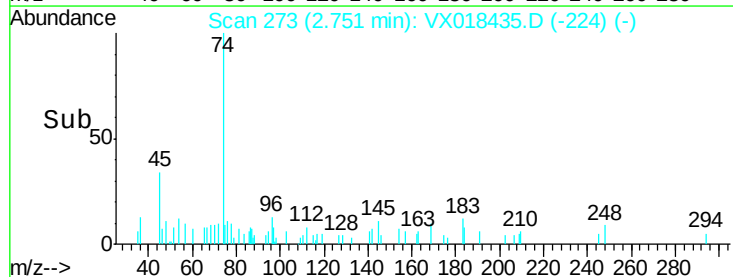
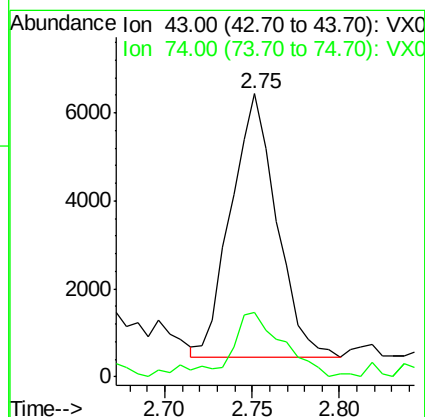
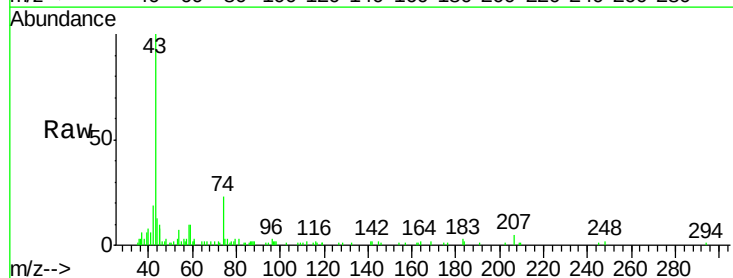
Acq: 16 Sep 2020 12:45

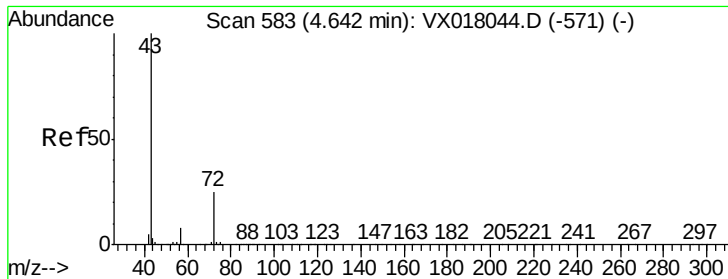
Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

43 100

74 29.3 18.2 27.4#





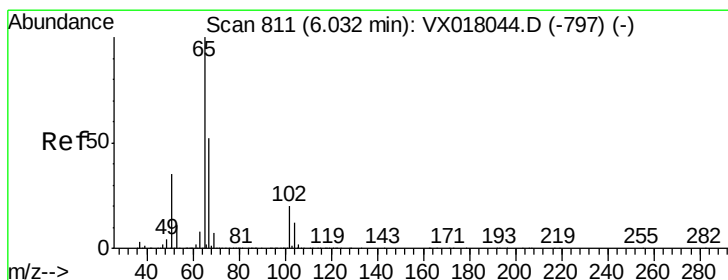
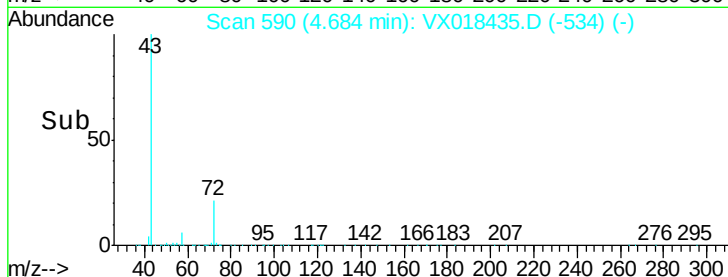
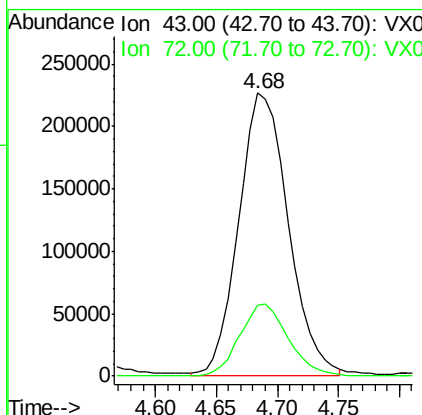
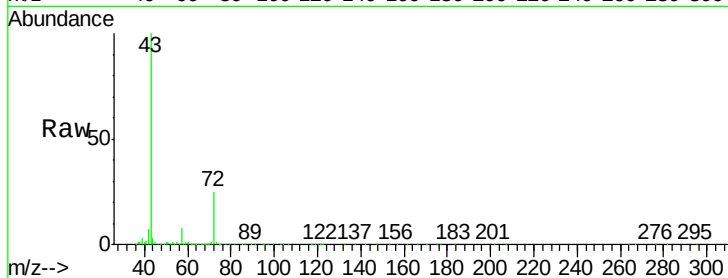
#25
2-Butanone
Concen: 149.913 ug/l m
RT: 4.68 min Scan# 590
Delta R.T. 0.04 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampled :
13703

Tot Ion	43	Resp	640831
Ion Ratio	100	Lower	Upper
43	100		
72	25.0	19.8	29.6

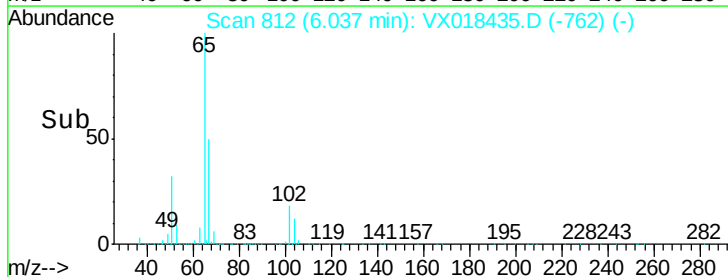
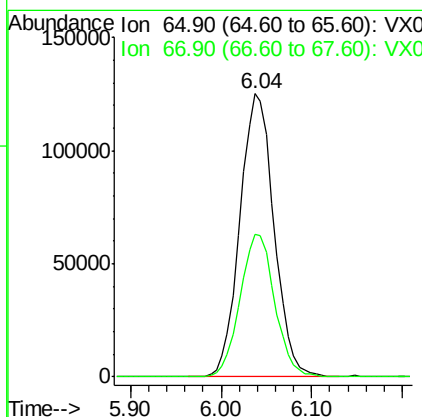
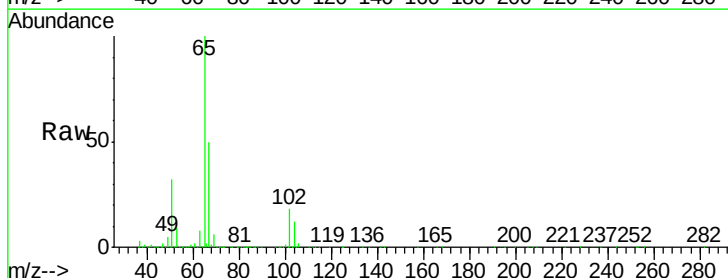
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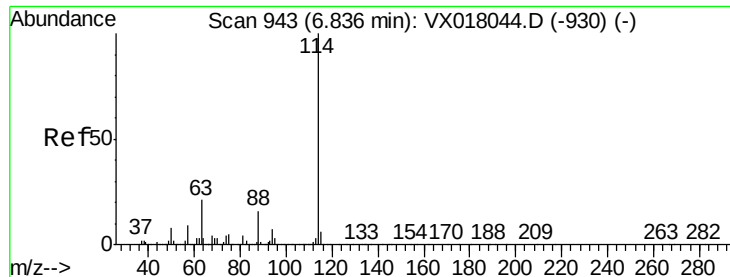
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#33
1,2-Dichloroethane-d4
Concen: 48.785 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion	65	Resp	325644
Ion Ratio	100	Lower	Upper
65	100		
67	51.3	0.0	105.8





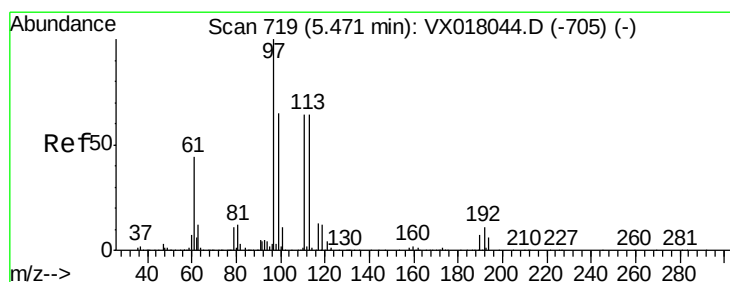
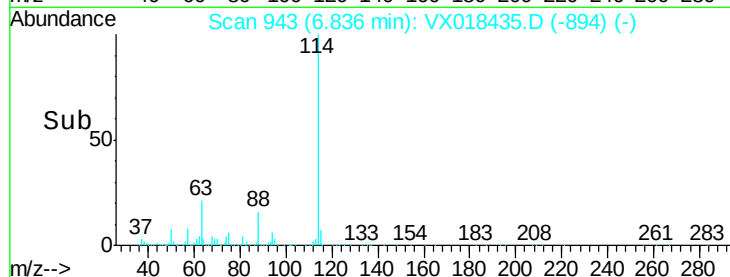
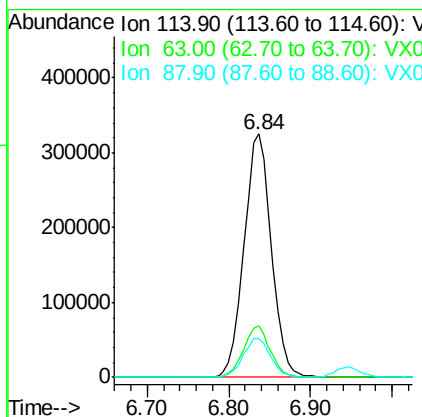
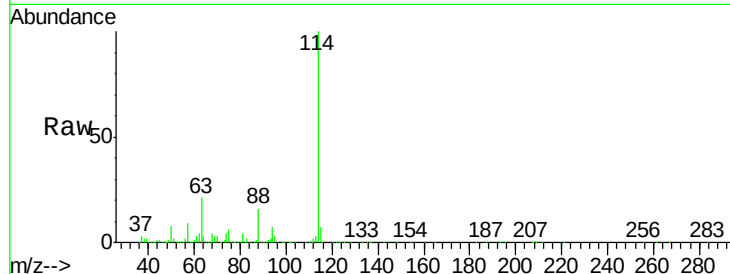
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampled :
13703

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.2	0.0	42.6
88	16.0	0.0	31.8

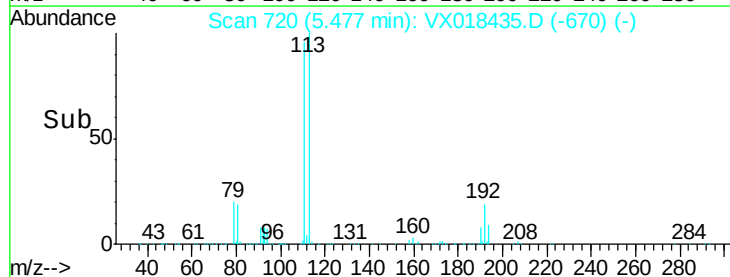
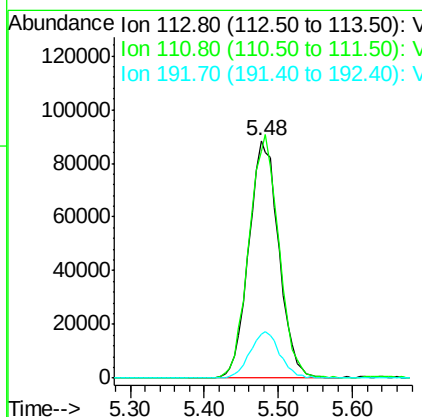
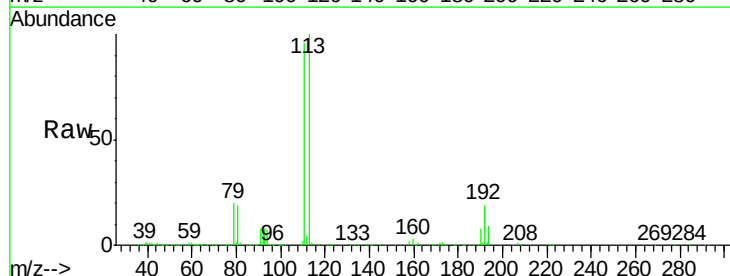
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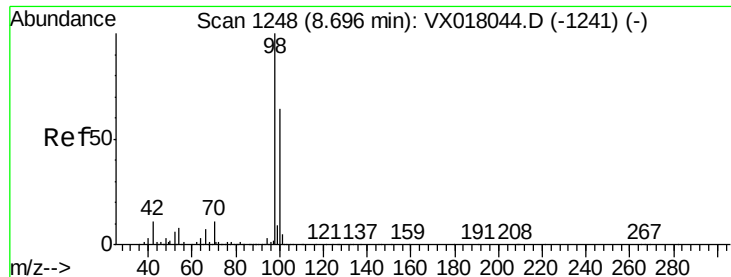
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#35
Dibromofluoromethane
Concen: 48.594 ug/l
RT: 5.48 min Scan# 720
Delta R.T. 0.01 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.0	81.6	122.4
192	19.7	15.8	23.8





#50

Toluene-d8

Concen: 48.944 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018435.D

Acq: 16 Sep 2020 12:45

Instrument :

MSVOA_X

ClientSampleId :

13703

Tot Ion: 98 Resp: 940276

Ion Ratio Lower Upper

98 100

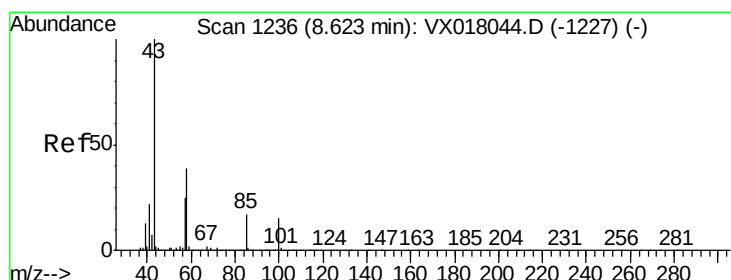
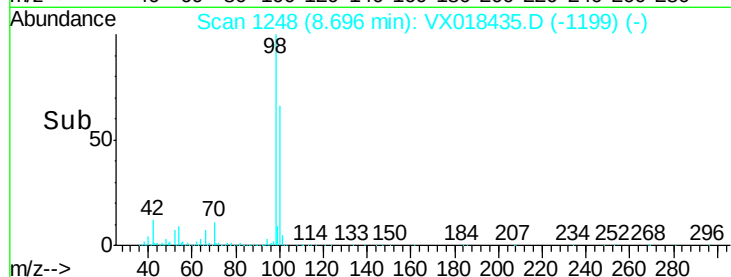
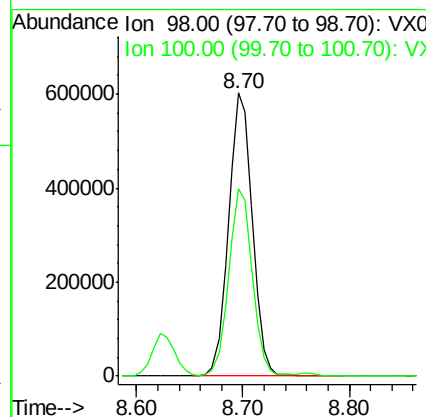
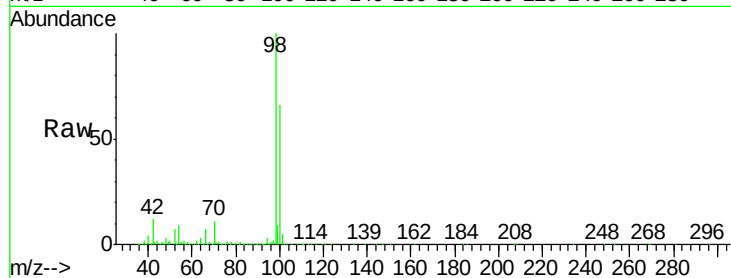
100 65.0 52.2 78.4

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#51

4-Methyl-2-Pentanone

Concen: 110.669 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018435.D

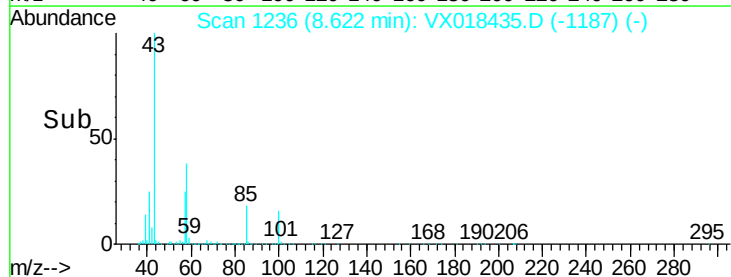
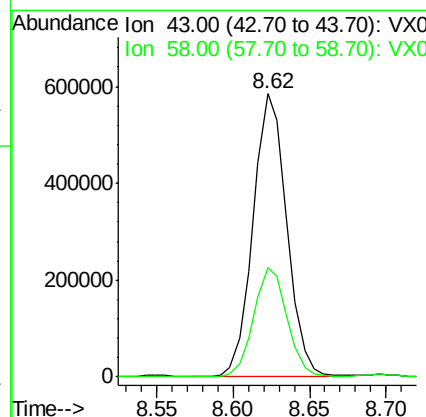
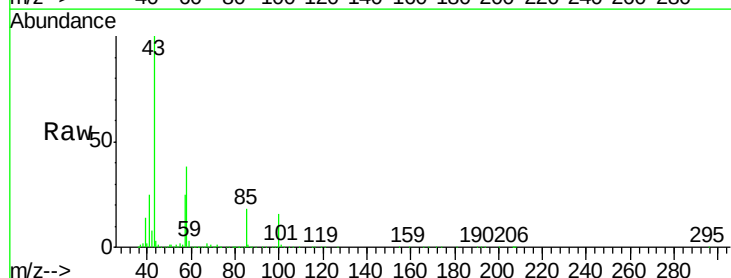
Acq: 16 Sep 2020 12:45

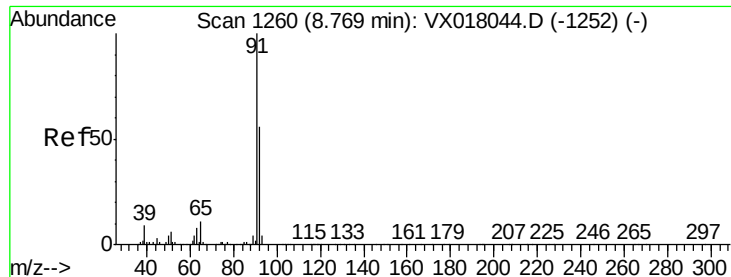
Tgt Ion: 43 Resp: 895833

Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1





#52

Toluene

Concen: 127.047 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018435.D

Acq: 16 Sep 2020 12:45

Instrument :

MSVOA_X

ClientSampled :

13703

Tot Ion: 92 Resp: 1653597

Ion Ratio Lower Upper

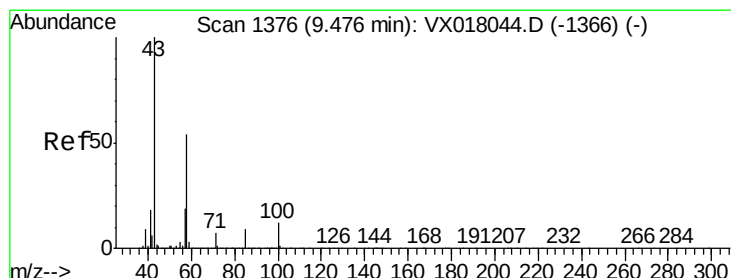
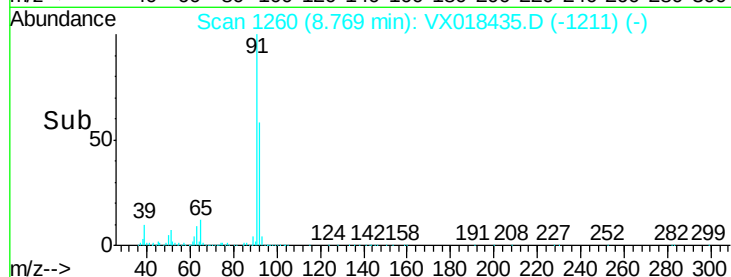
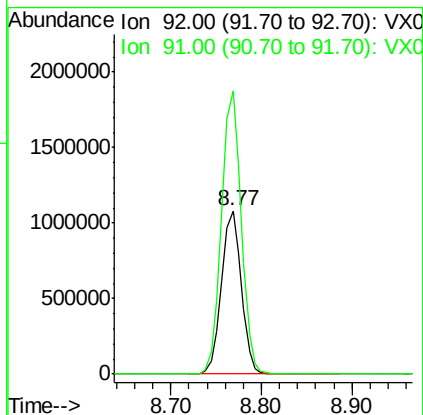
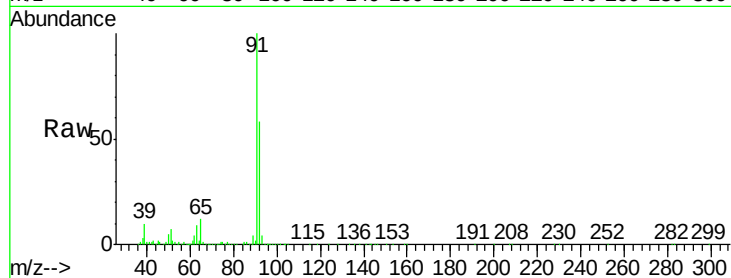
92 100

91 173.2 140.3 210.5

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#59

2-Hexanone

Concen: 3.662 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018435.D

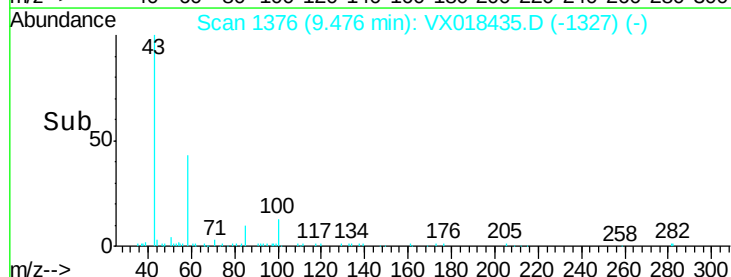
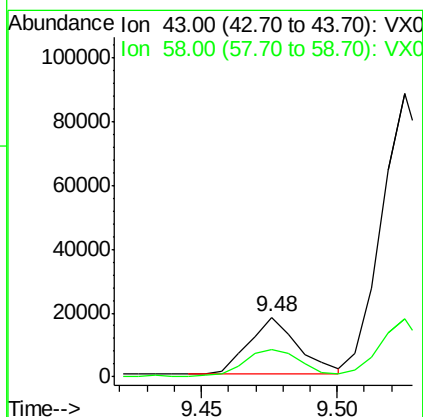
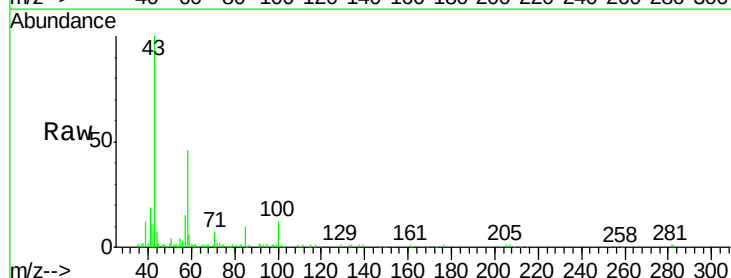
Acq: 16 Sep 2020 12:45

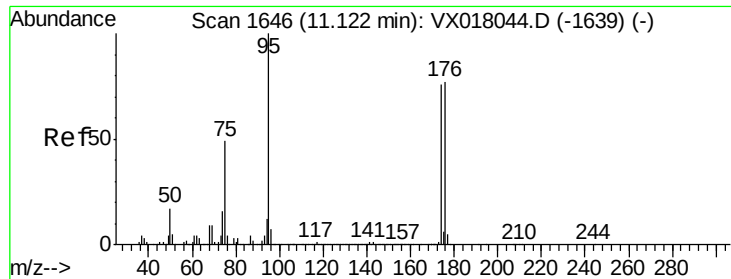
Tgt Ion: 43 Resp: 22540

Ion Ratio Lower Upper

43 100

58 54.5 26.6 79.7





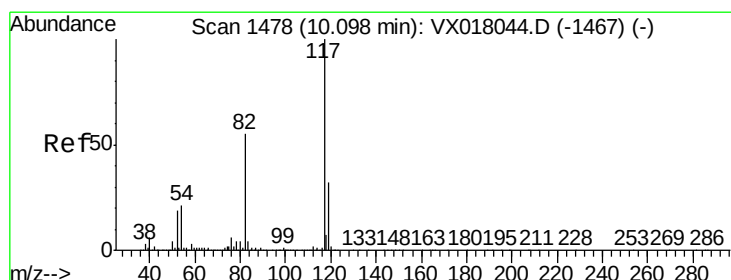
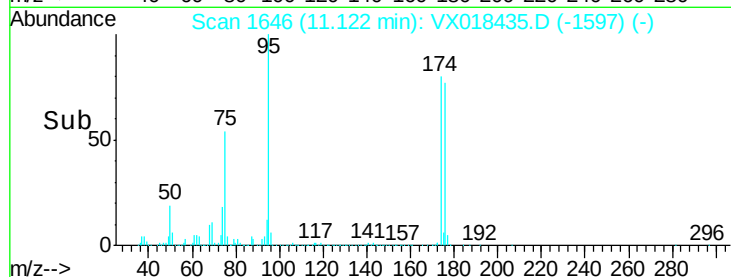
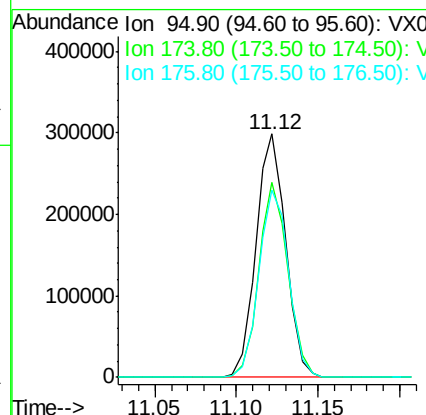
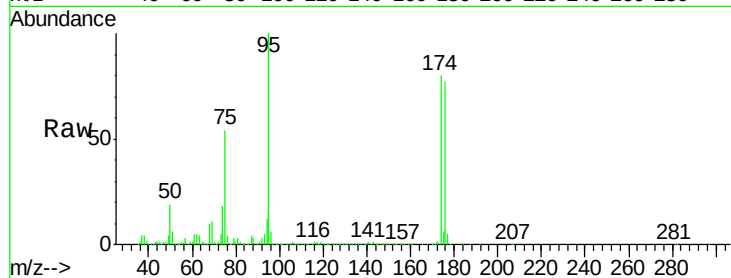
#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampled :
13703

Tot Ion	Ratio	Resp	Lower	Upper
95	100	378367		
174	78.5	0.0	160.2	
176	77.3	0.0	155.8	

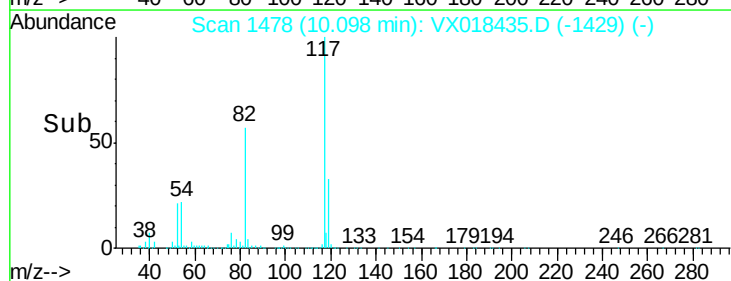
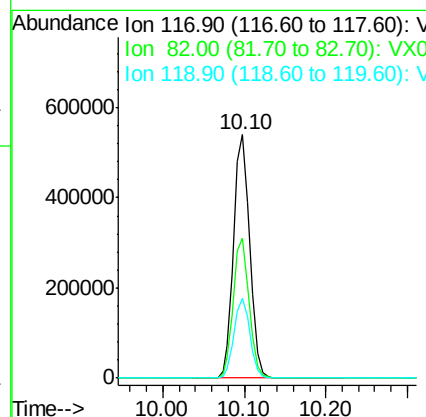
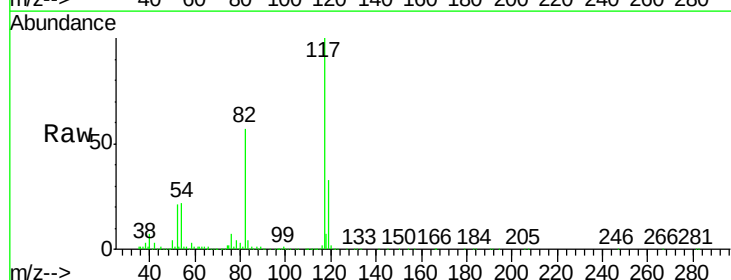
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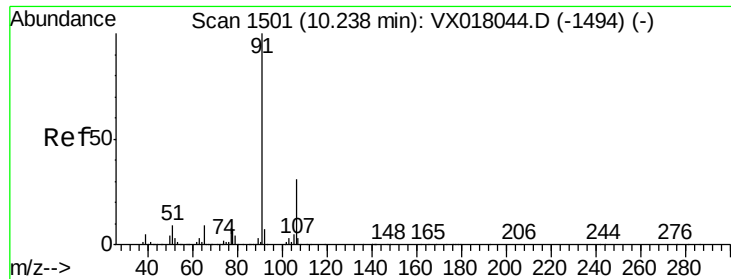
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	729196		
82	57.4	44.2	66.2	
119	32.6	25.7	38.5	





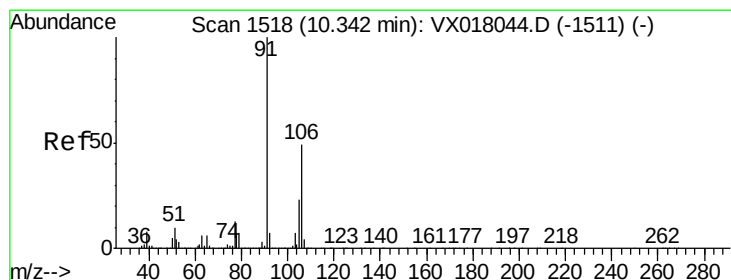
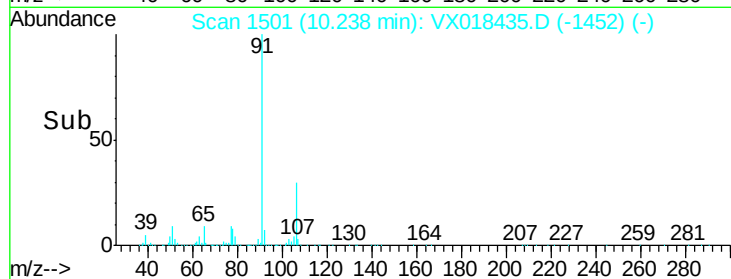
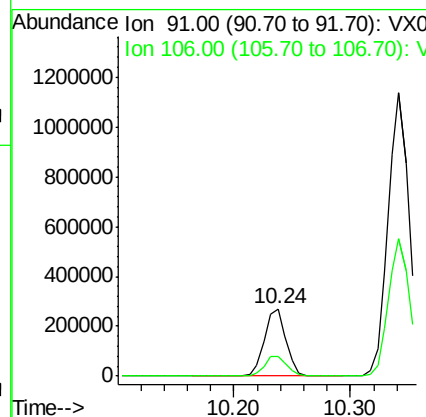
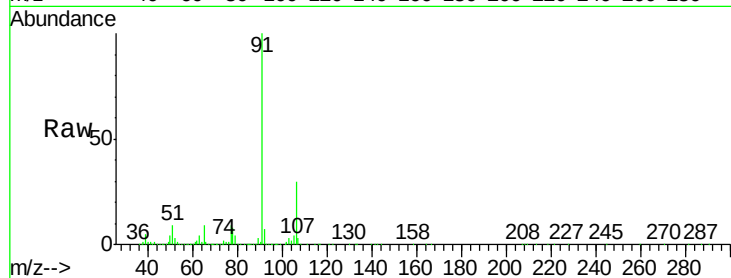
#67
Ethyl Benzene
Concen: 14.193 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampleId :
13703

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.9	37.3

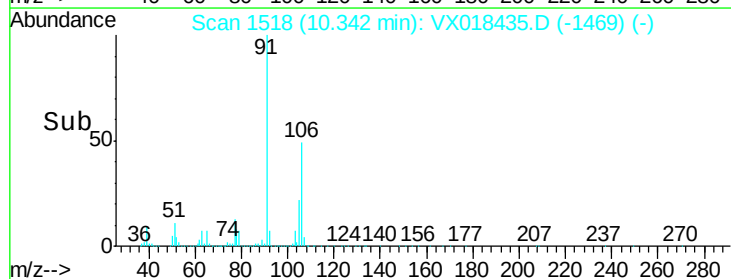
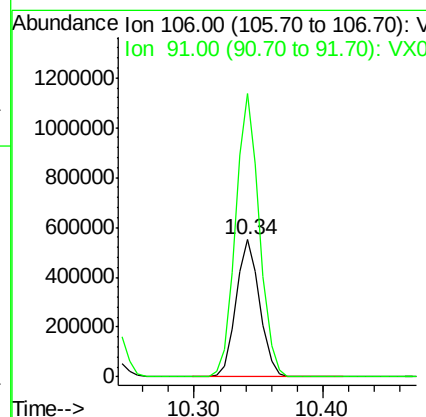
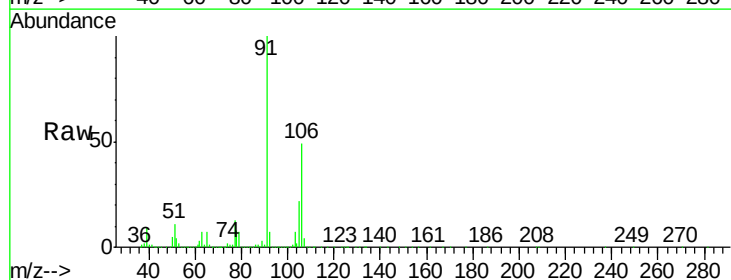
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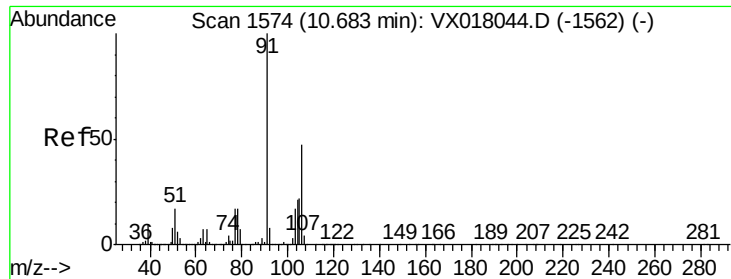
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#68
m/p-Xylenes
Concen: 76.410 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	162.2	243.2





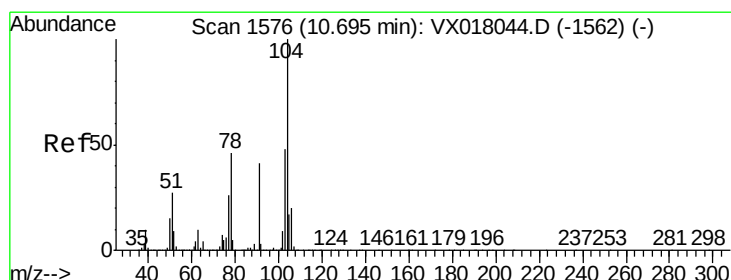
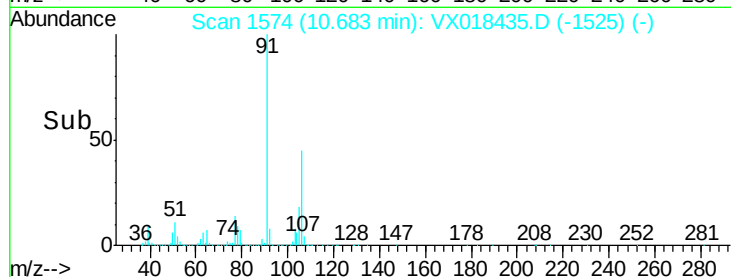
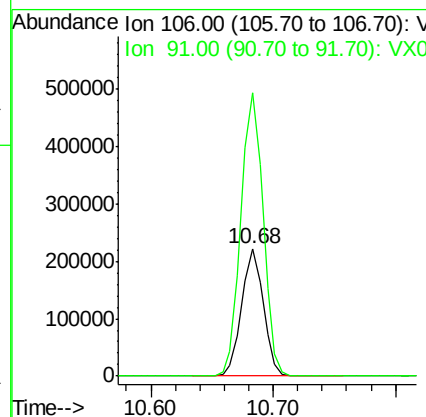
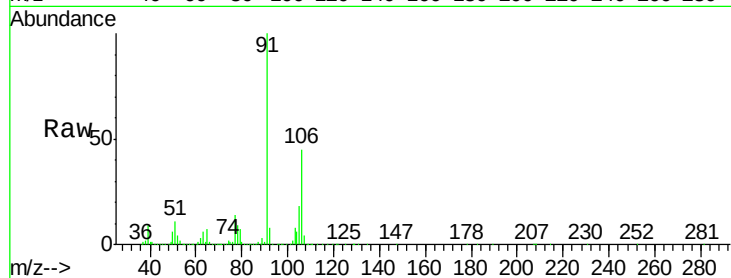
#69
o-Xylene
Concen: 30.311 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Instrument :
MSVOA_X
ClientSampled :
13703

Tot Ion:106 Resp: 271620
Ion Ratio Lower Upper
106 100
91 227.5 107.1 321.3

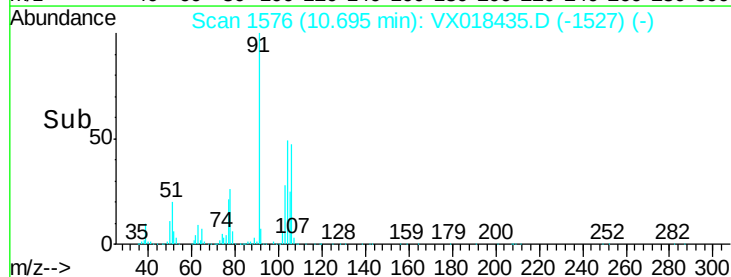
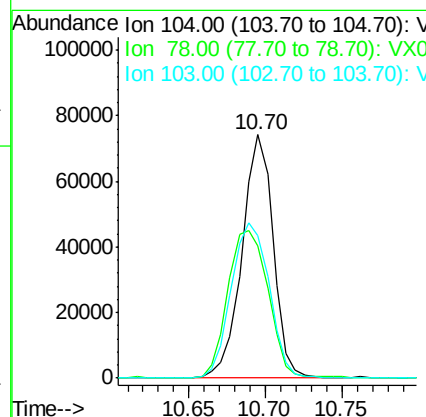
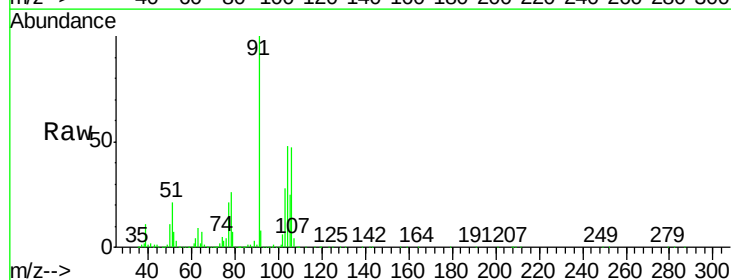
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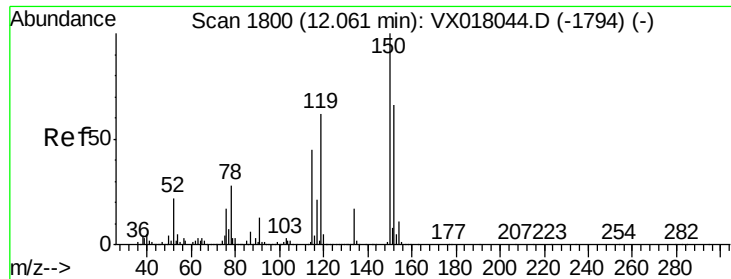
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#70
Styrene
Concen: 6.891 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018435.D
Acq: 16 Sep 2020 12:45

Tgt Ion:104 Resp: 105164
Ion Ratio Lower Upper
104 100
78 77.7 40.9 61.3#
103 77.6 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018435.D

Acq: 16 Sep 2020 12:45

Instrument :

MSVOA_X

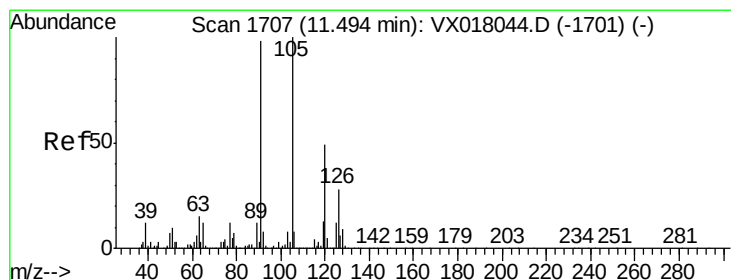
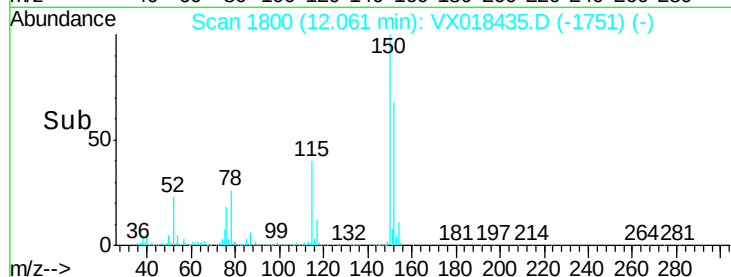
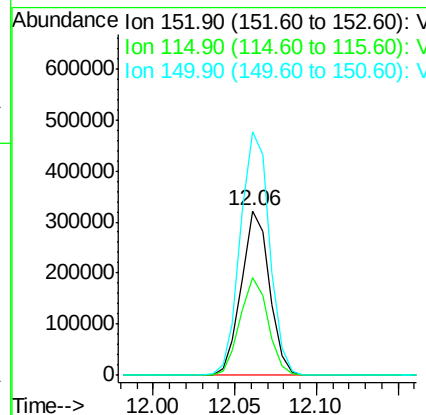
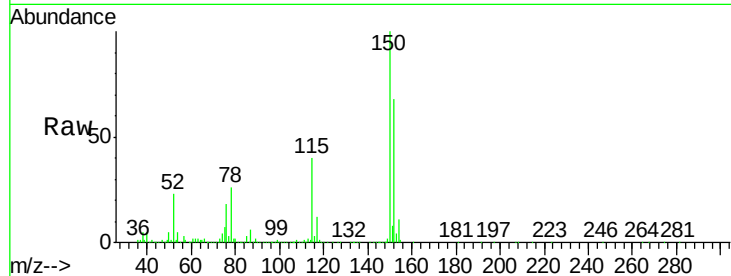
ClientSampled :

13703

Tot Ion:	152	Resp:	386558
Ion Ratio	Lower	Upper	
152	100		
115	59.1	41.5	124.5
150	154.0	0.0	343.8

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#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

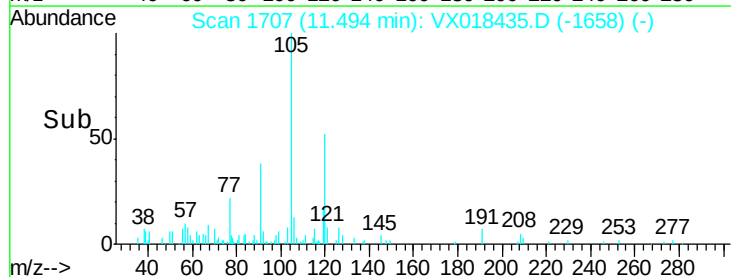
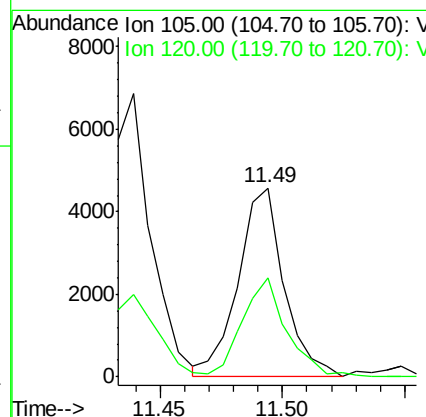
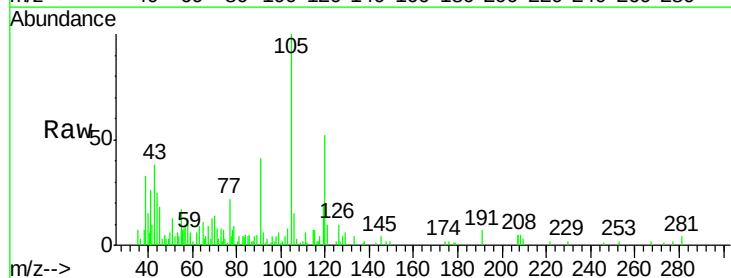
RT: 11.49 min Scan# 1707

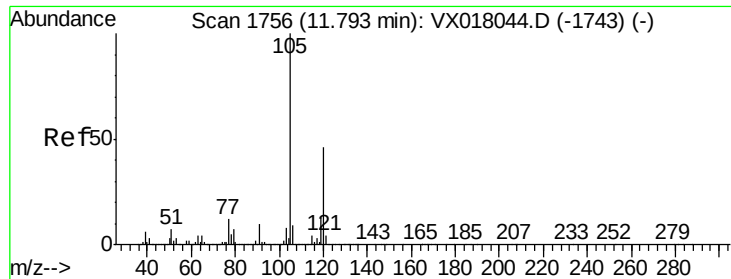
Delta R.T. -0.00 min

Lab File: VX018435.D

Acq: 16 Sep 2020 12:45

Tgt Ion:	105	Resp:	5979
Ion Ratio	Lower	Upper	
105	100		
120	51.1	24.1	72.2





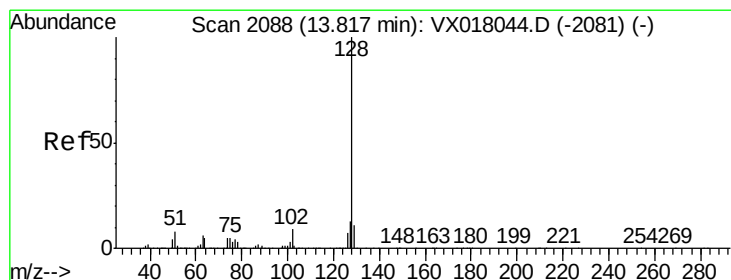
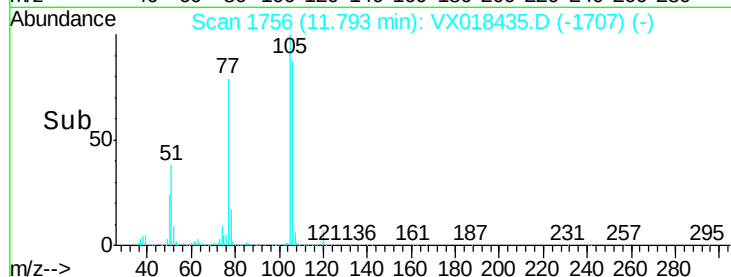
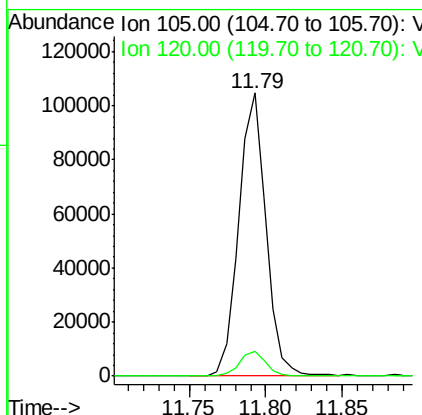
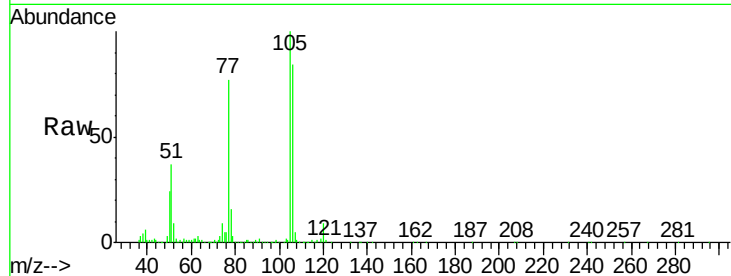
#84
 1,2,4-Trimethylbenzene
 Concen: 6.028 ug/l m
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018435.D
 Acq: 16 Sep 2020 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 13703

Tot Ion	Ratio	Resp	Lower	Upper
105	100	129130		
120	2.1	22.3	66.9#	

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#95
 Naphthalene
 Concen: 0.322 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018435.D
 Acq: 16 Sep 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	8233		
127	18.6	10.2	15.2#	
129	14.1	8.7	13.1#	

