

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018454.D
 Acq On : 16 Sep 2020 20:38
 Operator : JC/SP
 Sample : L3928-07
 Misc : 4.65µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

Manual Integrations
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MMDadoda
 9/17/2020 11:24:01 AM

Quant Time: Sep 17 08:17:25 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	5.63	168	443589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	702630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	312999	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.46	113	237080	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.70	98	868238	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.12	95	358039	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	34331	28.672	ug/l #	74
18) Methyl Acetate	2.77	43	5339	0.922	ug/l #	84
20) Methylene Chloride	2.82	84	14145	1.756	ug/l	93
25) 2-Butanone	4.66	43	8580	2.176	ug/l	98
39) Methylcyclohexane	7.43	83	13077	1.845	ug/l	94
67) Ethyl Benzene	10.24	91	273123	11.800	ug/l	99
68) m/p-Xylenes	10.34	106	194138	22.471	ug/l	98
69) o-Xylene	10.68	106	54077	6.457	ug/l	97
73) Isopropylbenzene	11.01	105	353740	13.995	ug/l	99
78) n-propylbenzene	11.35	91	658607	22.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	839218	40.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	4100433	193.087	ug/l	100
85) sec-Butylbenzene	11.93	105	916605	39.321	ug/l	95
86) p-Isopropyltoluene	12.05	119	691359	32.288	ug/l	97
89) n-Butylbenzene	12.37	91	612342m	31.332	ug/l	
95) Naphthalene	13.82	128	3775680	148.993	ug/l	97

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

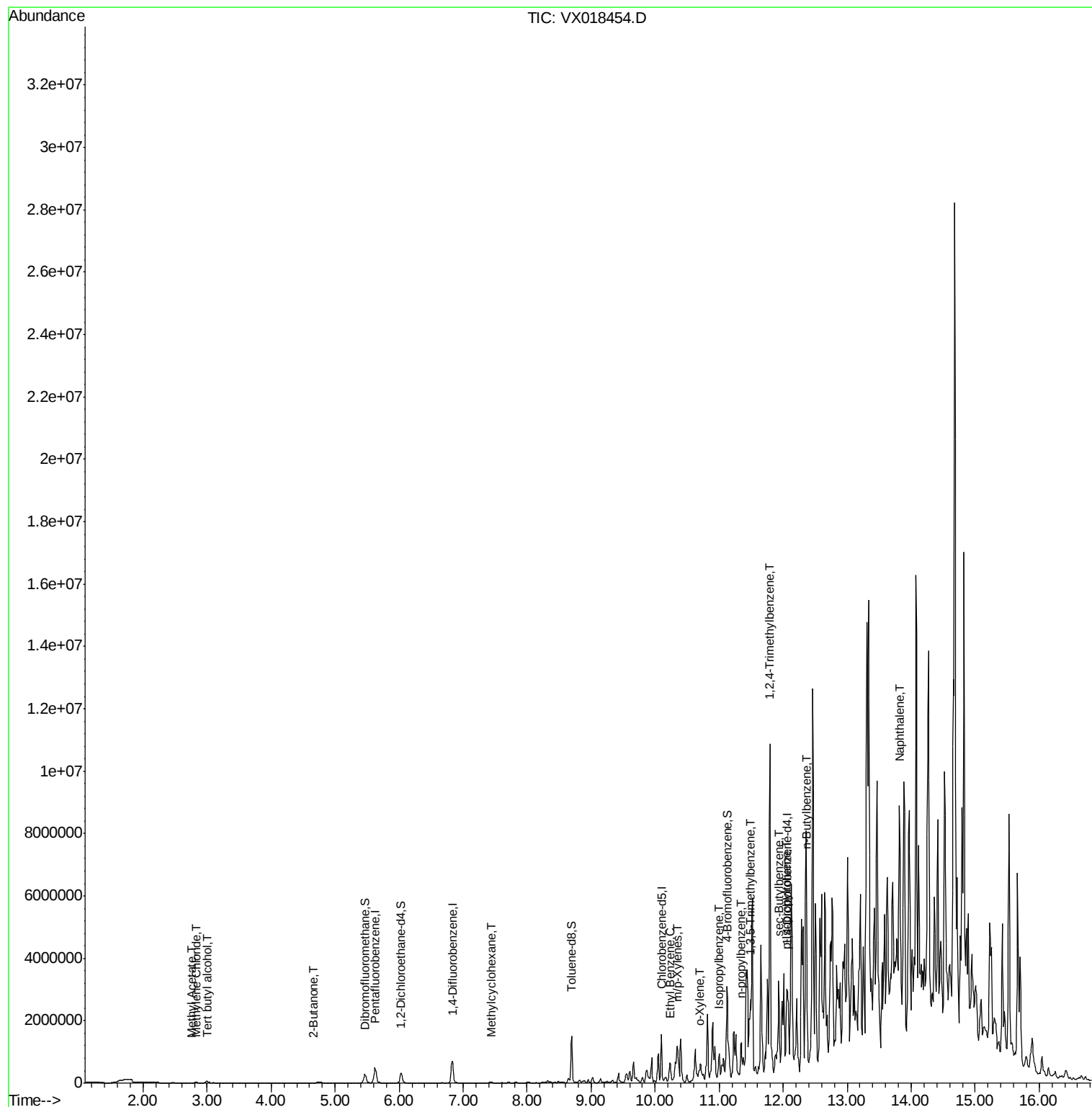
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091620\
Data File : VX018454.D
Acq On : 16 Sep 2020 20:38
Operator : JC/SP
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Misc : 4.65q/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

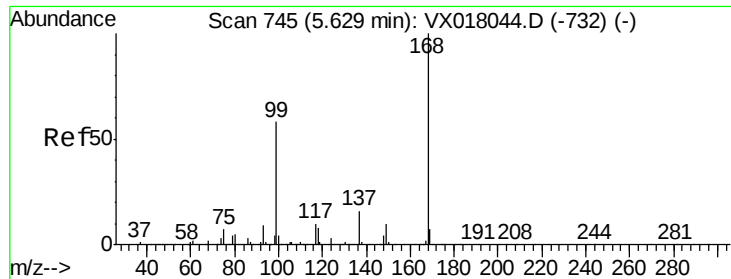
Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

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Quant Time: Sep 17 08:17:25 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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion:168 Resp: 443589

Ion Ratio Lower Upper

168 100

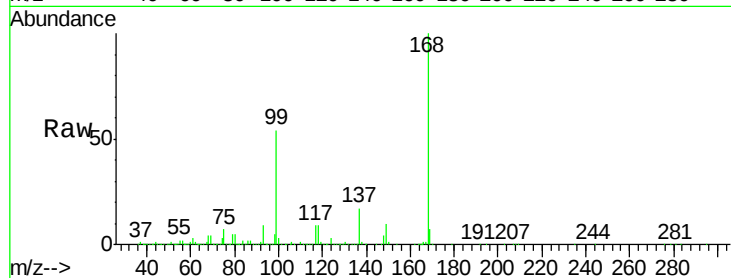
99 54.0 46.3 69.5

Manual Integrations

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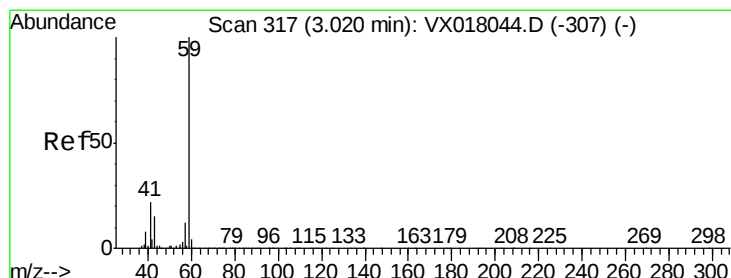
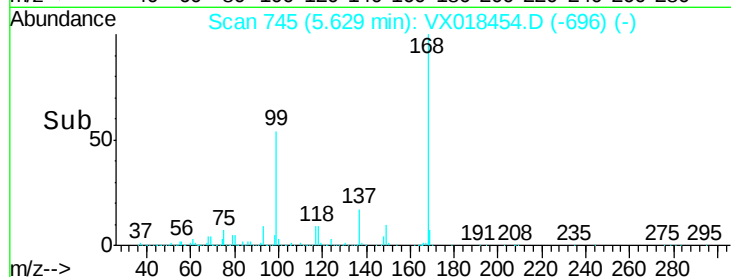
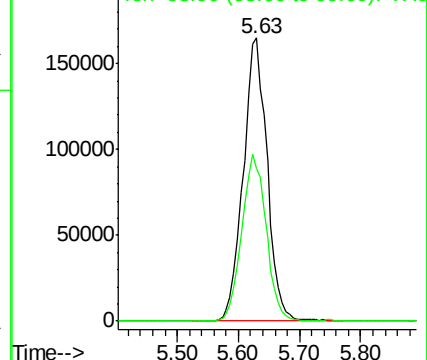
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 28.672 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX018454.D

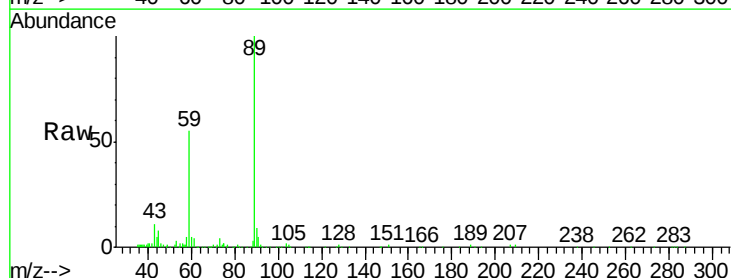
Acq: 16 Sep 2020 20:38

Tgt Ion: 59 Resp: 34331

Ion Ratio Lower Upper

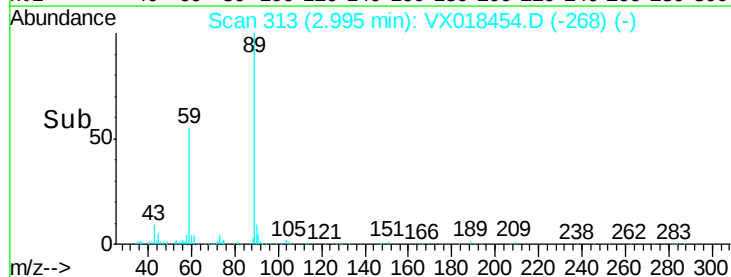
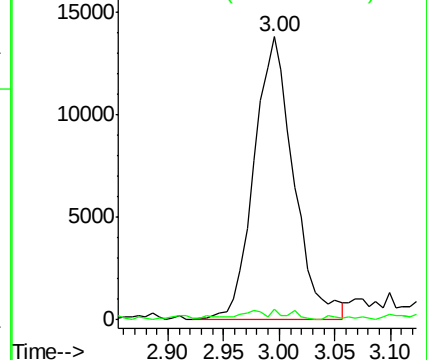
59 100

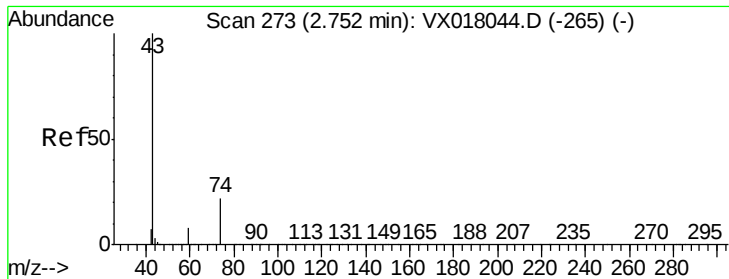
57 1.1 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





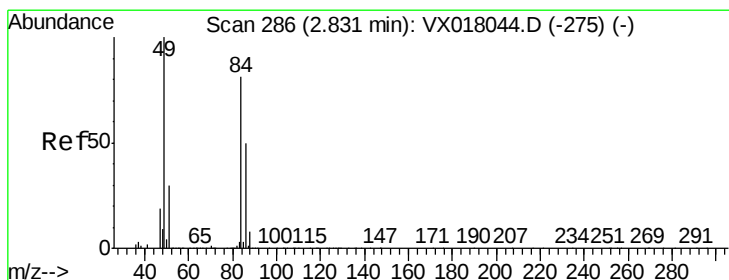
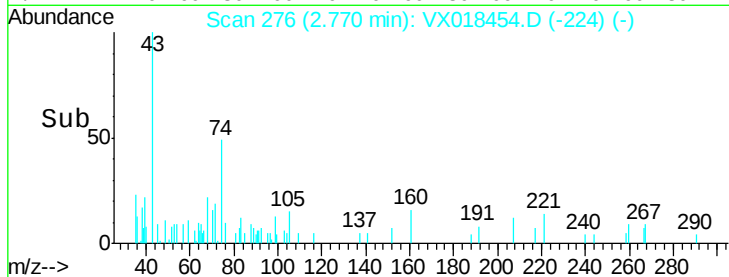
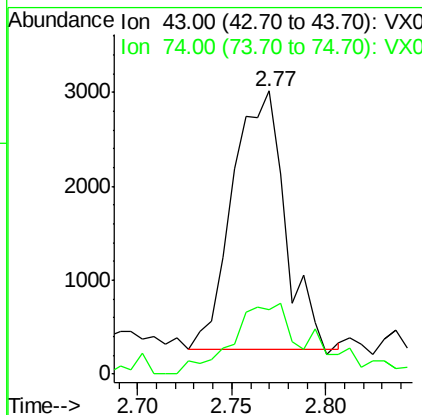
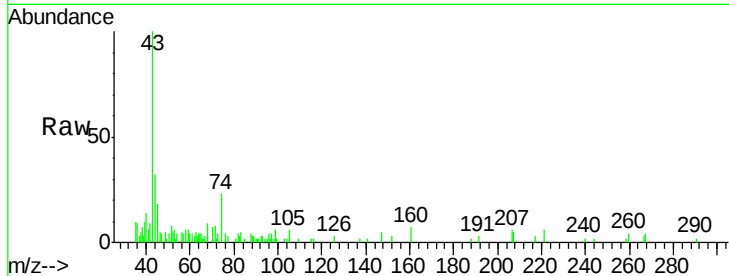
#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion	Ratio	Lower	Upper
43	100		
74	30.5	18.2	27.4#

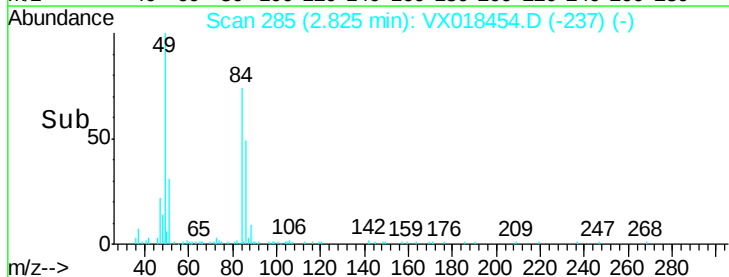
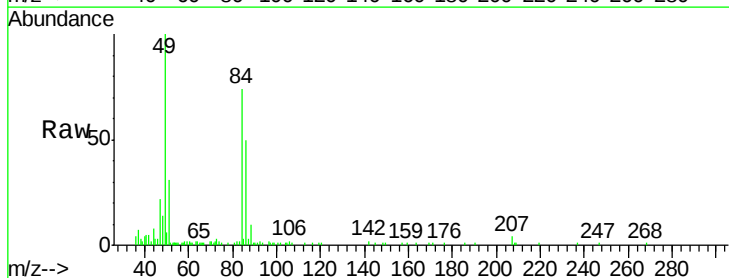
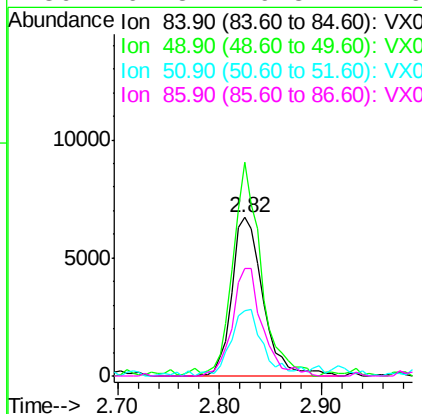
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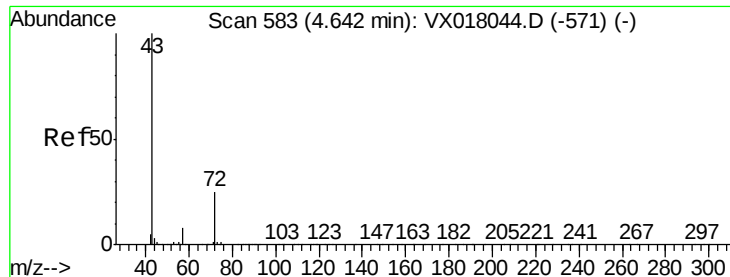
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#20
Methylene Chloride
Concen: 1.756 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.6	98.6	148.0
51	37.7	29.6	44.4
86	67.8	49.8	74.6





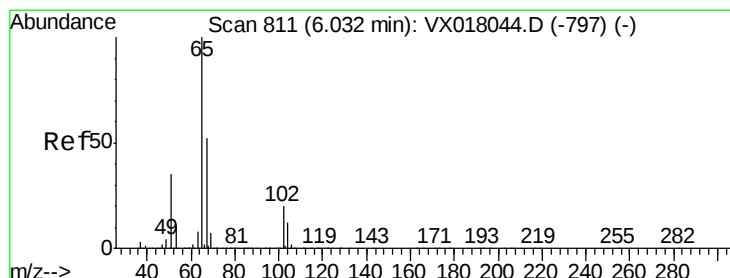
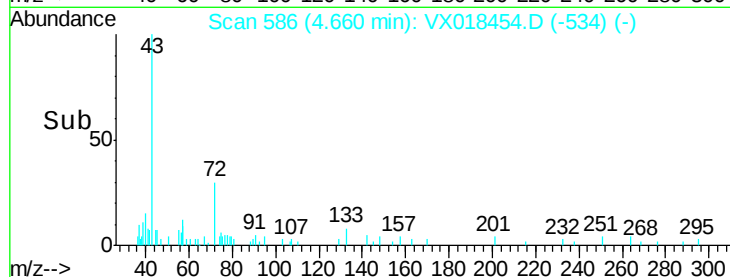
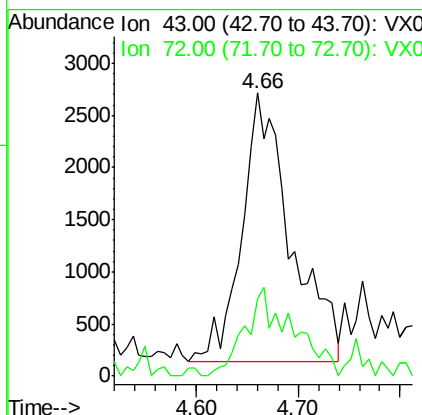
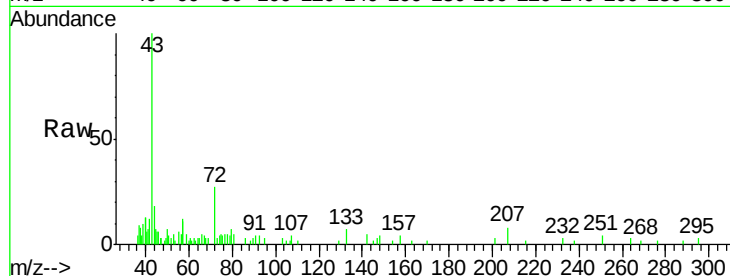
#25
2-Butanone
Concen: 2.176 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.8	29.6

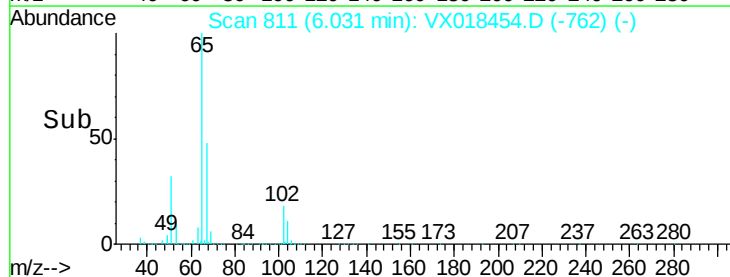
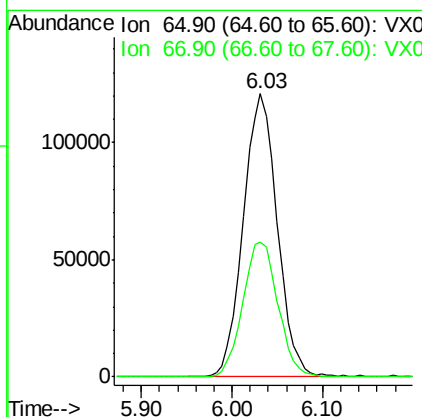
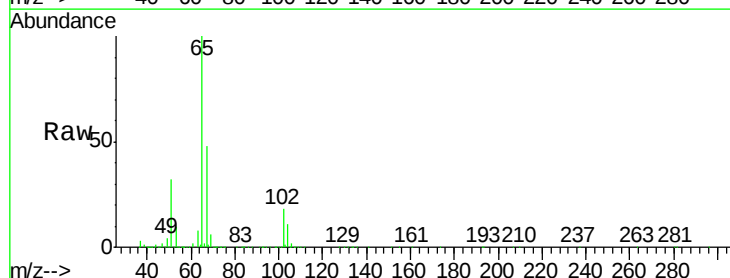
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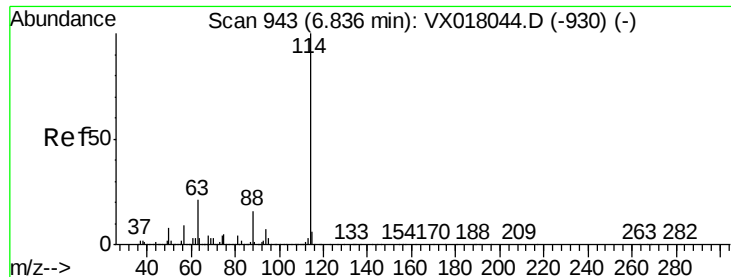
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#33
1,2-Dichloroethane-d4
Concen: 50.827 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

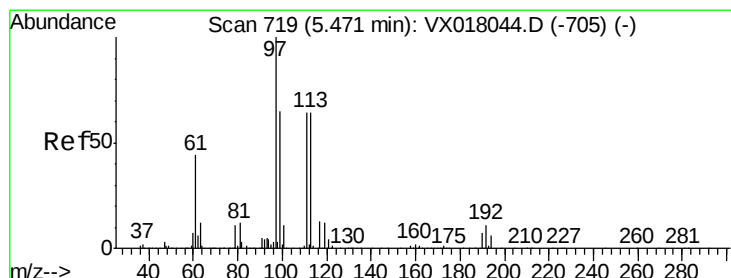
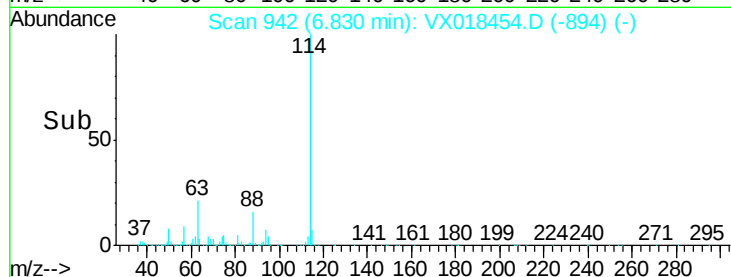
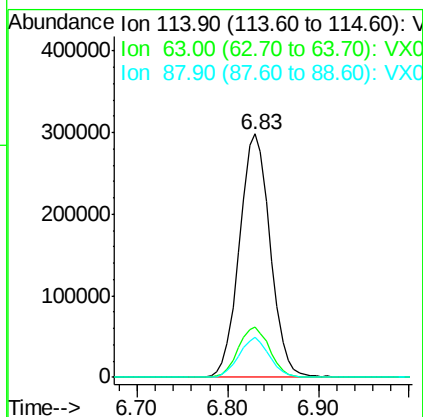
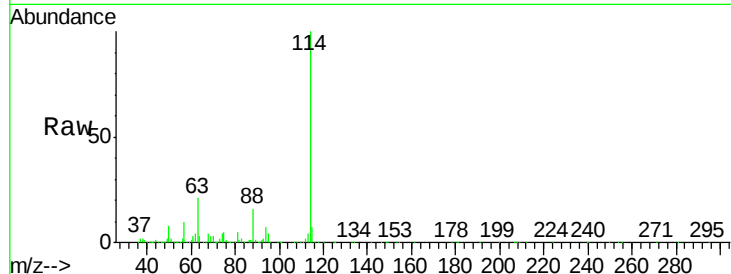
ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion	Ratio	Resp	Lower	Upper
114	100	702630		
63	20.9	0.0	42.6	
88	16.4	0.0	31.8	

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#35

Dibromofluoromethane

Concen: 49.544 ug/l

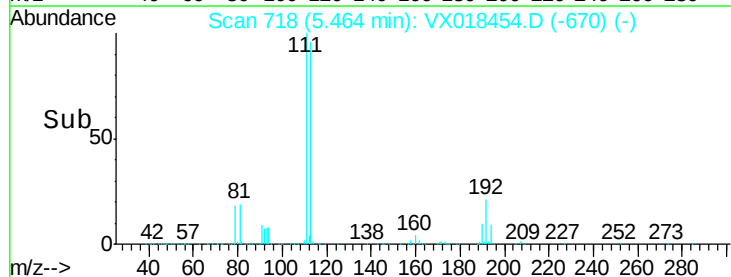
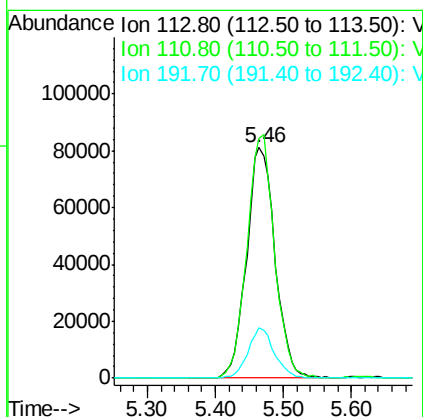
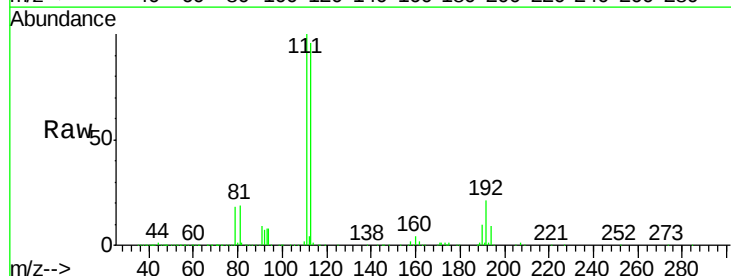
RT: 5.46 min Scan# 718

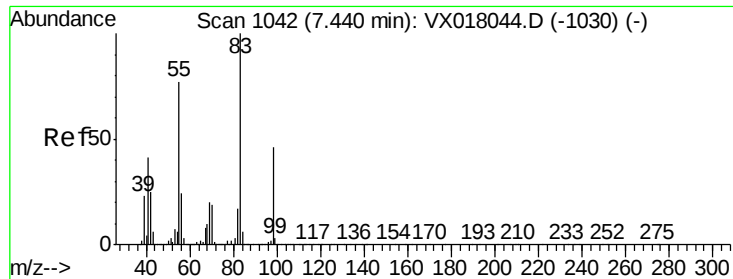
Delta R.T. -0.01 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	237080		
111	101.9	81.6	122.4	
192	20.1	15.8	23.8	





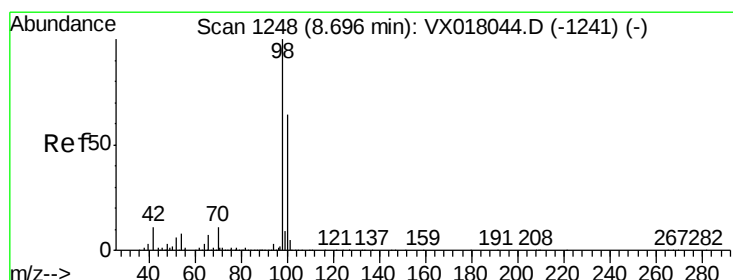
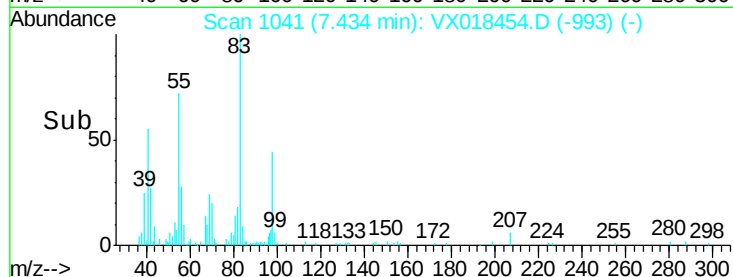
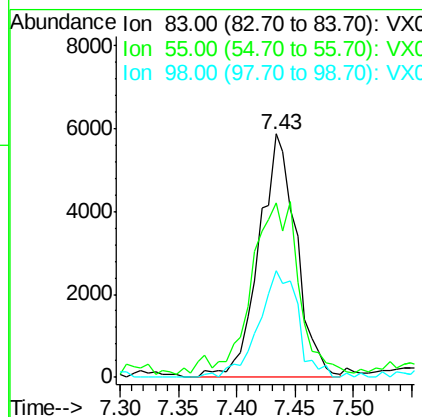
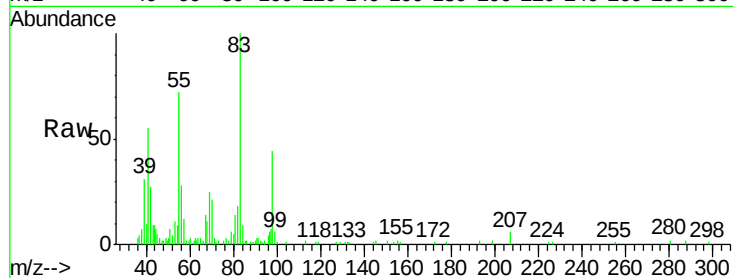
#39
Methvlcvclohexane
Concen: 1.845 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion	83	Resp	13077
Ion	Ratio	Lower	Upper
83	100		
55	69.9	61.8	92.6
98	43.7	36.6	55.0

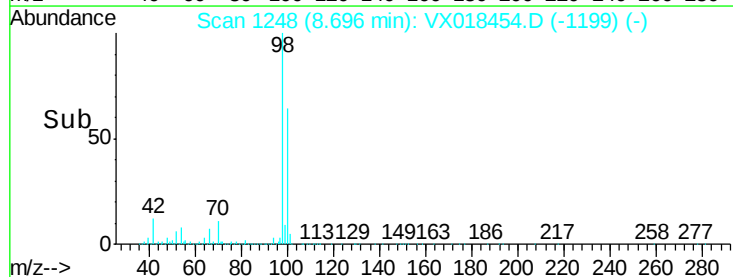
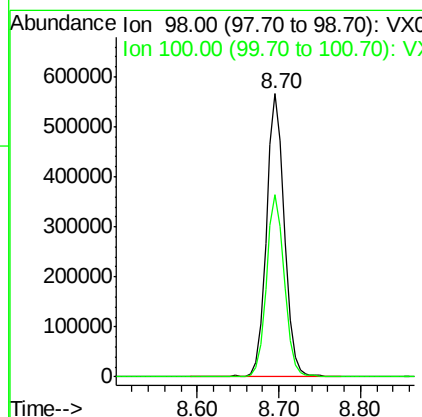
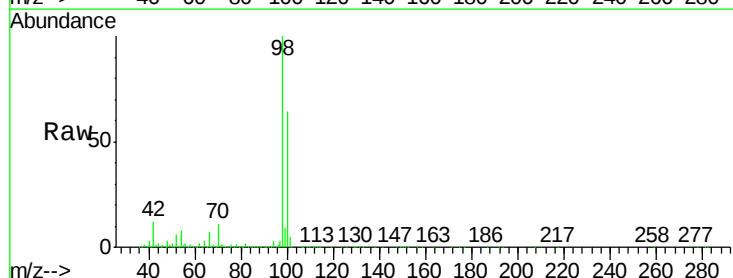
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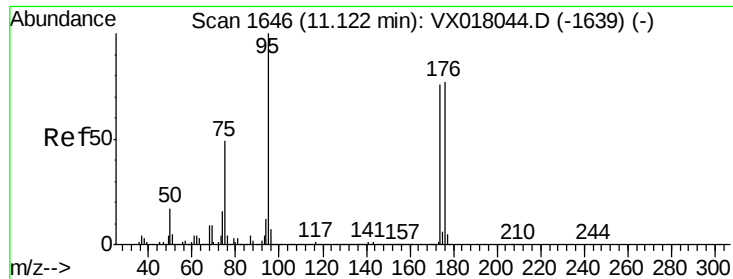
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#50
Toluene-d8
Concen: 48.715 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	98	Resp	868238
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 51.059 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

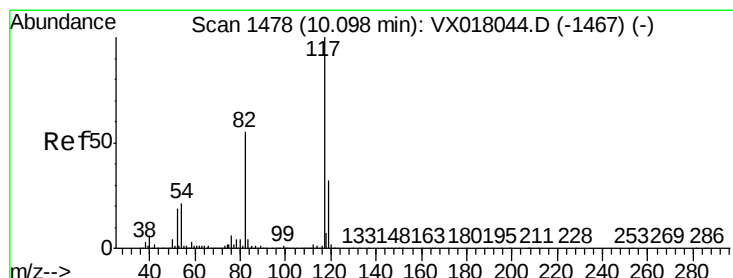
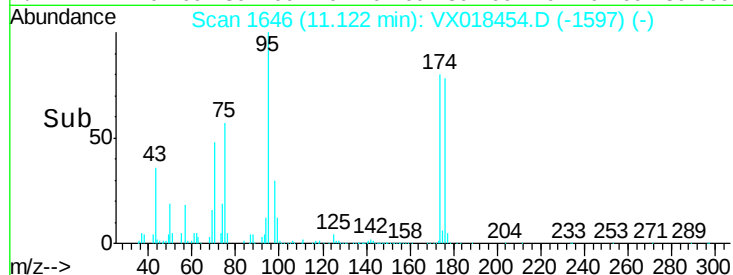
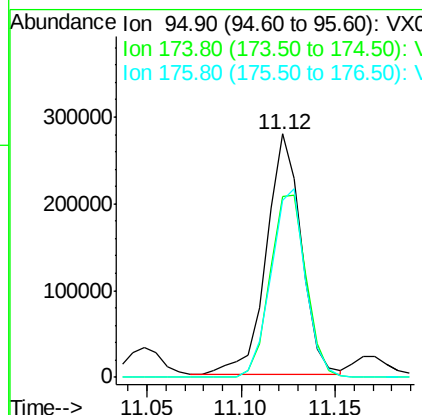
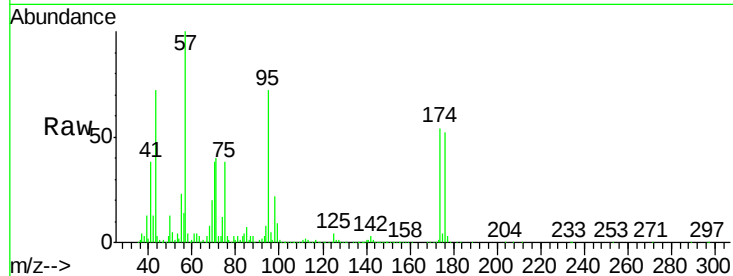
ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion:	95	Resp:	358039
Ion Ratio	Lower	Upper	
95	100		
174	78.4	0.0	160.2
176	76.6	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

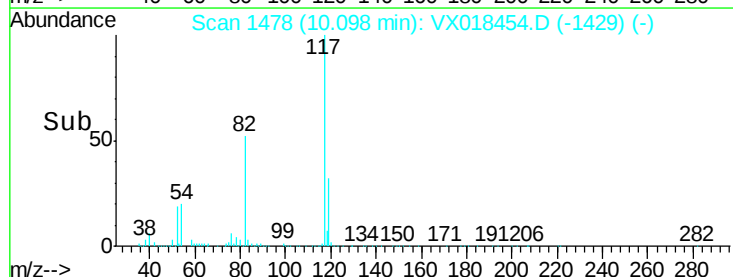
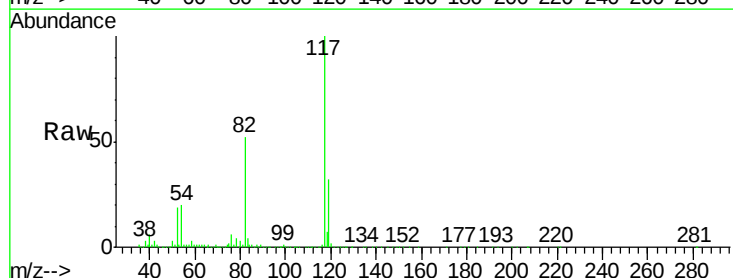
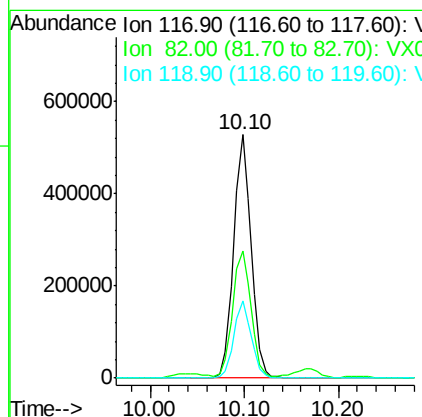
RT: 10.10 min Scan# 1478

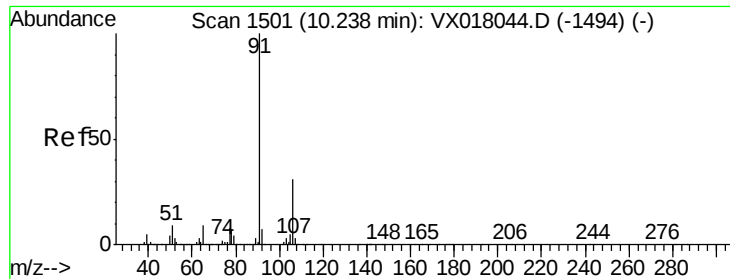
Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Tgt Ion:	117	Resp:	681490
Ion Ratio	Lower	Upper	
117	100		
82	52.0	44.2	66.2
119	31.9	25.7	38.5





#67

Ethyl Benzene

Concen: 11.800 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion: 91 Resp: 273123

Ion Ratio Lower Upper

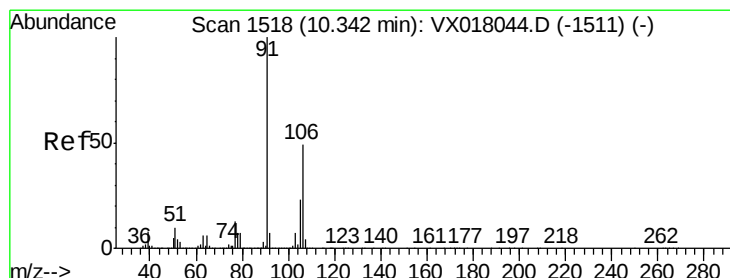
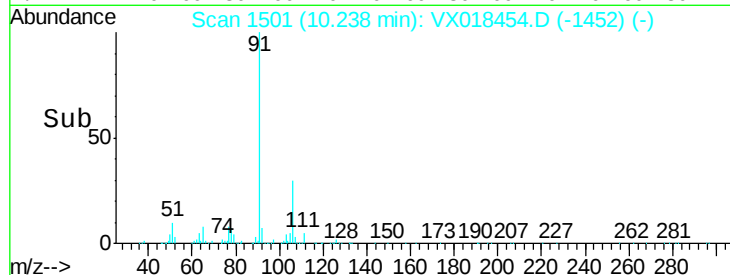
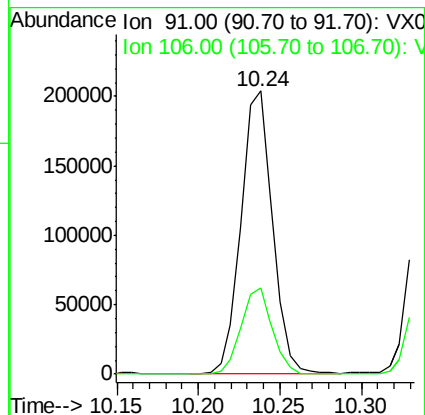
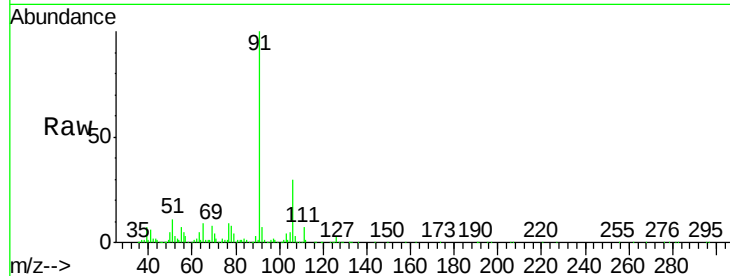
91 100

106 30.4 24.9 37.3

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#68

m/p-Xylenes

Concen: 22.471 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018454.D

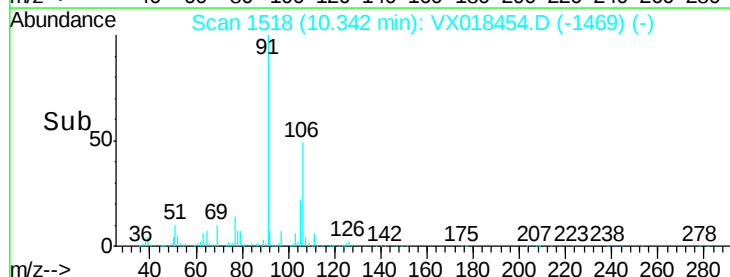
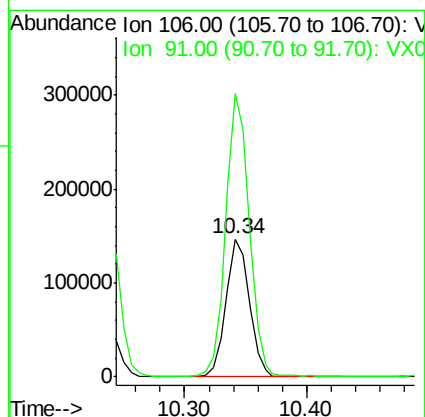
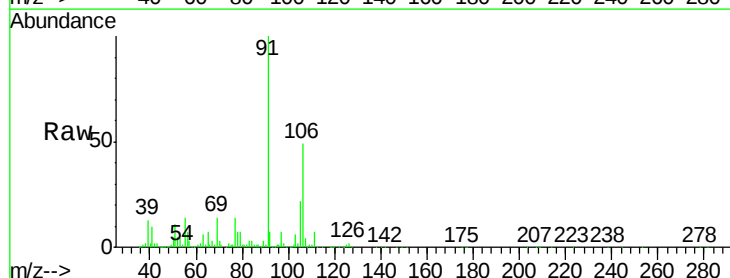
Acq: 16 Sep 2020 20:38

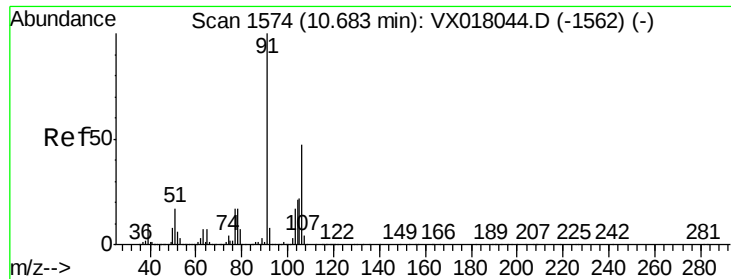
Tgt Ion: 106 Resp: 194138

Ion Ratio Lower Upper

106 100

91 205.3 162.2 243.2





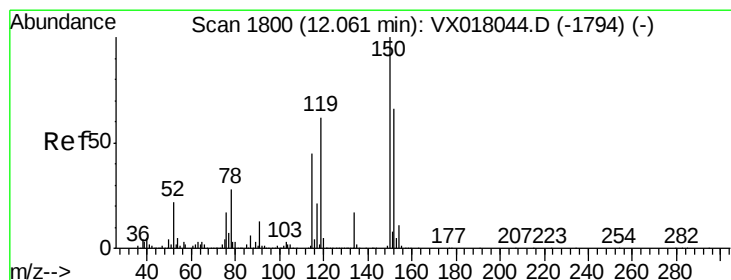
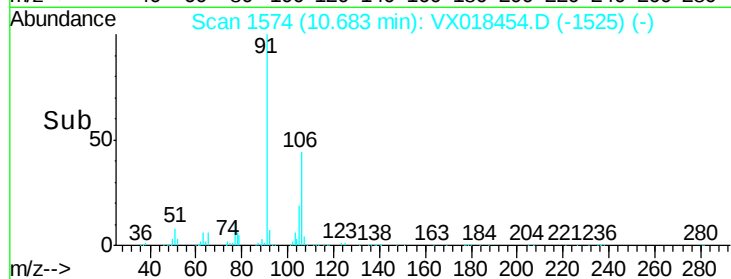
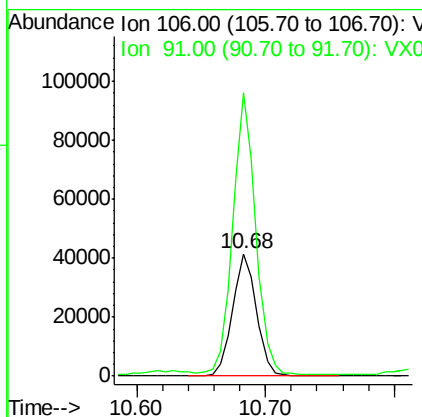
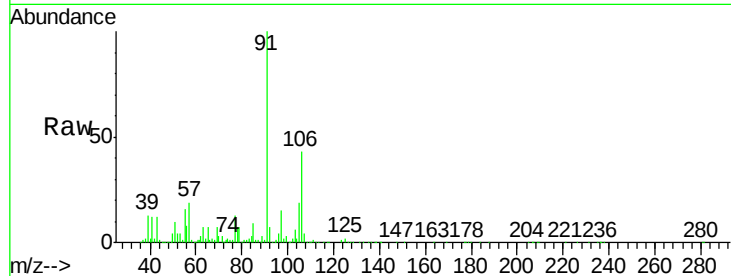
#69
o-Xylene
Concen: 6.457 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampled :
SB-5-16.5-17.0ME

Tot Ion:106 Resp: 54077
Ion Ratio Lower Upper
106 100
91 219.6 107.1 321.3

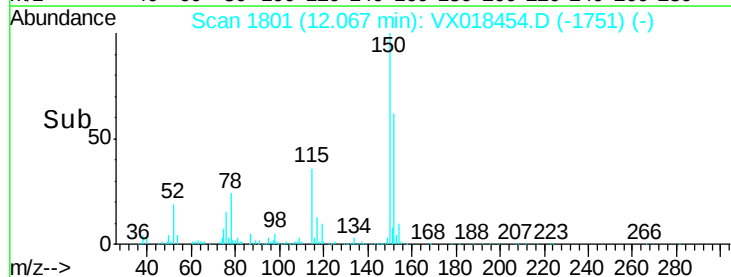
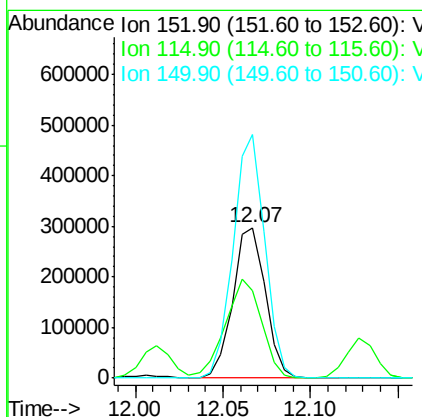
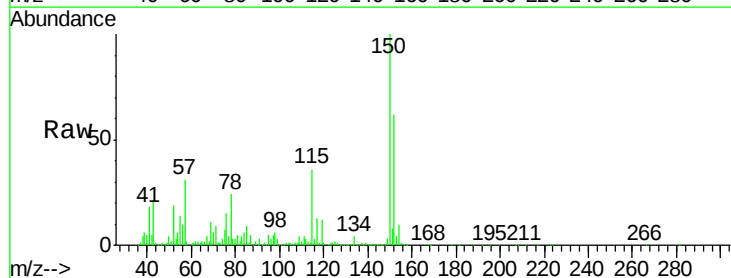
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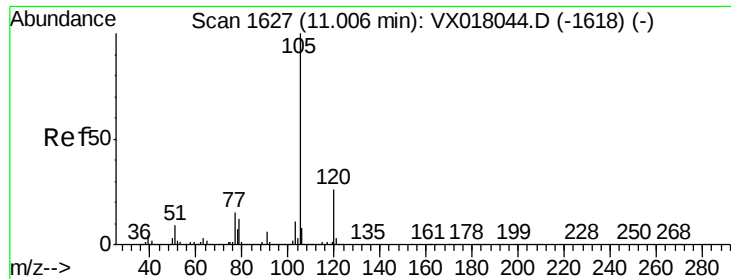
MMDadoda
9/17/2020 11:24:01 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion:152 Resp: 383205
Ion Ratio Lower Upper
152 100
115 72.5 41.5 124.5
150 158.2 0.0 343.8





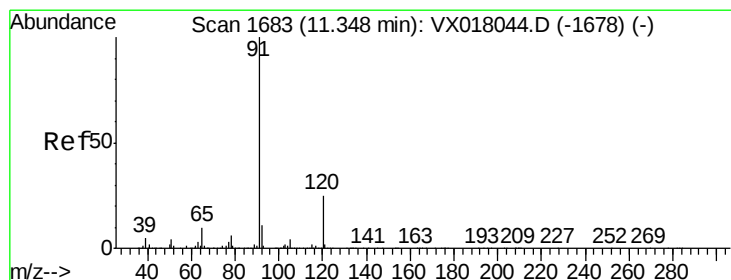
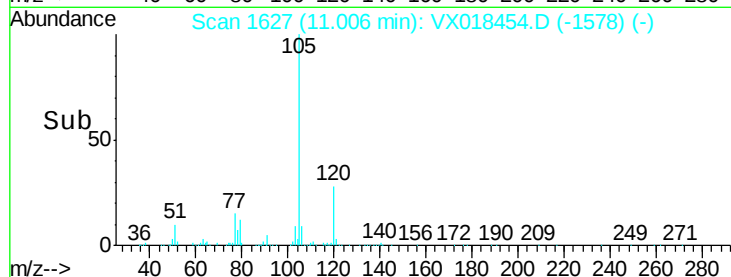
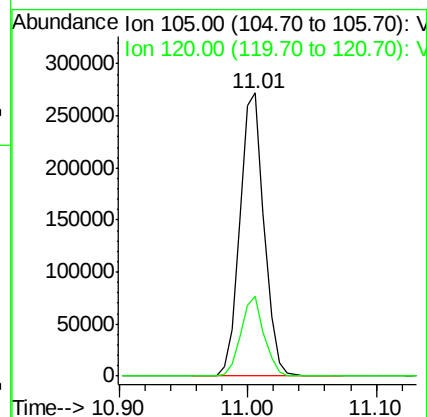
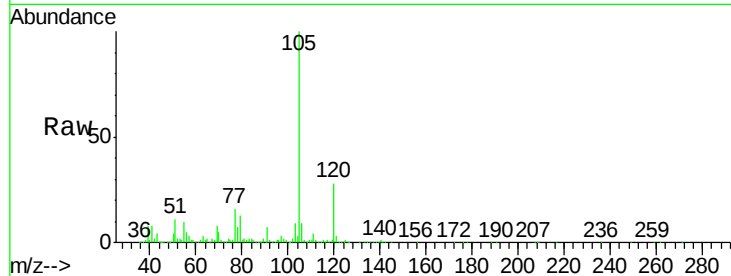
#73
Isopropylbenzene
Concen: 13.995 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.2	39.5

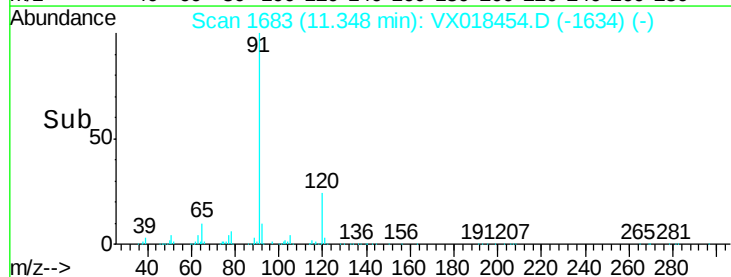
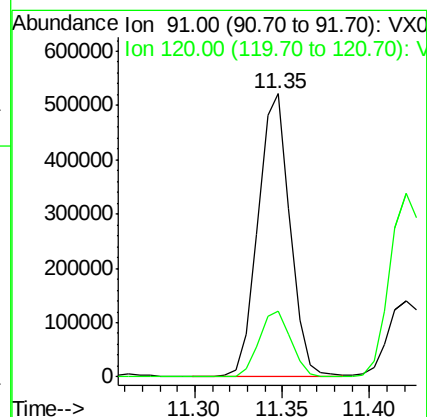
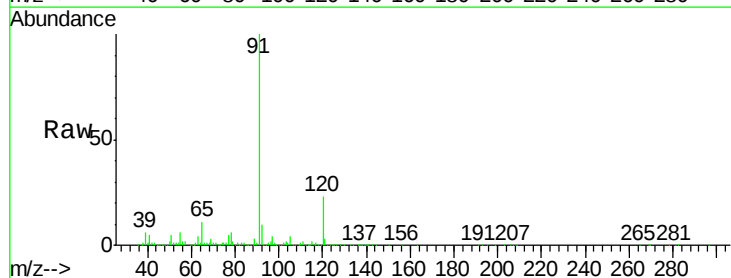
Manual Integrations
APPROVED

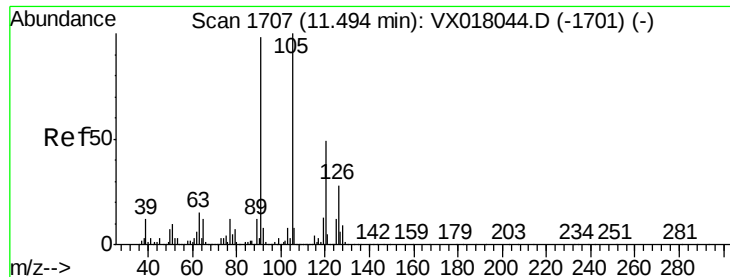
MMDadoda
9/17/2020 11:24:01 AM



#78
n-propylbenzene
Concen: 22.948 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.9





#80

1,3,5-Trimethylbenzene

Concen: 40.403 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018454.D

Acq: 16 Sep 2020 20:38

Instrument :

MSVOA_X

ClientSampleId :

SB-5-16.5-17.0ME

Tot Ion:105 Resp: 839218

Ion Ratio Lower Upper

105 100

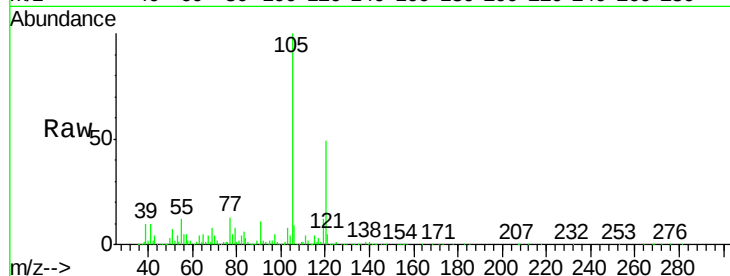
120 47.7 24.1 72.2

Manual Integrations

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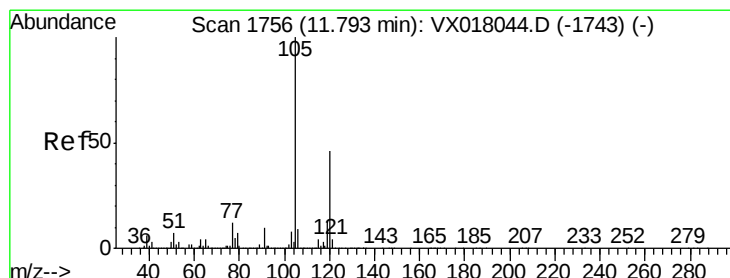
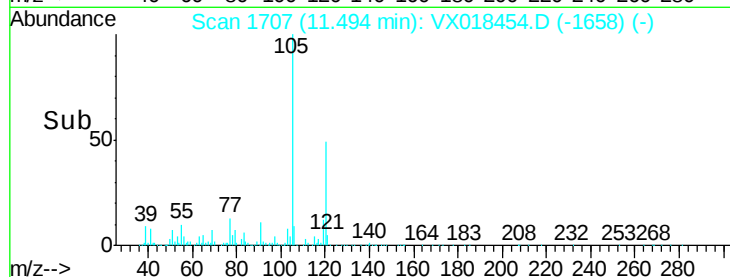
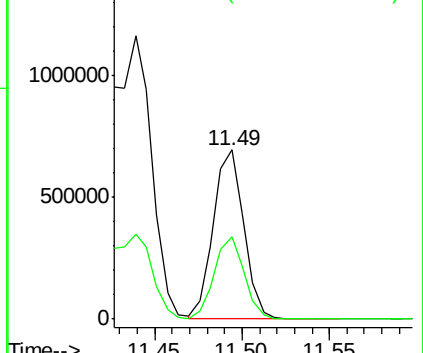
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 193.087 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018454.D

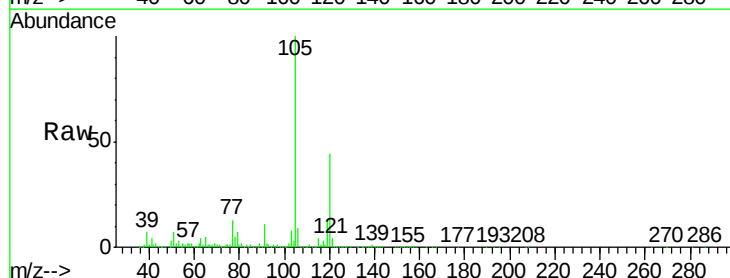
Acq: 16 Sep 2020 20:38

Tgt Ion:105 Resp: 4100433

Ion Ratio Lower Upper

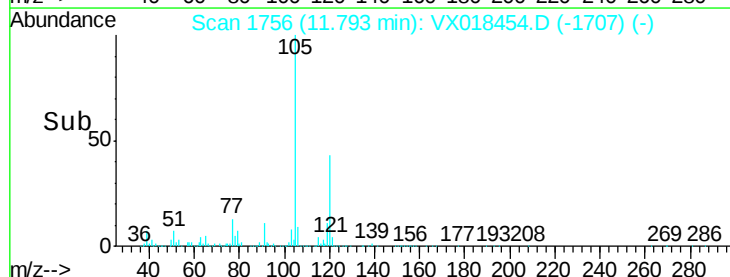
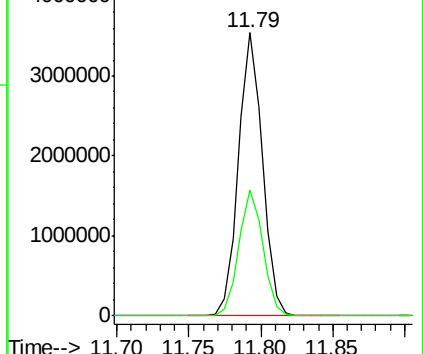
105 100

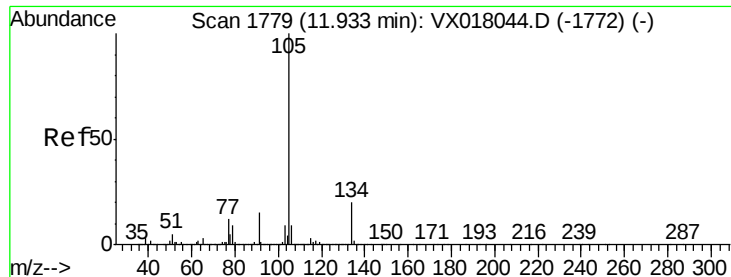
120 44.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





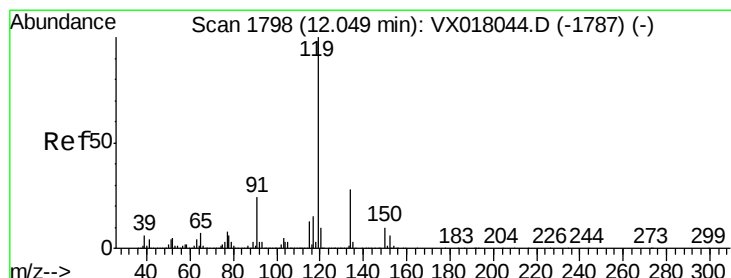
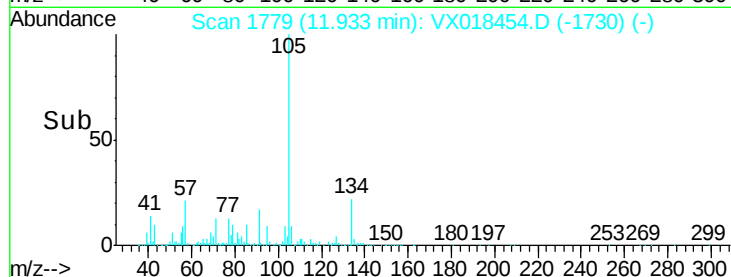
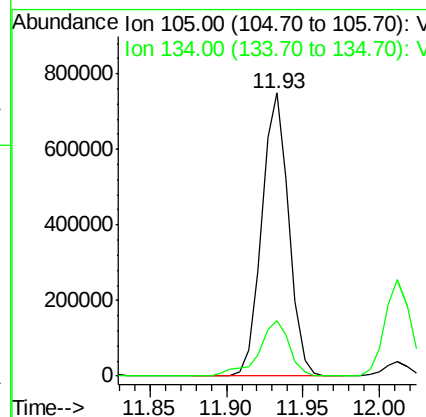
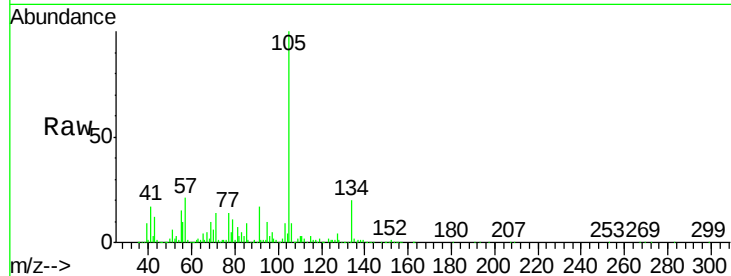
#85
 sec-Butylbenzene
 Concen: 39.321 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5-16.5-17.0ME

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.7	10.1	30.3

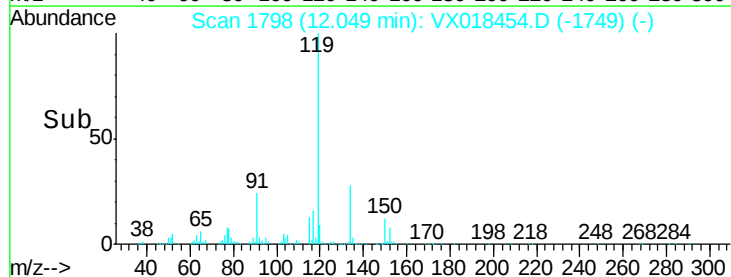
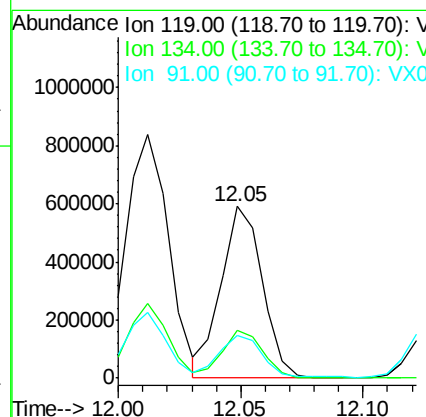
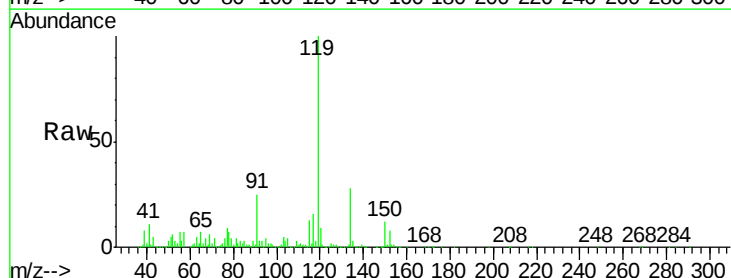
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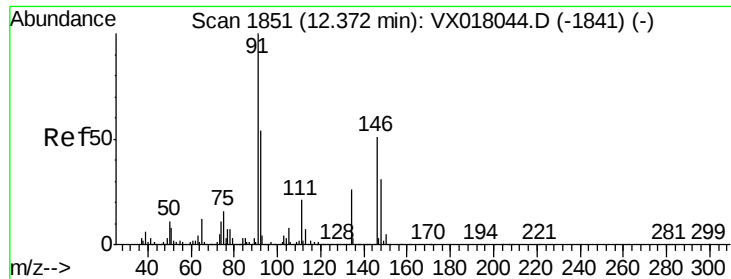
MMDadoda
 9/17/2020 11:24:01 AM



#86
 p-Isopropyltoluene
 Concen: 32.288 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018454.D
 Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.2	39.5
91	25.3	11.8	35.4





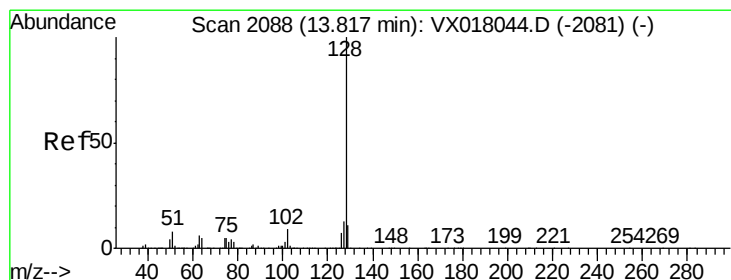
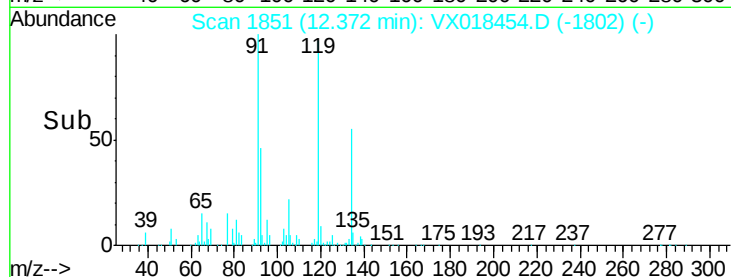
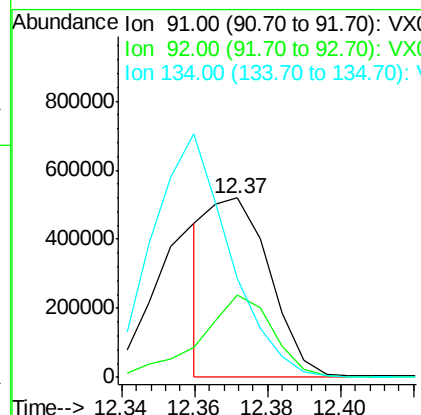
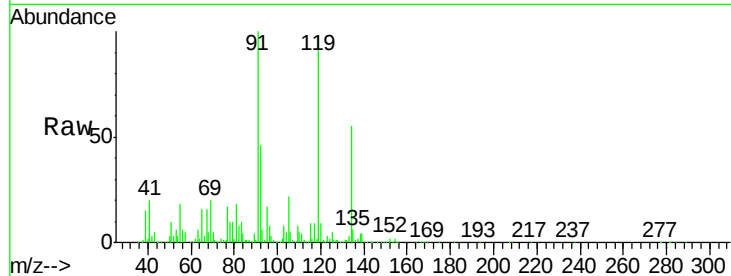
#89
n-Butylbenzene
Concen: 31.332 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Instrument :
MSVOA_X
ClientSampleId :
SB-5-16.5-17.0ME

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.4	79.2
134	169.9	12.9	38.7#

Manual Integrations
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#95
Naphthalene
Concen: 148.993 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018454.D
Acq: 16 Sep 2020 20:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	12.4	8.7	13.1

