

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017538.D
 Acq On : 24 Jul 2020 13:28
 Operator : JC/SP
 Sample : L3362-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1754

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:48 AM

Quant Time: Jul 25 02:49:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	468633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	748097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	809573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	445804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	317519	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	5.47	113	259270	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	8.70	98	953874	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	11.12	95	413480	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	10746	8.470	ug/l #	72
16) Acetone	2.42	43	2640848	996.725	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	141135	8.424	ug/l #	47
22) Diisopropyl ether	3.82	45	74285	4.597	ug/l #	87
31) Cyclohexane	5.56	56	89484	12.053	ug/l	89
39) Methylcyclohexane	7.44	83	76324	9.112	ug/l	96
40) Benzene	6.12	78	2527996	122.896	ug/l	98
44) Trichloroethene	7.19	130	1891	0.315	ug/l	62
52) Toluene	8.77	92	7225378	547.708	ug/l	97
67) Ethyl Benzene	10.24	91	1432528	48.973	ug/l	99
68) m/p-Xylenes	10.34	106	1720493	151.828	ug/l	97
69) o-Xylene	10.68	106	834316	76.552	ug/l	98
73) Isopropylbenzene	11.00	105	64600	2.112	ug/l	97
78) n-propylbenzene	11.35	91	215662	6.252	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	289453	11.085	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1247321	48.026	ug/l	100
85) sec-Butylbenzene	11.93	105	13108m	0.450	ug/l	
86) p-Isopropyltoluene	12.05	119	8690m	0.314	ug/l	
95) Naphthalene	13.82	128	485937	16.506	ug/l	99

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

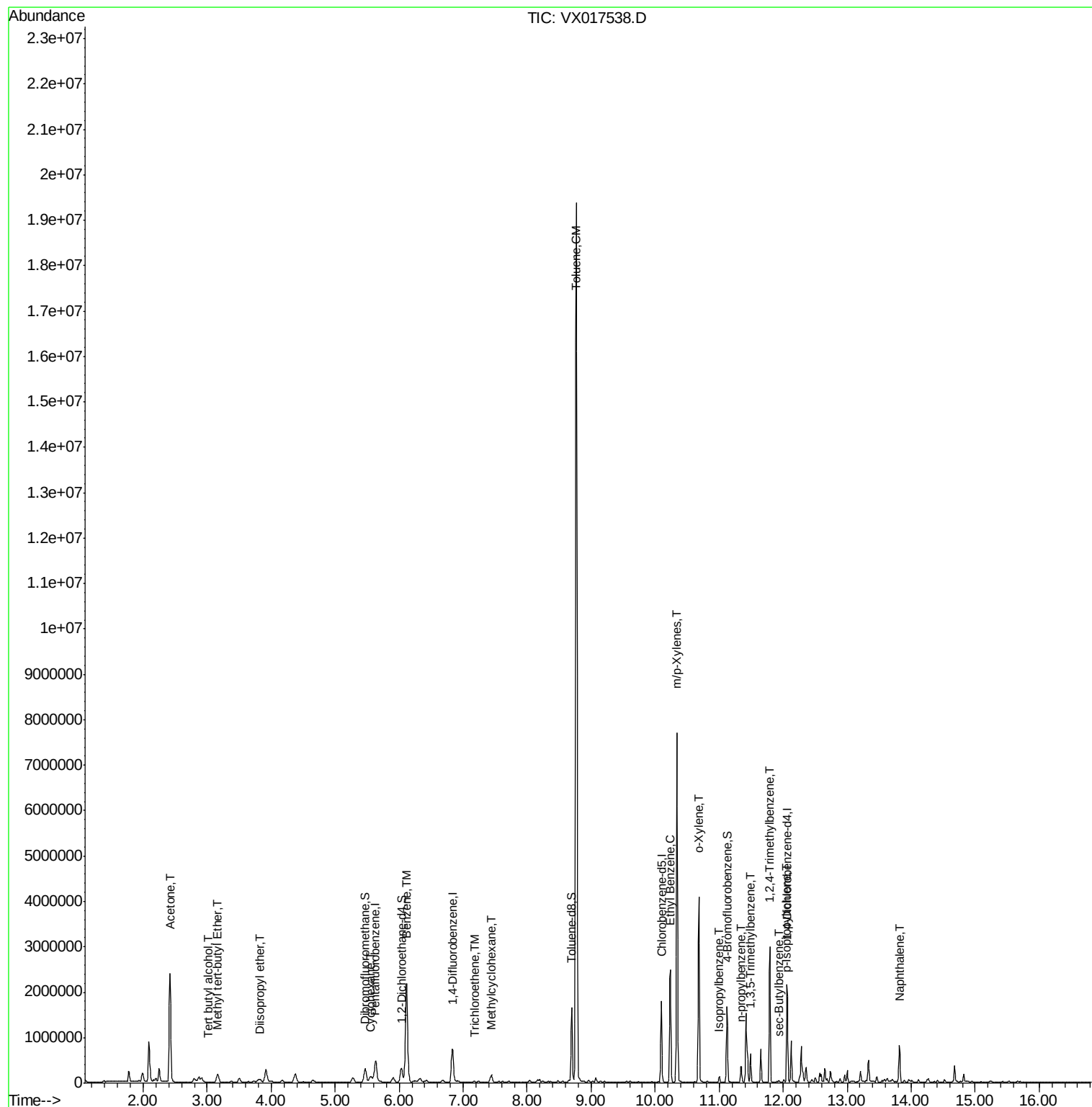
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017538.D
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Operator : JC/SP
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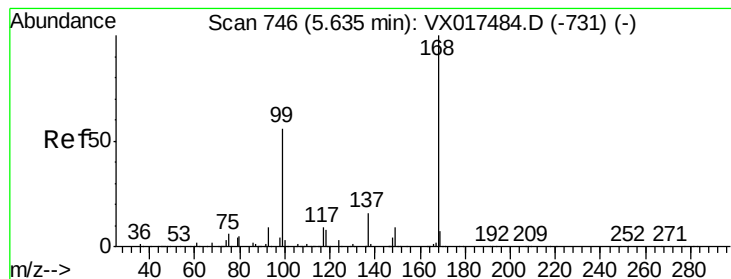
Instrument :
MSVOA_X
ClientSampleId :
1754

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Quant Time: Jul 25 02:49:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754

Tgt Ion: 168 Resp: 468633

Ion Ratio Lower Upper

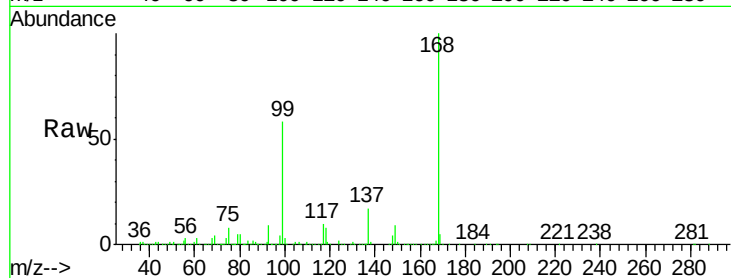
168 100

99 57.9 43.4 65.2

Manual Integrations
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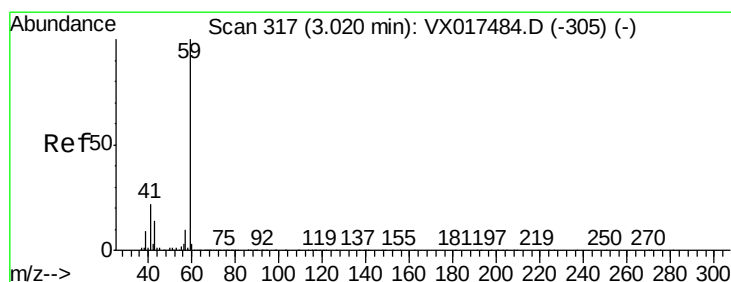
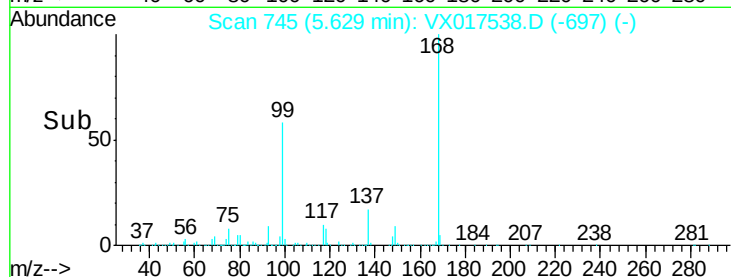
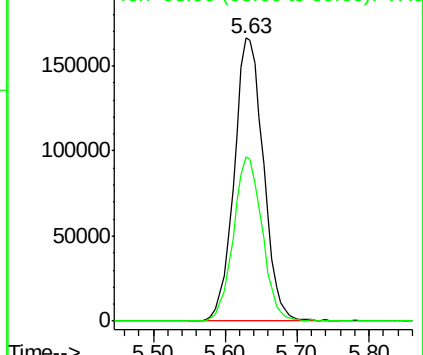
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.470 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX017538.D

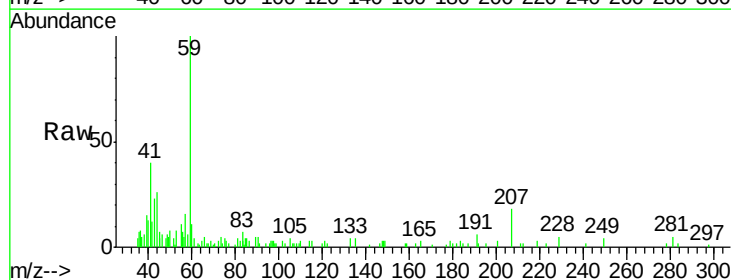
Acq: 24 Jul 2020 13:28

Tgt Ion: 59 Resp: 10746

Ion Ratio Lower Upper

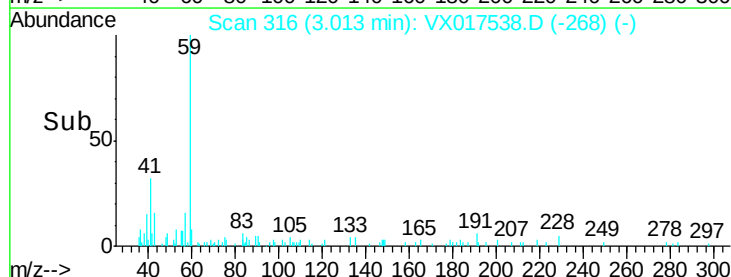
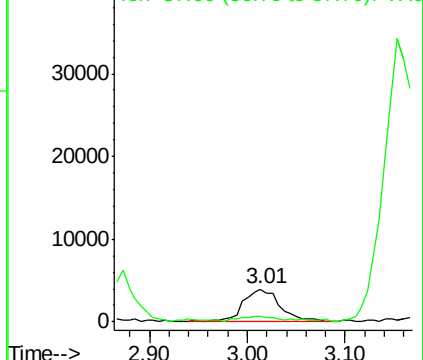
59 100

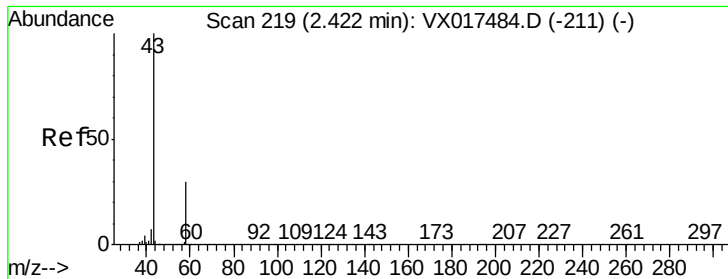
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





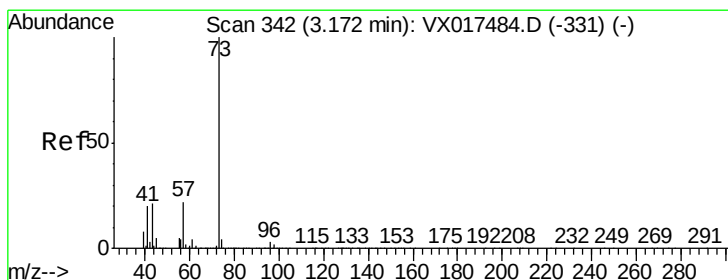
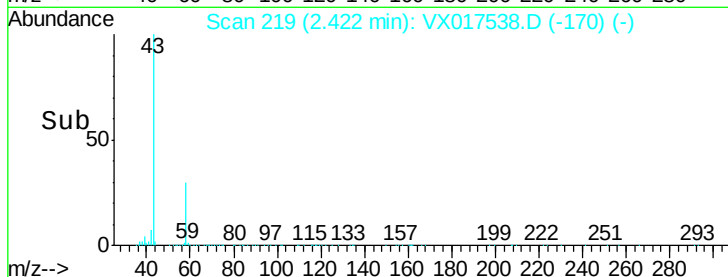
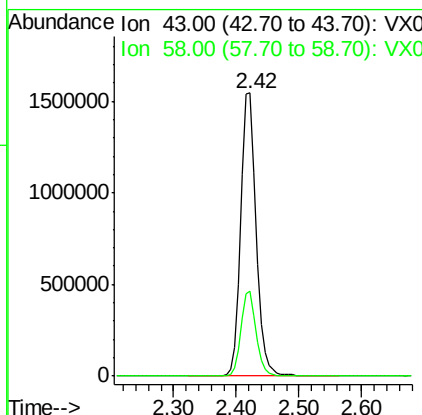
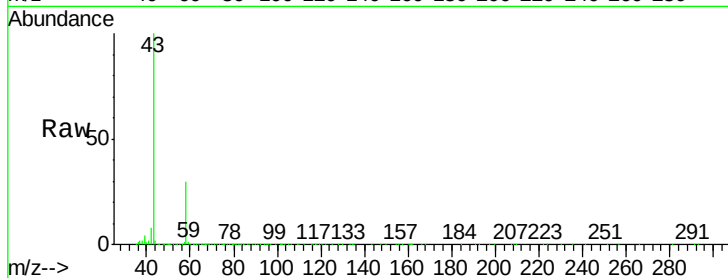
#16
Acetone
Concen: 996.725 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
1754

Tgt Ion: 43 Resp: 2640848
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4

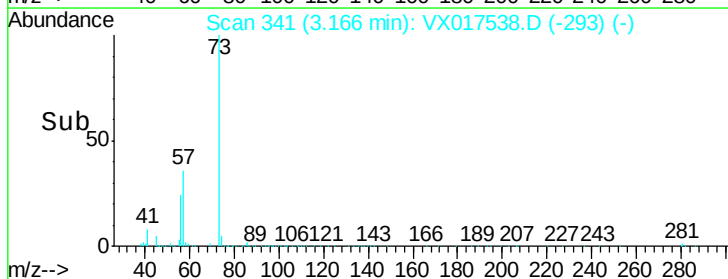
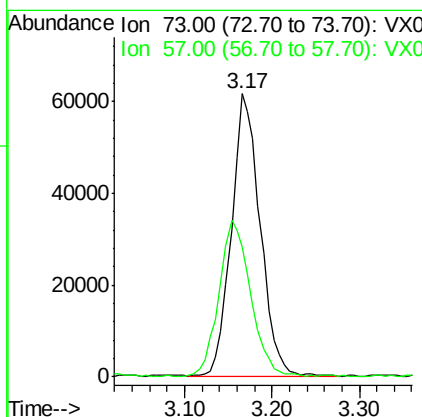
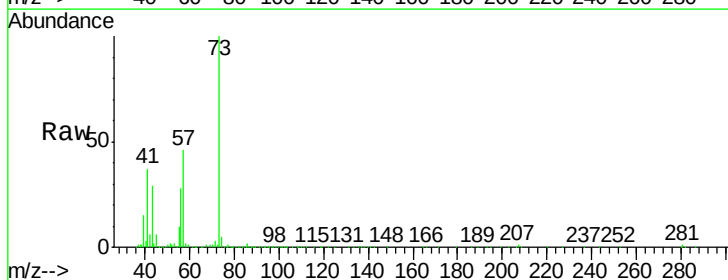
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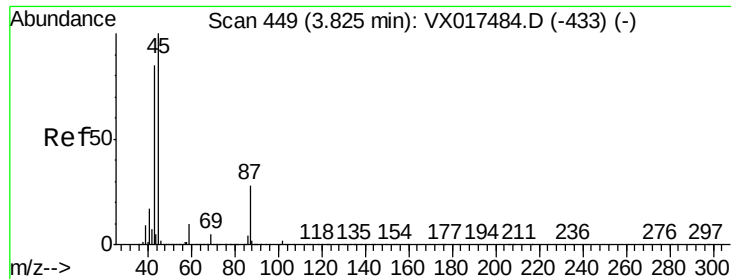
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#19
Methyl tert-butyl Ether
Concen: 8.424 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 73 Resp: 141135
Ion Ratio Lower Upper
73 100
57 45.9 17.0 25.4#





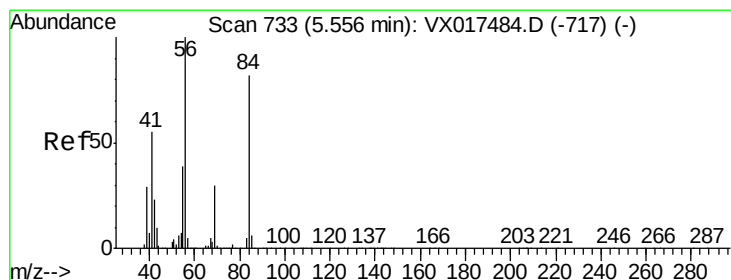
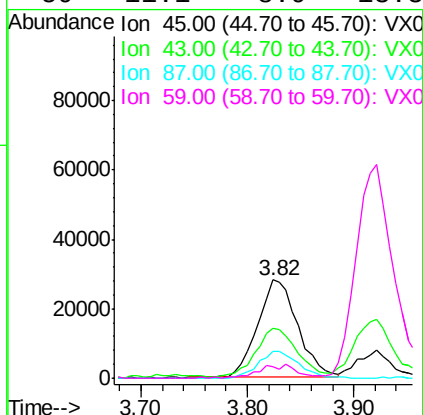
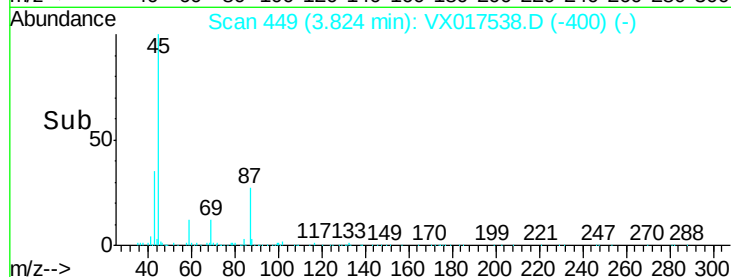
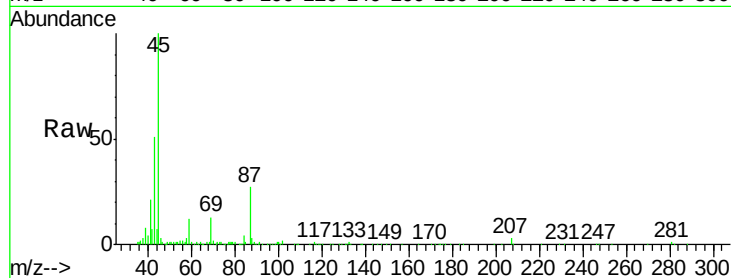
#22
Diisopropyl ether
Concen: 4.597 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampled :
1754

Tgt Ion	Ratio	Lower	Upper
45	100		
43	48.8	52.0	78.0#
87	27.7	22.2	33.4
59	11.1	8.9	13.3

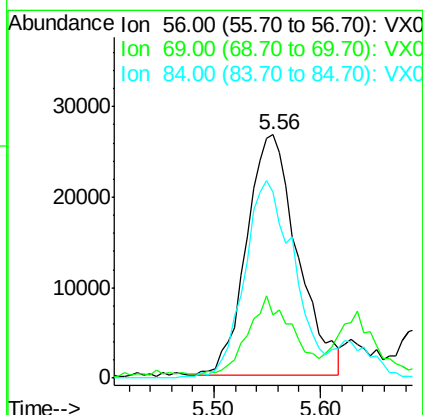
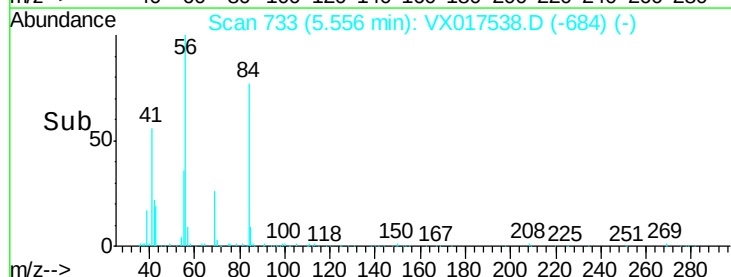
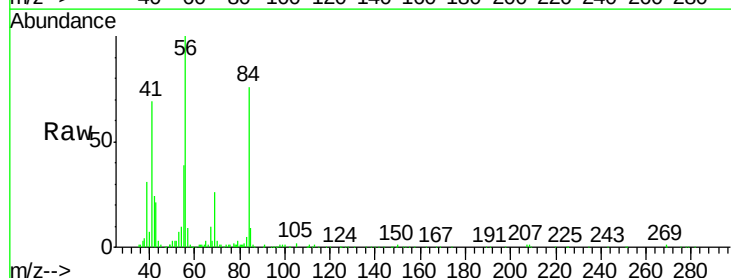
Manual Integrations
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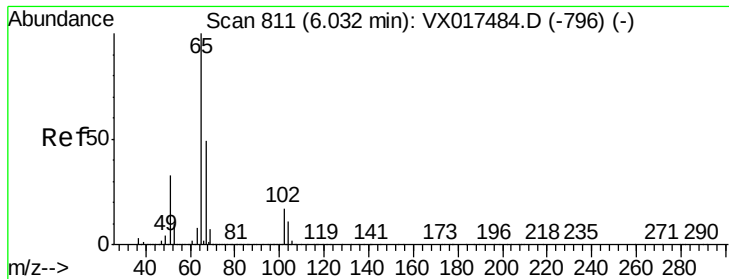
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#31
Cyclohexane
Concen: 12.053 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion	Ratio	Lower	Upper
56	100		
69	24.5	24.2	36.4
84	76.4	69.0	103.6





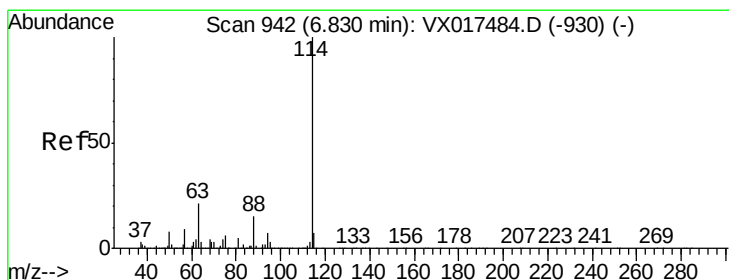
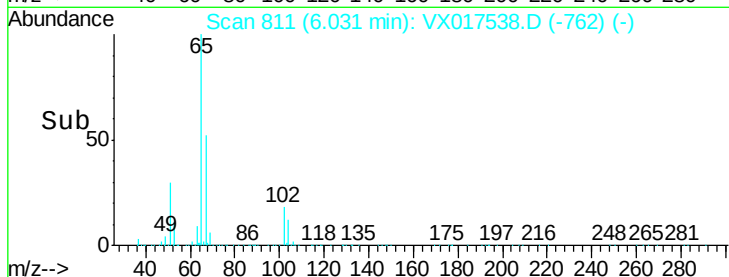
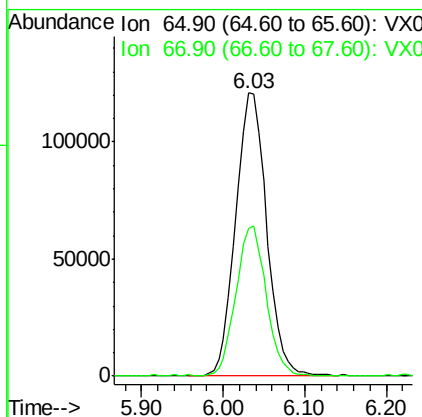
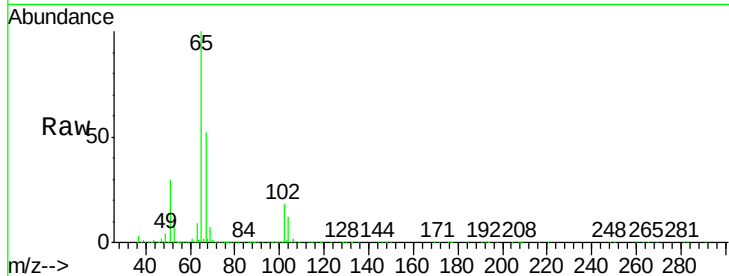
#33
 1,2-Dichloroethane-d4
 Concen: 52.746 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Instrument :
 MSVOA_X
 ClientSampled :
 1754

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	317519		
67	51.2	0.0	102.8	

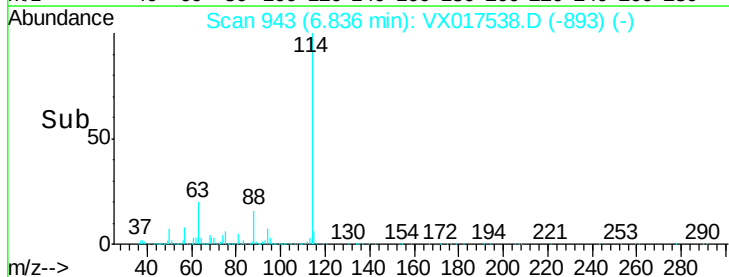
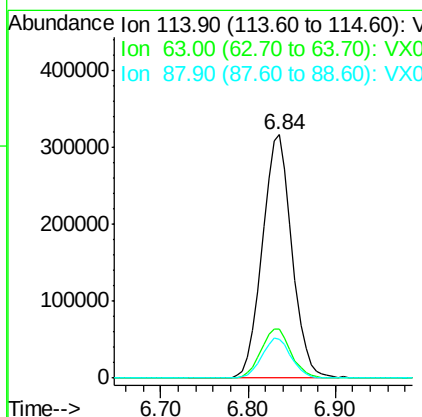
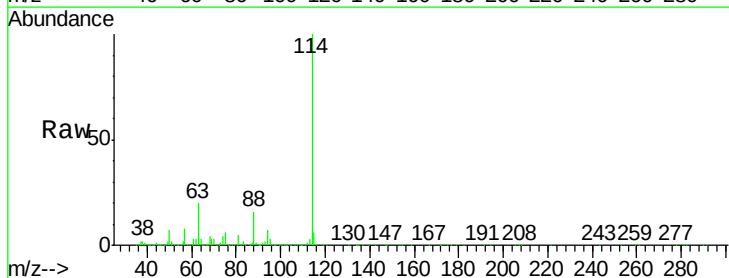
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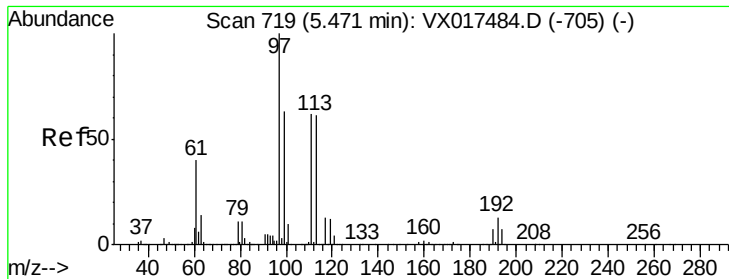
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	748097		
63	20.3	0.0	40.6	
88	15.8	0.0	33.4	





#35

Dibromofluoromethane

Concen: 51.820 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017538.D

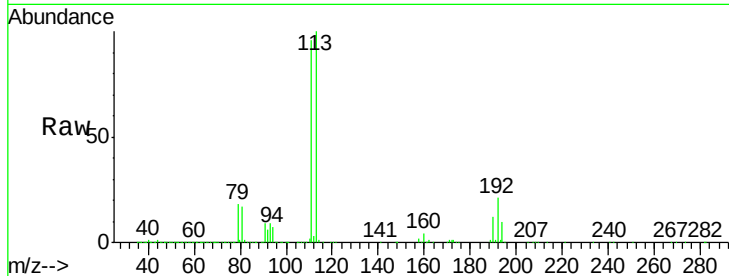
Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754



Tgt Ion: 113 Resp: 259270

Ion Ratio Lower Upper

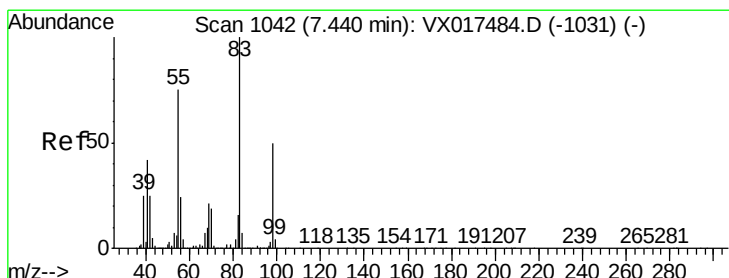
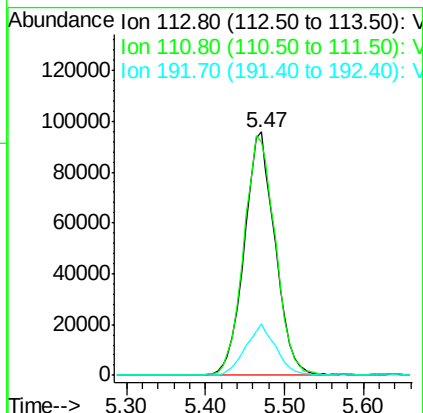
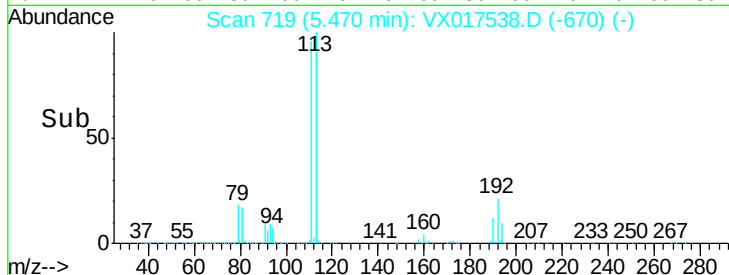
113 100

111 101.5 80.7 121.1

192 20.9 16.9 25.3

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#39

Methylcyclohexane

Concen: 9.112 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

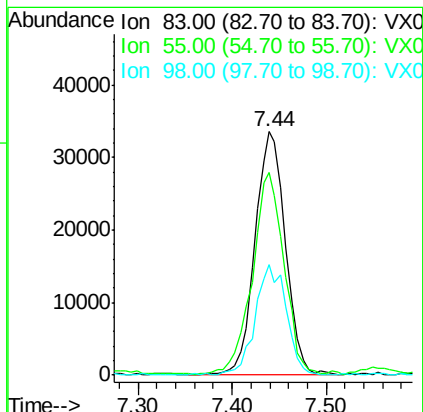
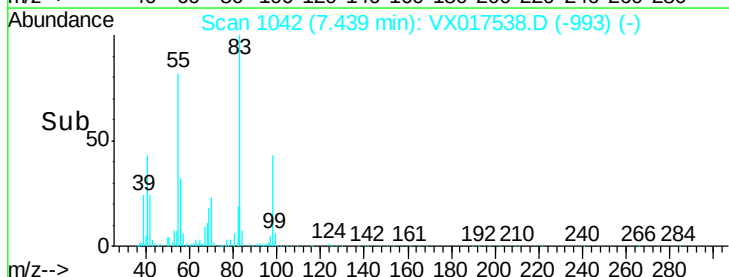
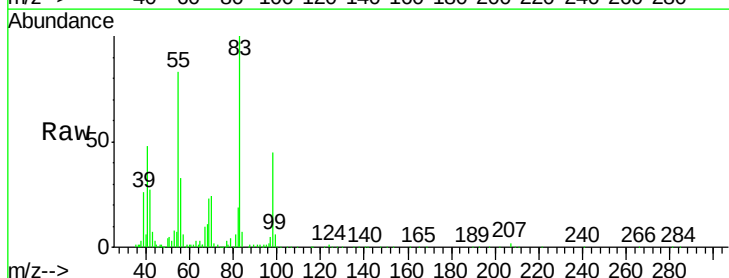
Tgt Ion: 83 Resp: 76324

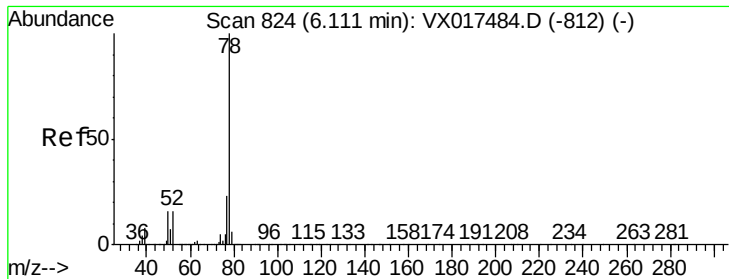
Ion Ratio Lower Upper

83 100

55 82.5 61.8 92.8

98 45.3 36.9 55.3





#40

Benzene

Concen: 122.896 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754

Tgt Ion: 78 Resp: 2527996

Ion Ratio Lower Upper

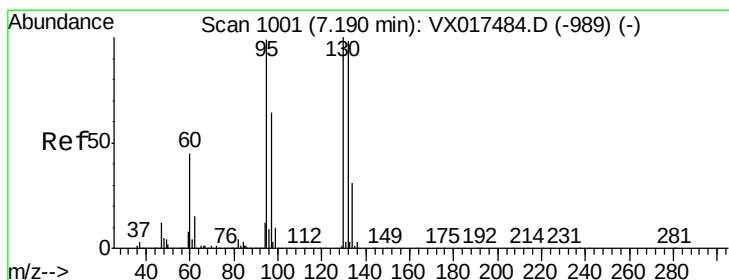
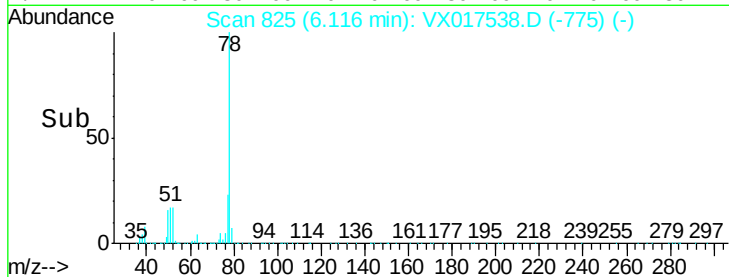
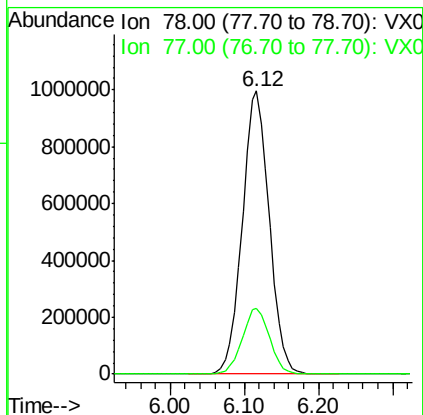
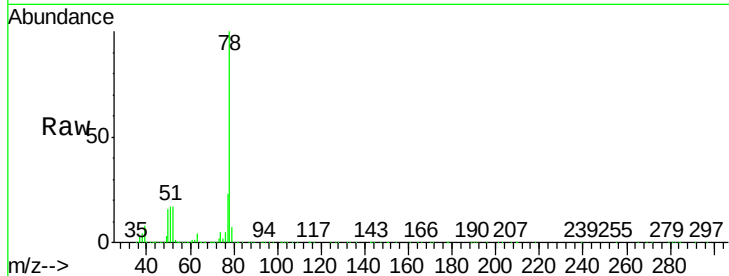
78 100

77 23.3 19.4 29.2

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#44

Trichloroethene

Concen: 0.315 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017538.D

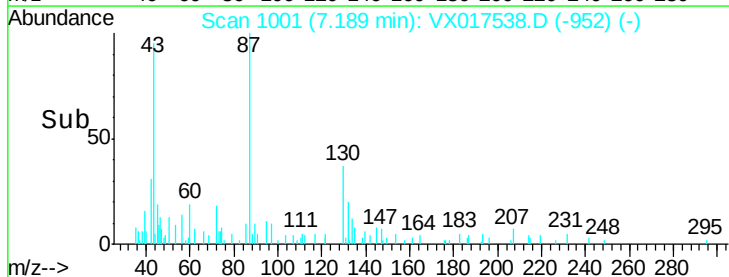
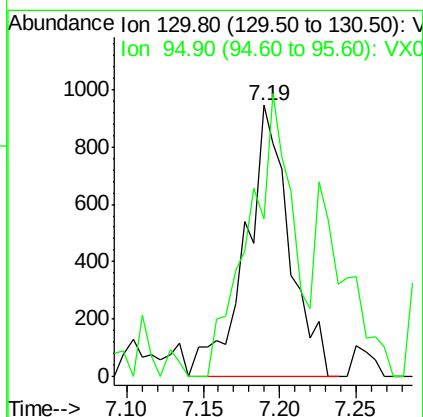
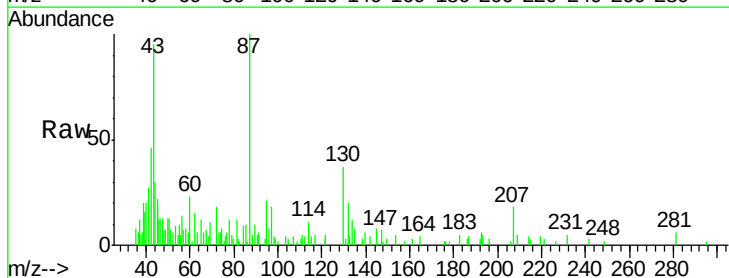
Acq: 24 Jul 2020 13:28

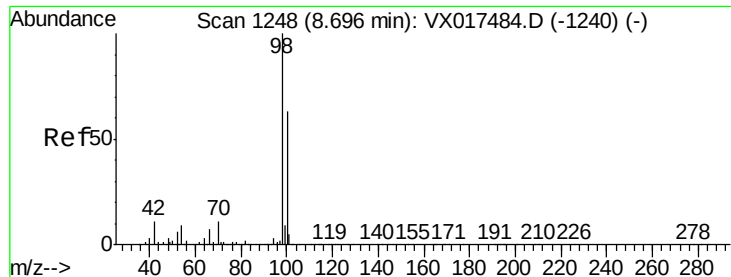
Tgt Ion: 130 Resp: 1891

Ion Ratio Lower Upper

130 100

95 58.1 0.0 189.0





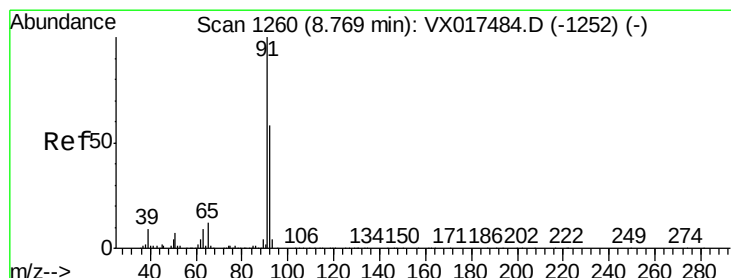
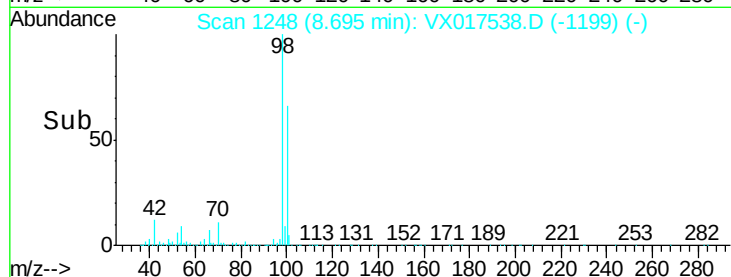
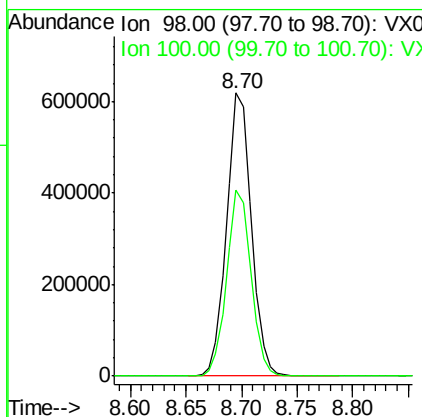
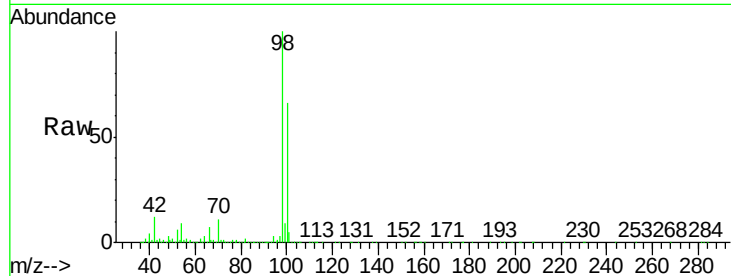
#50
Toluene-d8
Concen: 52.848 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
1754

Tgt Ion: 98 Resp: 953874
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

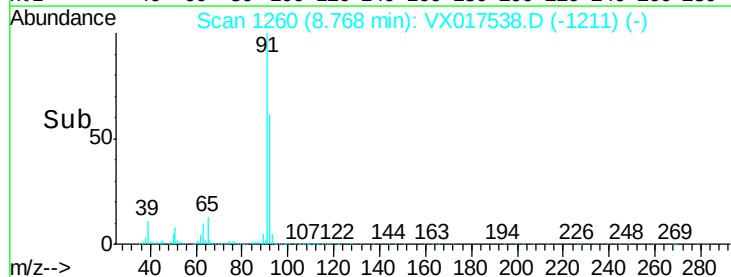
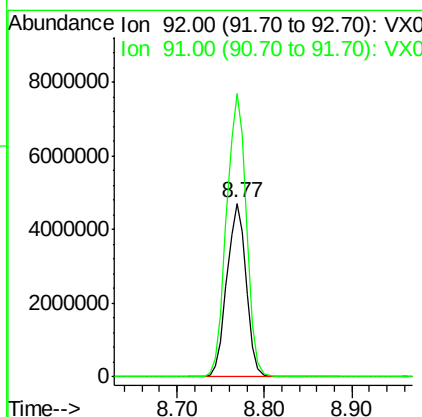
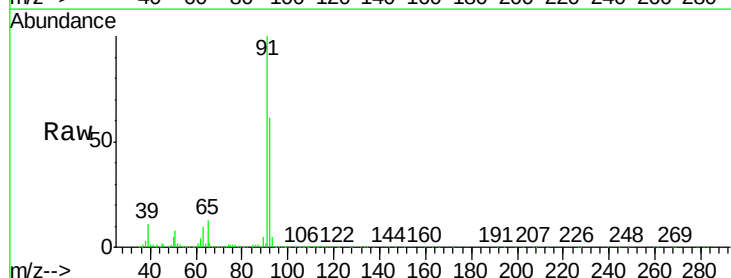
Manual Integrations
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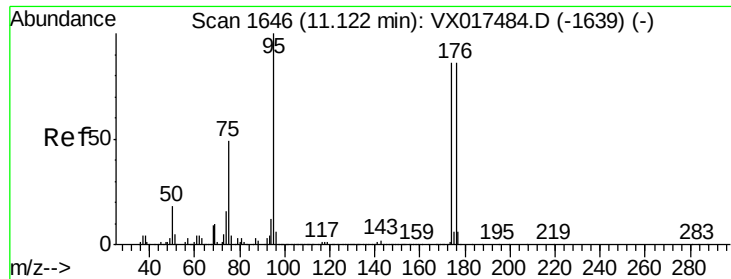
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#52
Toluene
Concen: 547.708 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 92 Resp: 7225378
Ion Ratio Lower Upper
92 100
91 167.7 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 57.242 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754

Tgt Ion: 95 Resp: 413480

Ion Ratio Lower Upper

95 100

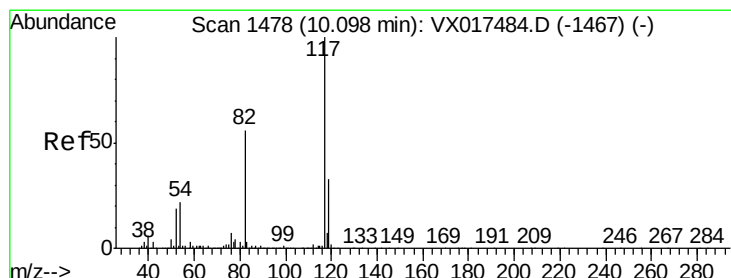
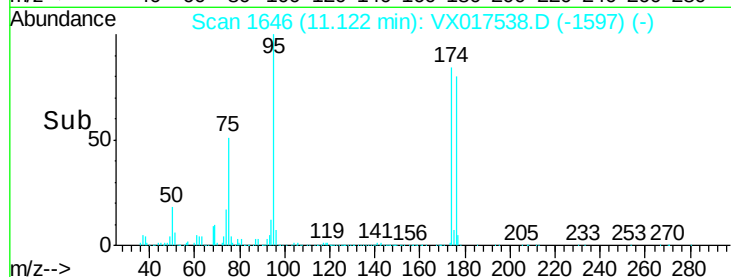
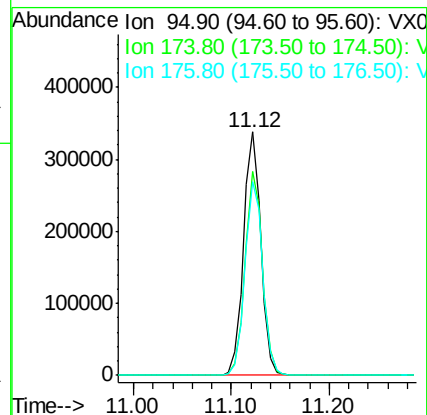
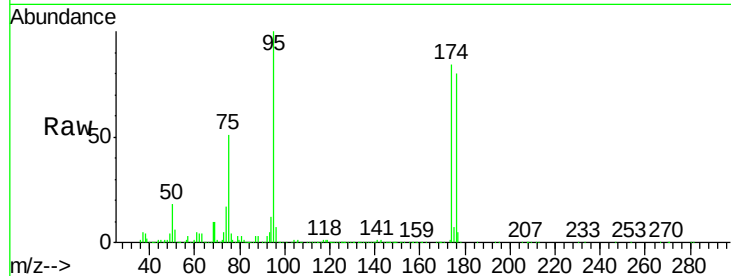
174 84.0 0.0 169.0

176 81.9 0.0 161.0

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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: VX017538.D

Acq: 24 Jul 2020 13:28

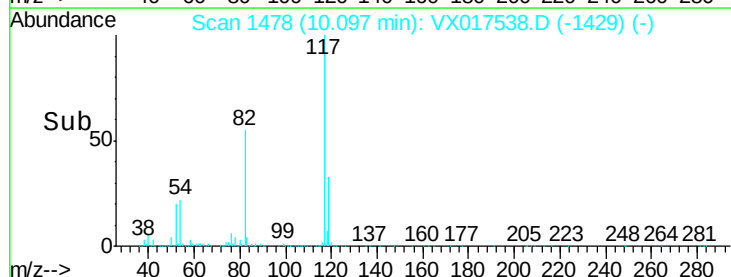
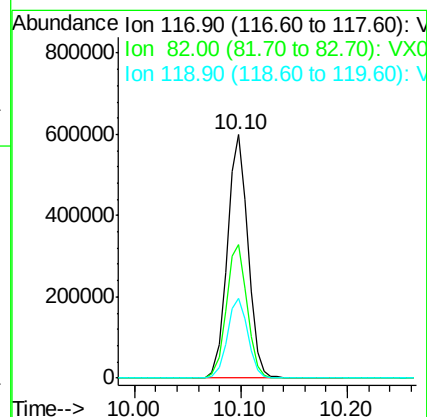
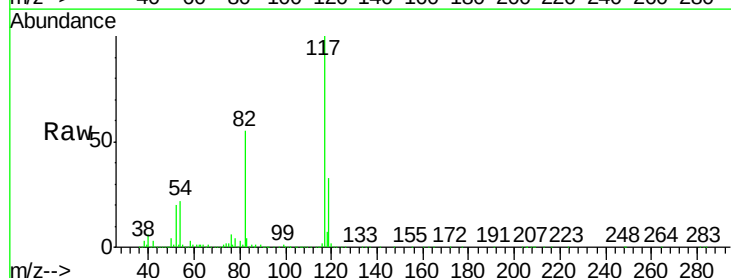
Tgt Ion: 117 Resp: 809573

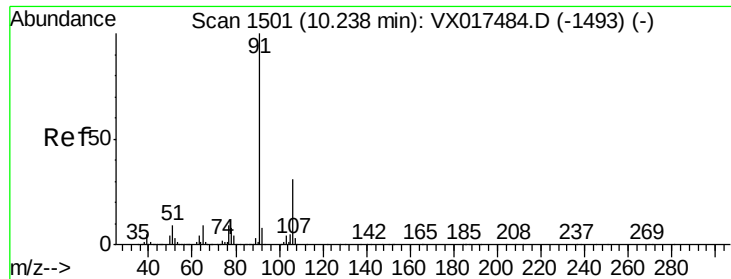
Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 32.6 25.4 38.0





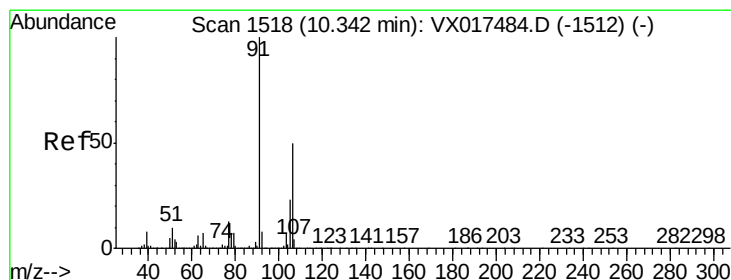
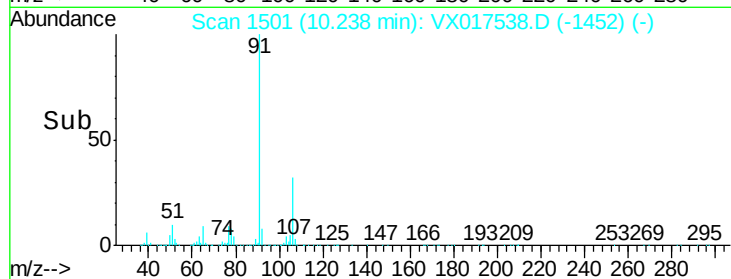
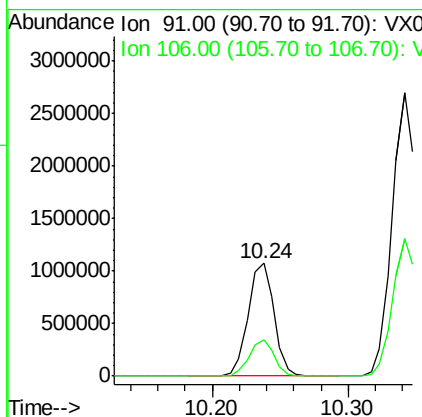
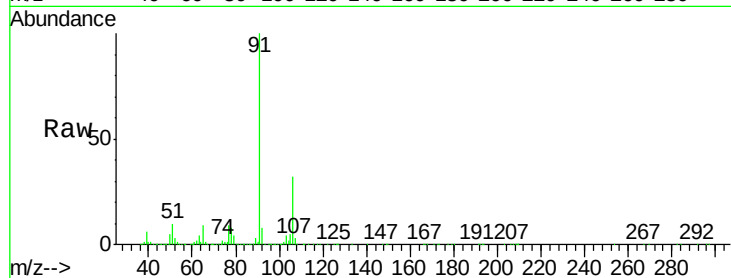
#67
Ethyl Benzene
Concen: 48.973 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampled :
1754

Tgt Ion: 91 Resp: 1432528
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6

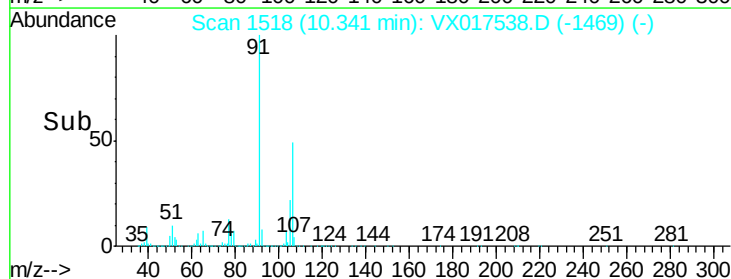
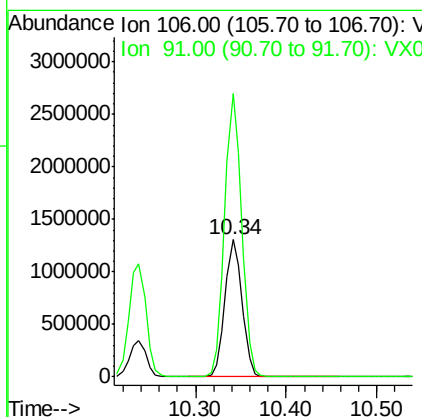
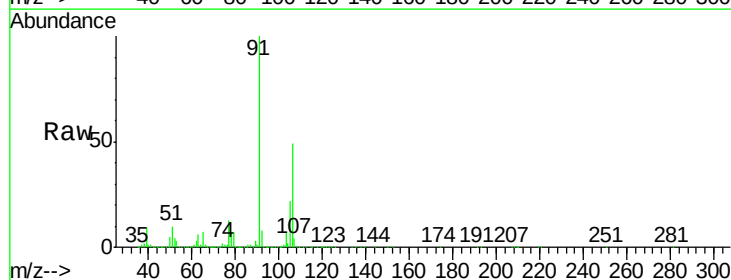
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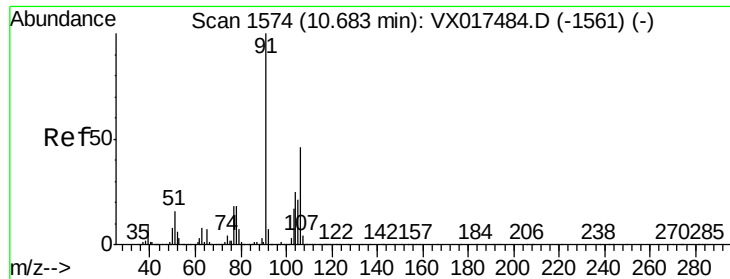
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#68
m/p-Xylenes
Concen: 151.828 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion: 106 Resp: 1720493
Ion Ratio Lower Upper
106 100
91 205.7 160.9 241.3





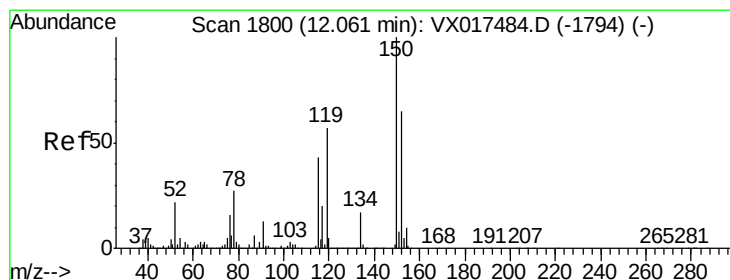
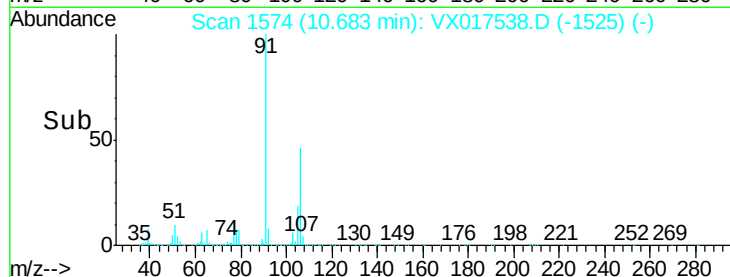
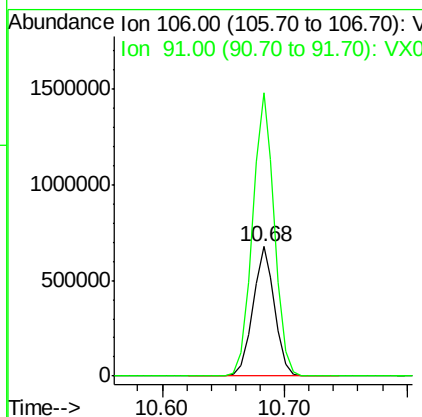
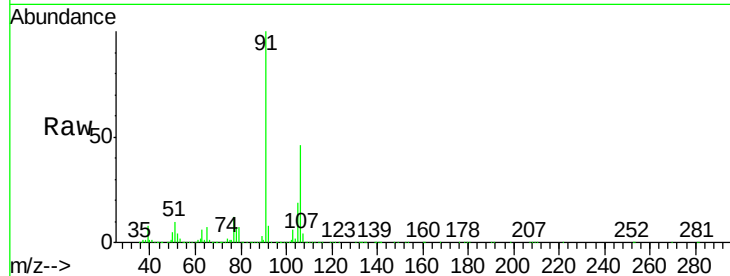
#69
o-Xylene
Concen: 76.552 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
1754

Tgt Ion:106 Resp: 834316
Ion Ratio Lower Upper
106 100
91 219.8 108.2 324.6

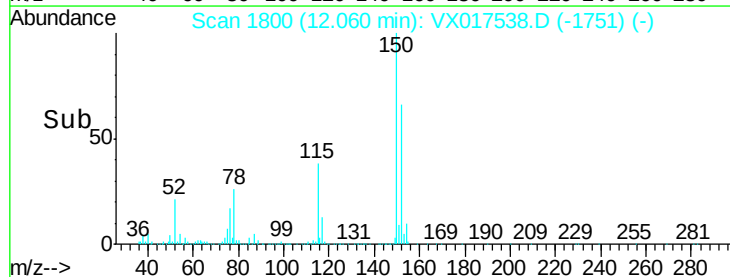
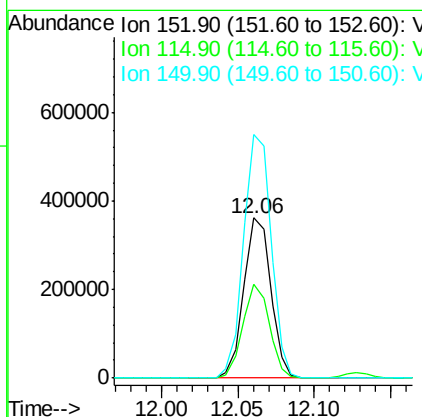
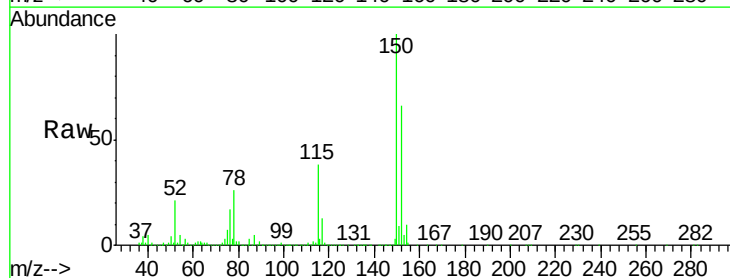
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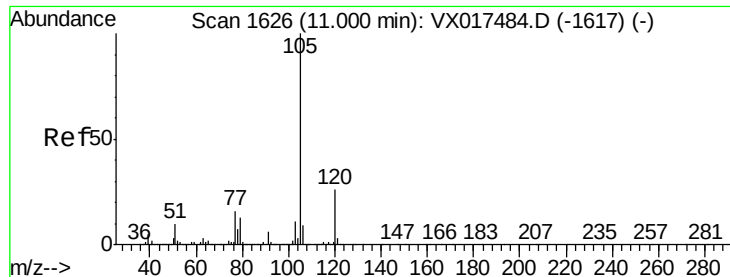
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Tgt Ion:152 Resp: 445804
Ion Ratio Lower Upper
152 100
115 57.6 65.5 196.6#
150 155.8 0.0 412.6





#73

Isopropylbenzene

Concen: 2.112 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017538.D

Acq: 24 Jul 2020 13:28

Instrument :

MSVOA_X

ClientSampled :

1754

Tgt Ion: 105 Resp: 64600

Ion Ratio Lower Upper

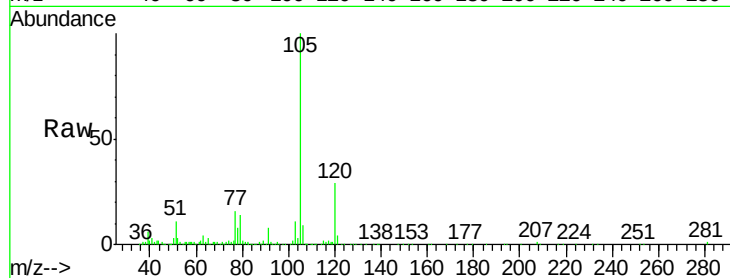
105 100

120 28.0 13.3 39.8

Manual Integrations
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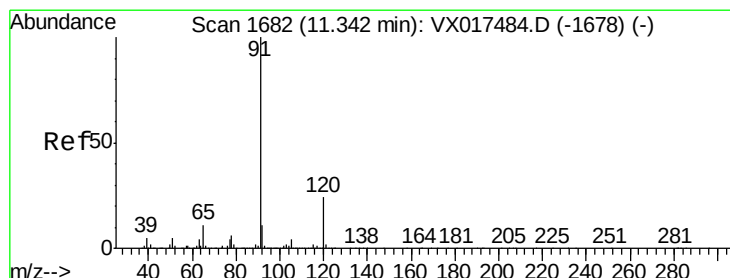
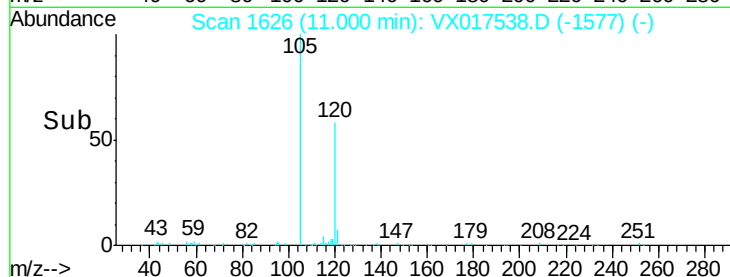
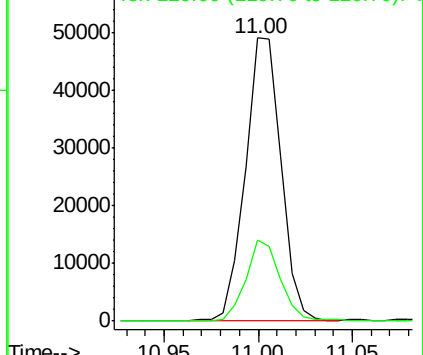
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 6.252 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017538.D

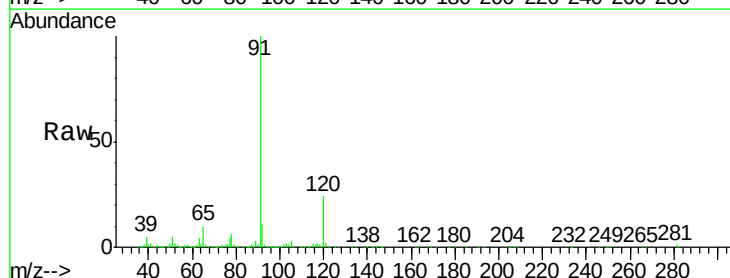
Acq: 24 Jul 2020 13:28

Tgt Ion: 91 Resp: 215662

Ion Ratio Lower Upper

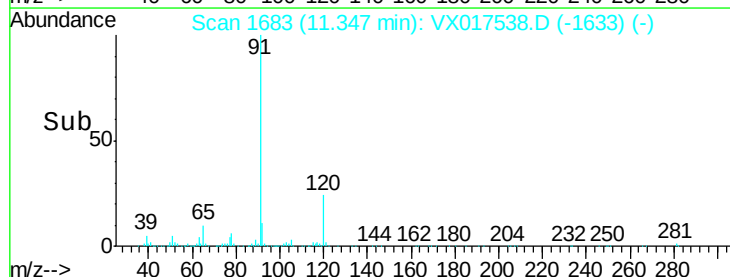
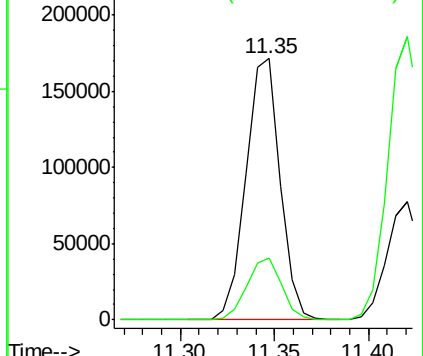
91 100

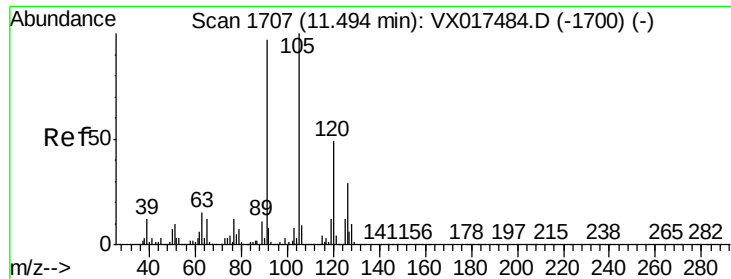
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





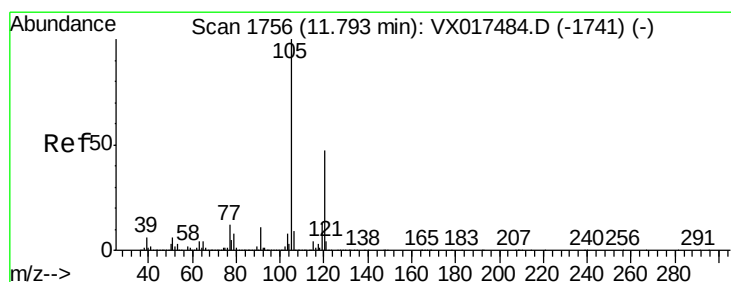
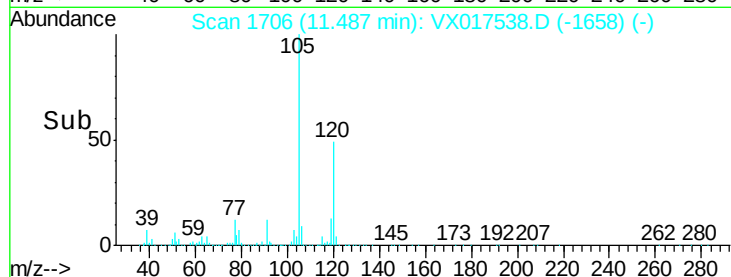
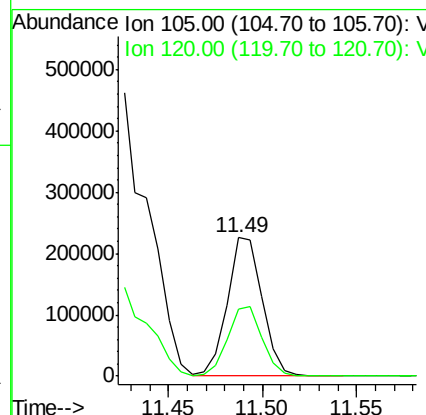
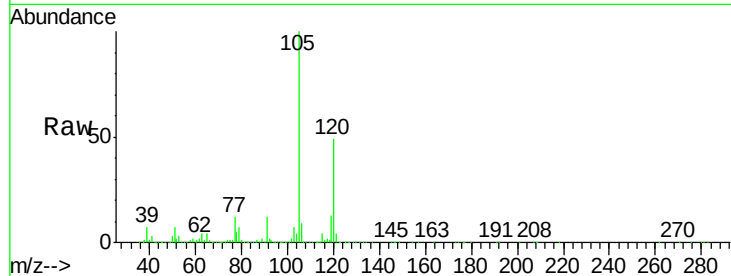
#80
 1,3,5-Trimethylbenzene
 Concen: 11.085 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Instrument :
 MSVOA_X
 ClientSampled :
 1754

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.1	72.3

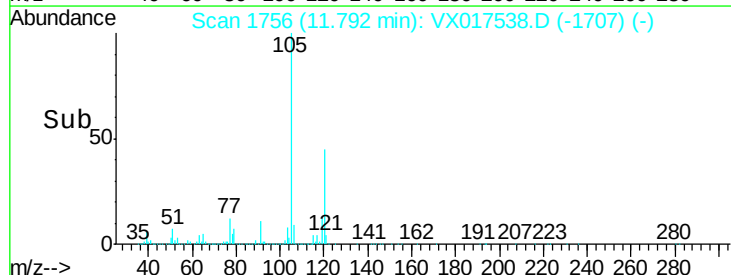
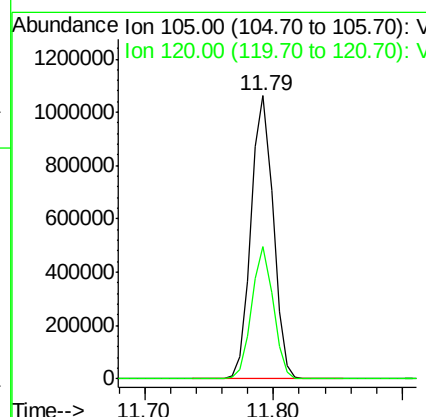
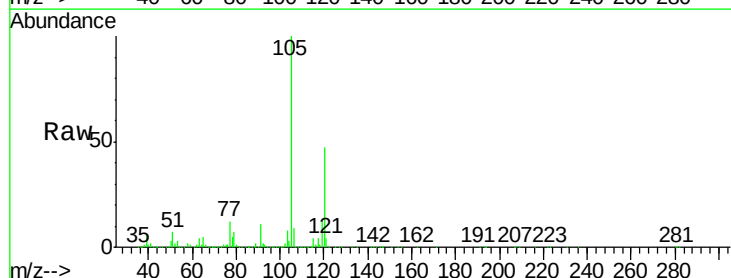
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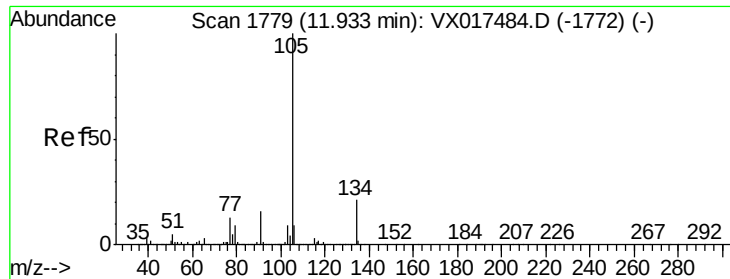
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.026 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0





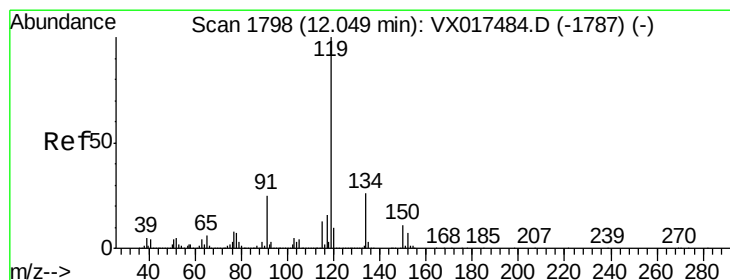
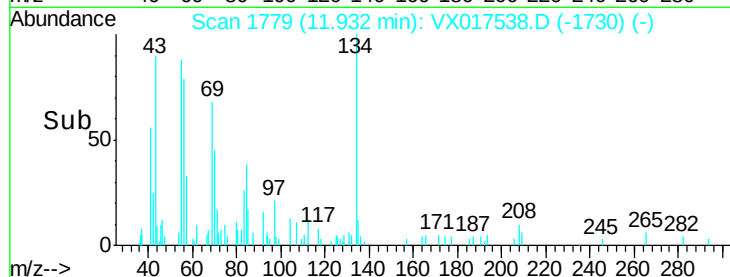
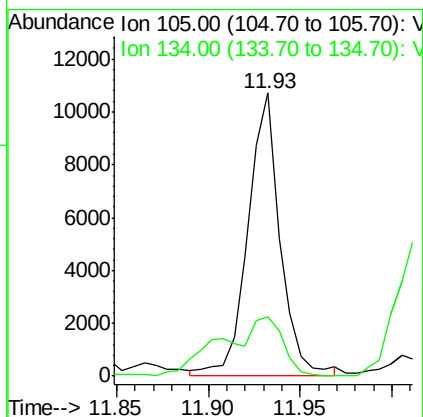
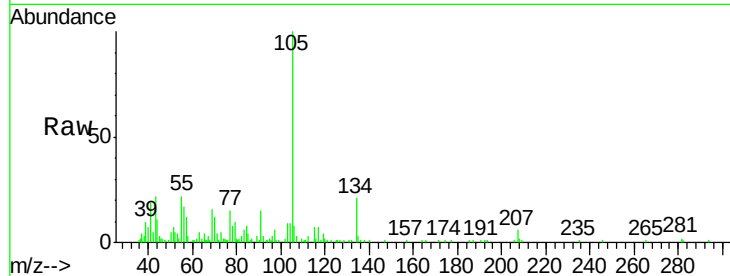
#85
 sec-Butylbenzene
 Concen: 0.450 ug/l m
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 1754

Tgt Ion:105 Resp: 13108
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

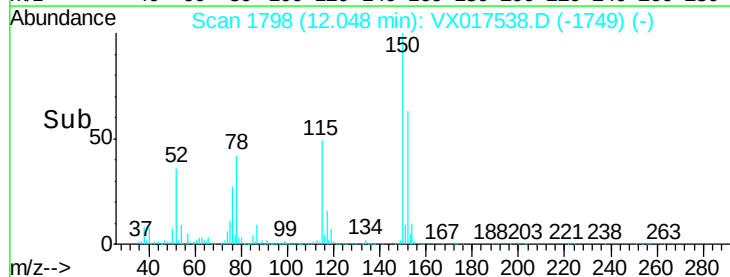
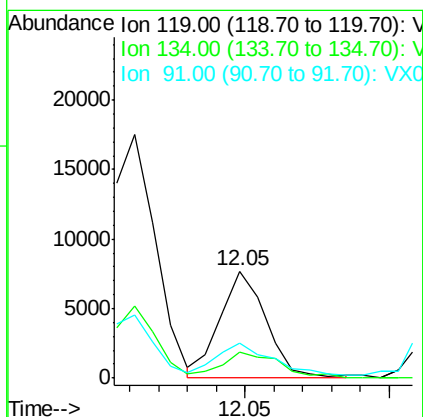
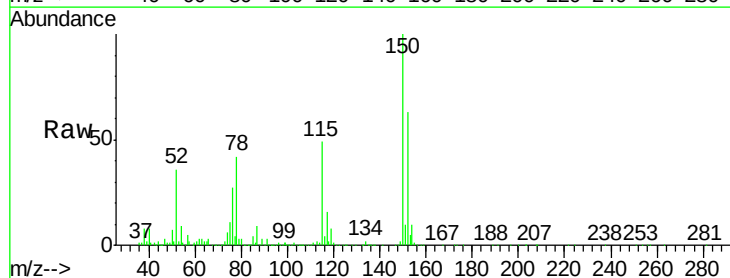
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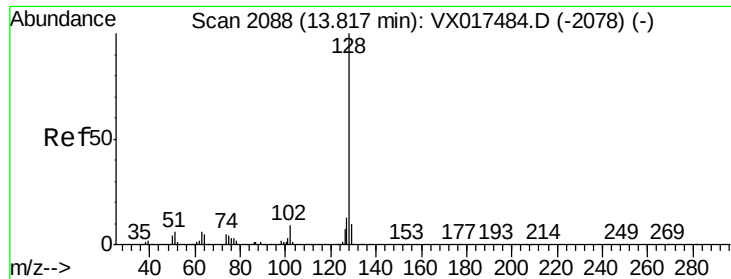
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#86
 p-Isopropyltoluene
 Concen: 0.314 ug/l m
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017538.D
 Acq: 24 Jul 2020 13:28

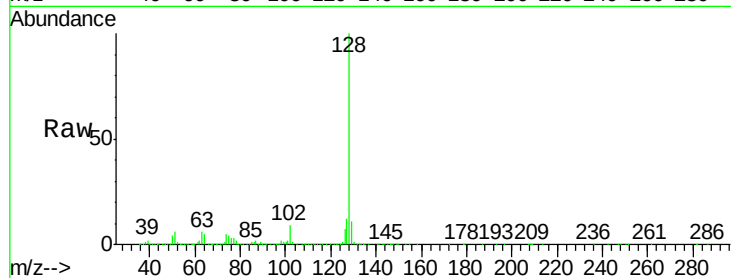
Tgt Ion:119 Resp: 8690
 Ion Ratio Lower Upper
 119 100
 134 71.2 13.1 39.3#
 91 58.8 12.1 36.3#





#95
Naphthalene
Concen: 16.506 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017538.D
Acq: 24 Jul 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
1754



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
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