

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017554.D
 Acq On : 24 Jul 2020 19:33
 Operator : JC/SP
 Sample : L3402-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

Manual Integrations
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MMDadoda
 7/27/2020 11:03:33 AM

Quant Time: Jul 25 03:52:52 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	5.64	168	469133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	825627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	468070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	350734	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	5.46	113	267007	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.70	98	1082950	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	11.12	95	482471	62.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.20%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	179247	67.580	ug/l	97
18) Methyl Acetate	2.75	43	7147	1.144	ug/l #	86
20) Methylene Chloride	2.84	84	49699	8.893	ug/l	97
25) 2-Butanone	4.64	43	59040	15.669	ug/l	95
43) Isopropyl Acetate	6.42	43	112893	8.169	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	380596m	46.156	ug/l	
52) Toluene	8.77	92	63800	4.533	ug/l	100
67) Ethyl Benzene	10.24	91	182839	6.129	ug/l	93
68) m/p-Xylenes	10.34	106	214629	18.572	ug/l	97
69) o-Xylene	10.68	106	159381	14.339	ug/l	99
73) Isopropylbenzene	11.01	105	45196	1.408	ug/l	95
78) n-propylbenzene	11.34	91	120643	3.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	188288	6.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	810609	29.727	ug/l	99
85) sec-Butylbenzene	11.93	105	38833	1.271	ug/l	87
86) p-Isopropyltoluene	12.05	119	26059	0.895	ug/l	87
89) n-Butylbenzene	12.37	91	80703	3.112	ug/l #	38
95) Naphthalene	13.82	128	446188	14.435	ug/l	100

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

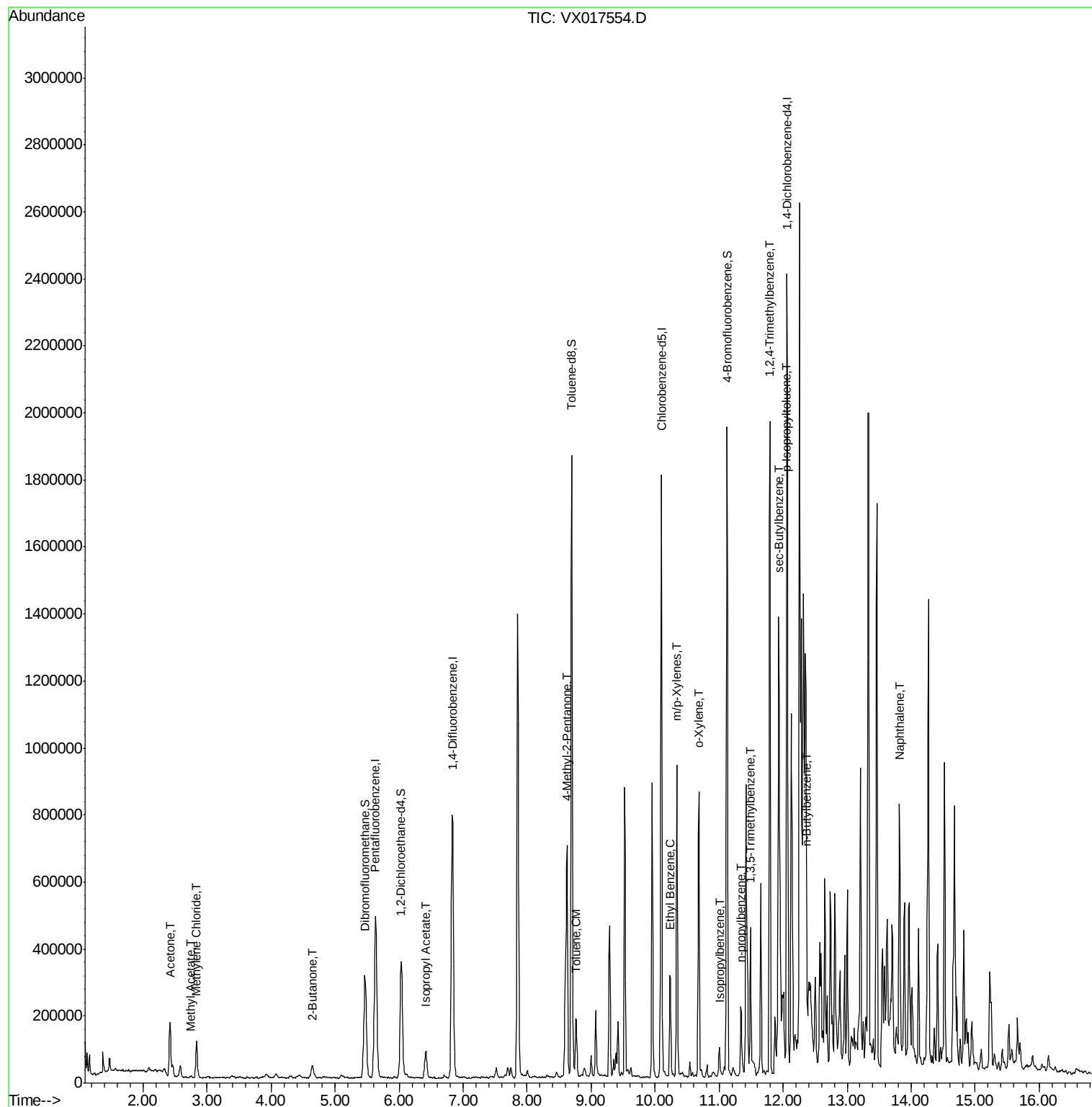
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017554.D
Acq On : 24 Jul 2020 19:33
Operator : JC/SP
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ALS Vial : 24 Sample Multiplier: 1

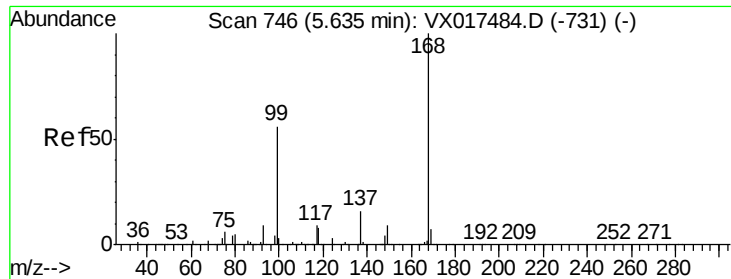
Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

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Quant Time: Jul 25 03:52:52 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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

Tgt Ion:168 Resp: 469133

Ion Ratio Lower Upper

168 100

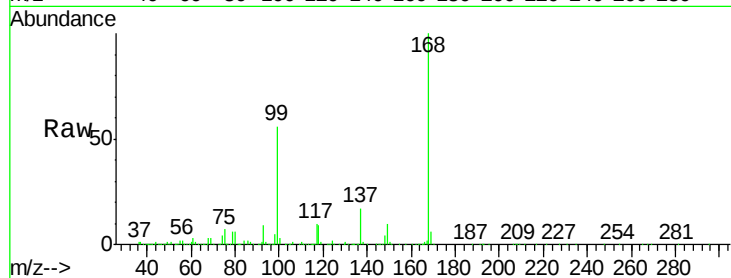
99 55.8 43.4 65.2

Manual Integrations

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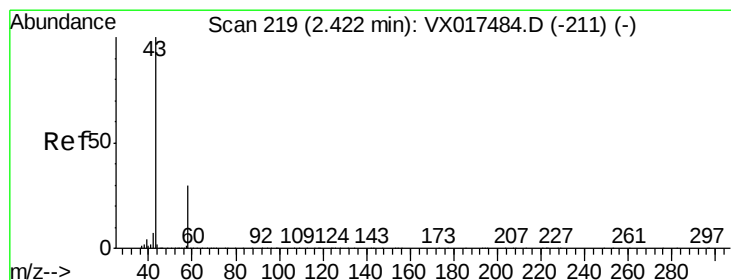
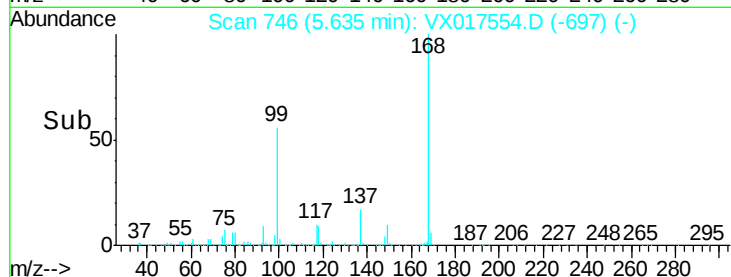
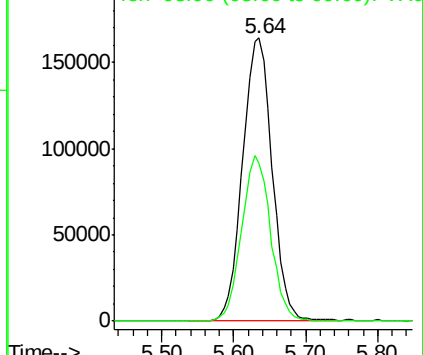
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 67.580 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017554.D

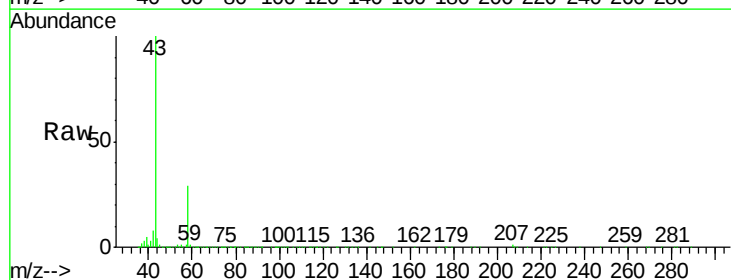
Acq: 24 Jul 2020 19:33

Tgt Ion: 43 Resp: 179247

Ion Ratio Lower Upper

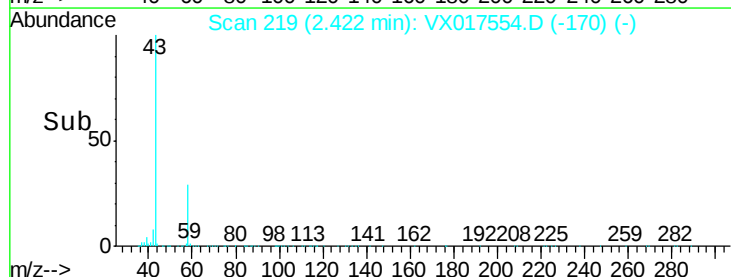
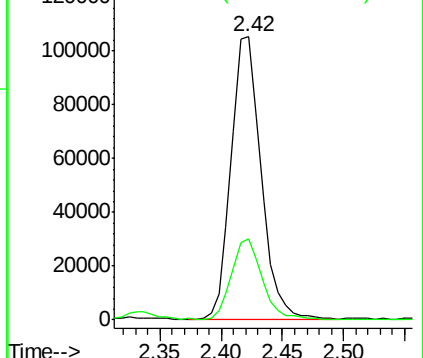
43 100

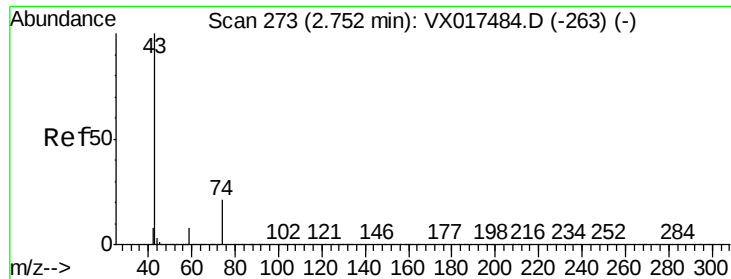
58 28.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





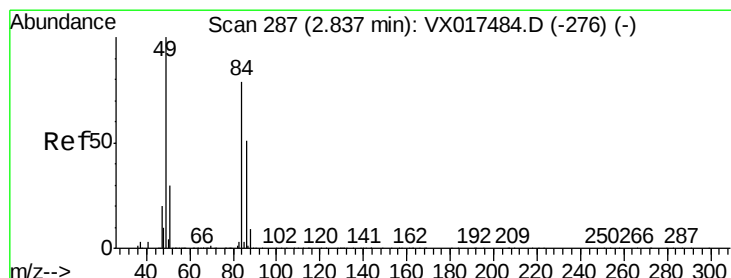
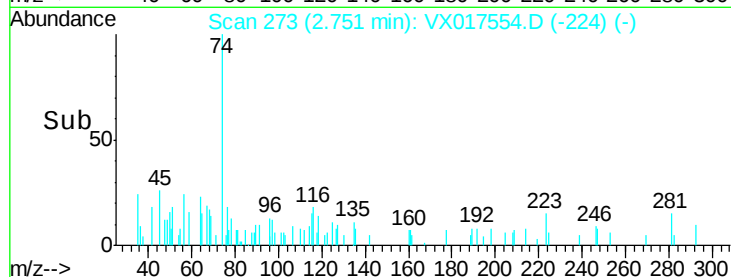
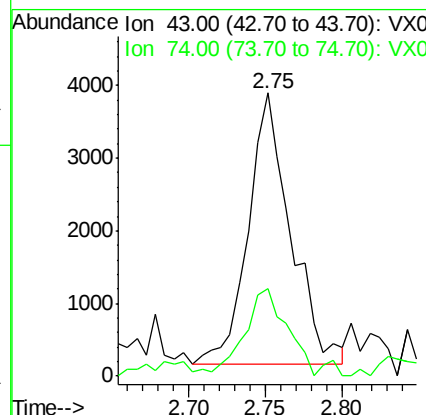
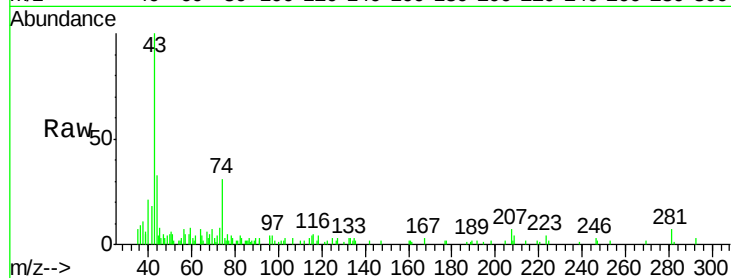
#18
Methyl Acetate
Concen: 1.144 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 43 Resp: 7147
Ion Ratio Lower Upper
43 100
74 28.8 17.5 26.3#

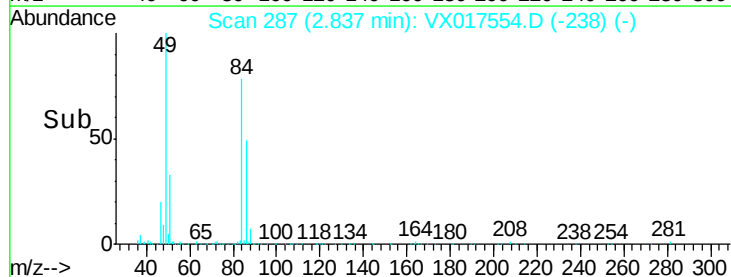
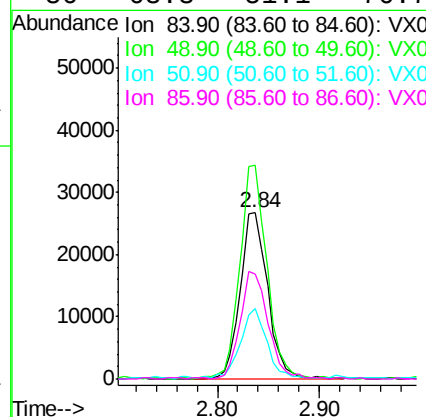
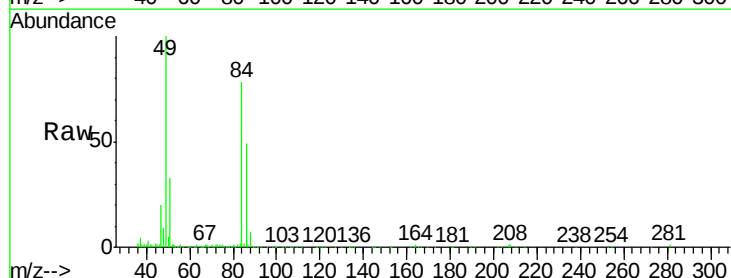
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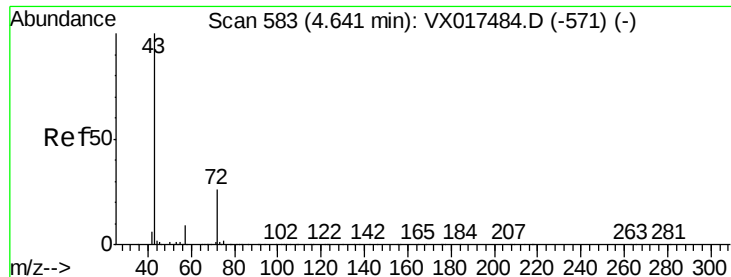
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#20
Methylene Chloride
Concen: 8.893 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 84 Resp: 49699
Ion Ratio Lower Upper
84 100
49 128.7 100.3 150.5
51 42.2 30.5 45.7
86 63.3 51.1 76.7





#25

2-Butanone

Concen: 15.669 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

Tgt Ion: 43 Resp: 59040

Ion Ratio Lower Upper

43 100

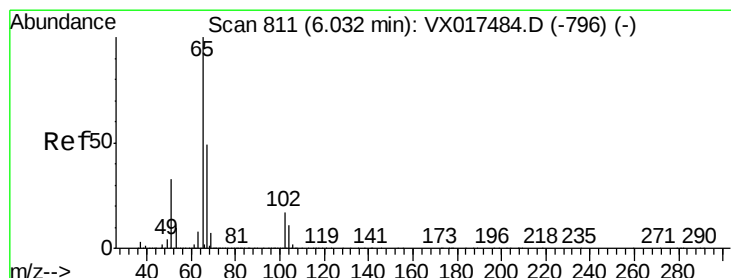
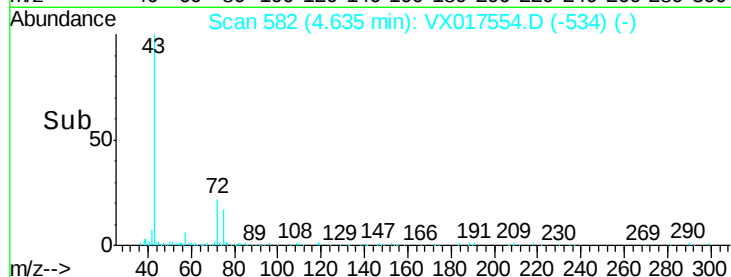
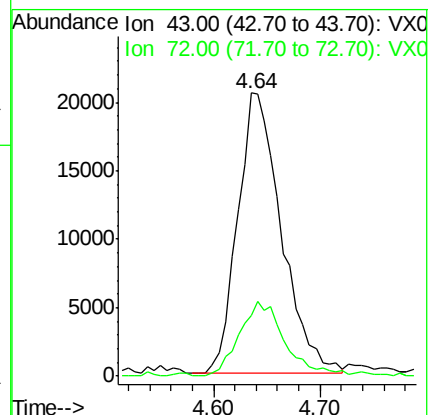
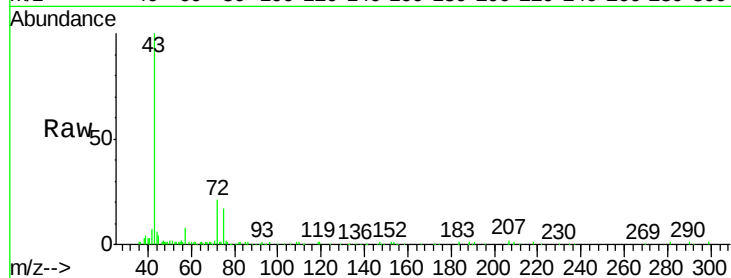
72 21.3 19.0 28.4

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#33

1,2-Dichloroethane-d4

Concen: 58.201 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017554.D

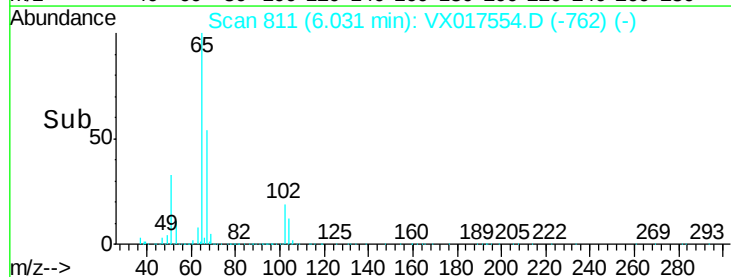
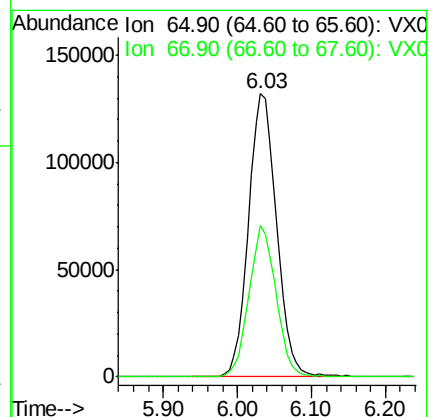
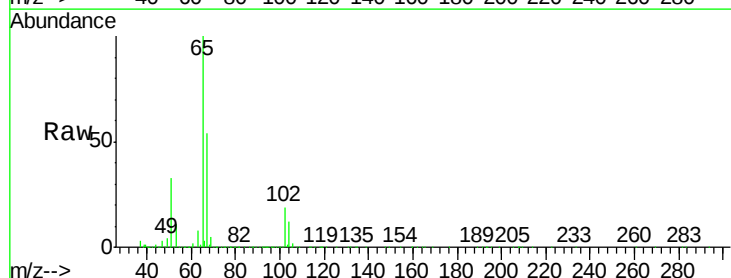
Acq: 24 Jul 2020 19:33

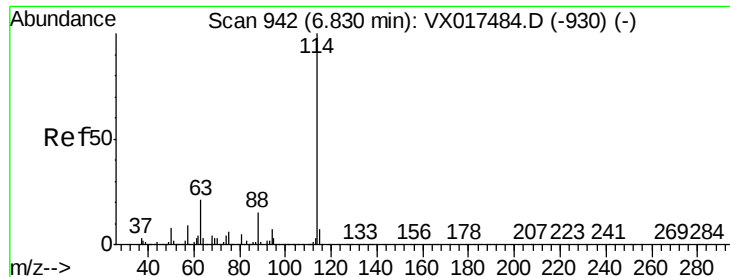
Tgt Ion: 65 Resp: 350734

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

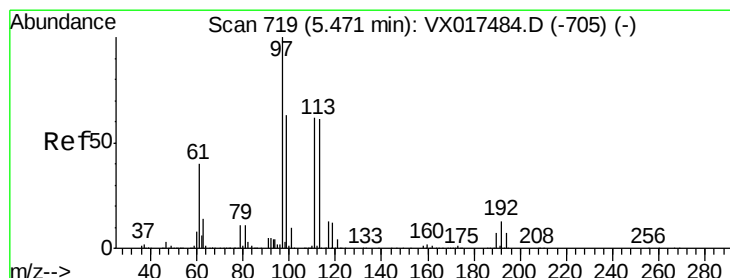
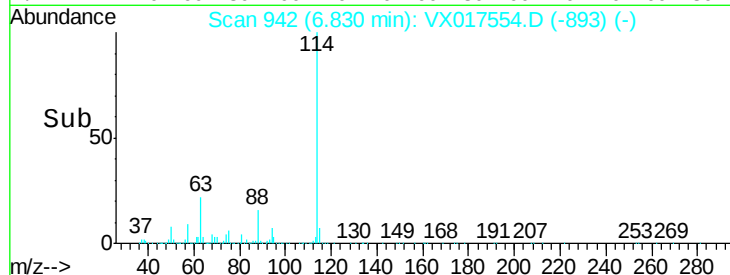
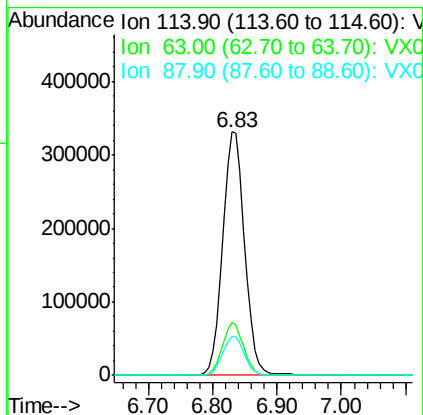
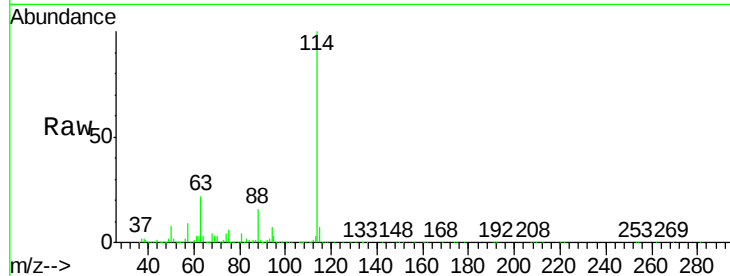
ClientSampleId :

CHASSIE-WASH

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	798189		
63	21.6	0.0	40.6	
88	16.1	0.0	33.4	

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#35

Dibromofluoromethane

Concen: 50.017 ug/l

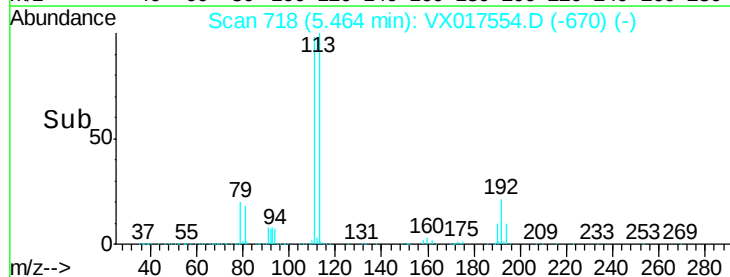
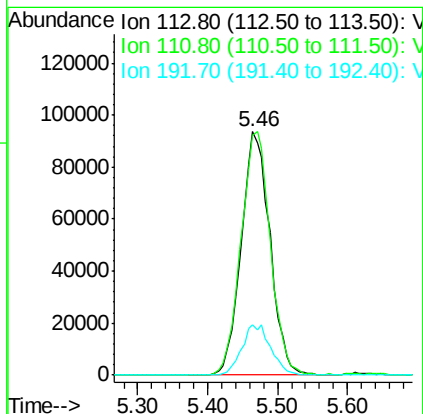
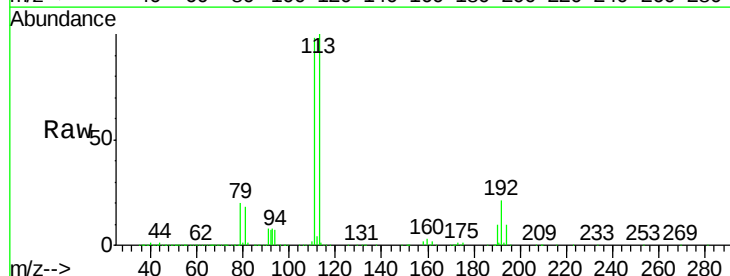
RT: 5.46 min Scan# 718

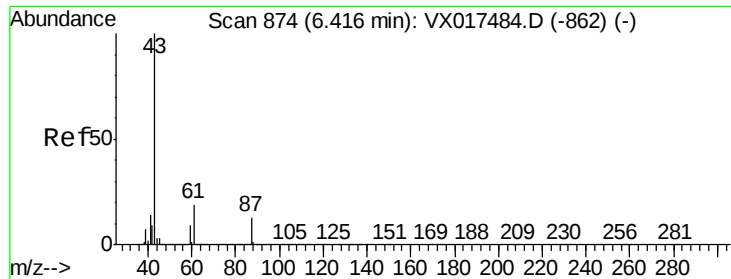
Delta R.T. -0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	267007		
111	101.9	80.7	121.1	
192	21.0	16.9	25.3	





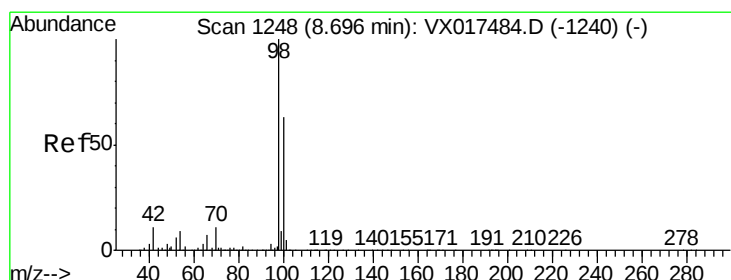
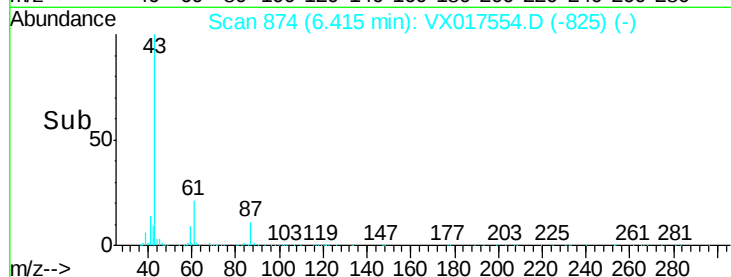
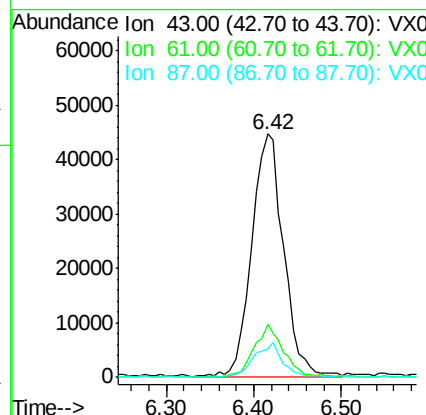
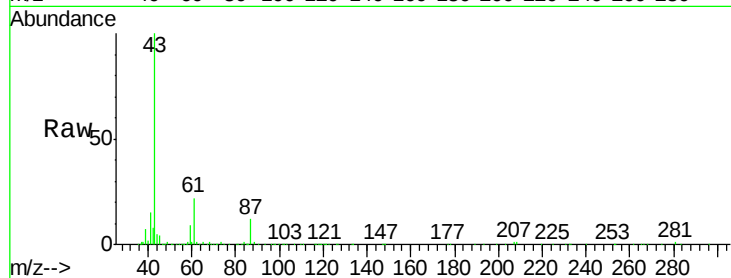
#43
Isopropyl Acetate
Concen: 8.169 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

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MSVOA_X
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Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.5	23.3
87	12.9	10.5	15.7

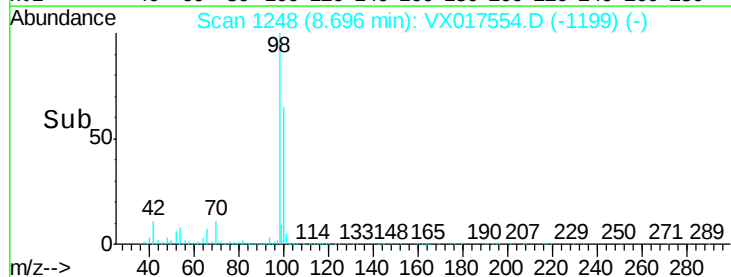
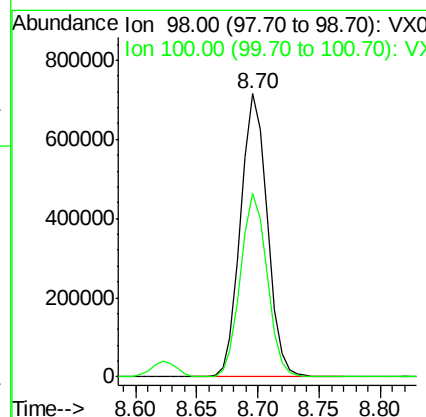
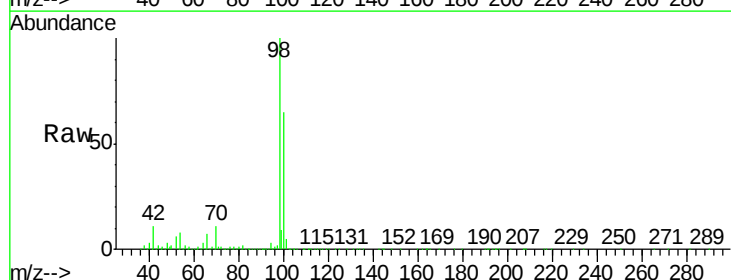
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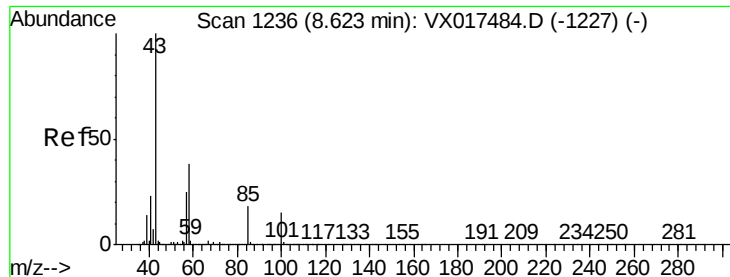
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#50
Toluene-d8
Concen: 56.234 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





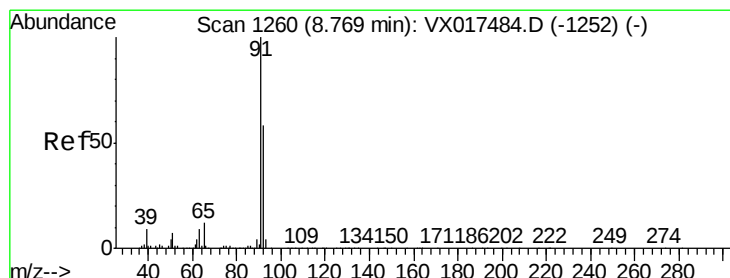
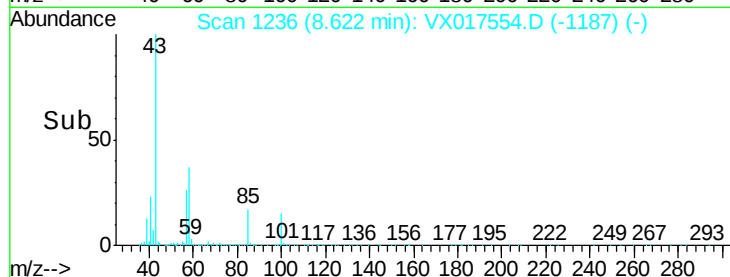
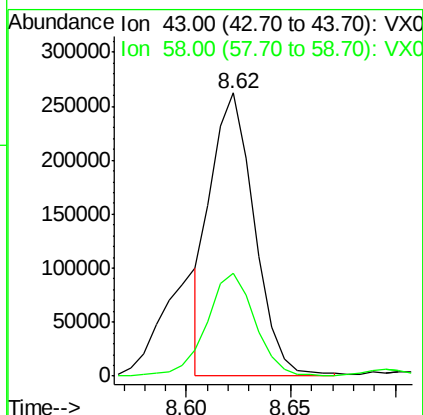
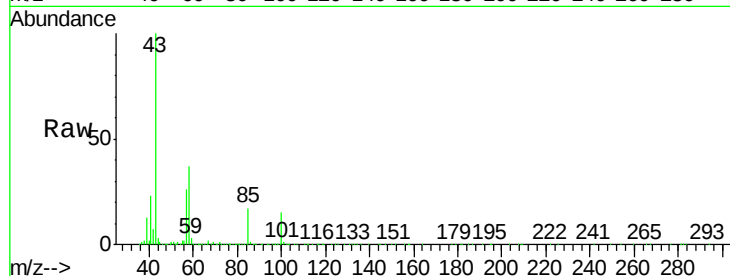
#51
4-Methyl-2-Pentanone
Concen: 46.156 ug/l m
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

Tgt Ion: 43 Resp: 380596
Ion Ratio Lower Upper
43 100
58 40.7 31.0 46.4

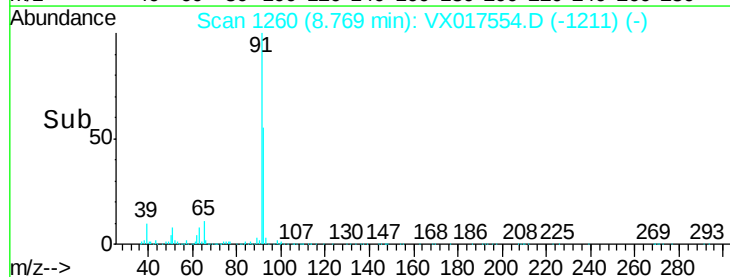
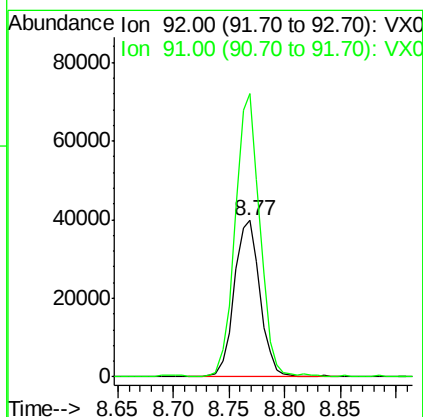
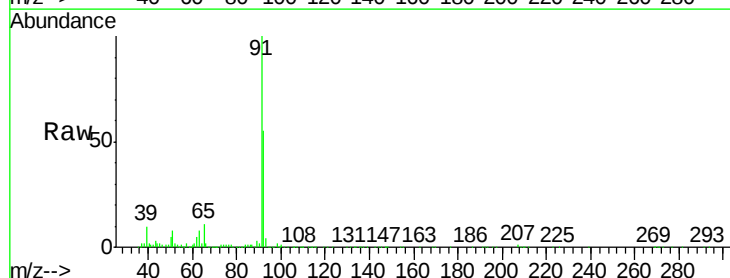
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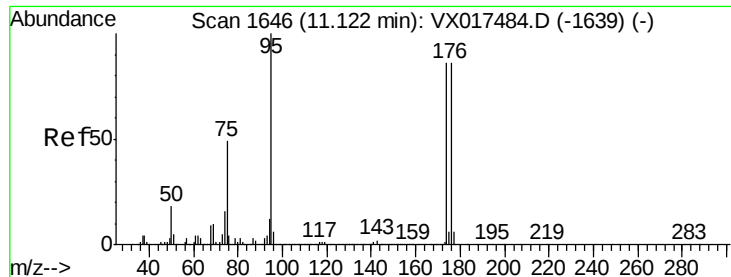
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#52
Toluene
Concen: 4.533 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 92 Resp: 63800
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 62.601 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

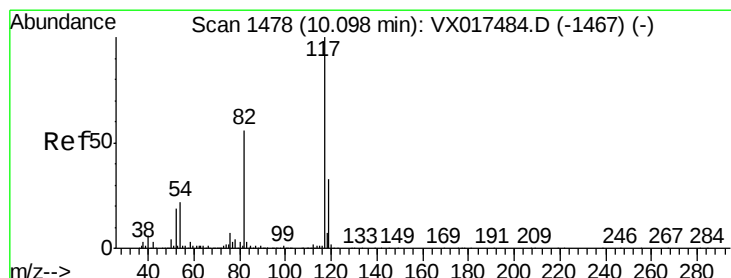
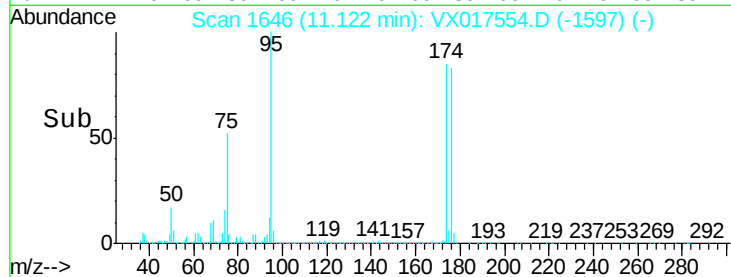
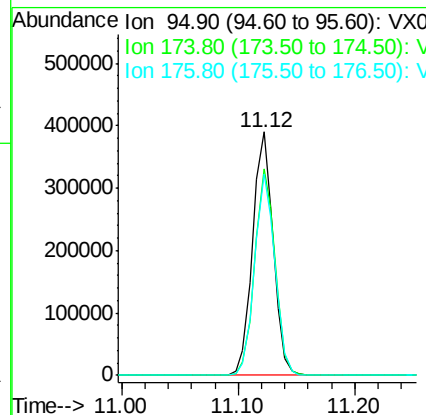
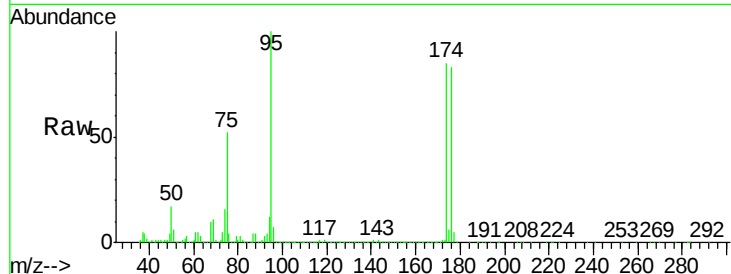
ClientSampleId :

CHASSIE-WASH

Tgt Ion:	95	Resp:	482471
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	169.0
176	82.1	0.0	161.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

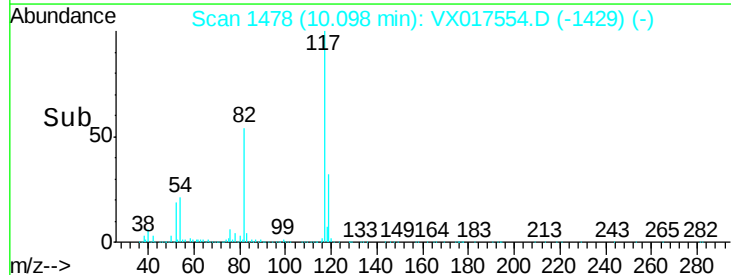
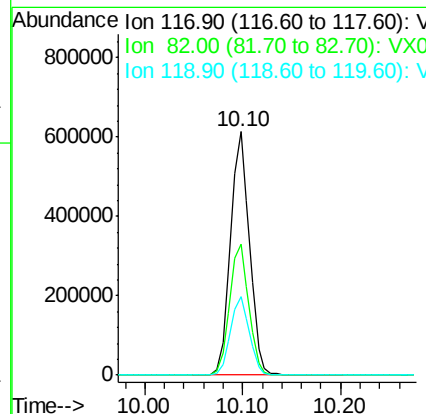
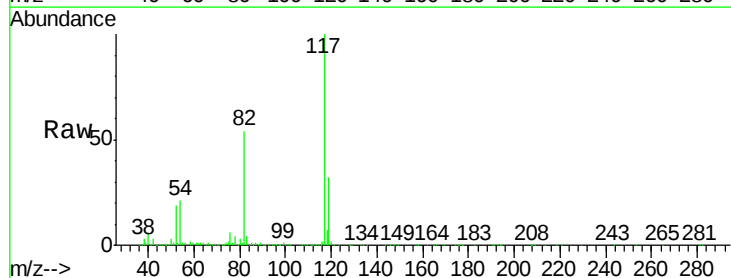
RT: 10.10 min Scan# 1478

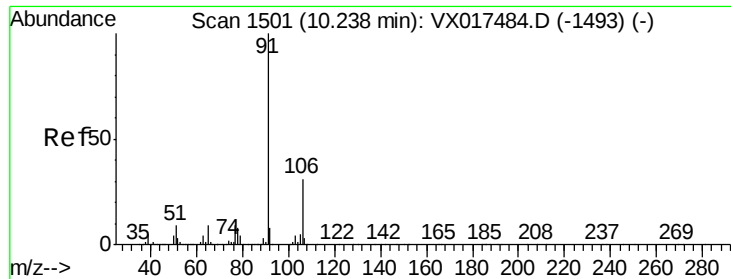
Delta R.T. -0.00 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Tgt Ion:	117	Resp:	825627
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.0	66.0
119	32.3	25.4	38.0





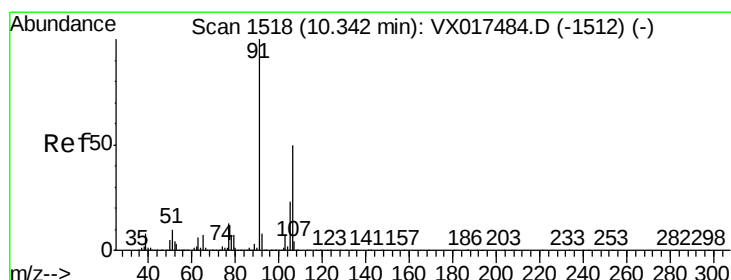
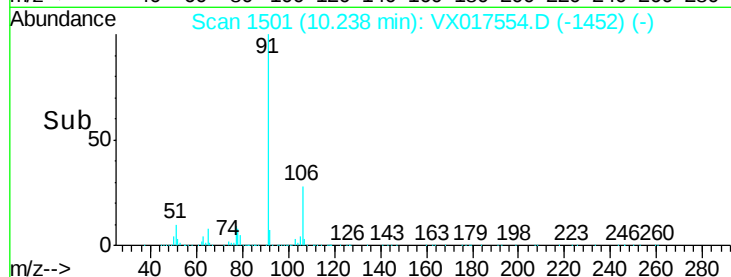
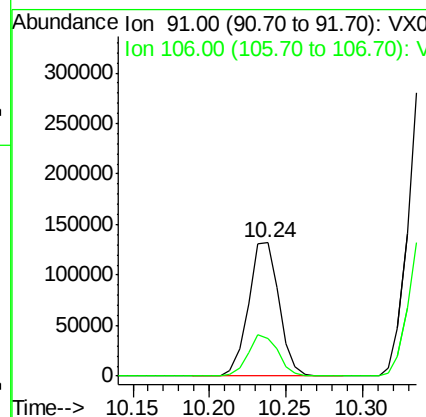
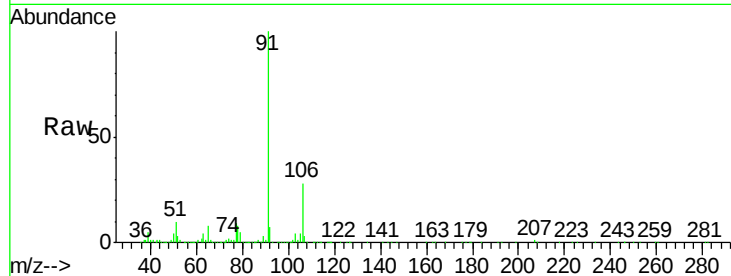
#67
Ethyl Benzene
Concen: 6.129 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

Tgt Ion: 91 Resp: 182839
Ion Ratio Lower Upper
91 100
106 28.2 25.8 38.6

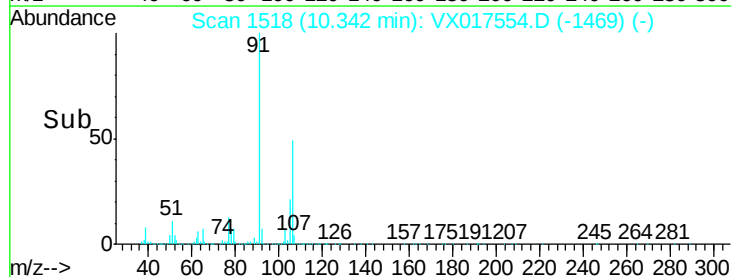
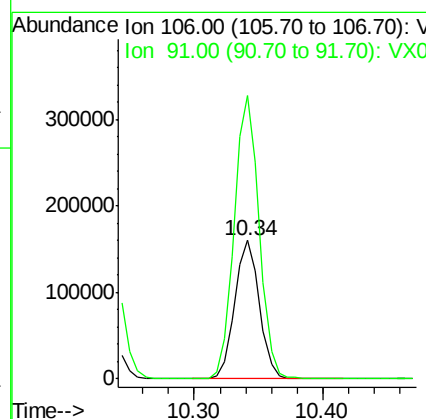
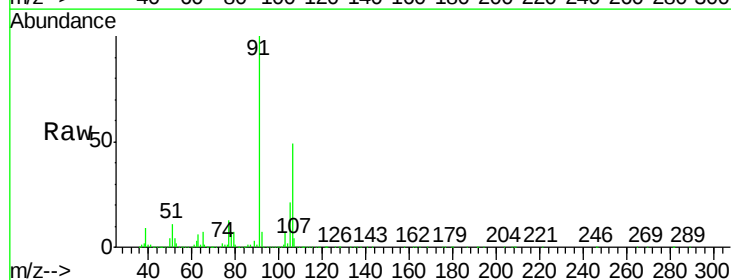
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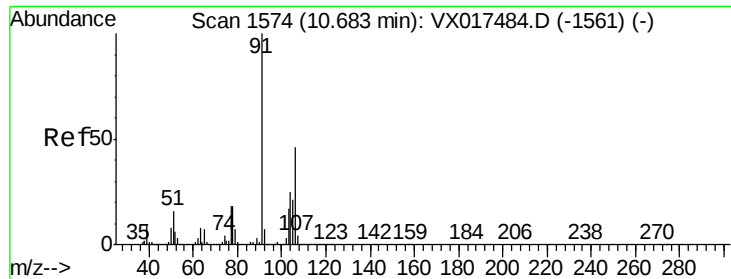
MMDadoda
7/27/2020 11:03:33 AM



#68
m/p-Xylenes
Concen: 18.572 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion: 106 Resp: 214629
Ion Ratio Lower Upper
106 100
91 205.9 160.9 241.3





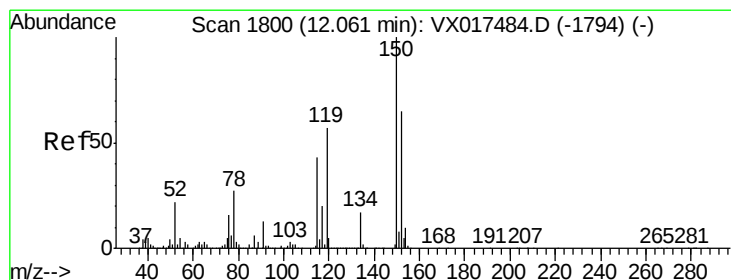
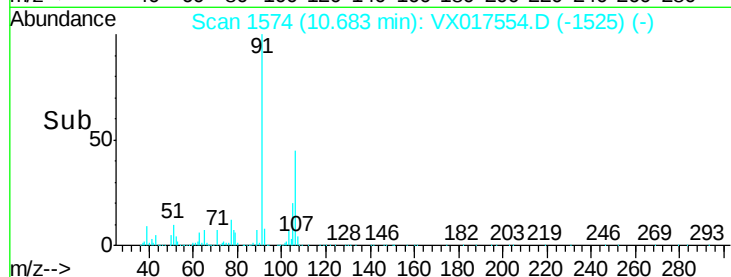
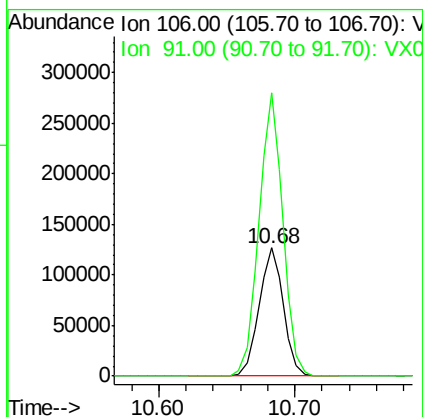
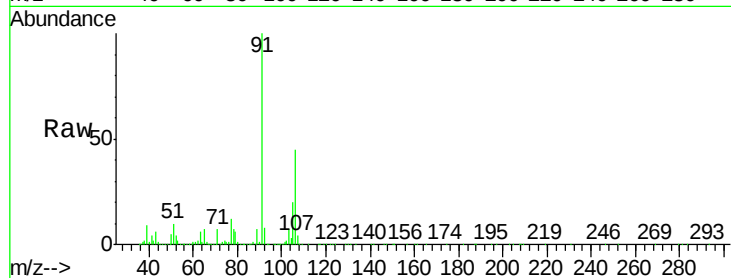
#69
o-Xylene
Concen: 14.339 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

Tgt Ion:106 Resp: 159381
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6

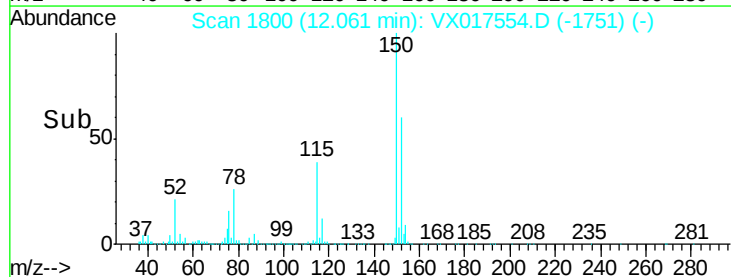
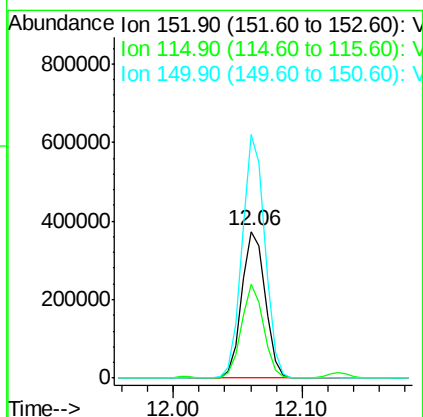
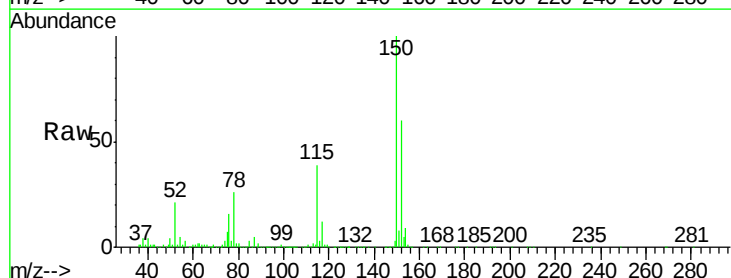
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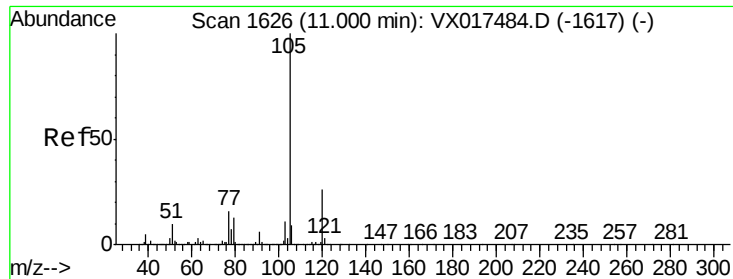
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion:152 Resp: 468070
Ion Ratio Lower Upper
152 100
115 60.0 65.5 196.6#
150 160.9 0.0 412.6





#73

Isopropylbenzene

Concen: 1.408 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017554.D

Acq: 24 Jul 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

CHASSIE-WASH

Tgt Ion: 105 Resp: 45196

Ion Ratio Lower Upper

105 100

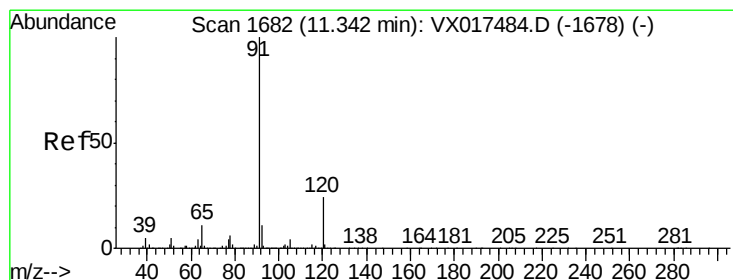
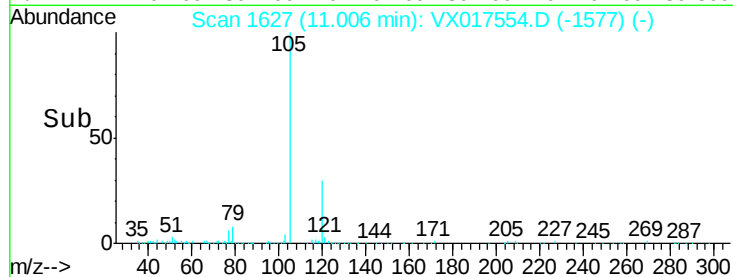
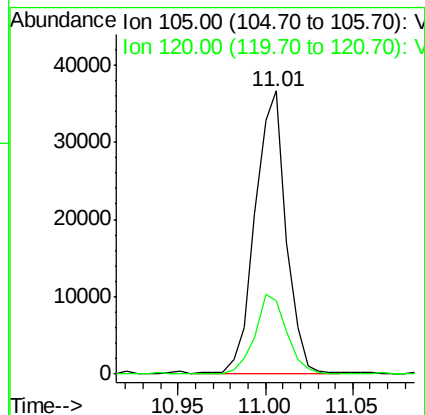
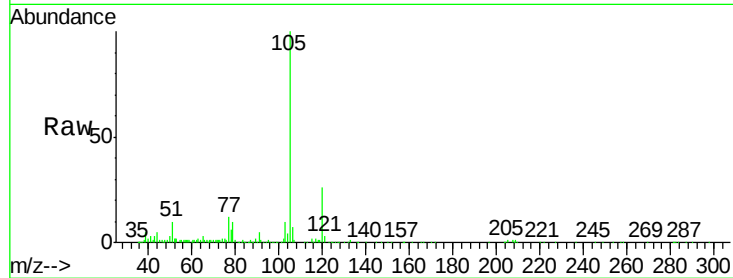
120 29.2 13.3 39.8

Manual Integrations

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#78

n-propylbenzene

Concen: 3.331 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017554.D

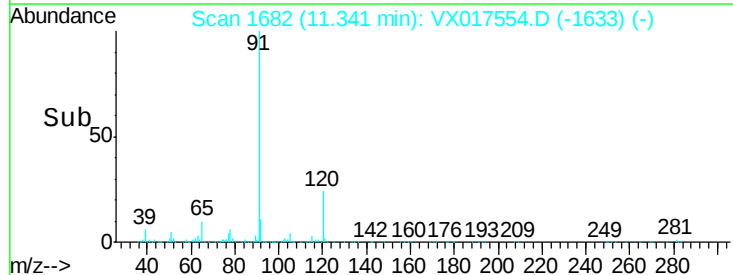
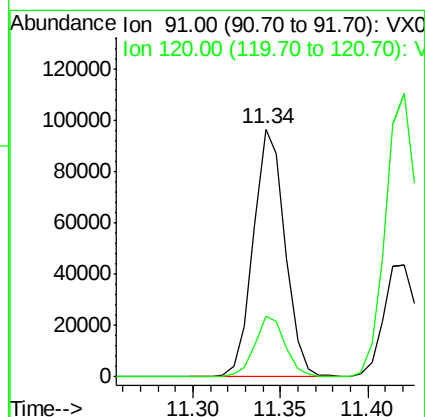
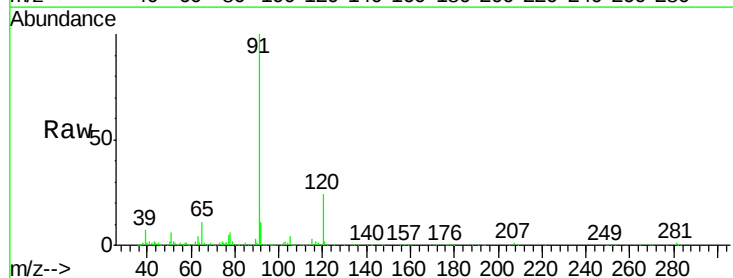
Acq: 24 Jul 2020 19:33

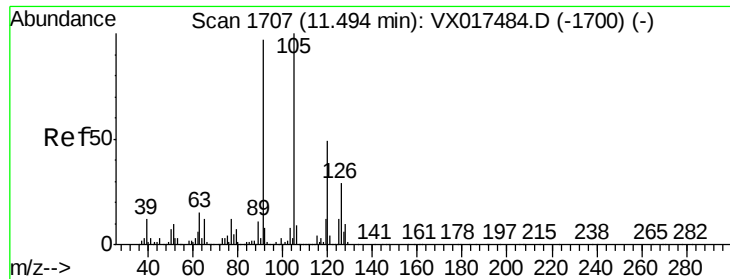
Tgt Ion: 91 Resp: 120643

Ion Ratio Lower Upper

91 100

120 23.8 12.2 36.4





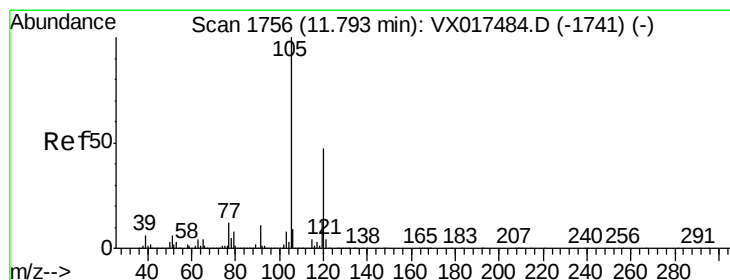
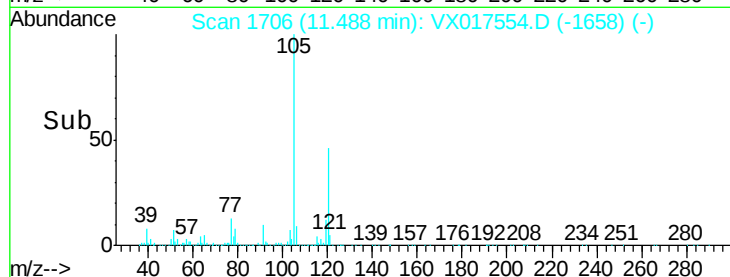
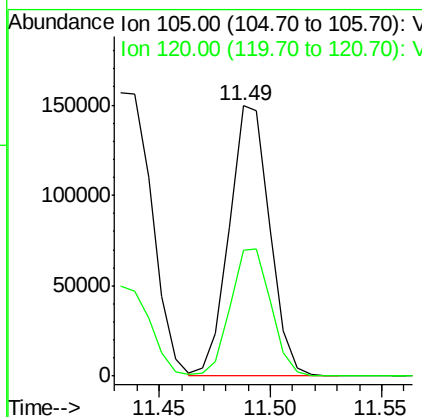
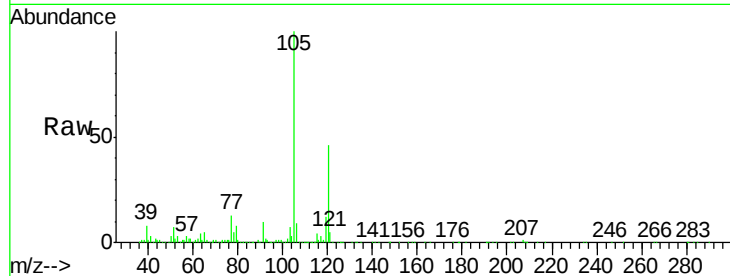
#80
 1,3,5-Trimethylbenzene
 Concen: 6.868 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

Tgt Ion:105 Resp: 188288
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.3

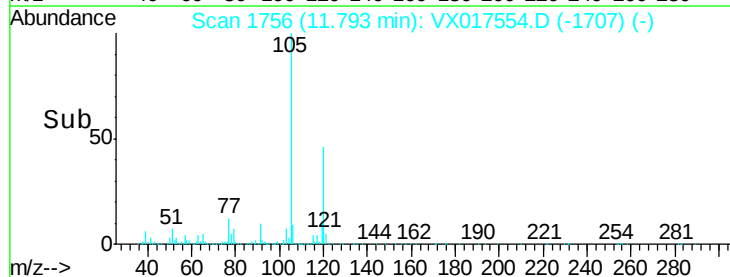
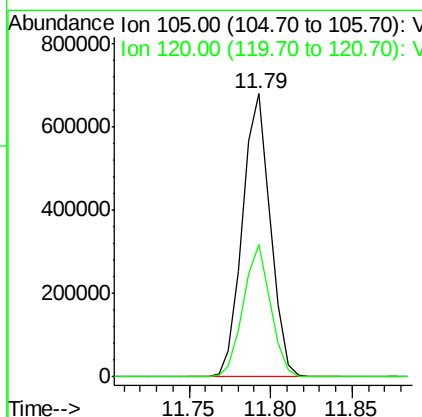
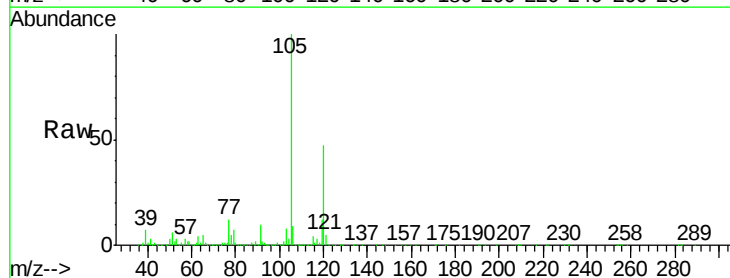
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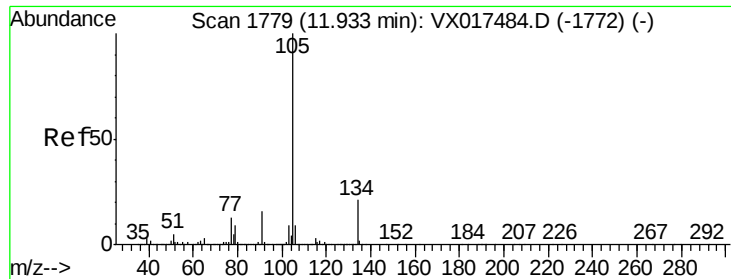
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#84
 1,2,4-Trimethylbenzene
 Concen: 29.727 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Tgt Ion:105 Resp: 810609
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.7 68.0





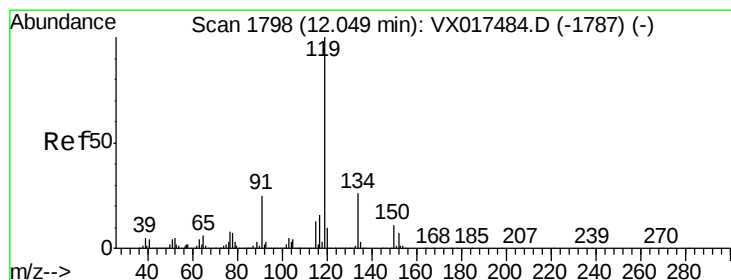
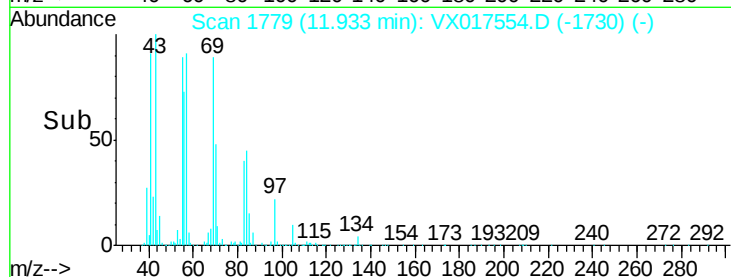
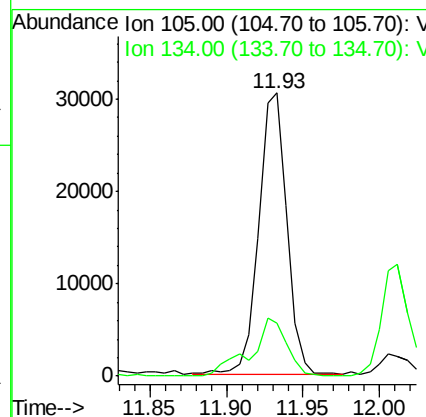
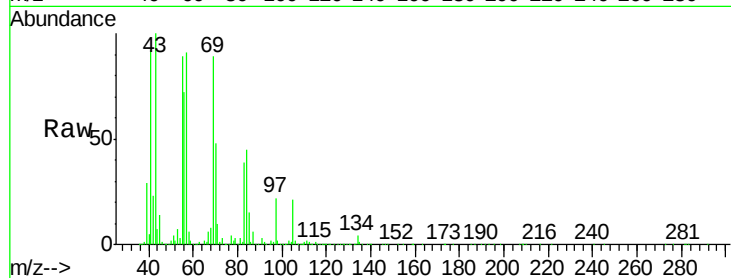
#85
 sec-Butylbenzene
 Concen: 1.271 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIE-WASH

Tgt Ion	Ratio	Lower	Upper
105	100		
134	27.0	10.4	31.2

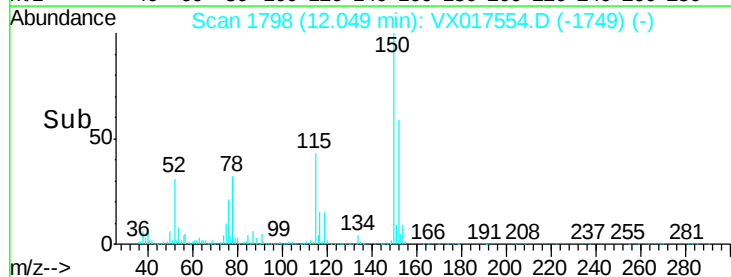
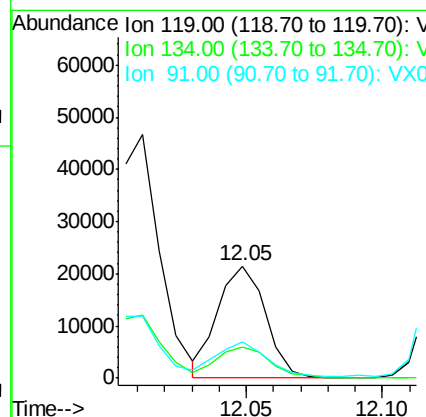
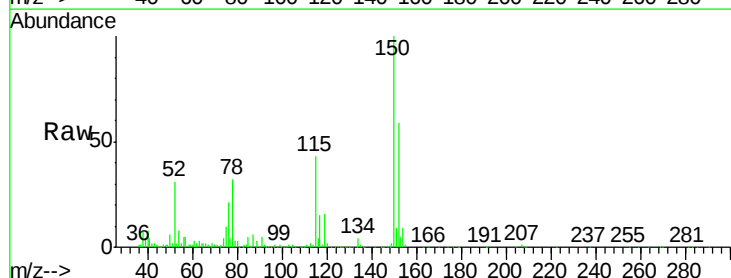
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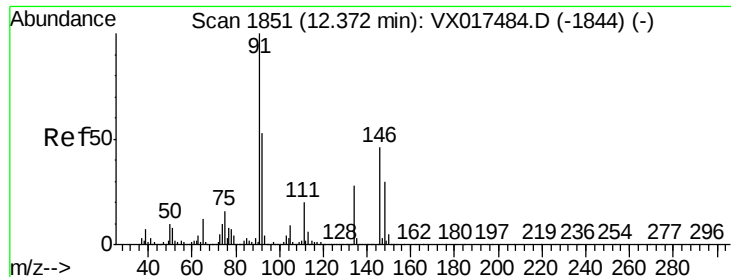
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#86
 p-Isopropyltoluene
 Concen: 0.895 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017554.D
 Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.7	13.1	39.3
91	31.5	12.1	36.3





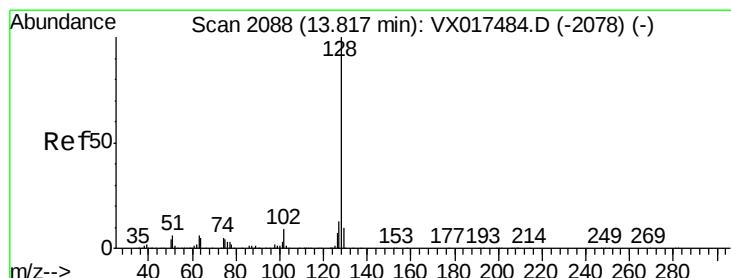
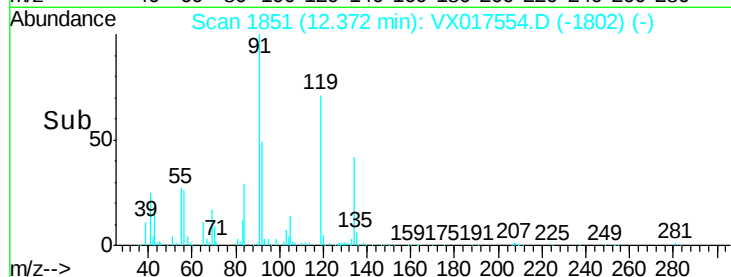
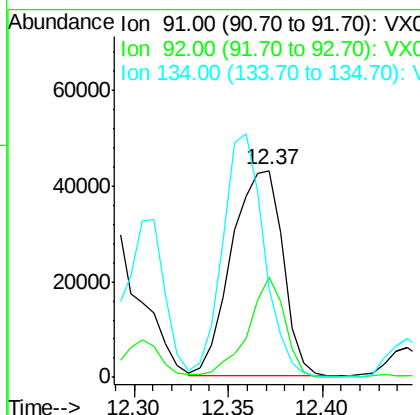
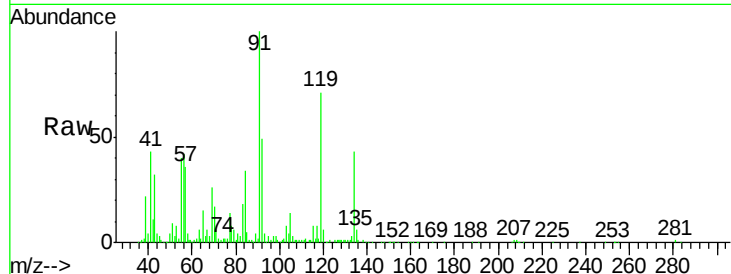
#89
n-Butylbenzene
Concen: 3.112 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
CHASSIE-WASH

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.9	26.7	80.1
134	96.4	13.6	40.7#

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#95
Naphthalene
Concen: 14.435 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017554.D
Acq: 24 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.9	13.3

