

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017739.D
 Acq On : 01 Aug 2020 06:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:39 PM

Quant Time: Aug 01 07:34:53 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	499174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	768913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	762491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	412609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	362651	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	5.47	113	288491	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
50) Toluene-d8	8.70	98	1031900	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	11.12	95	417096	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	233594	50.449	ug/l	99
3) Chloromethane	1.31	50	267794	43.449	ug/l	99
4) Vinyl Chloride	1.39	62	275086	43.793	ug/l	99
5) Bromomethane	1.62	94	167953	49.729	ug/l	98
6) Chloroethane	1.70	64	167399	48.302	ug/l	94
7) Trichlorofluoromethane	1.91	101	463273	46.890	ug/l	98
8) Diethyl Ether	2.17	74	157901	49.275	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	240530	44.363	ug/l	97
10) Methyl Iodide	2.49	142	272670	39.310	ug/l	96
11) Tert butyl alcohol	3.03	59	338092	250.178	ug/l	100
12) 1,1-Dichloroethene	2.35	96	234422	45.466	ug/l	98
13) Acrolein	2.28	56	264953	256.679	ug/l	99
14) Allyl chloride	2.70	41	435606	46.269	ug/l	99
15) Acrylonitrile	3.12	53	756256	259.091	ug/l	99
16) Acetone	2.42	43	703542	249.289	ug/l	97
17) Carbon Disulfide	2.55	76	647781	41.335	ug/l	100
18) Methyl Acetate	2.75	43	358960	54.006	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	880641	49.348	ug/l	100
20) Methylene Chloride	2.84	84	285313	53.775	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	265247	48.022	ug/l	97
22) Diisopropyl ether	3.83	45	896526	52.081	ug/l	98
23) Vinyl Acetate	3.79	43	3937764	256.555	ug/l	99
24) 1,1-Dichloroethane	3.67	63	498948	50.316	ug/l	100
25) 2-Butanone	4.64	43	1081749	269.815	ug/l	97
26) 2,2-Dichloropropane	4.55	77	307267	34.616	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	303518	50.592	ug/l	96
28) Bromochloromethane	4.98	49	224951	50.059	ug/l	100
29) Tetrahydrofuran	5.09	42	696069	280.287	ug/l	98
30) Chloroform	5.18	83	530133	52.321	ug/l	98
31) Cyclohexane	5.55	56	396000	50.077	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	491876	51.481	ug/l	100
36) 1,1-Dichloropropene	5.77	75	373329	50.624	ug/l	99
37) Ethyl Acetate	4.80	43	413299	51.221	ug/l	99
38) Carbon Tetrachloride	5.76	117	454571	50.759	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395262	45.913	ug/l	99
40) Benzene	6.12	78	1086149	51.373	ug/l	99
41) Methacrylonitrile	5.00	41	225235	48.699	ug/l	95
42) 1,2-Dichloroethane	6.16	62	446902	51.668	ug/l	99
43) Isopropyl Acetate	6.42	43	676105	50.785	ug/l	99
44) Trichloroethene	7.19	130	321588	52.048	ug/l	89
45) 1,2-Dichloropropane	7.49	63	298944	51.005	ug/l	99
46) Dibromomethane	7.64	93	208509	50.339	ug/l	100
47) Bromodichloromethane	7.88	83	443613	53.227	ug/l	100
48) Methyl methacrylate	7.75	41	348718	52.842	ug/l	99
49) 1,4-Dioxane	7.71	88	141442	1117.913	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2209050	278.095	ug/l	99
52) Toluene	8.77	92	707022	52.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459487	49.250	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	485384	51.006	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	309266	54.753	ug/l	99
56) Ethyl methacrylate	9.16	69	462753	54.379	ug/l	99
57) 1,3-Dichloropropane	9.35	76	499285	53.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1180196	263.241	ug/l	100
59) 2-Hexanone	9.48	43	1666746	278.694	ug/l	99
60) Dibromochloromethane	9.57	129	383270	53.386	ug/l	100
61) 1,2-Dibromoethane	9.65	107	335249	55.749	ug/l	100
64) Tetrachloroethene	9.32	164	330381	48.276	ug/l	97
65) Chlorobenzene	10.12	112	818011	49.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	332361	49.897	ug/l	100
67) Ethyl Benzene	10.24	91	1394879	50.631	ug/l	98
68) m/p-Xylenes	10.34	106	1074954	100.719	ug/l	98
69) o-Xylene	10.68	106	519557	50.615	ug/l	100
70) Styrene	10.69	104	915836	52.439	ug/l	99
71) Bromoform	10.84	173	288700	50.027	ug/l #	99
73) Isopropylbenzene	11.00	105	1418791	50.124	ug/l	99
74) N-amyl acetate	10.88	43	610325	48.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	426988	48.328	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	415189m	48.917	ug/l	
77) Bromobenzene	11.24	156	370985	46.816	ug/l	98
78) n-propylbenzene	11.34	91	1608179	50.375	ug/l	99
79) 2-Chlorotoluene	11.40	91	976092	49.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184451	49.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142722	42.371	ug/l	98
82) 4-Chlorotoluene	11.49	91	1146508	49.148	ug/l	99
83) tert-Butylbenzene	11.76	119	1158076	50.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1221459	50.814	ug/l	99
85) sec-Butylbenzene	11.93	105	1351989	50.187	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264119	49.276	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664926	48.863	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	668162	47.404	ug/l	99
89) n-Butylbenzene	12.37	91	1092308	47.784	ug/l	98
90) Hexachloroethane	12.58	117	243216	48.088	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	637174	47.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	111903	45.055	ug/l	99

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ClientSampleId :
VSTDCCC050EC

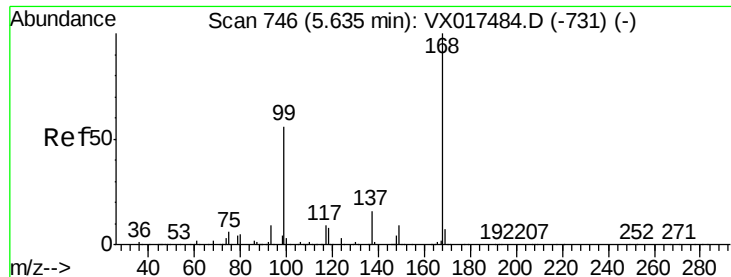
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	449974	49.297	ug/l	100
94) Hexachlorobutadiene	13.77	225	185346	44.113	ug/l	96
95) Naphthalene	13.82	128	1451012	53.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	452062	50.159	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 499174

Ion Ratio Lower Upper

168 100

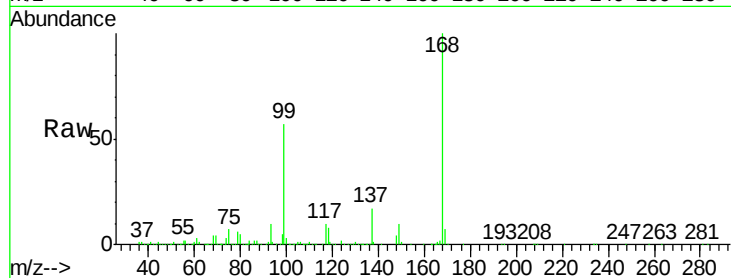
99 57.0 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

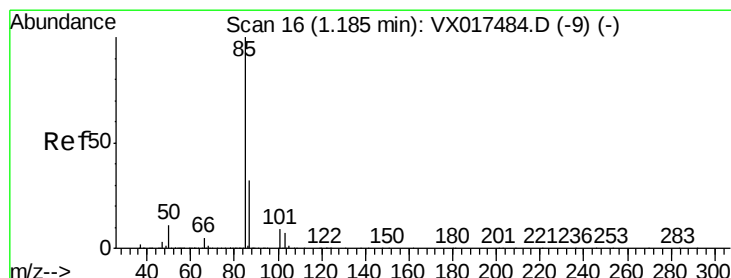
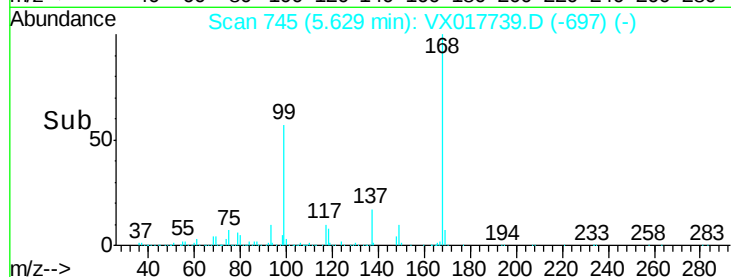
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 50.449 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017739.D

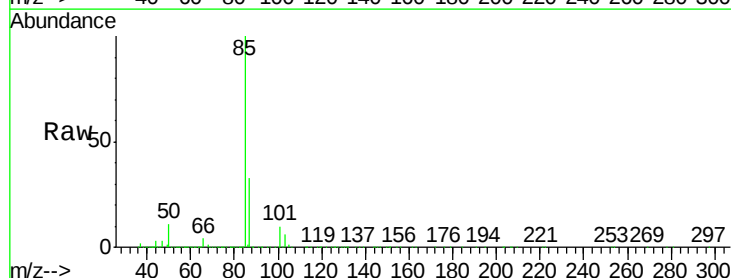
Acq: 01 Aug 2020 06:41

Tgt Ion: 85 Resp: 233594

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

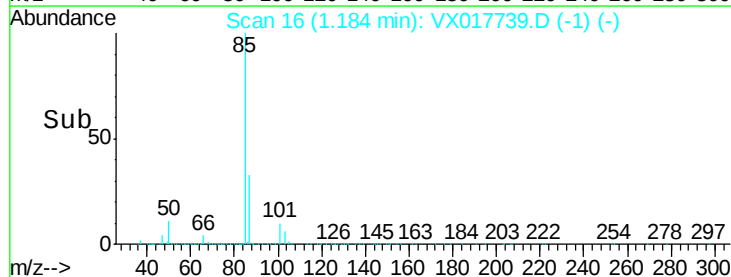
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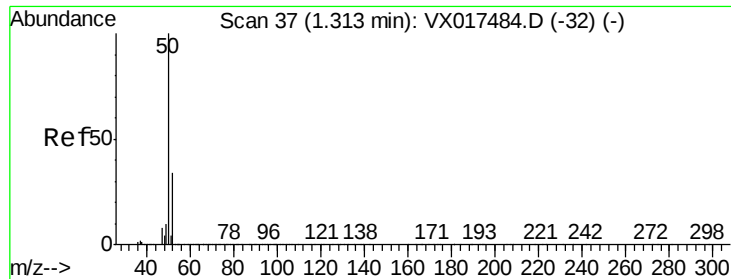
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Time-->





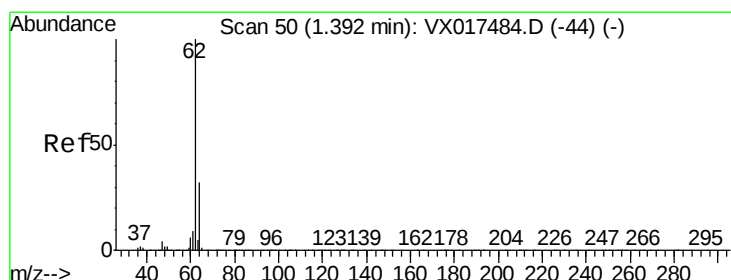
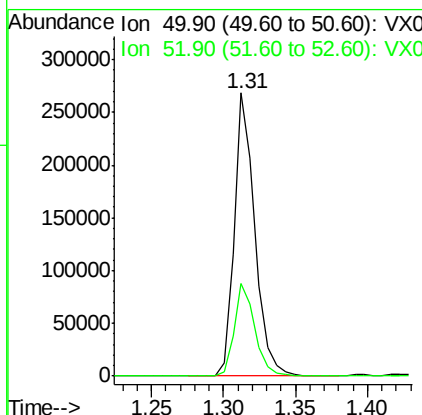
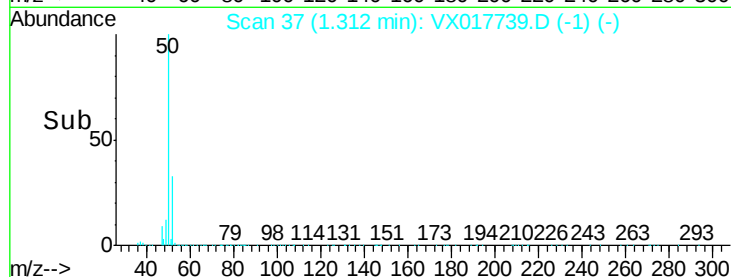
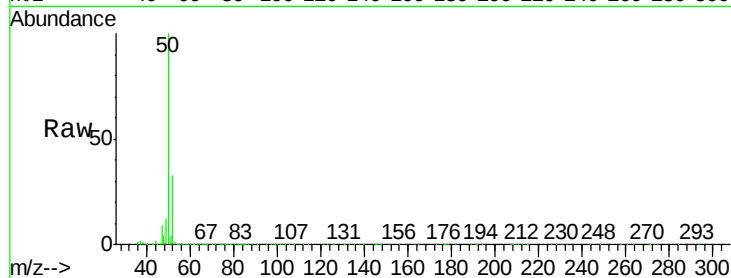
#3
Chloromethane
Concen: 43.449 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9

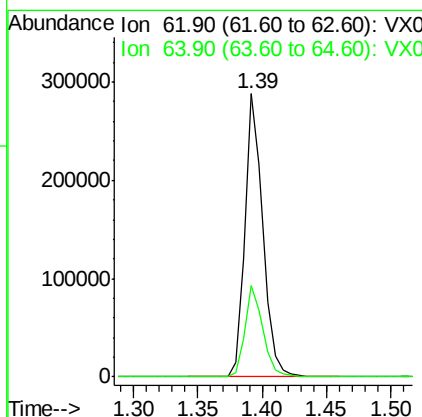
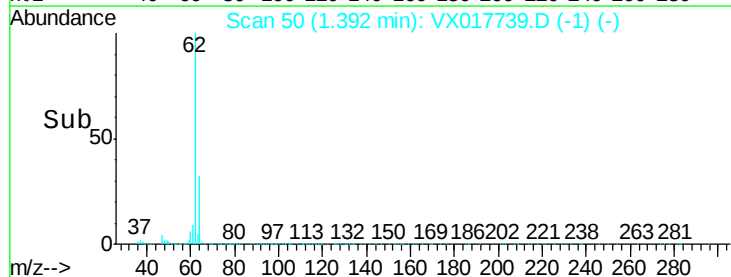
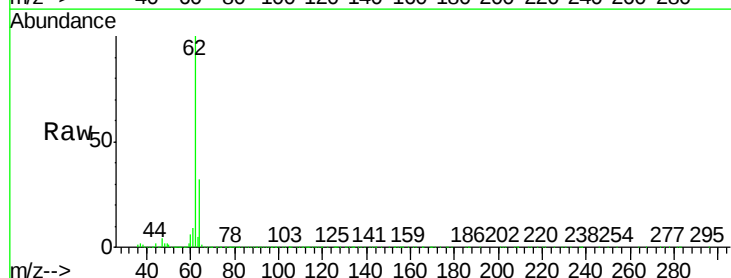
Manual Integrations
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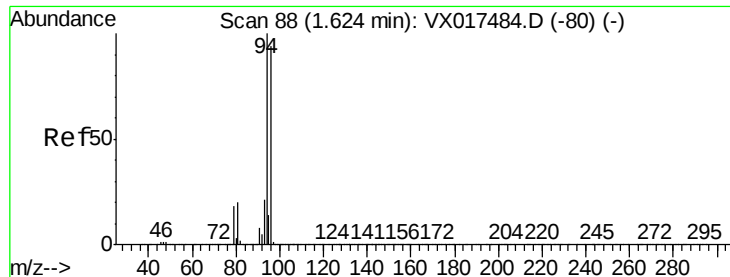
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#4
Vinyl Chloride
Concen: 43.793 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.2	37.8





#5

Bromomethane

Concen: 49.729 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 167953

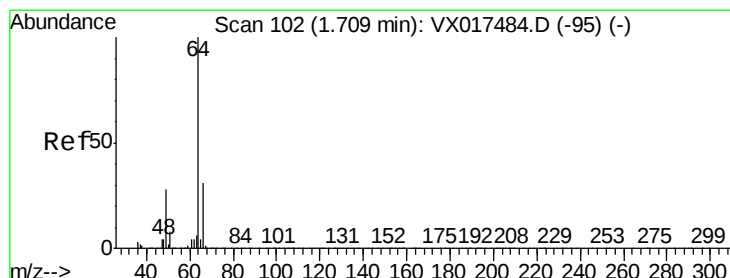
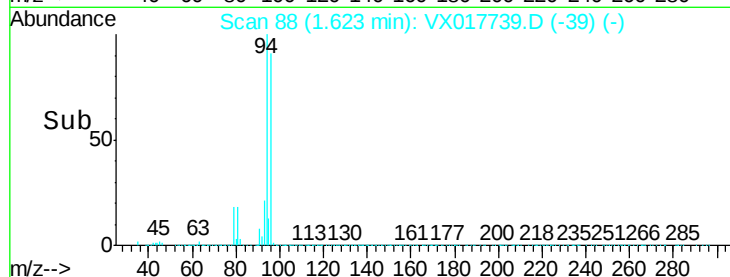
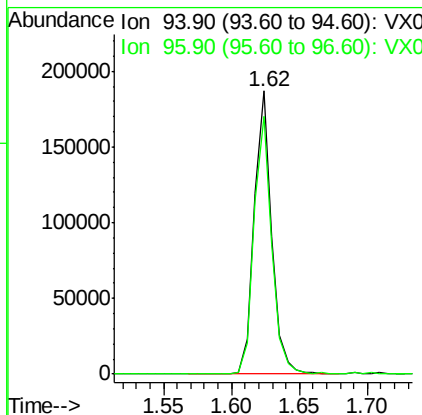
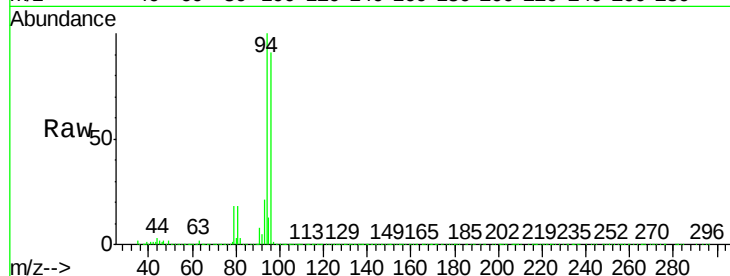
Ion Ratio Lower Upper

94 100

96 91.1 74.1 111.1

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#6

Chloroethane

Concen: 48.302 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017739.D

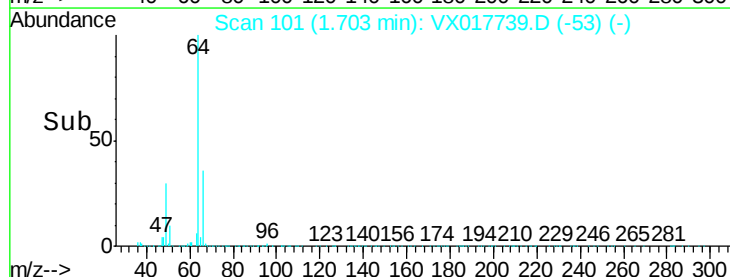
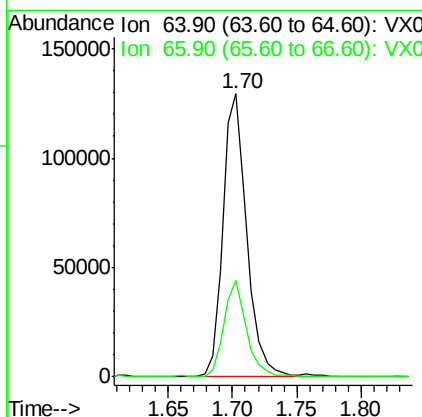
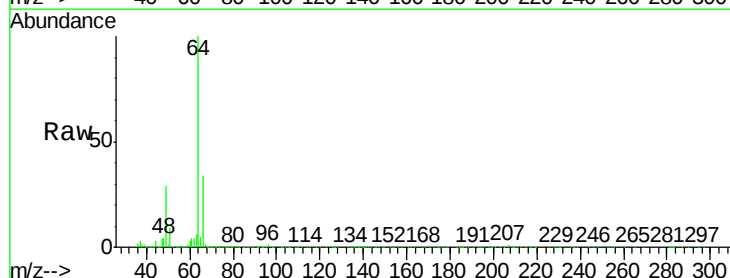
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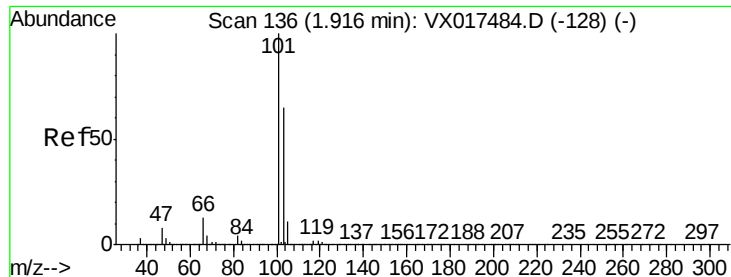
Tgt Ion: 64 Resp: 167399

Ion Ratio Lower Upper

64 100

66 34.2 24.9 37.3





#7

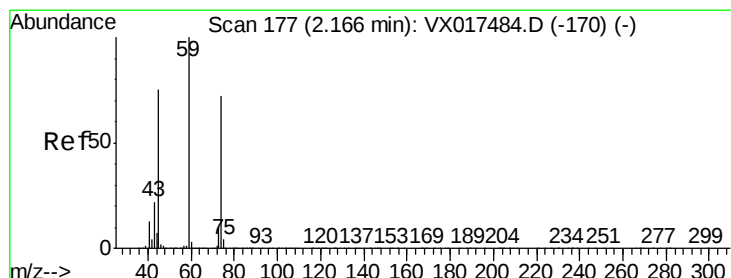
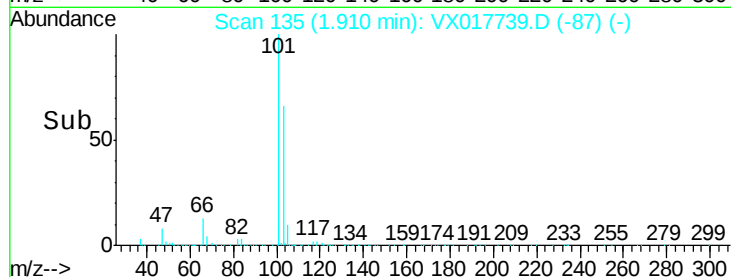
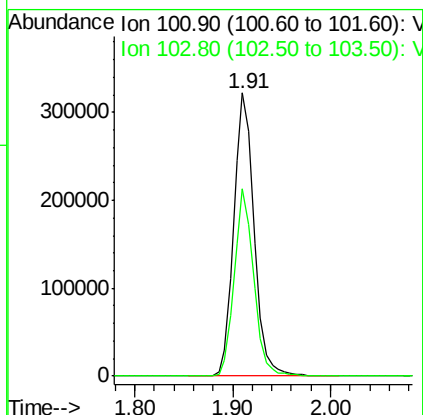
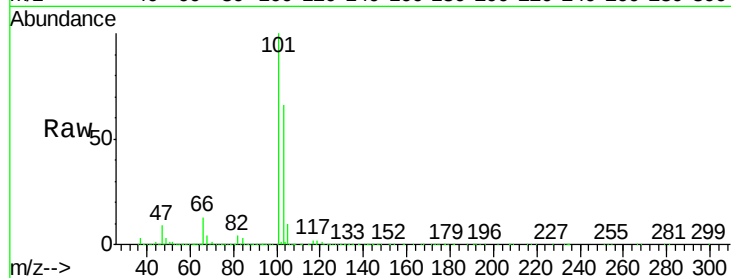
Trichlorofluoromethane
Concen: 46.890 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.8	77.8

Manual Integrations
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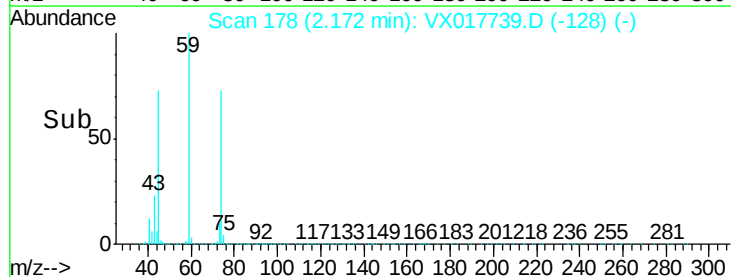
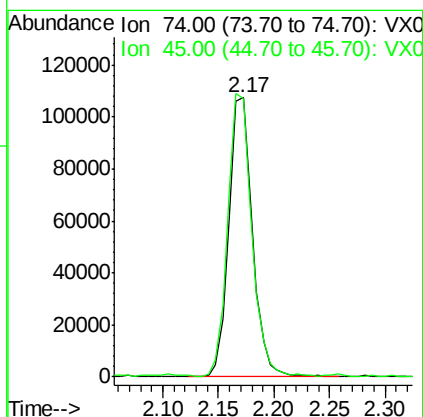
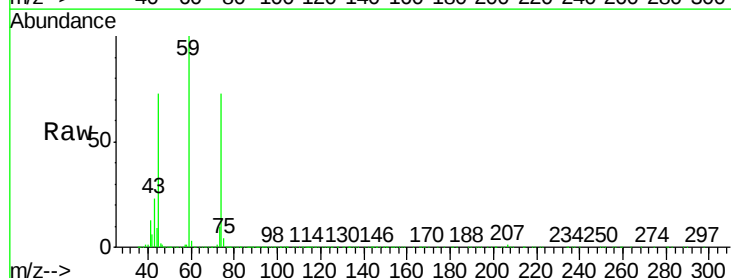
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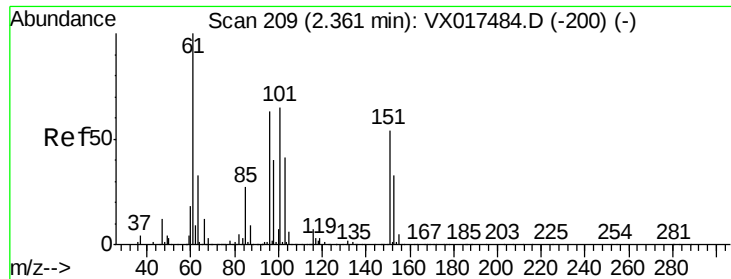


#8

Diethyl Ether
Concen: 49.275 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.363 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

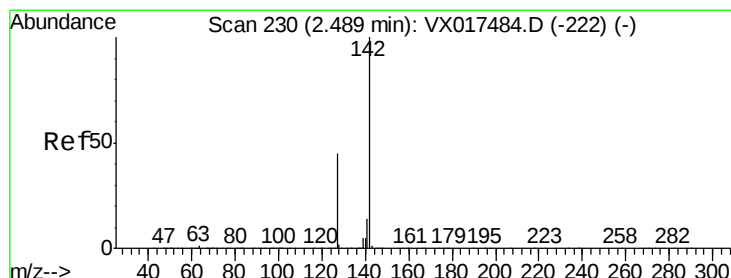
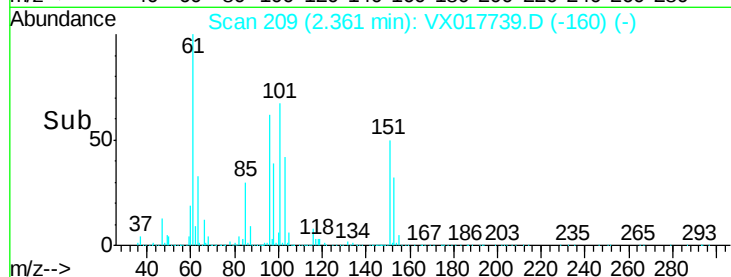
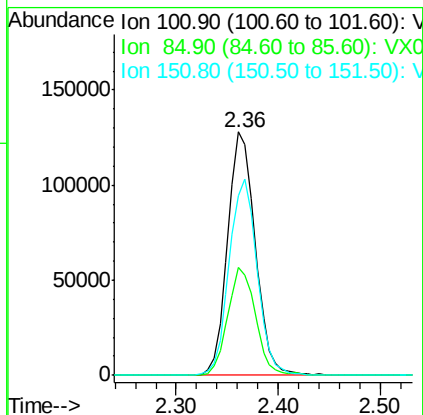
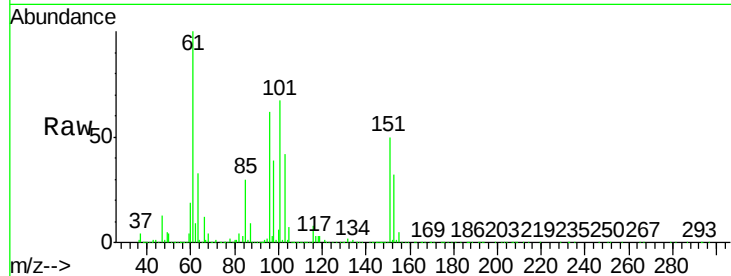
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	240530
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.8	52.2
151	81.4	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 39.310 ug/l

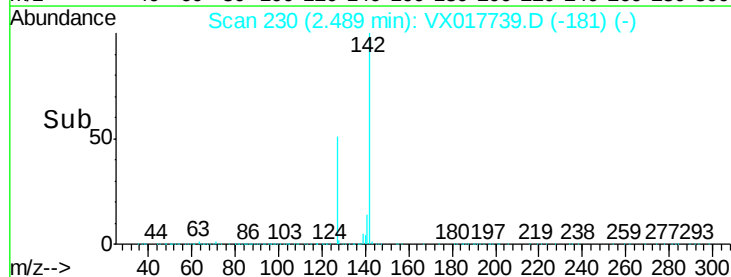
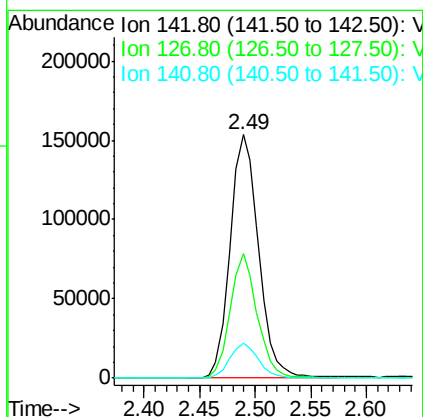
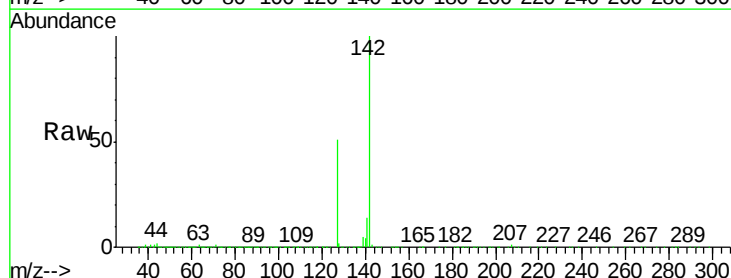
RT: 2.49 min Scan# 230

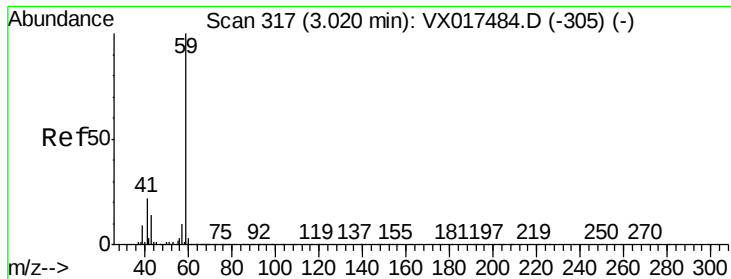
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	142	Resp:	272670
Ion Ratio	Lower	Upper	
142	100		
127	48.6	35.9	53.9
141	14.5	11.4	17.0





#11

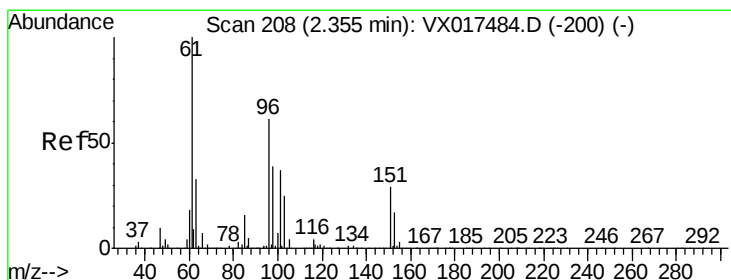
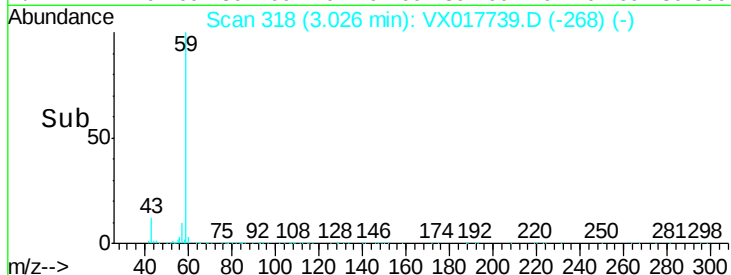
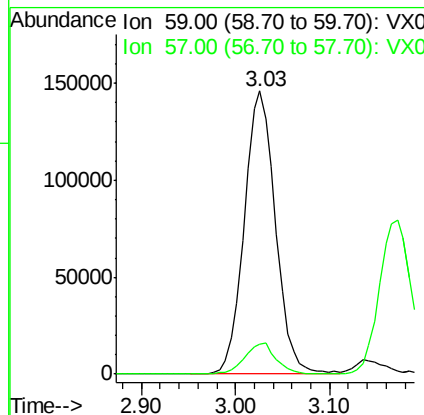
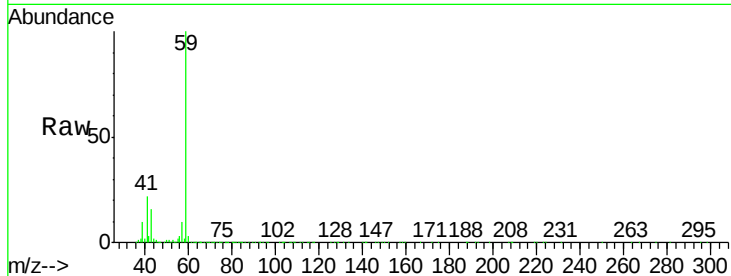
Tert butyl alcohol
Concen: 250.178 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	338092
Ion Ratio	100	Lower	Upper
57	10.7	8.6	12.8

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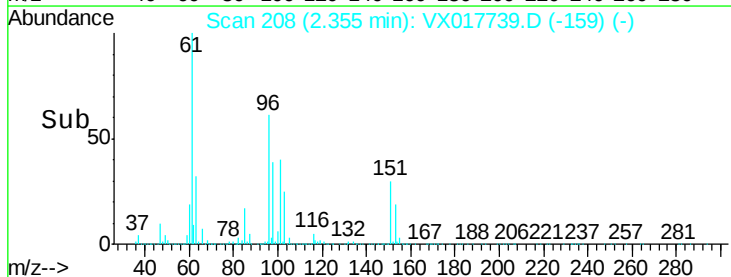
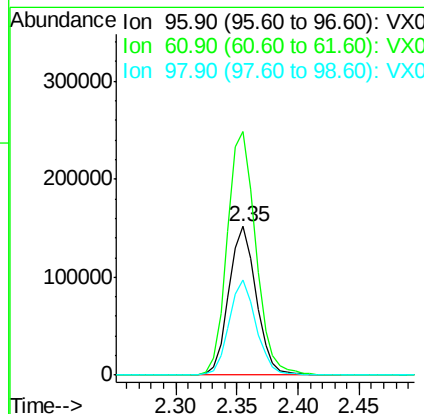
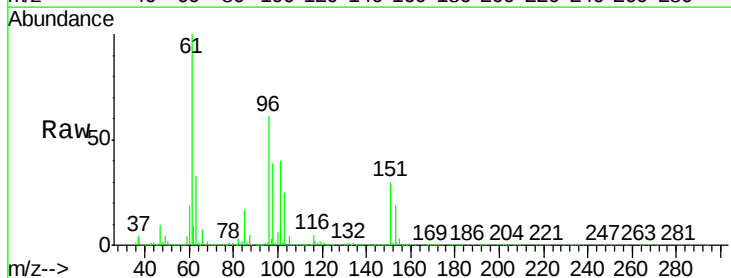
MMDadoda
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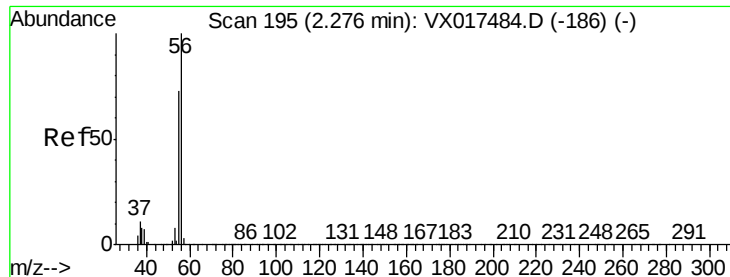


#12

1,1-Dichloroethene
Concen: 45.466 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	96	Resp	234422
Ion Ratio	100	Lower	Upper
61	163.9	134.0	201.0
98	64.1	51.0	76.4





#13

Acrolein

Concen: 256.679 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 264953

Ion Ratio Lower Upper

56 100

55 72.8

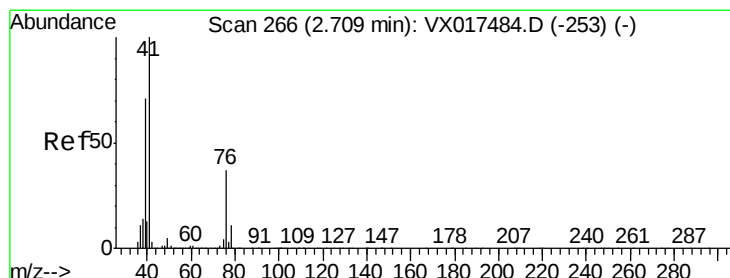
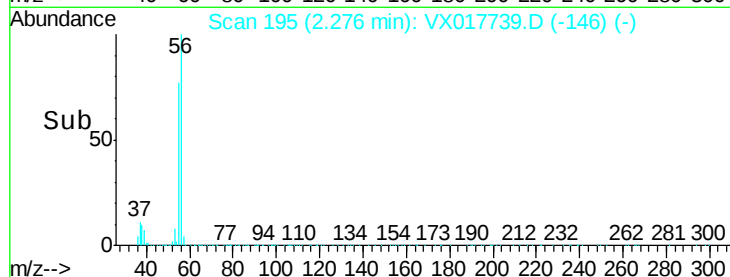
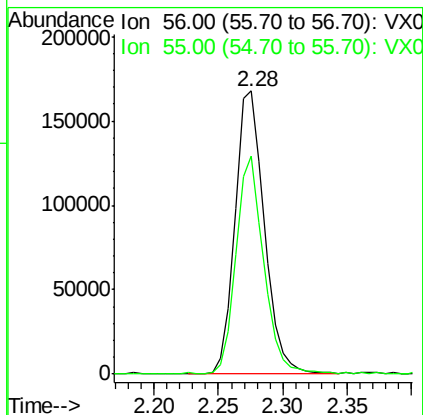
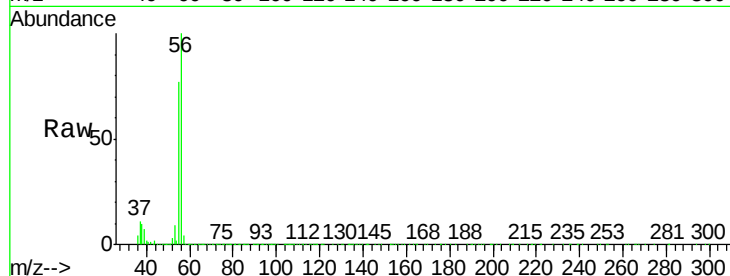
57.4

86.2

Manual Integrations
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#14

Allyl chloride

Concen: 46.269 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion: 41 Resp: 435606

Ion Ratio Lower Upper

41 100

39 64.6

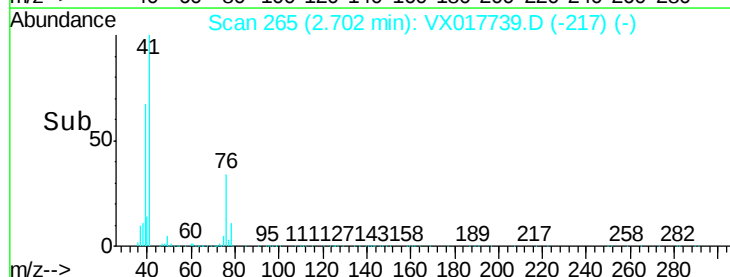
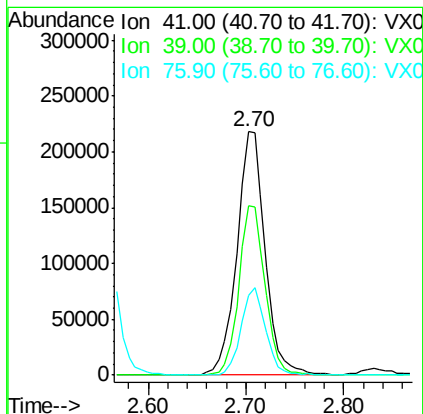
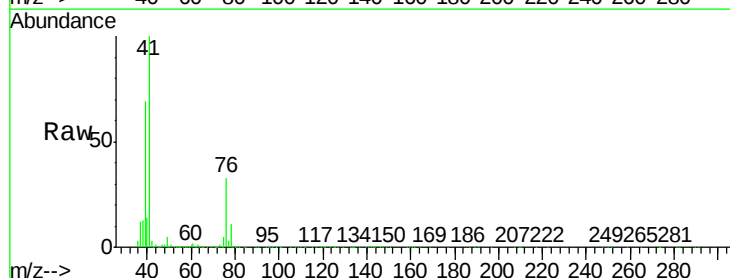
51.9

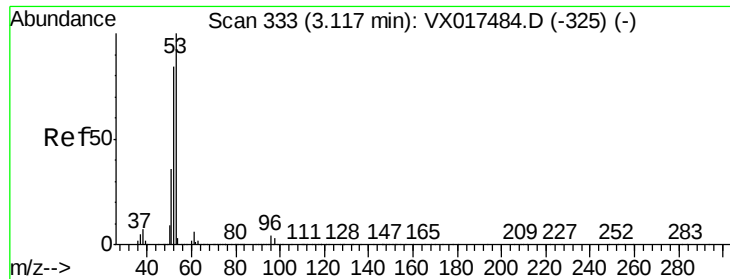
77.9

76 30.9

25.5

38.3





#15

Acrylonitrile

Concen: 259.091 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

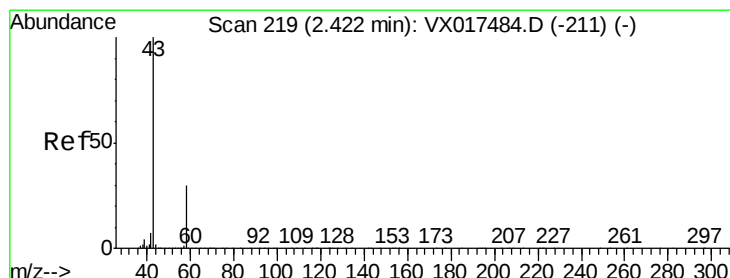
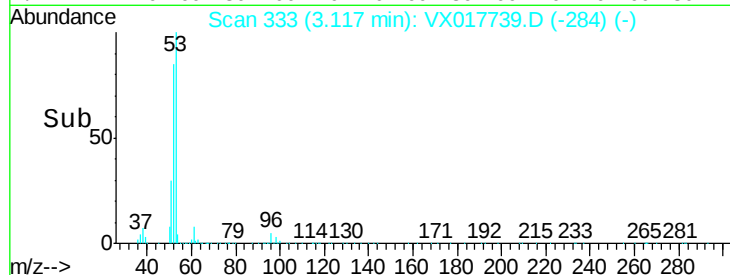
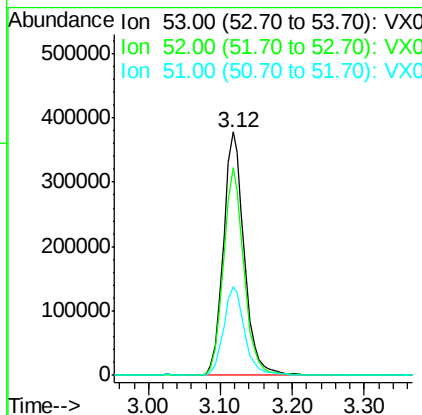
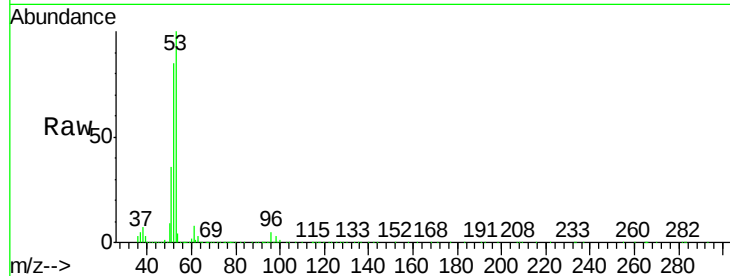
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		756256		
52	83.9	66.6	99.8		
51	36.8	29.4	44.2		

Manual Integrations
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#16

Acetone

Concen: 249.289 ug/l

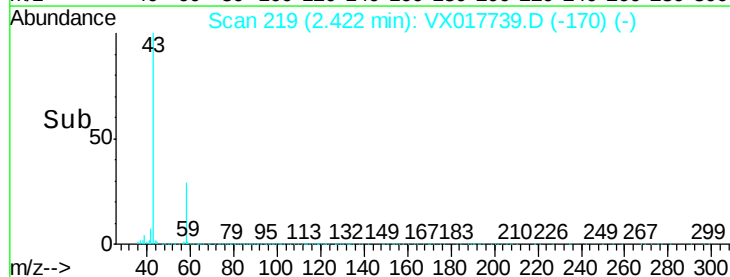
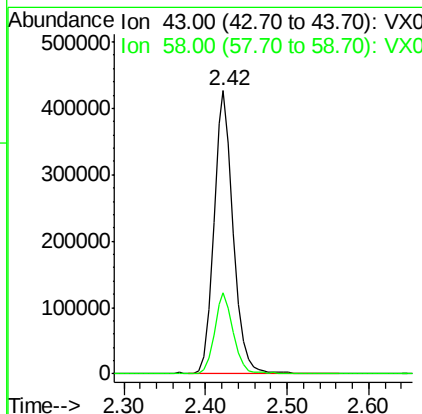
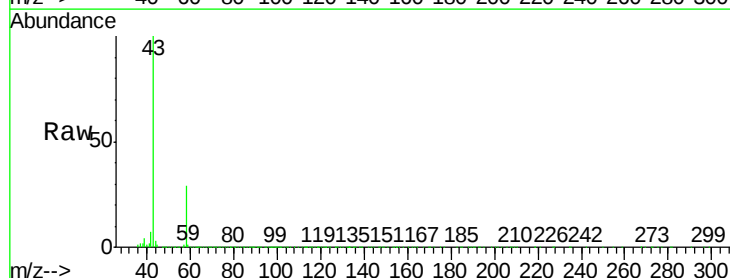
RT: 2.42 min Scan# 219

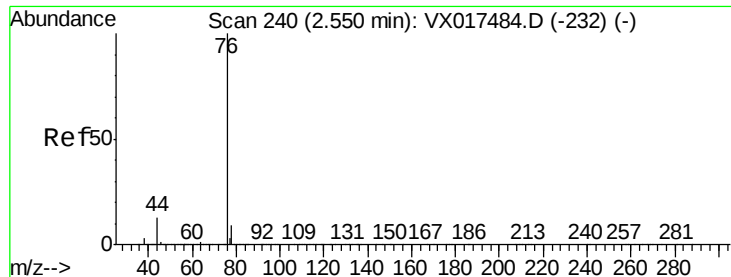
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		703542		
58	28.9	24.2	36.4		





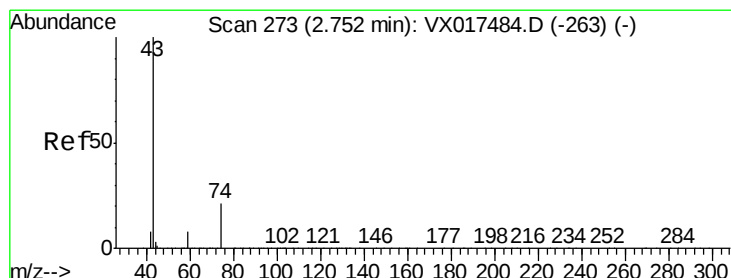
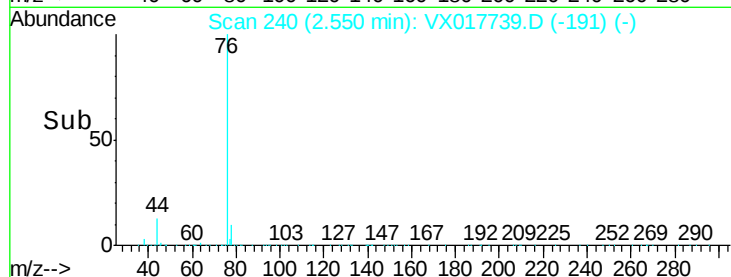
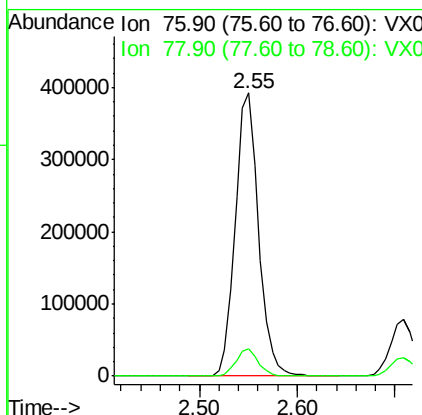
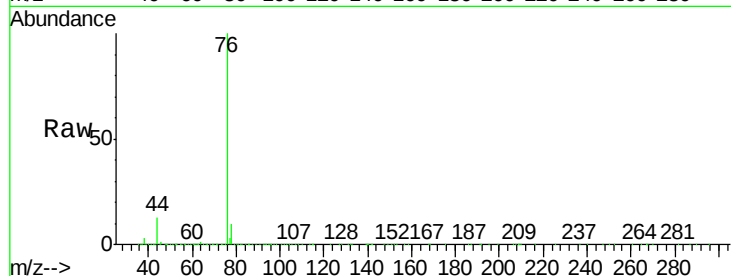
#17
Carbon Disulfide
Concen: 41.335 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

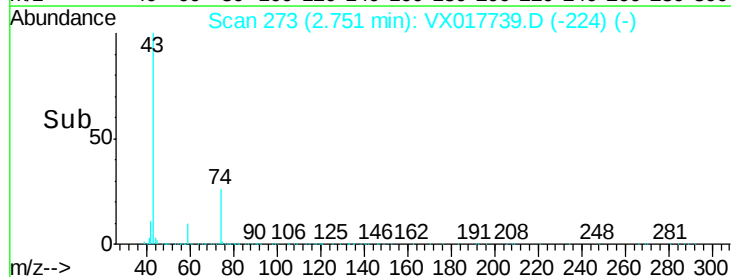
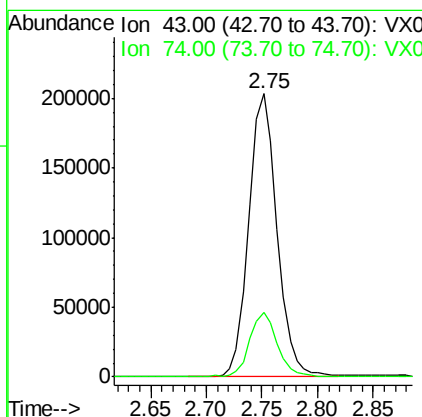
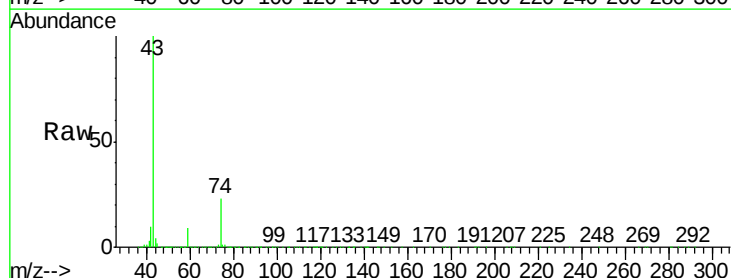
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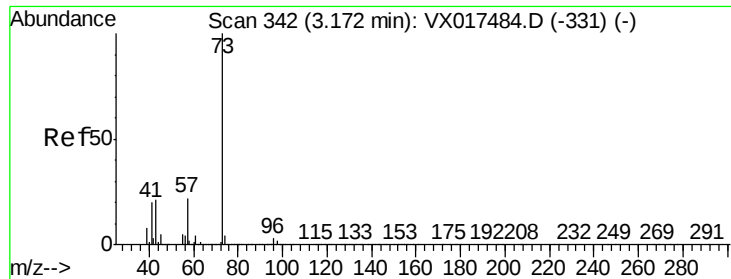
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#18
Methyl Acetate
Concen: 54.006 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.5	26.3





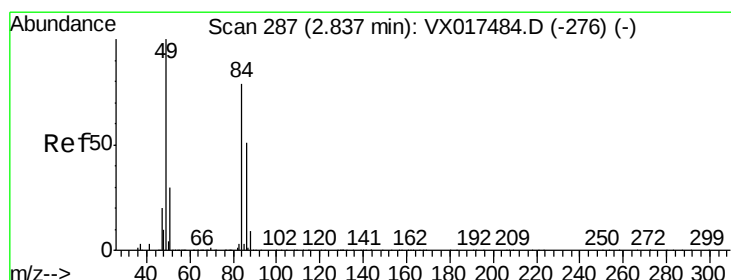
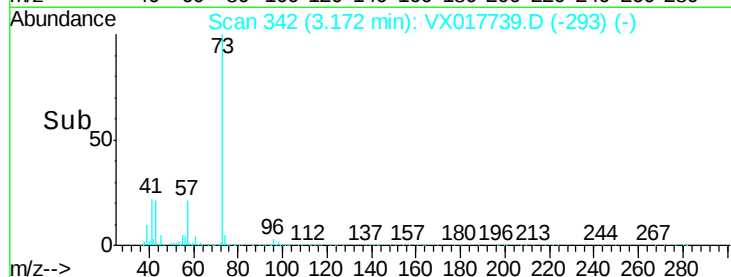
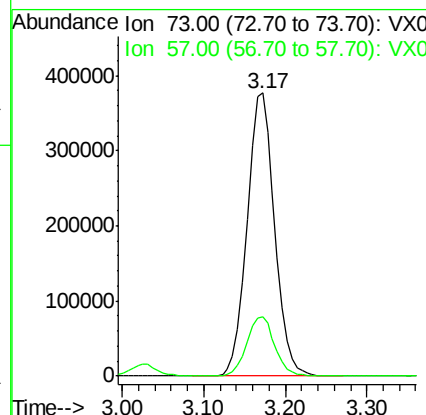
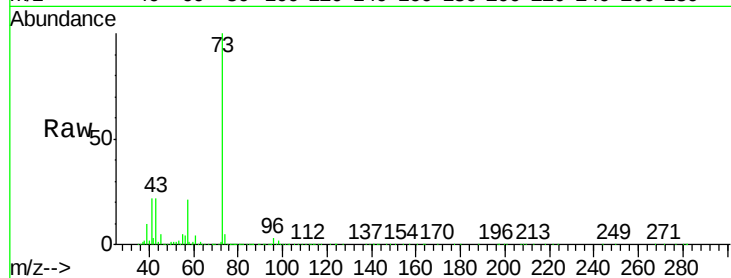
#19
Methyl tert-butyl Ether
Concen: 49.348 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.0	25.4

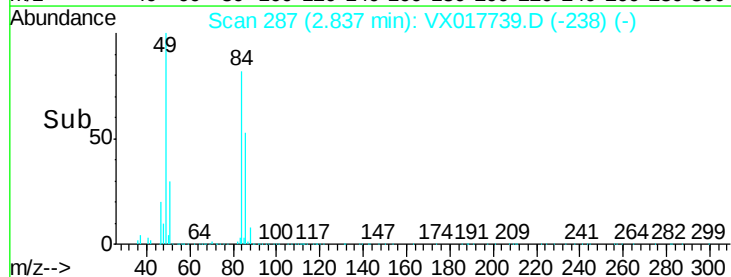
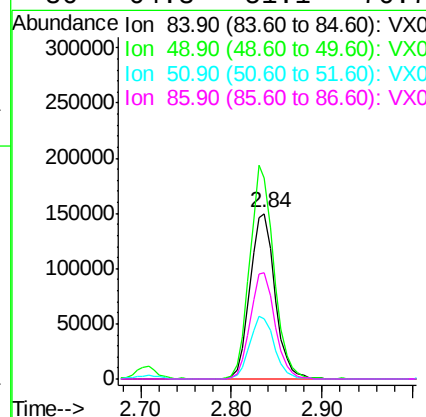
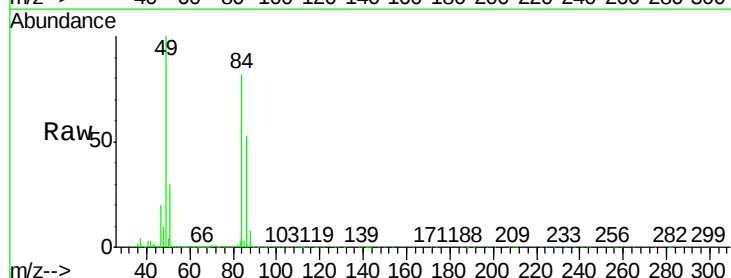
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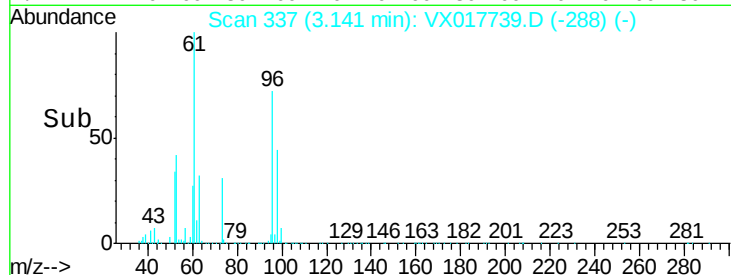
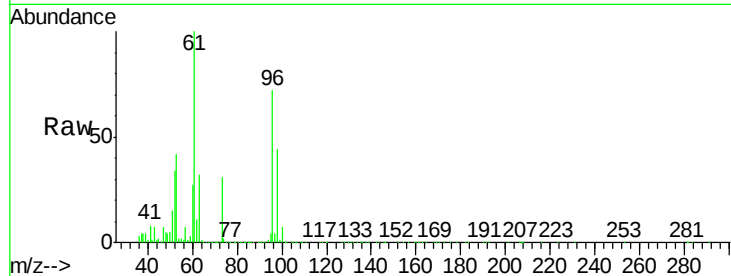
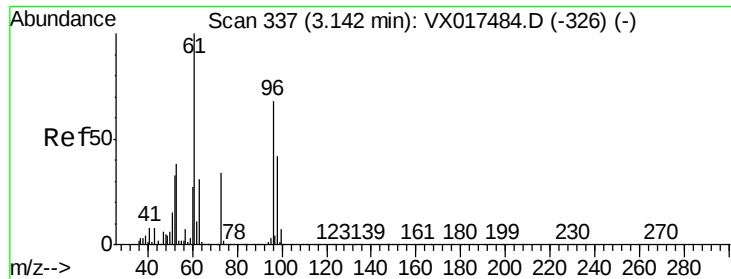
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#20
Methylene Chloride
Concen: 53.775 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	100.3	150.5
51	36.2	30.5	45.7
86	64.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.022 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tot Ion:	96	Resp:	265247
Ion	Ratio	Lower	Upper
96	100		
61	139.3	113.0	169.4
98	60.7	51.8	77.8

Instrument :

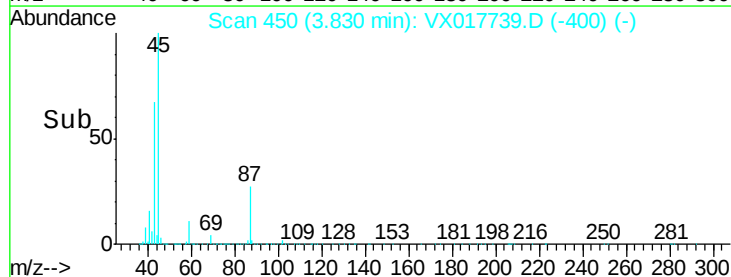
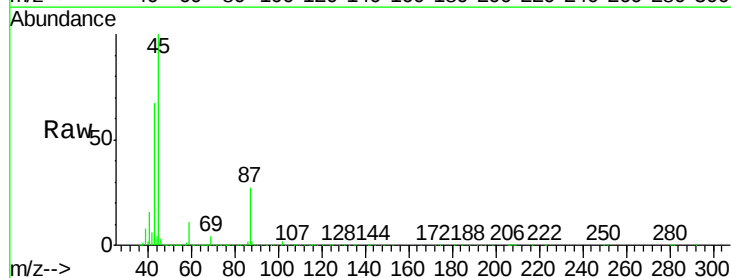
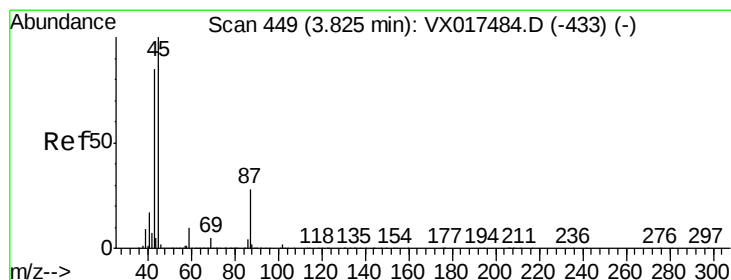
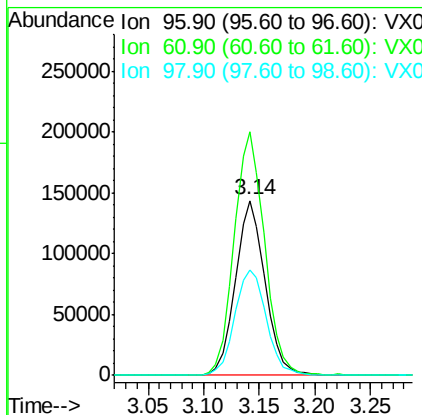
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 52.081 ug/l

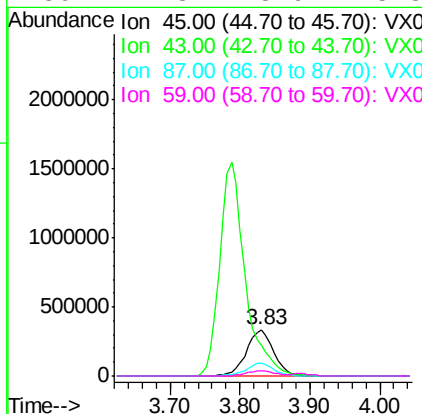
RT: 3.83 min Scan# 450

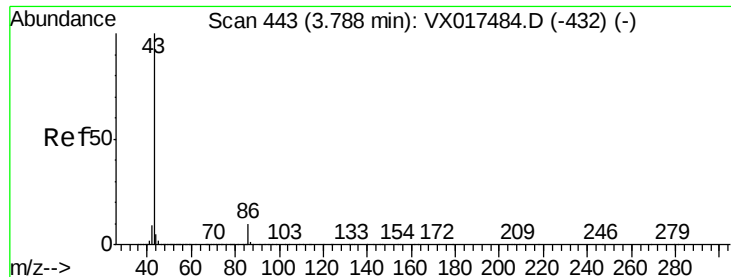
Delta R.T. 0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	45	Resp:	896526
Ion	Ratio	Lower	Upper
45	100		
43	66.7	52.0	78.0
87	27.3	22.2	33.4
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 256.555 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3937764

Ion Ratio Lower Upper

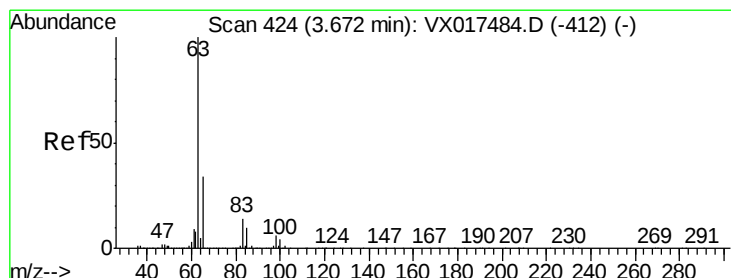
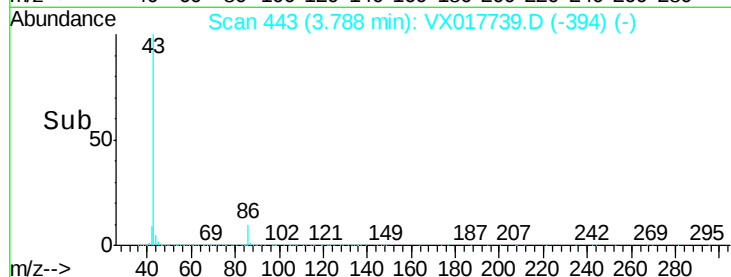
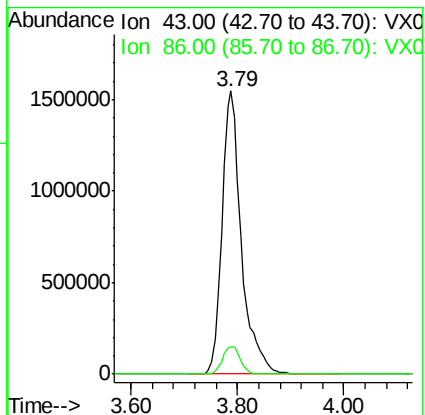
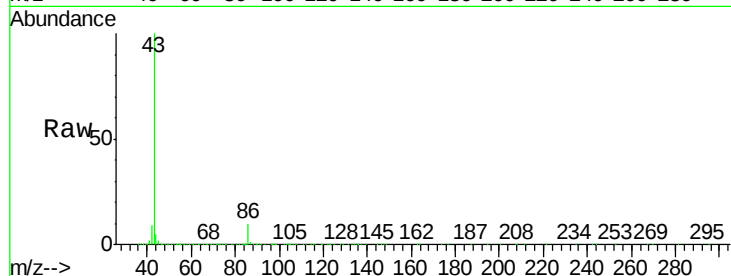
43 100

86 9.9 8.2 12.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 50.316 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

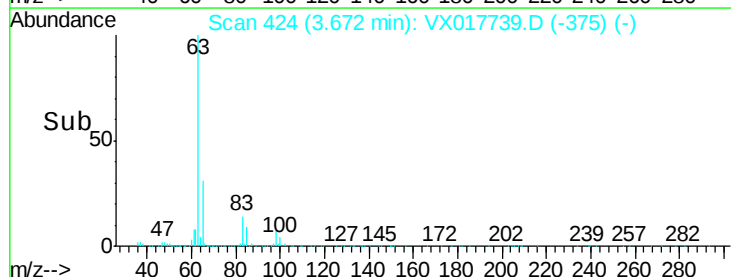
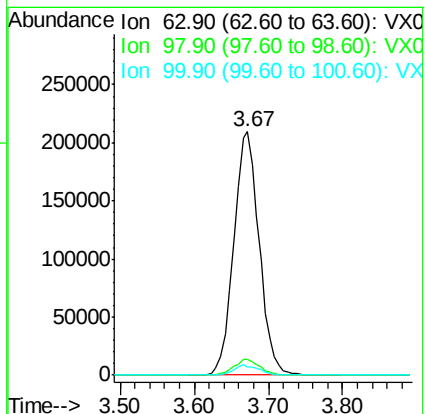
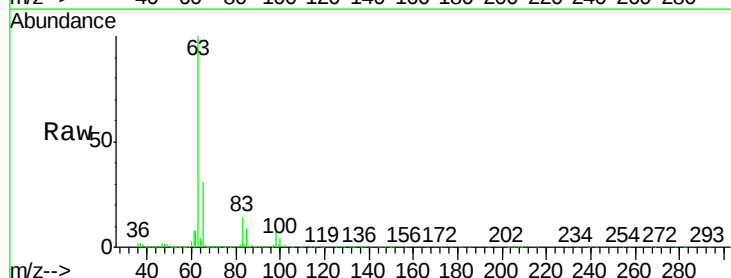
Tgt Ion: 63 Resp: 498948

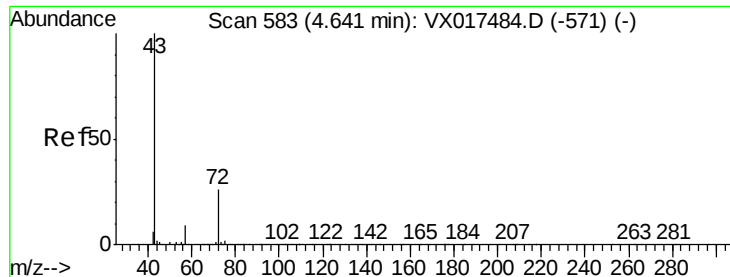
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 3.5 1.9 5.7





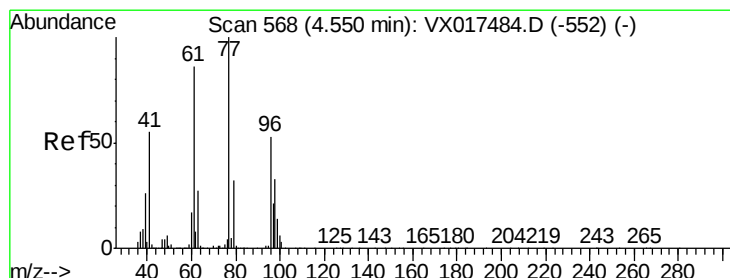
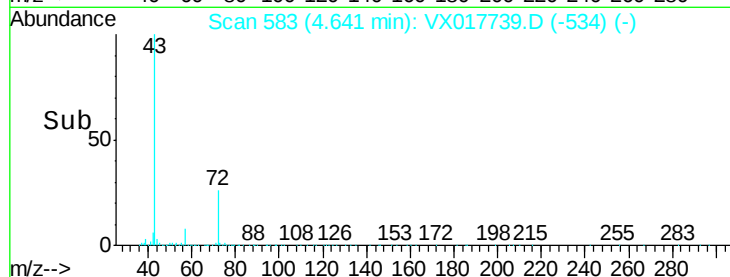
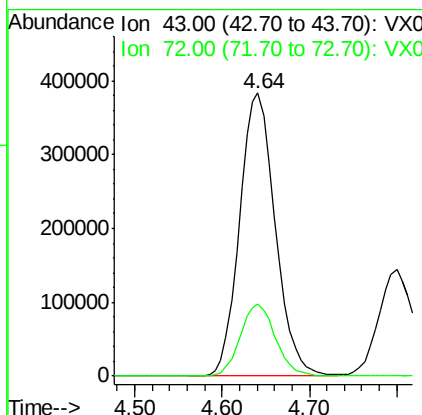
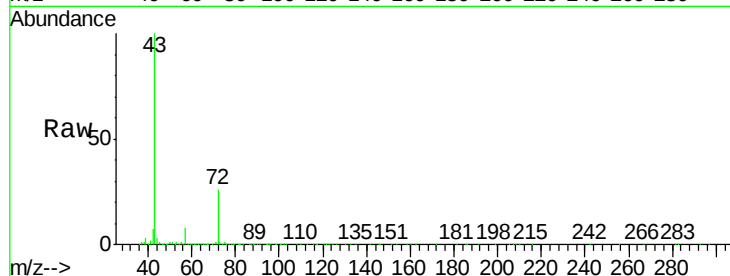
#25
2-Butanone
Concen: 269.815 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1081749
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.4

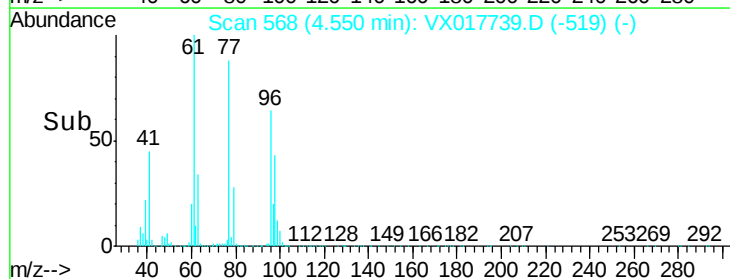
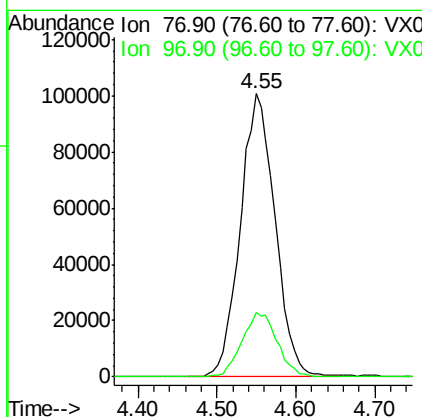
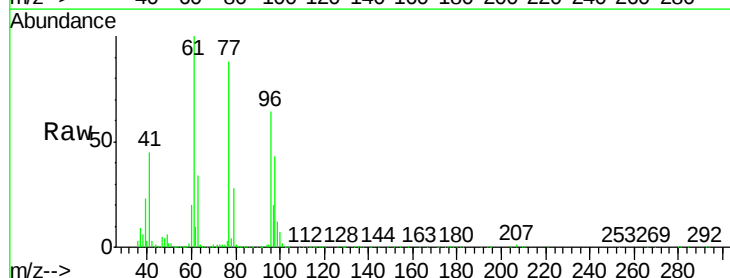
Manual Integrations
APPROVED

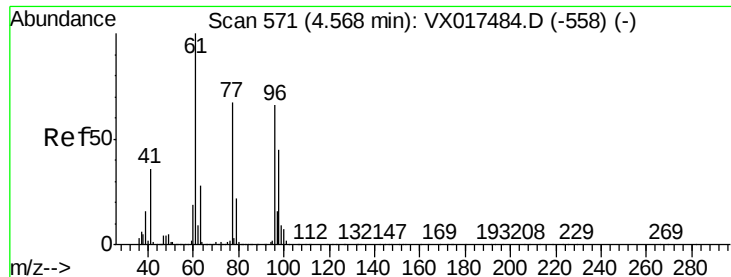
MMDadoda
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#26
2,2-Dichloropropane
Concen: 34.616 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 77 Resp: 307267
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

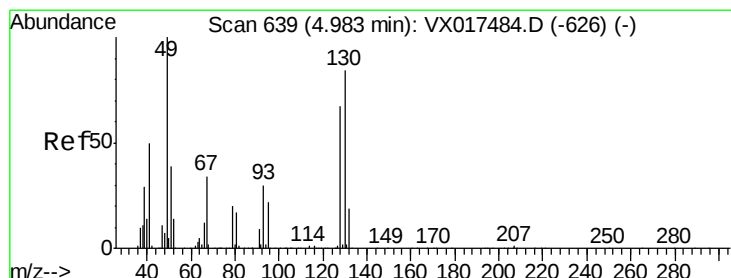
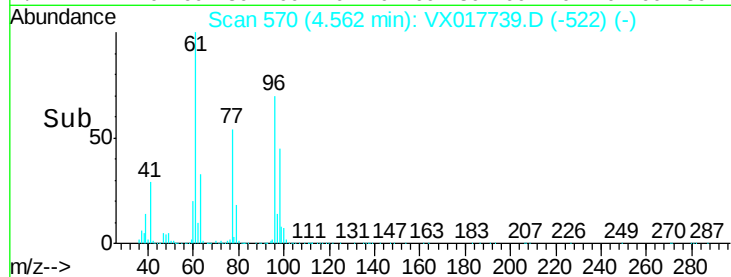
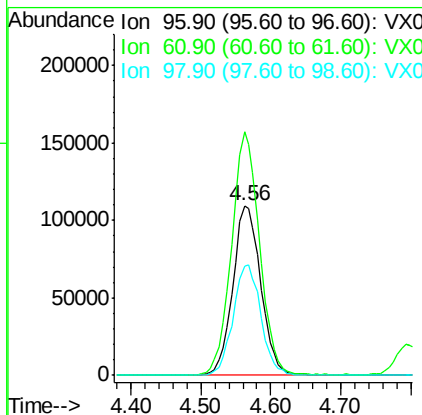
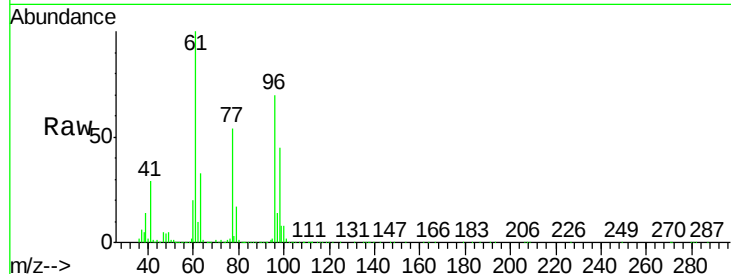
cis-1,2-Dichloroethene
Concen: 50.592 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	303518		
61	144.0	0.0	301.2	
98	64.8	0.0	130.0	

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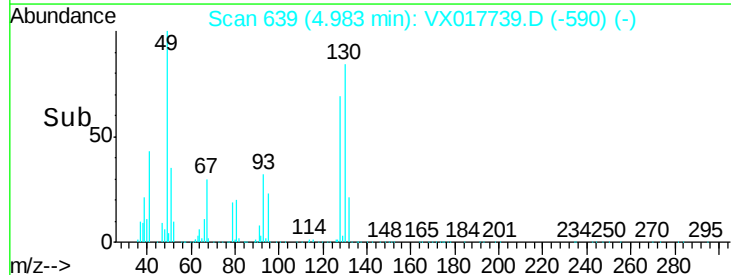
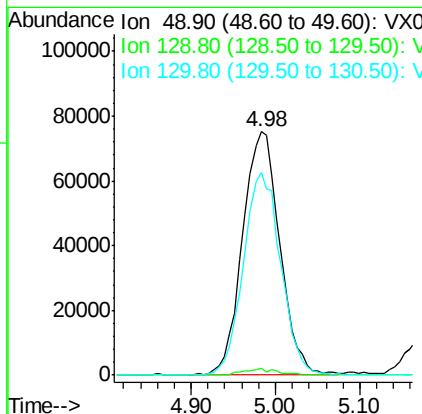
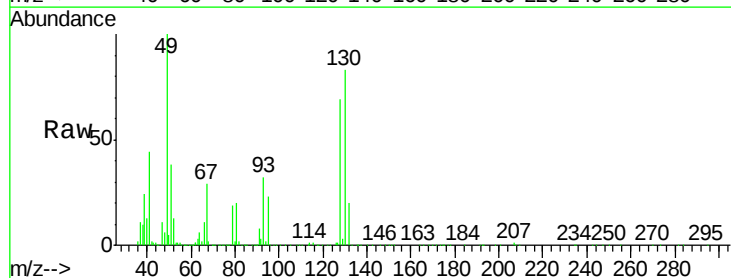
MMDadoda
8/3/2020 5:02:39 PM

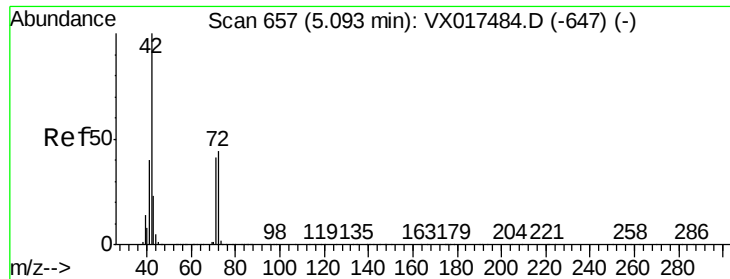


#28

Bromochloromethane
Concen: 50.059 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	224951		
129	2.6	0.0	4.6	
130	83.8	66.7	100.1	





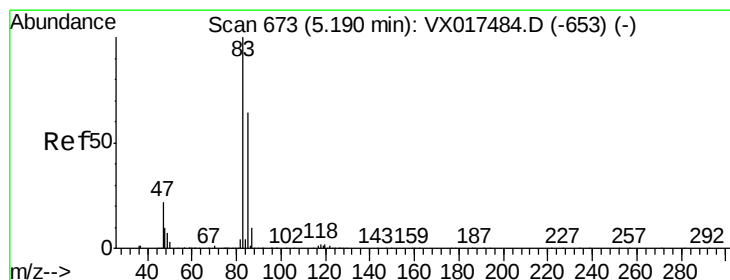
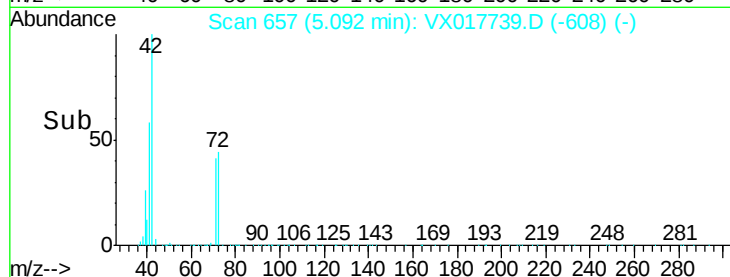
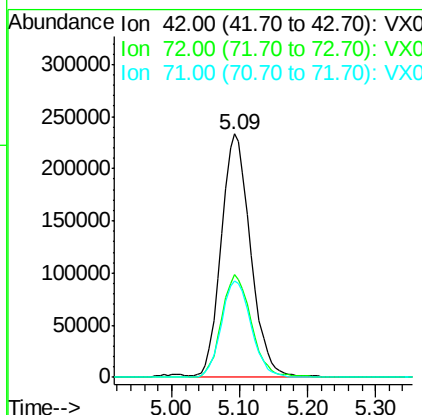
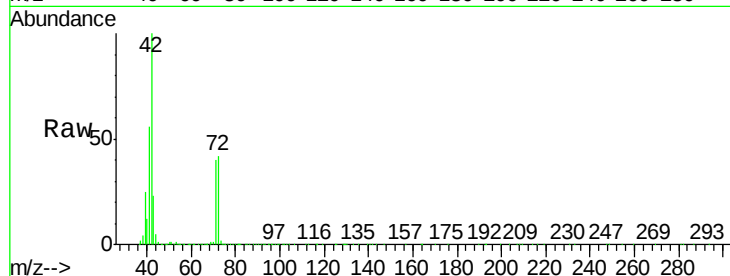
#29
Tetrahydrofuran
Concen: 280.287 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	696069
Ion Ratio		Lower	Upper
42	100		
72	43.2	35.5	53.3
71	40.3	33.0	49.4

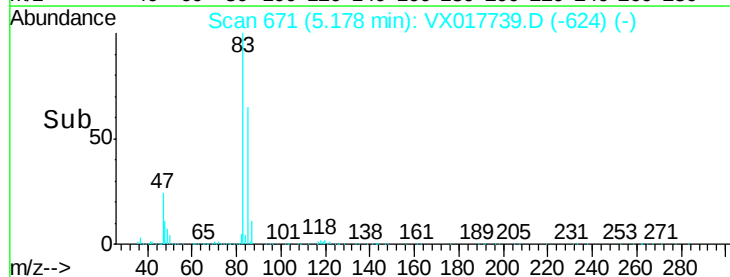
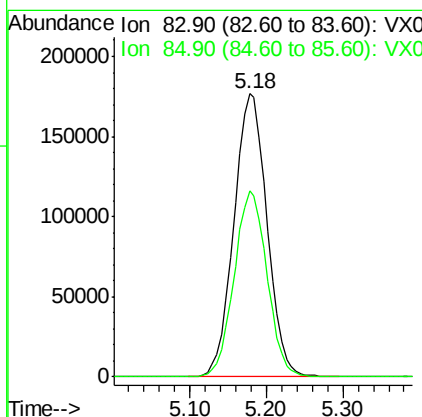
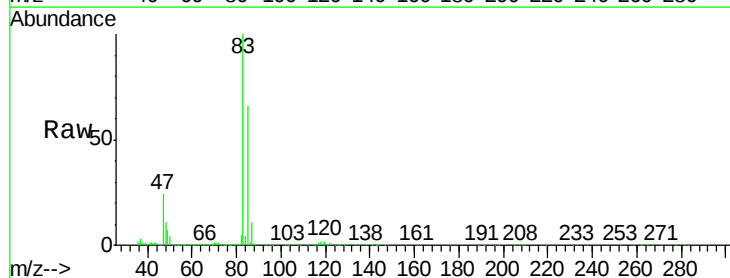
Manual Integrations
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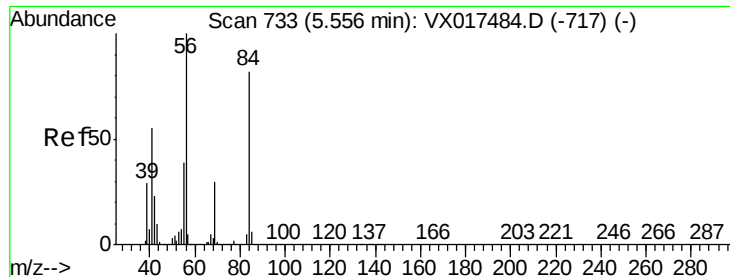
MMDadoda
8/3/2020 5:02:39 PM



#30
Chloroform
Concen: 52.321 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion:	83	Resp:	530133
Ion Ratio		Lower	Upper
83	100		
85	65.8	51.4	77.2





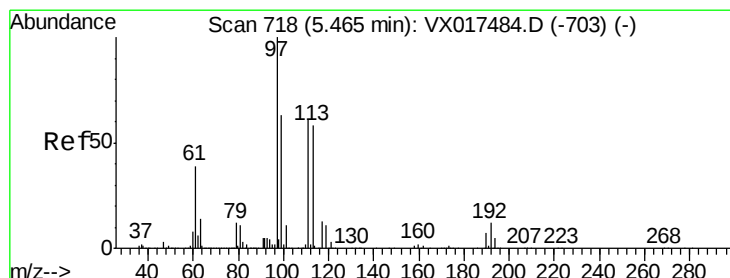
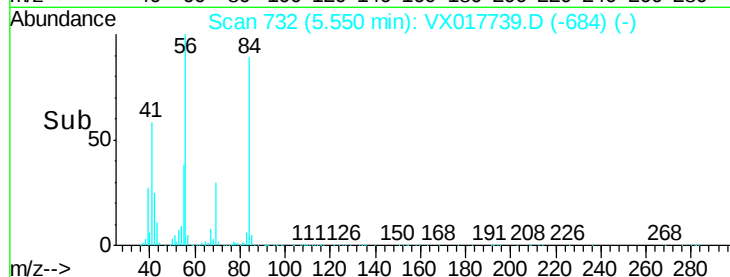
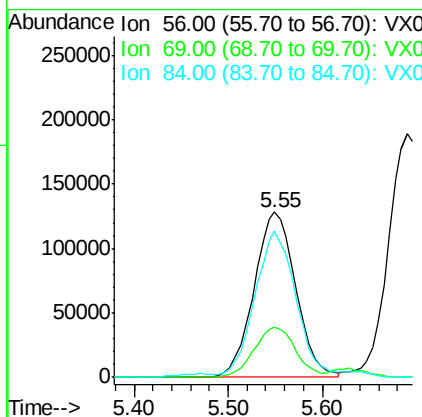
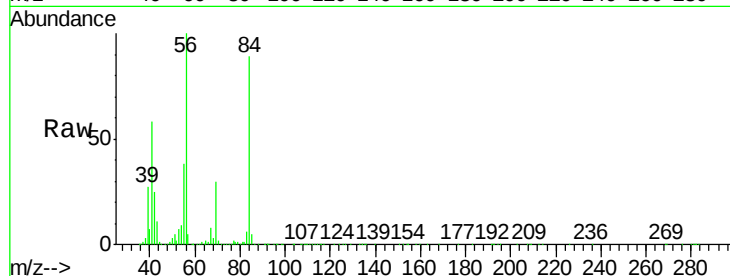
#31
Cyclohexane
Concen: 50.077 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.2	36.4
84	86.9	69.0	103.6

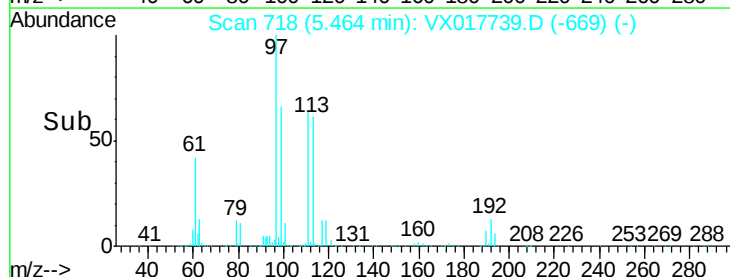
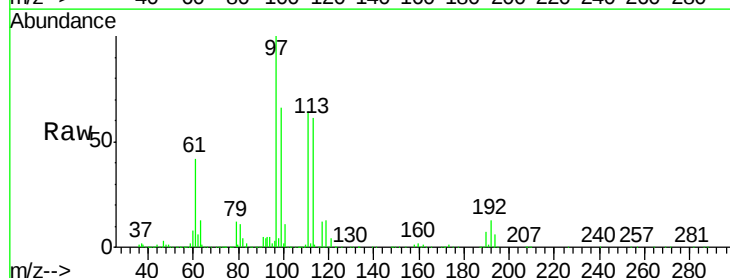
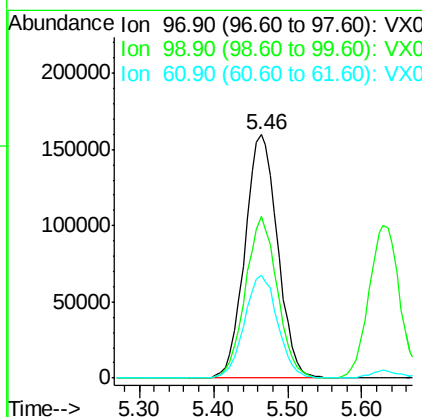
Manual Integrations
APPROVED

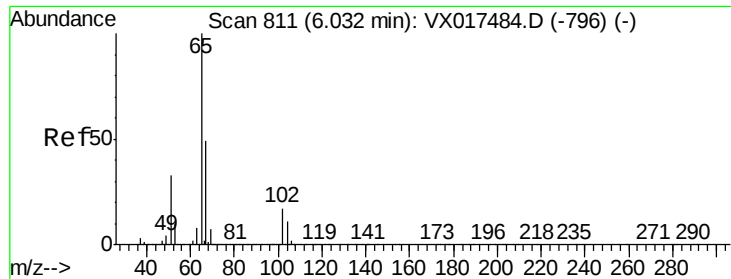
MMDadoda
8/3/2020 5:02:39 PM



#32
1,1,1-Trichloroethane
Concen: 51.481 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	42.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 56.557 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 362651

Ion Ratio Lower Upper

65 100

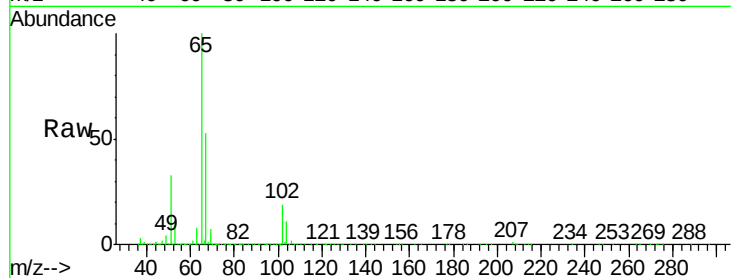
67 51.1 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

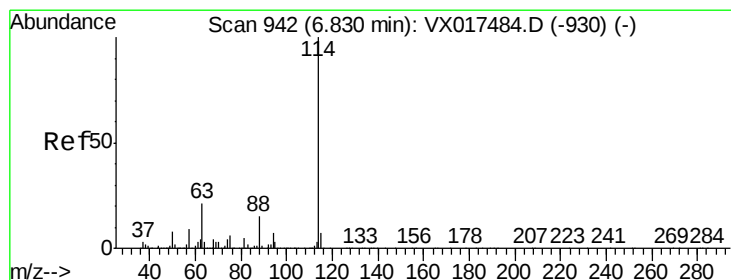
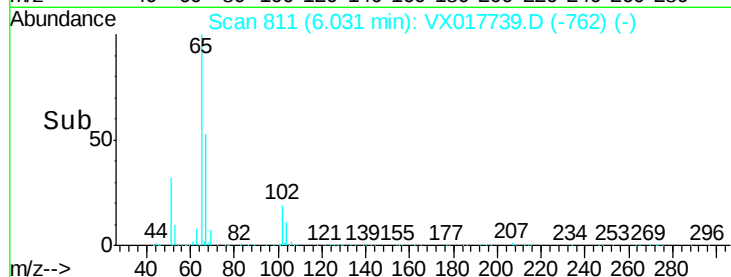
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

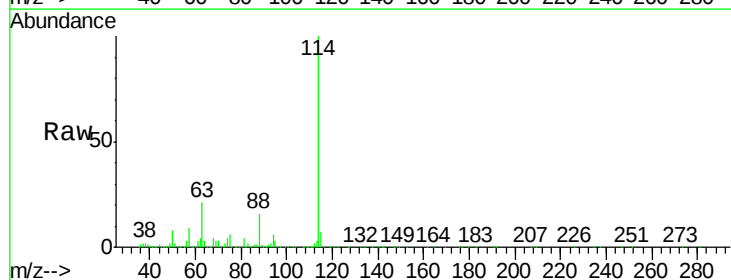
Tgt Ion: 114 Resp: 768913

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

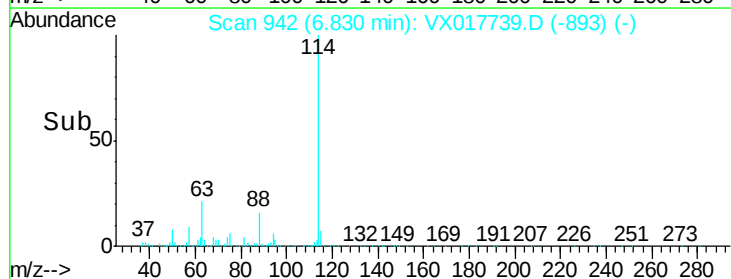
300000

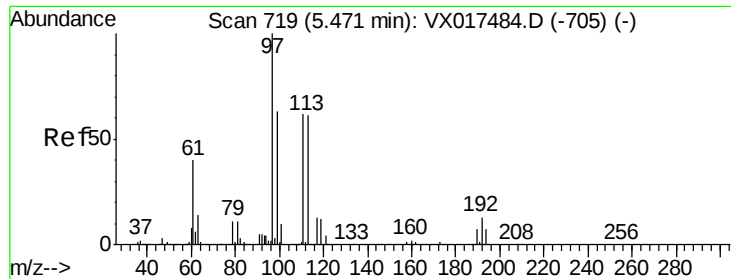
200000

100000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 56.099 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

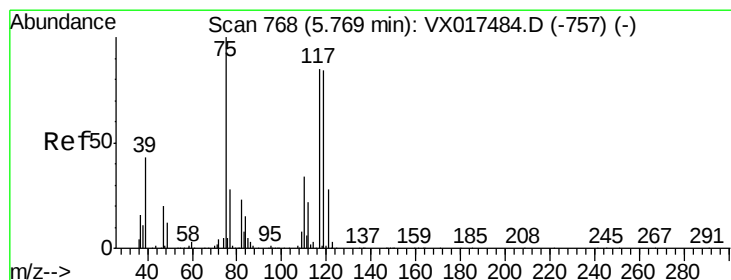
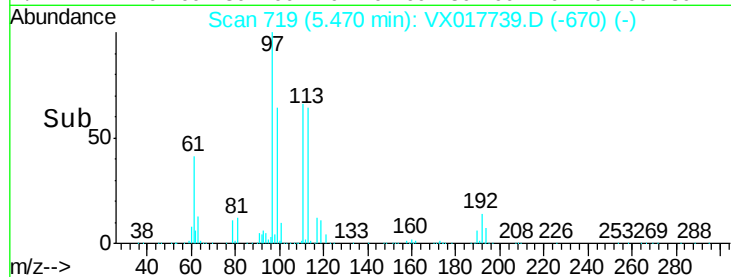
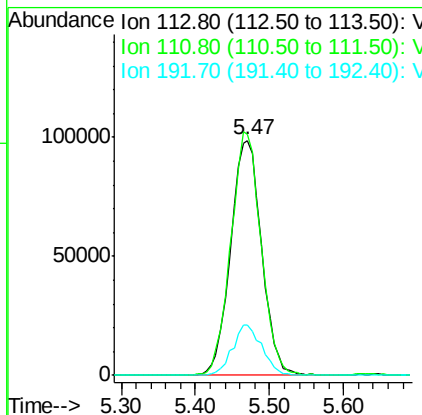
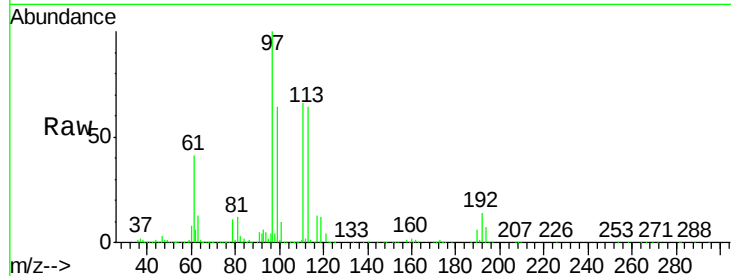
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	288491
Ion Ratio	Lower	Upper	
113	100		
111	100.7	80.7	121.1
192	20.5	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.624 ug/l

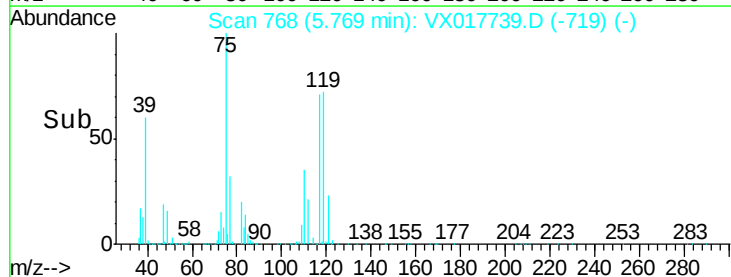
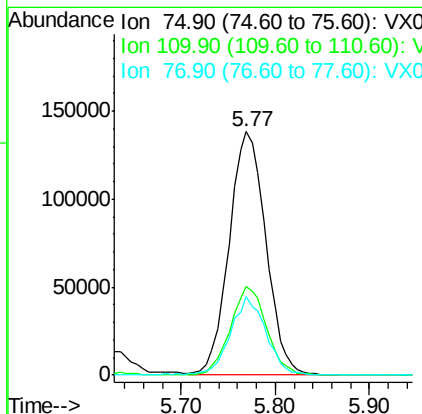
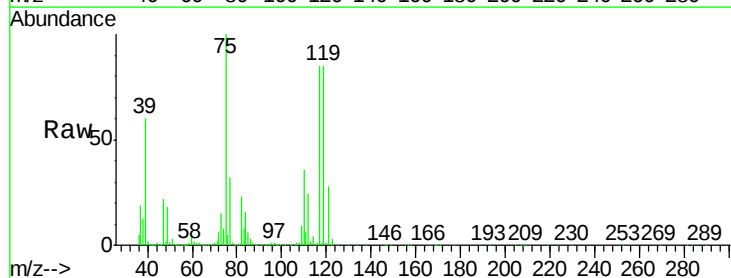
RT: 5.77 min Scan# 768

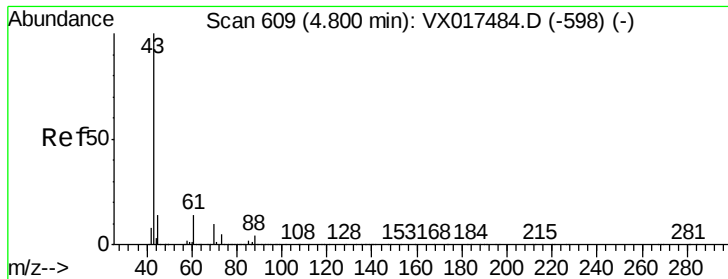
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	75	Resp:	373329
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.3
77	30.3	24.6	37.0





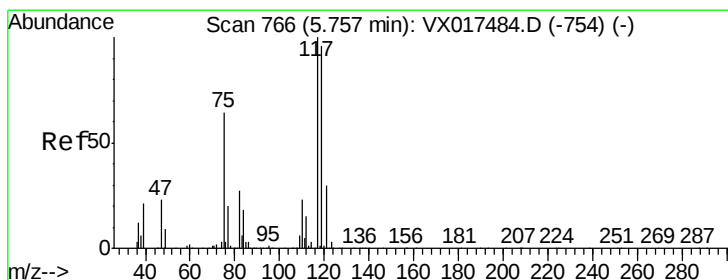
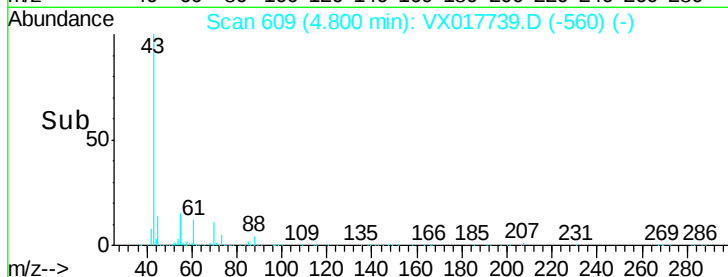
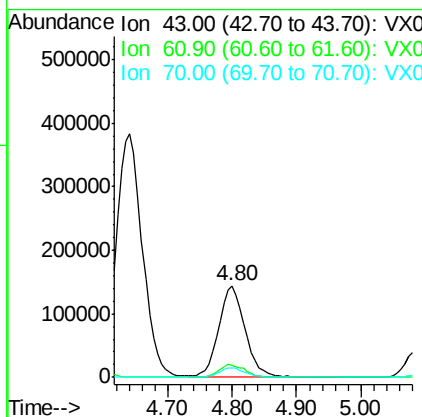
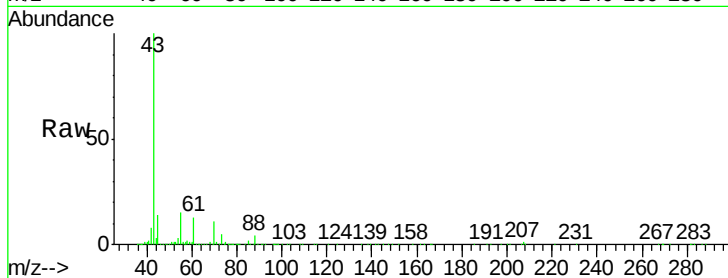
#37
Ethyl Acetate
Concen: 51.221 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	413299
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.3	8.5	12.7

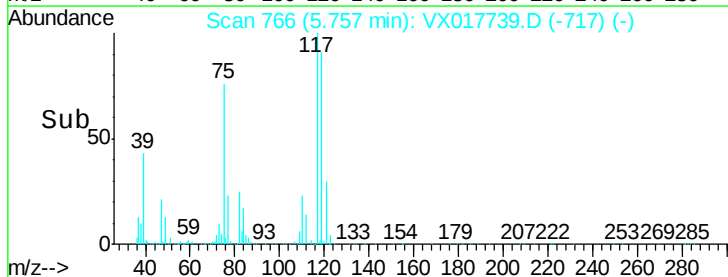
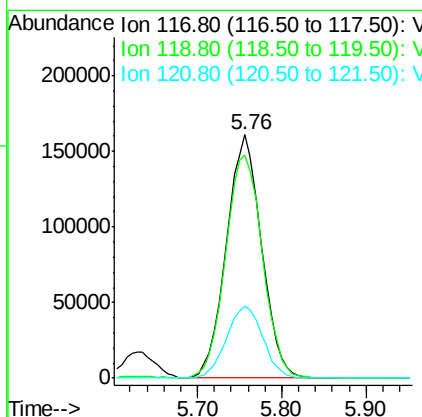
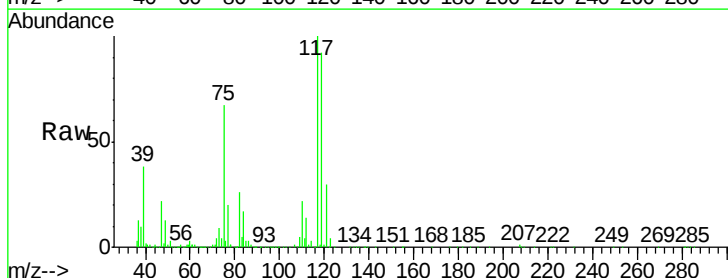
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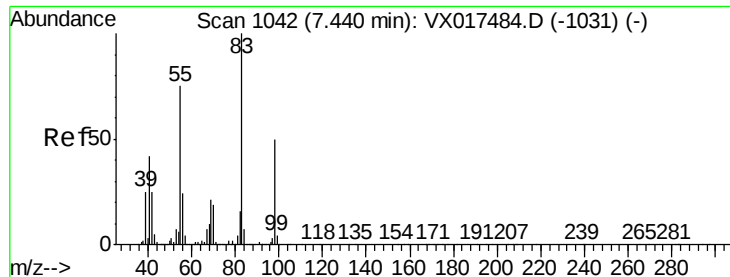
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#38
Carbon Tetrachloride
Concen: 50.759 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	117	Resp	454571
Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.4	113.0
121	29.8	24.3	36.5





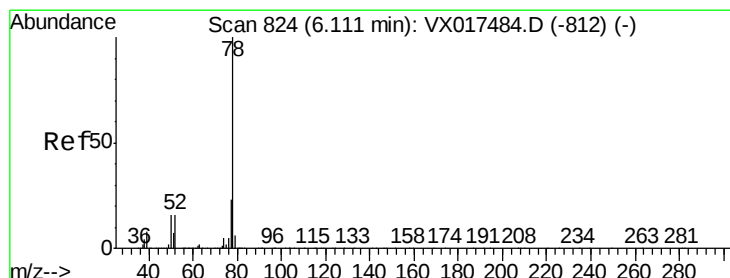
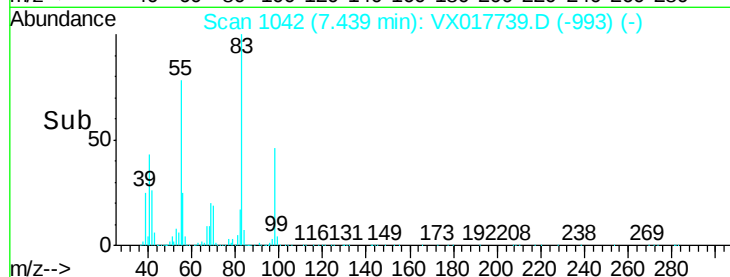
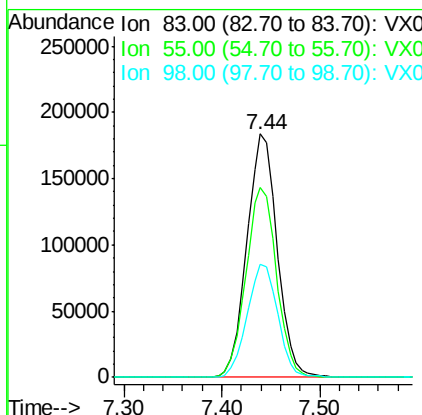
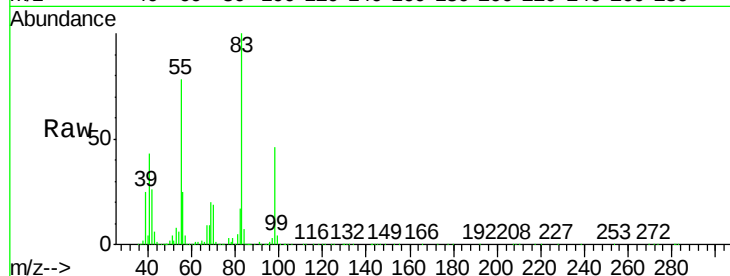
#39
Methvlcvclohexane
Concen: 45.913 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.8
98	46.4	36.9	55.3

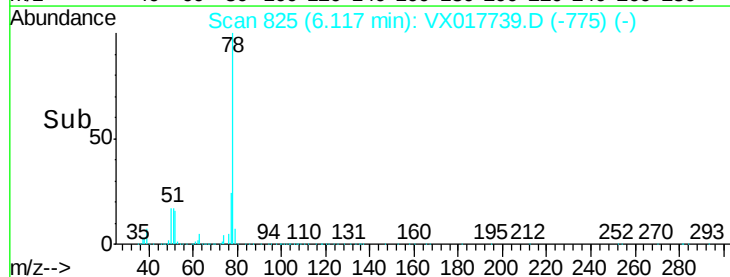
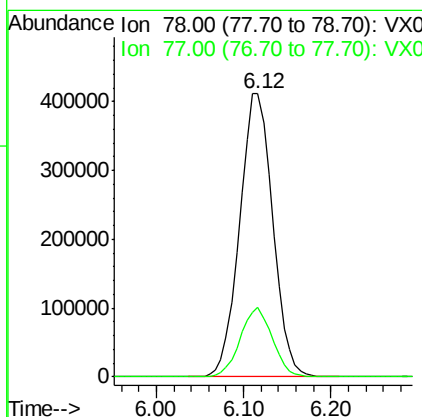
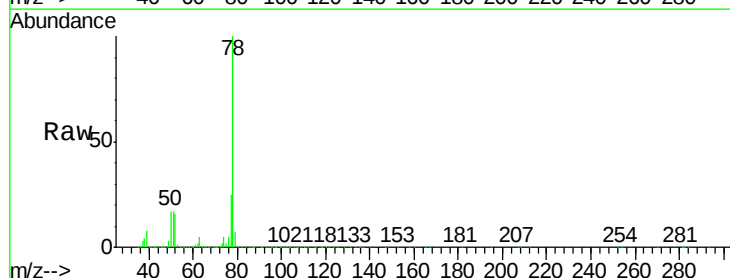
Manual Integrations
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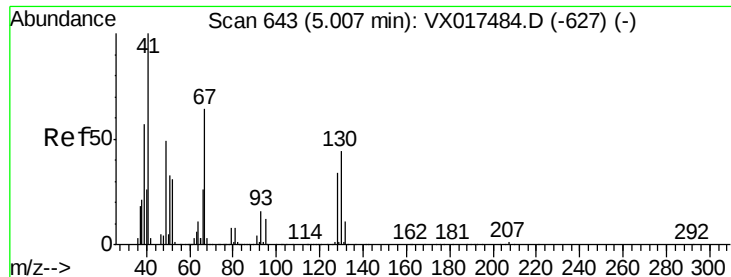
MMDadoda
8/3/2020 5:02:39 PM



#40
Benzene
Concen: 51.373 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.2





#41

Methacrylonitrile

Concen: 48.699 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017739.D

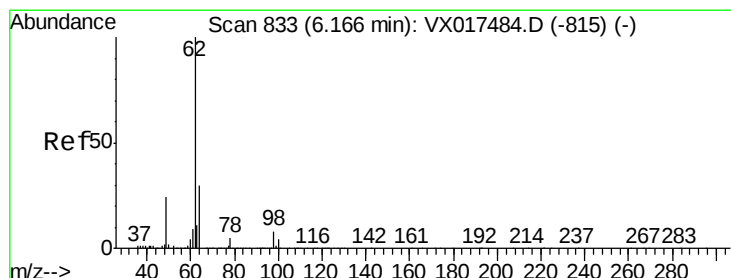
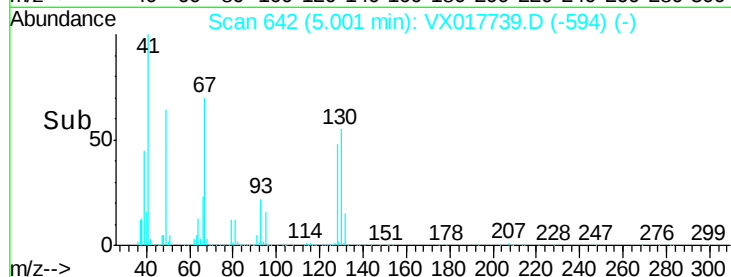
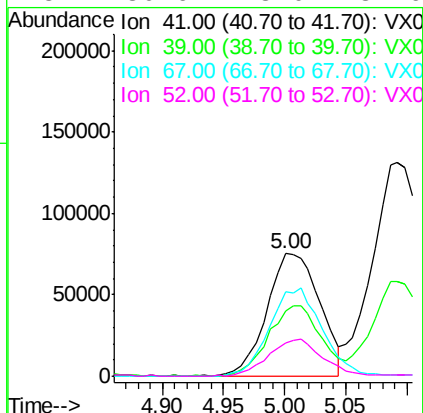
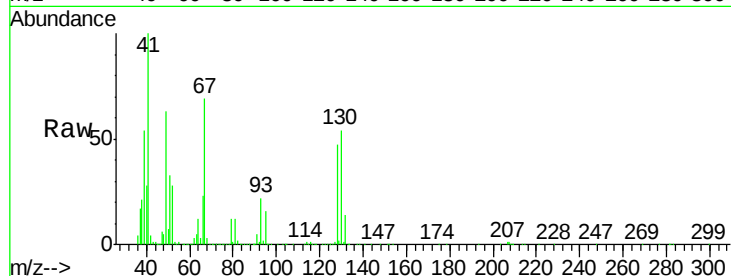
Acq: 01 Aug 2020 06:41

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.9	65.9
67	72.6	54.0	81.0
52	30.6	23.0	34.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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8/3/2020 5:02:39 PM



#42

1,2-Dichloroethane

Concen: 51.668 ug/l

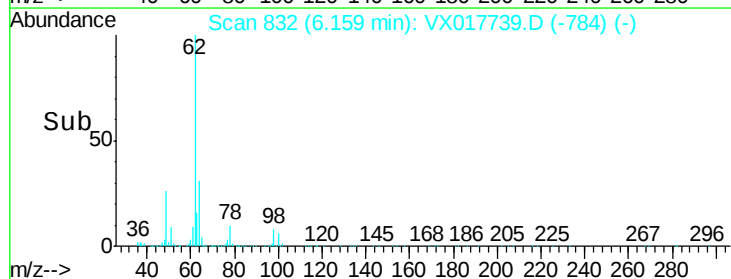
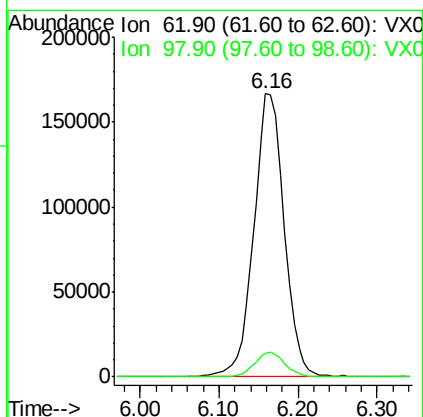
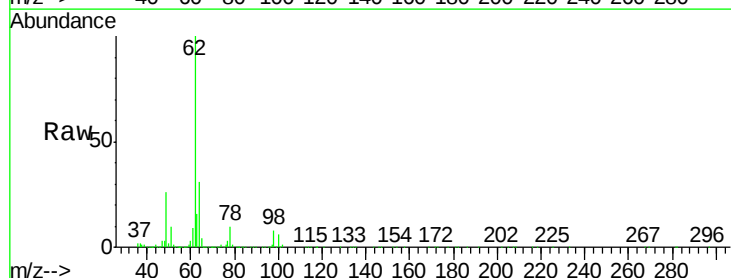
RT: 6.16 min Scan# 832

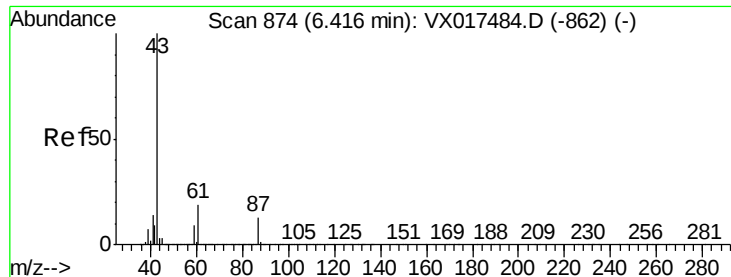
Delta R.T. -0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0





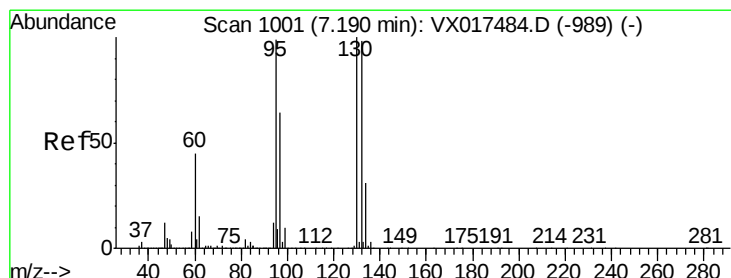
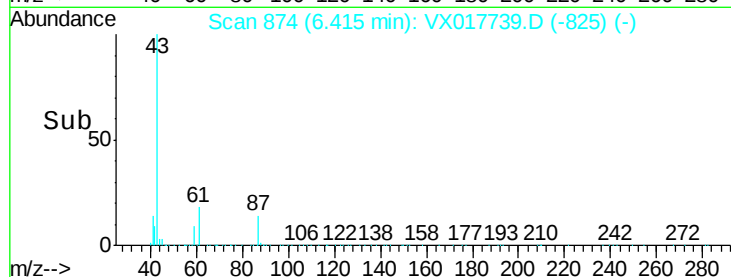
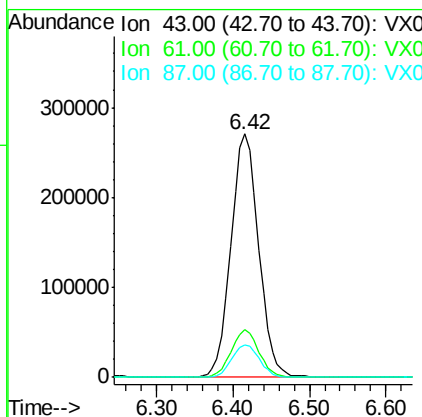
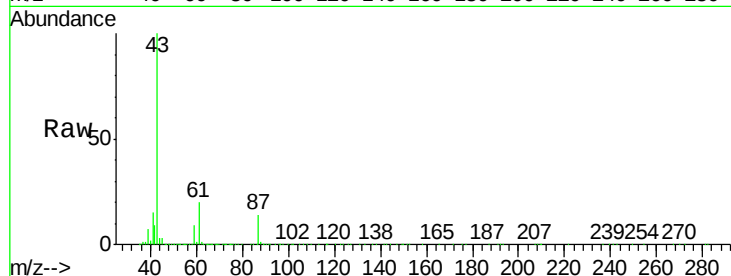
#43
Isopropyl Acetate
Concen: 50.785 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.5	10.5	15.7

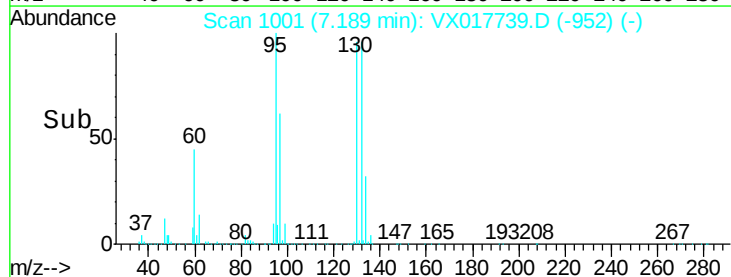
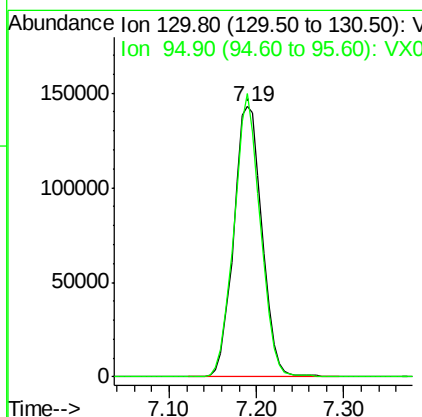
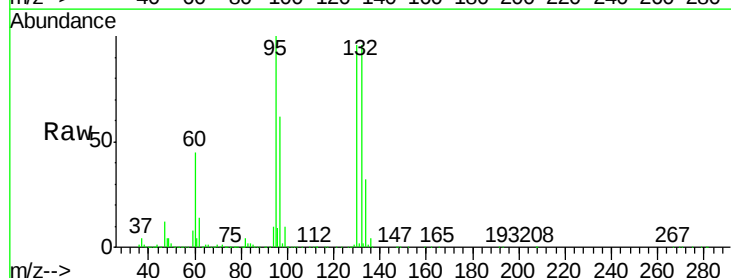
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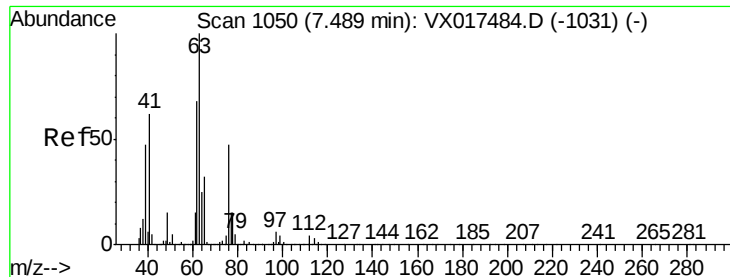
MMDadoda
8/3/2020 5:02:39 PM



#44
Trichloroethene
Concen: 52.048 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	189.0





#45

1,2-Dichloropropane

Concen: 51.005 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 298944

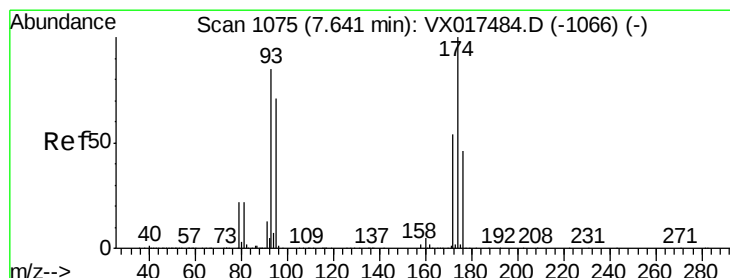
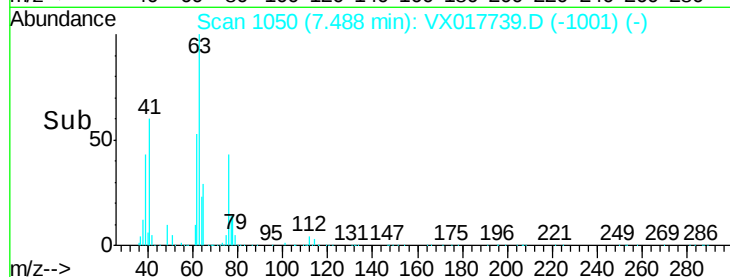
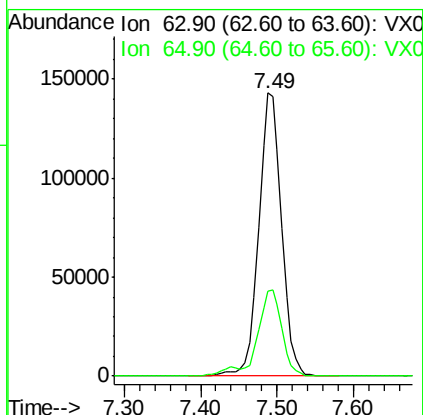
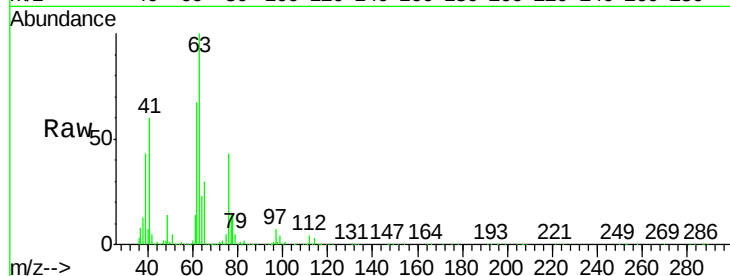
Ion Ratio Lower Upper

63 100

65 29.8 24.5 36.7

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#46

Dibromomethane

Concen: 50.339 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

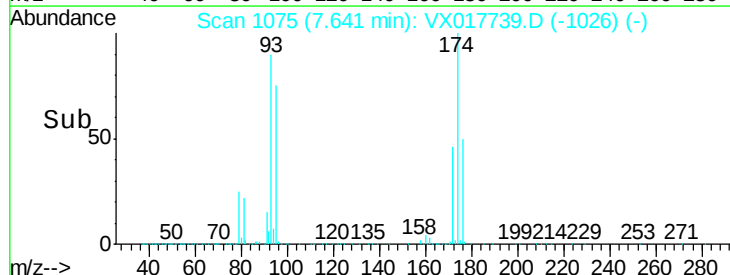
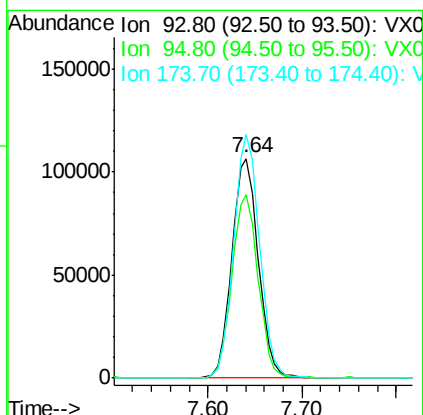
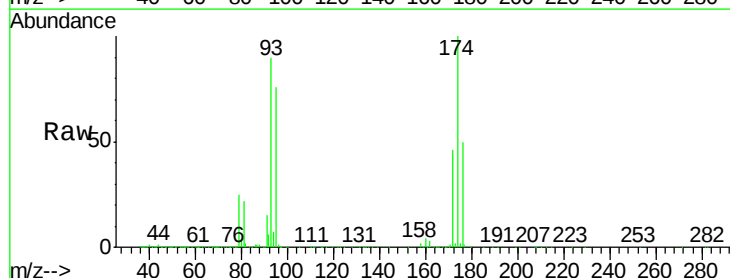
Tgt Ion: 93 Resp: 208509

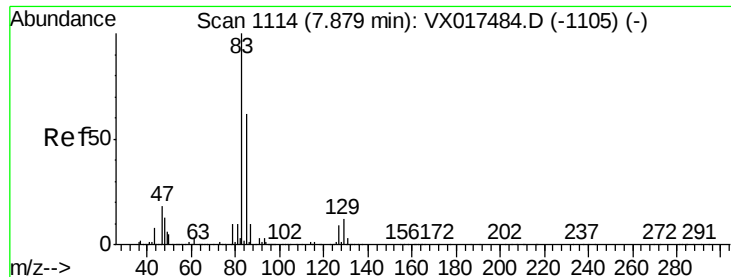
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 108.6 87.0 130.6





#47

Bromodichloromethane

Concen: 53.227 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

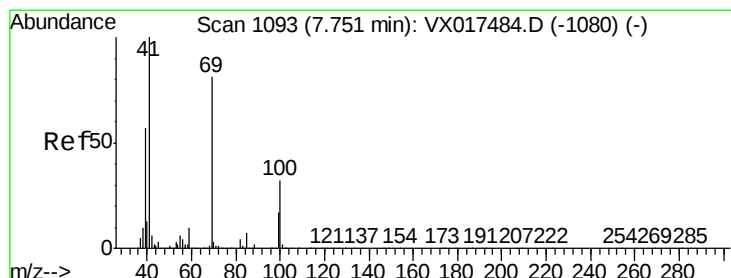
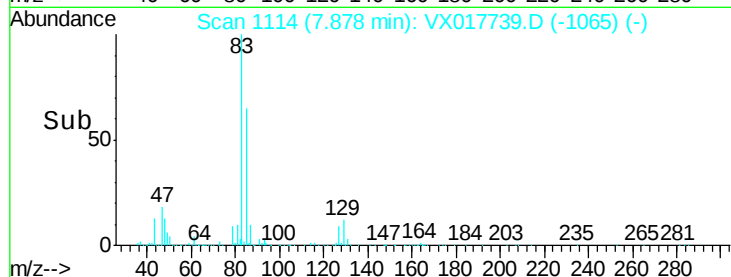
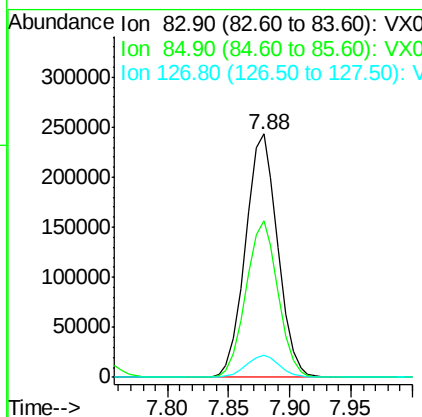
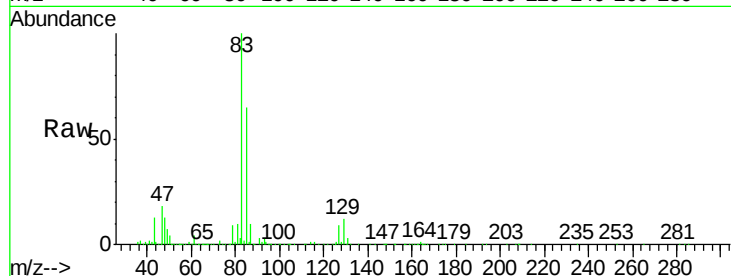
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	443613
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8
127	9.3	7.4	11.2

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#48

Methyl methacrylate

Concen: 52.842 ug/l

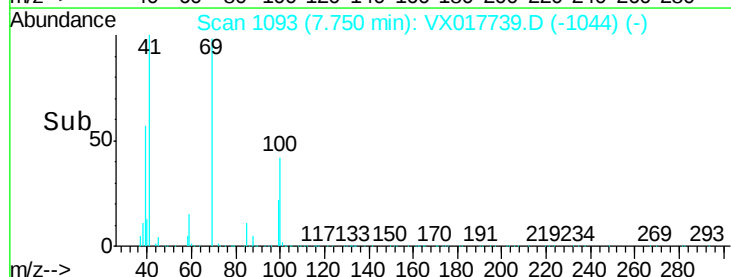
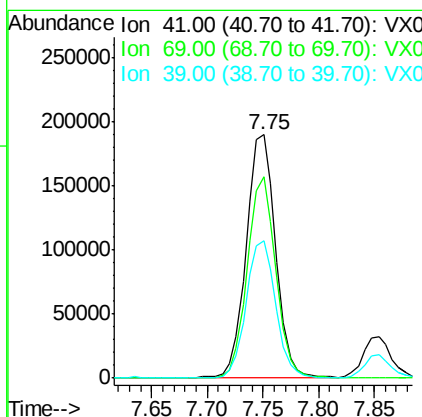
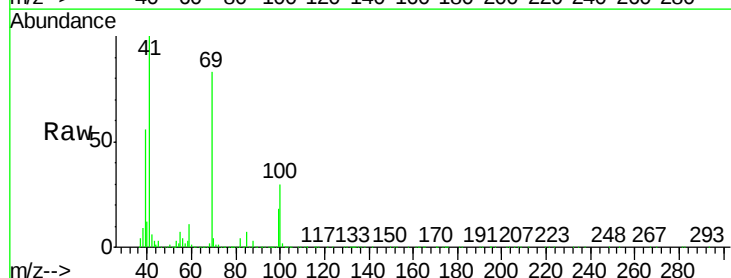
RT: 7.75 min Scan# 1093

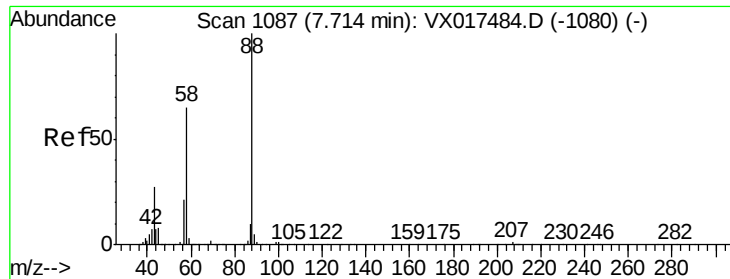
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	41	Resp:	348718
Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.1	94.7
39	56.3	45.1	67.7





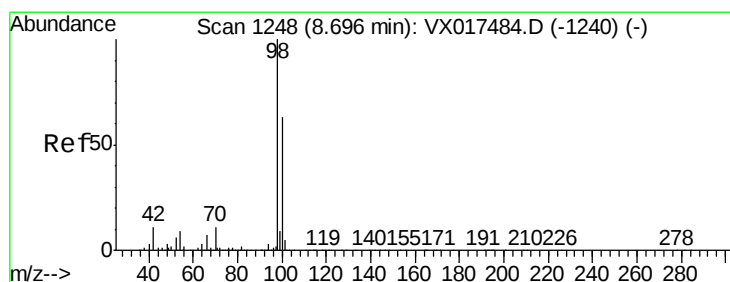
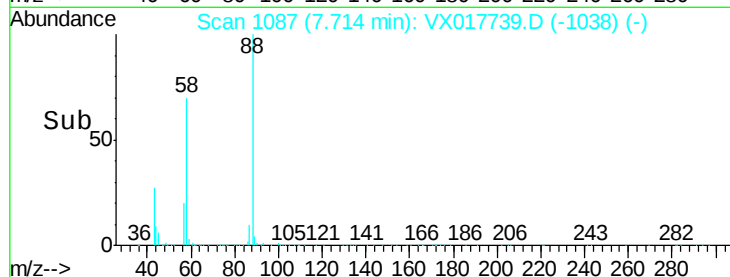
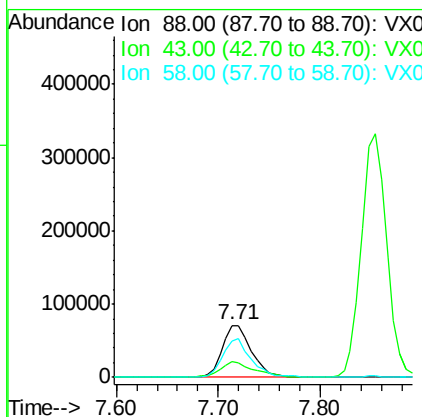
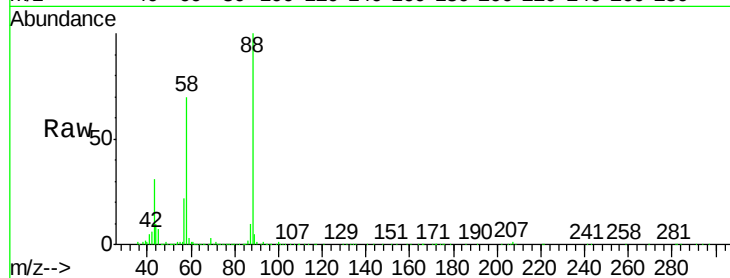
#49
1,4-Dioxane
Concen: 1117.913 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.8	41.6
58	72.4	58.3	87.5

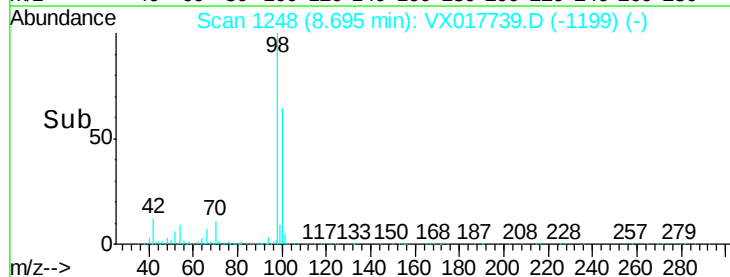
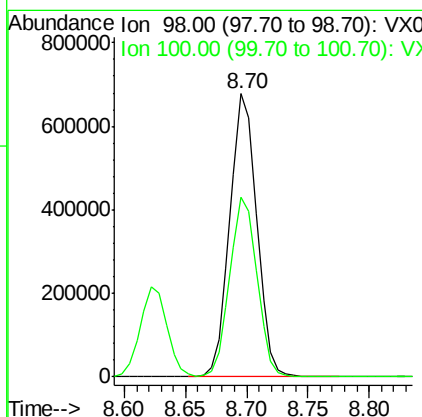
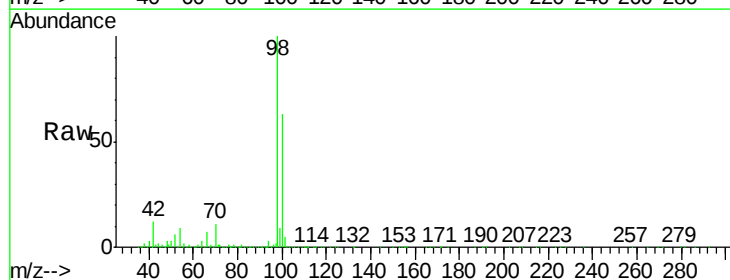
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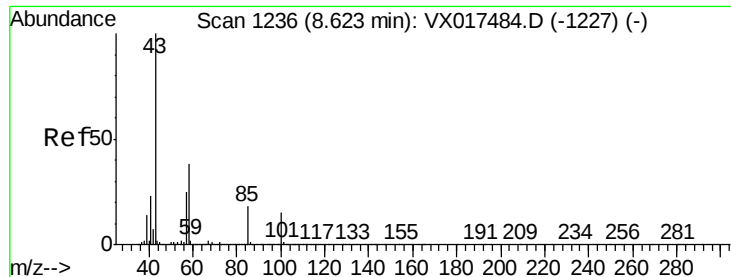
MMDadoda
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#50
Toluene-d8
Concen: 55.623 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 278.095 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2209050

Ion Ratio Lower Upper

43 100

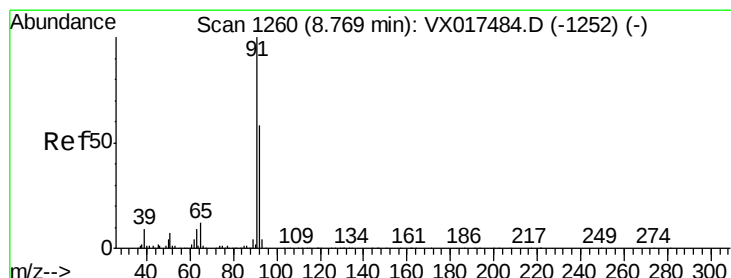
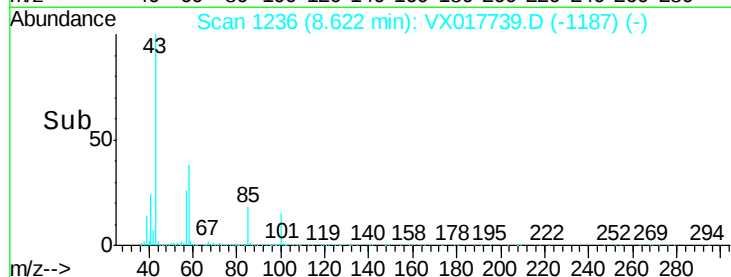
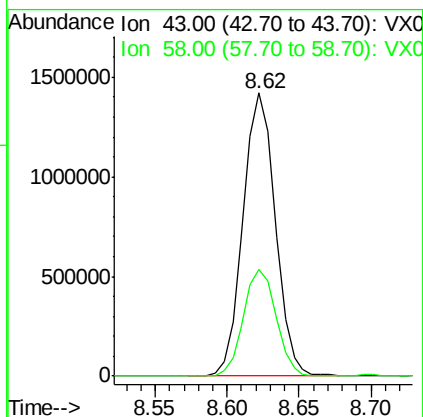
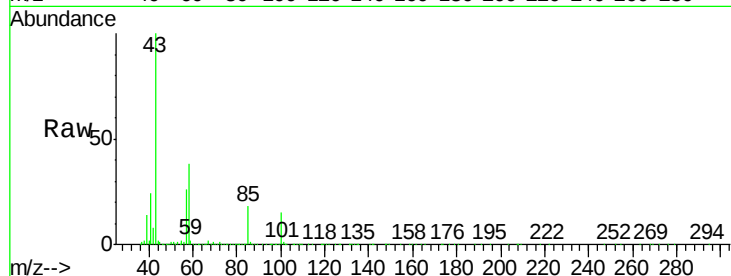
58 38.2 31.0 46.4

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#52

Toluene

Concen: 52.144 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017739.D

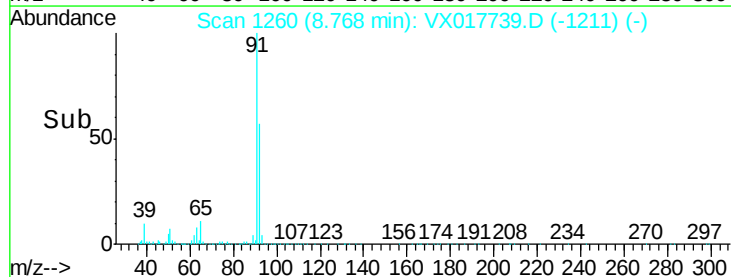
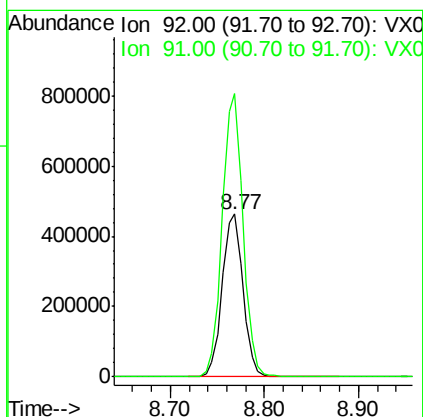
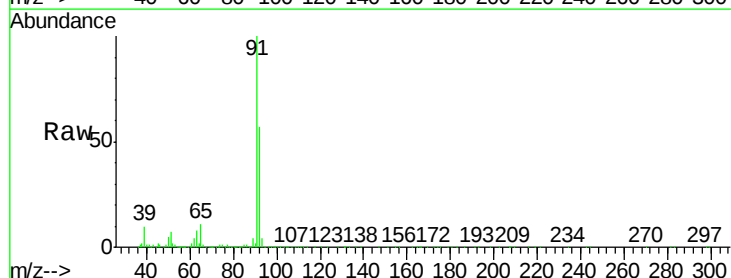
Acq: 01 Aug 2020 06:41

Tgt Ion: 92 Resp: 707022

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





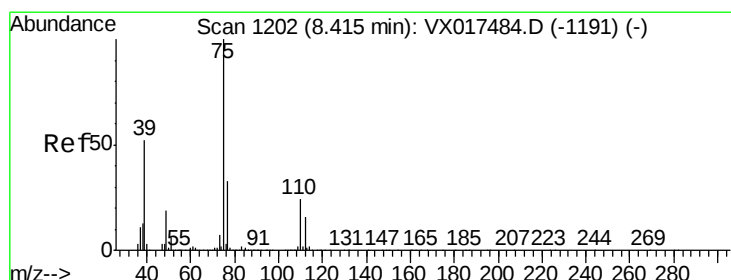
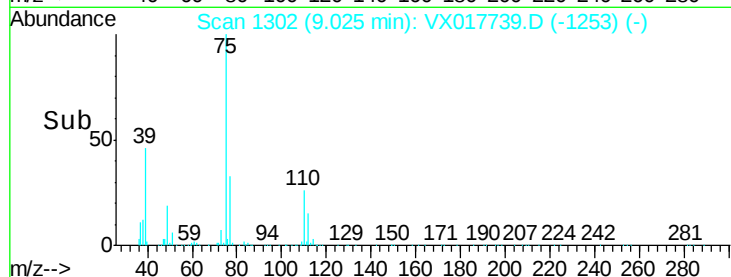
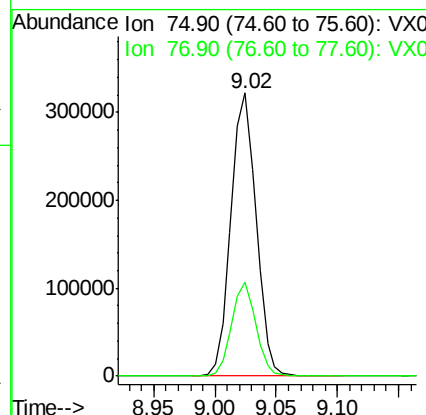
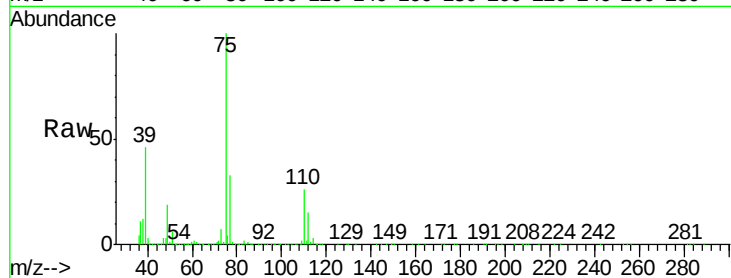
#53
t-1,3-Dichloropropene
Concen: 49.250 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.5	38.3

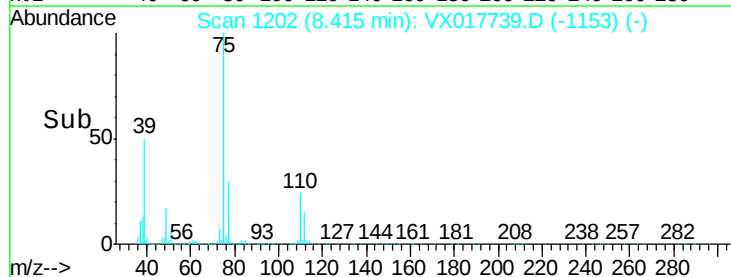
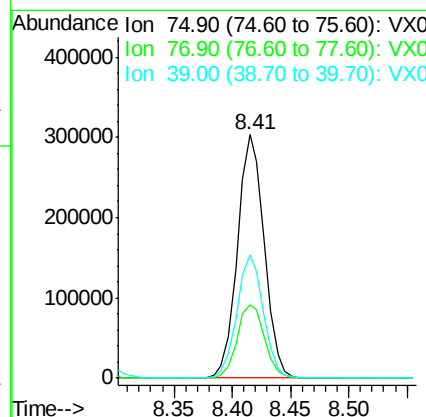
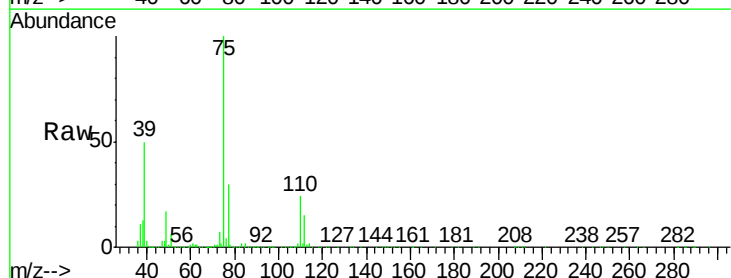
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#54
cis-1,3-Dichloropropene
Concen: 51.006 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.5	38.3
39	50.3	41.8	62.8





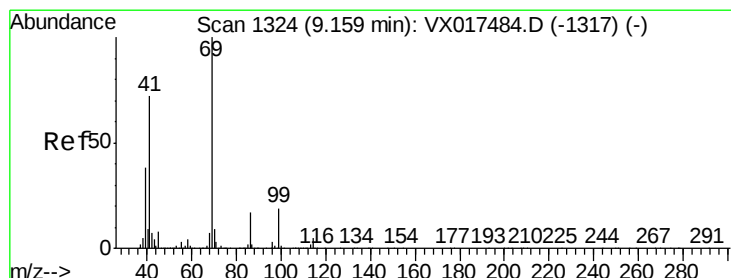
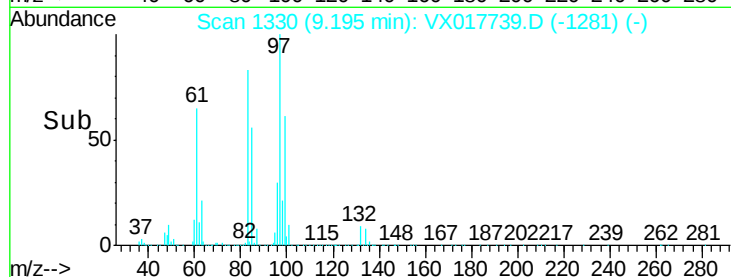
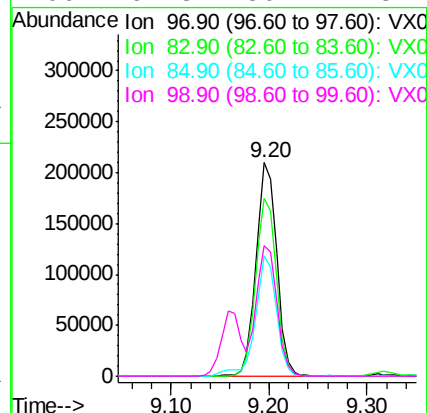
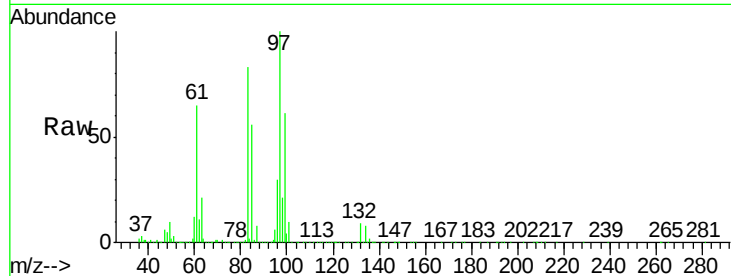
#55
 1,1,2-Trichloroethane
 Concen: 54.753 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		309266		
83	83.1	67.6	101.4		
85	56.4	44.6	67.0		
99	61.3	50.2	75.4		

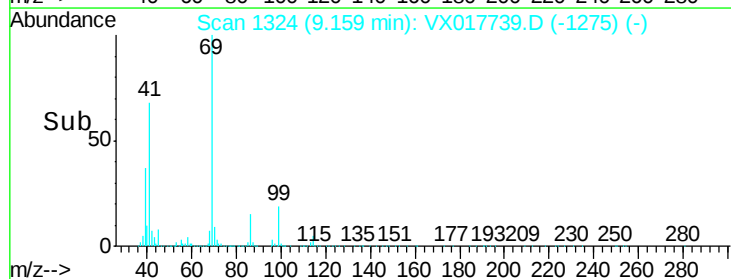
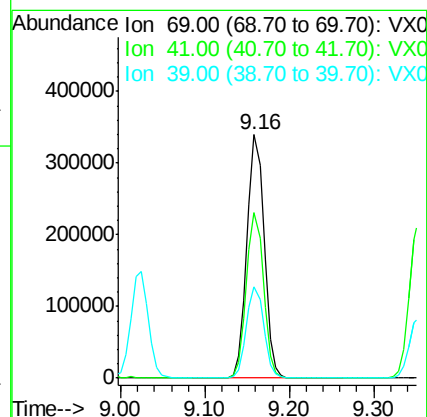
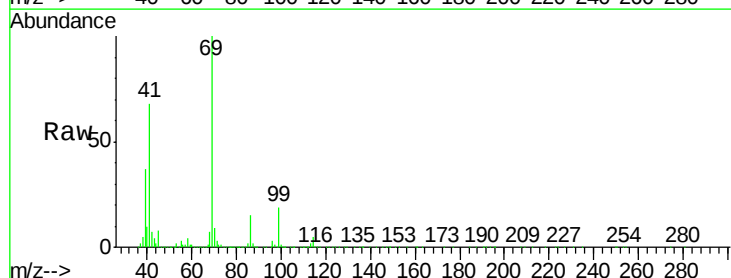
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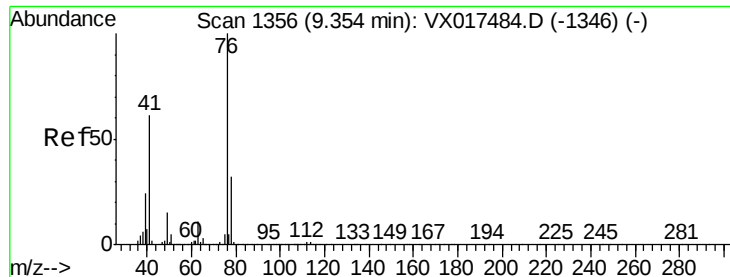
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 8/3/2020 5:02:39 PM



#56
 Ethyl methacrylate
 Concen: 54.379 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		462753		
41	67.8	55.0	82.6		
39	38.0	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 53.682 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 499285

Ion Ratio Lower Upper

76 100

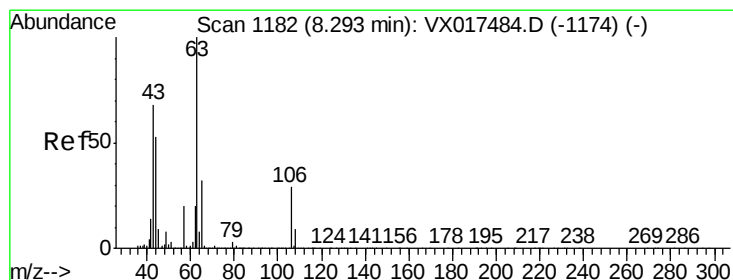
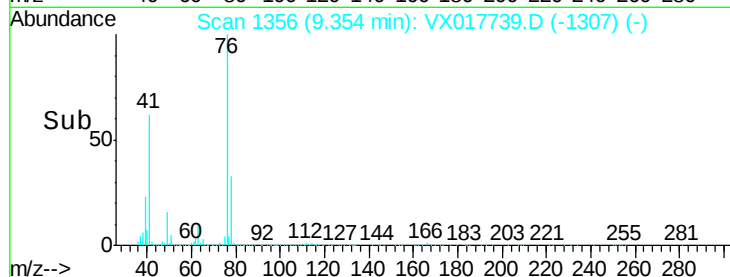
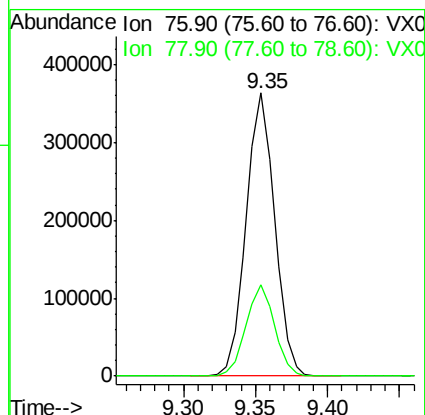
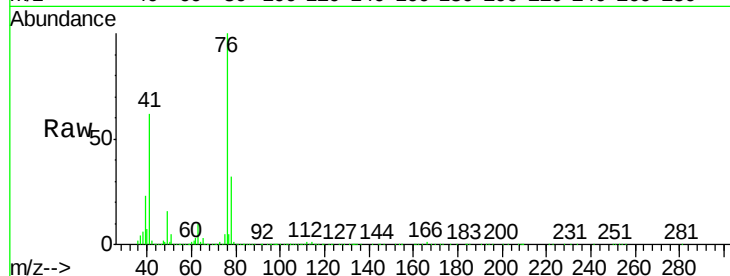
78 32.4 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 263.241 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017739.D

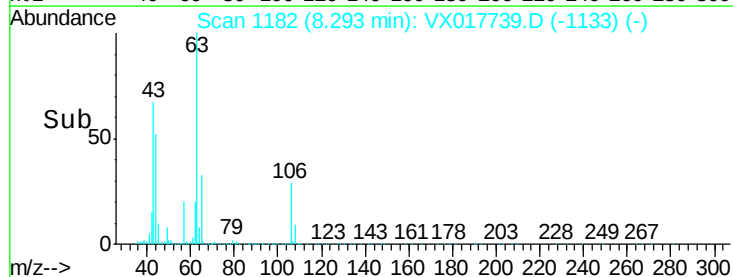
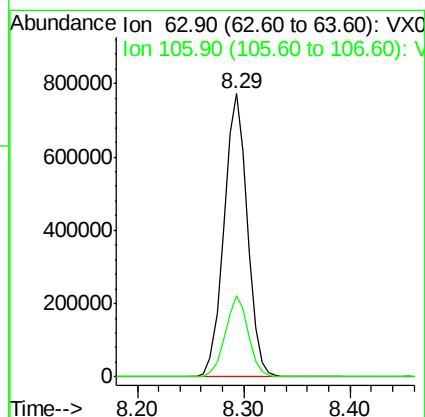
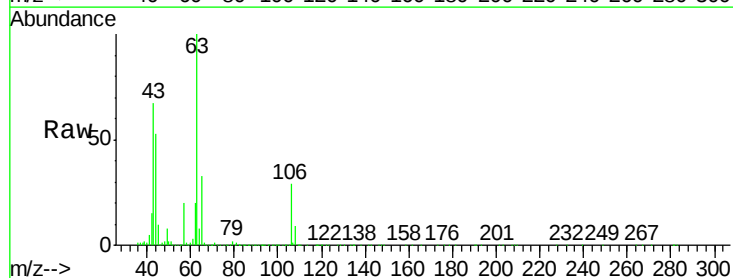
Acq: 01 Aug 2020 06:41

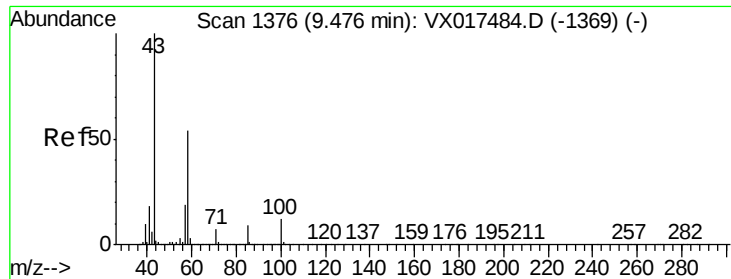
Tgt Ion: 63 Resp: 1180196

Ion Ratio Lower Upper

63 100

106 28.0 22.6 34.0





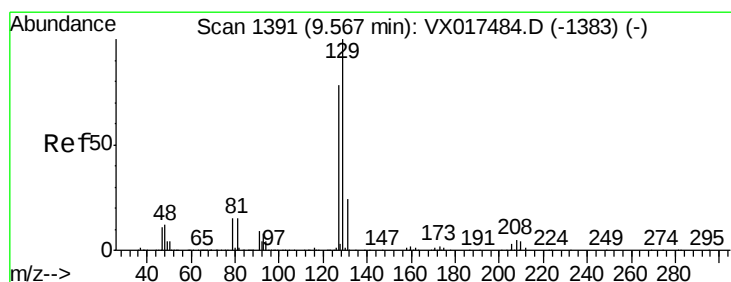
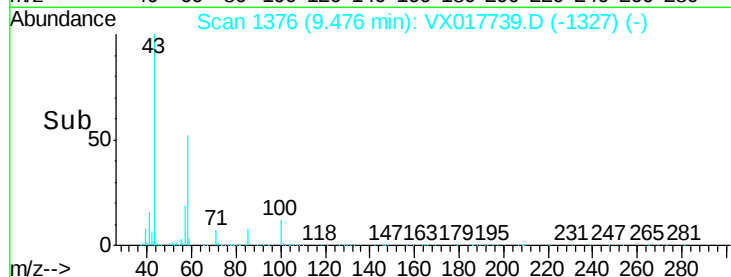
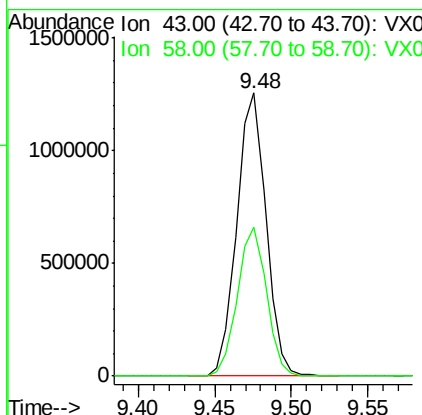
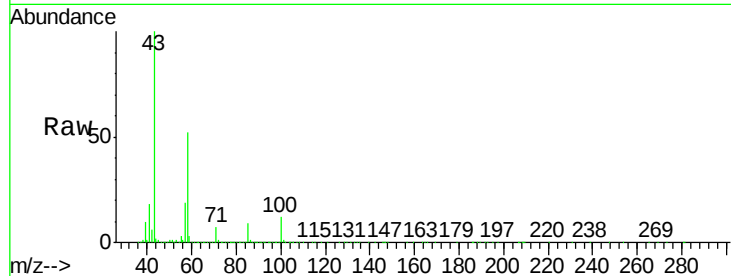
#59
2-Hexanone
Concen: 278.694 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1666746
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8

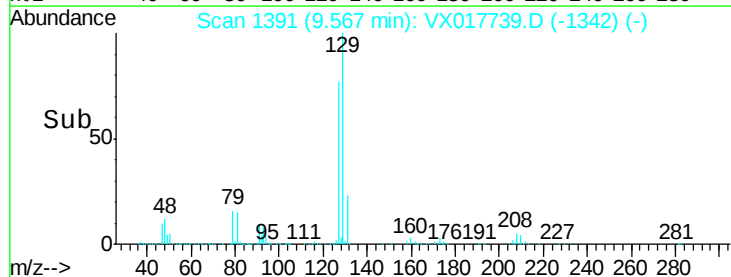
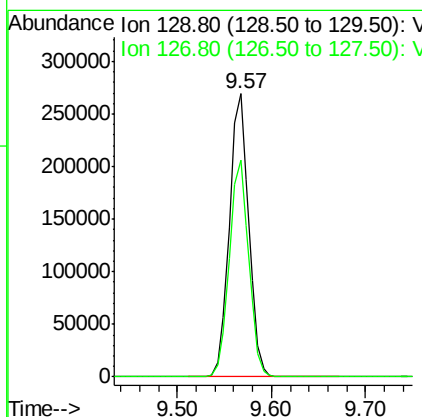
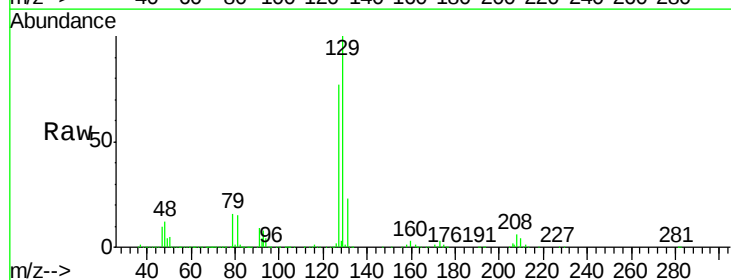
Manual Integrations
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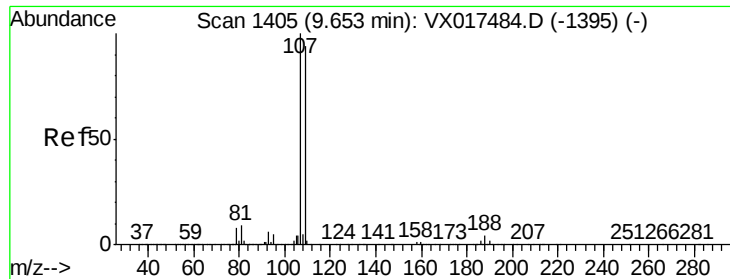
MMDadoda
8/3/2020 5:02:39 PM



#60
Dibromochloromethane
Concen: 53.386 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 129 Resp: 383270
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 55.749 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 335249

Ion Ratio Lower Upper

107 100

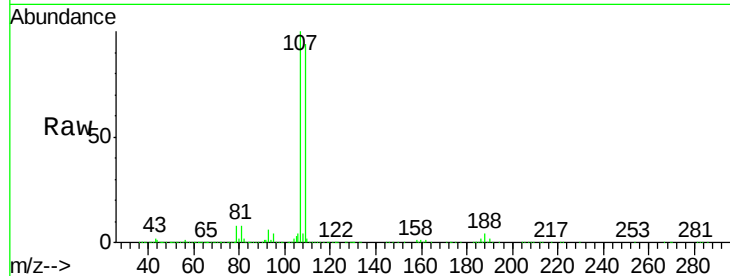
109 93.4 74.9 112.3

Manual Integrations

APPROVED

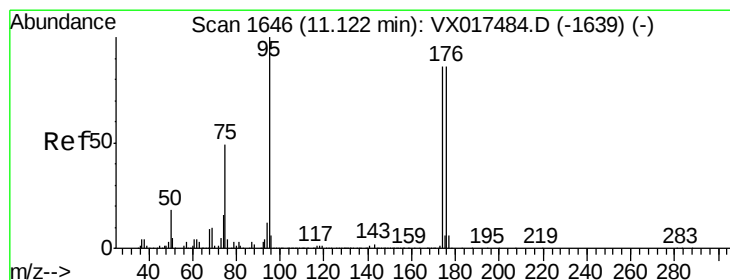
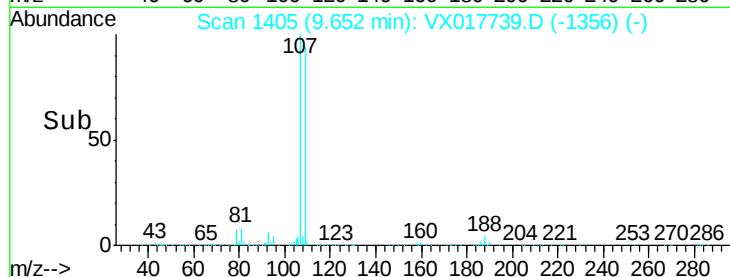
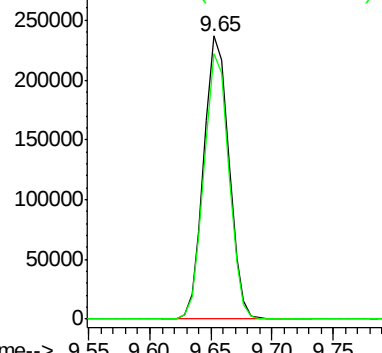
MMDadoda

8/3/2020 5:02:39 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.179 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

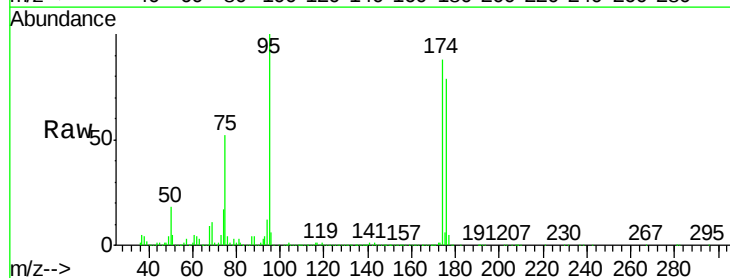
Tgt Ion: 95 Resp: 417096

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.0

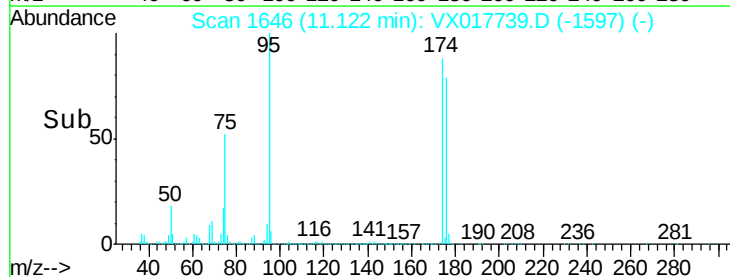
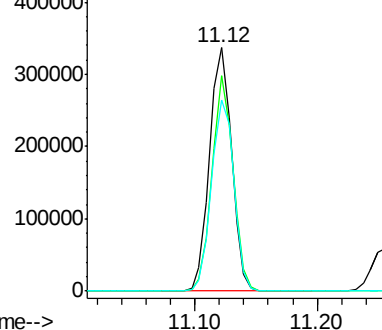
176 79.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





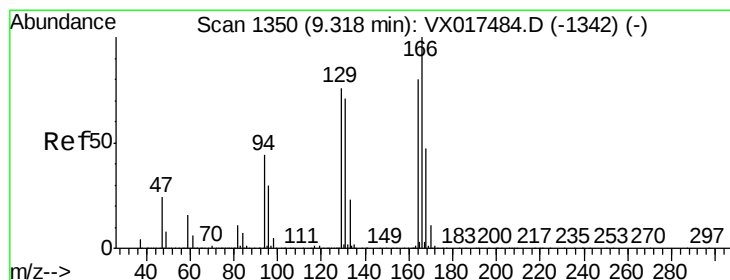
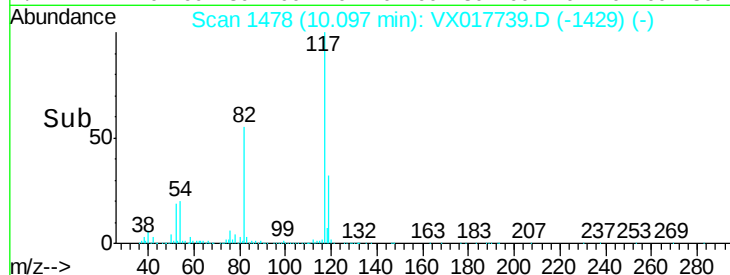
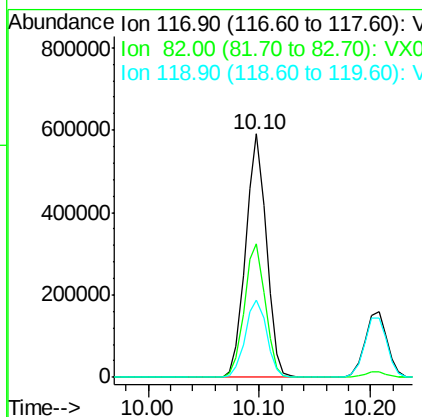
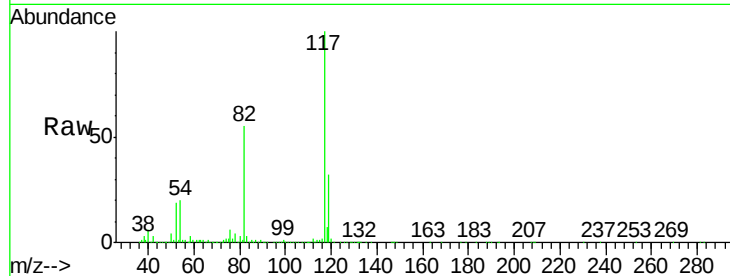
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.0	66.0
119	31.8	25.4	38.0

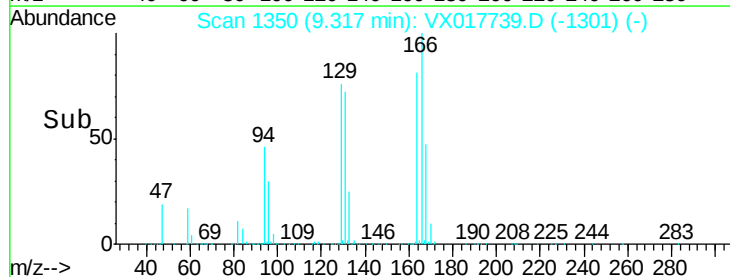
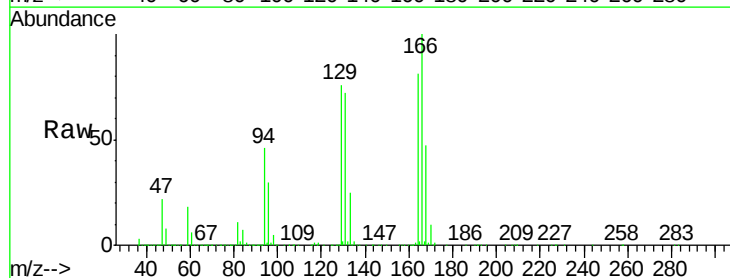
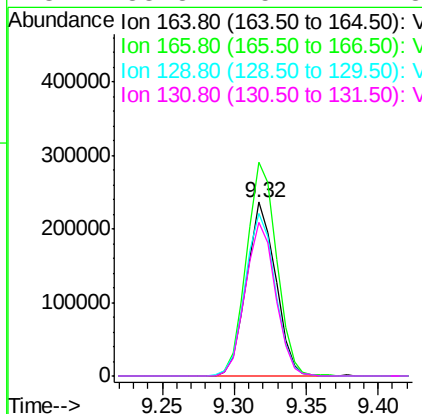
Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:39 PM



#64
Tetrachloroethene
Concen: 48.276 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	100.6	150.8
129	93.2	75.0	112.6
131	88.8	75.2	112.8





#65

Chlorobenzene

Concen: 49.564 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 818011

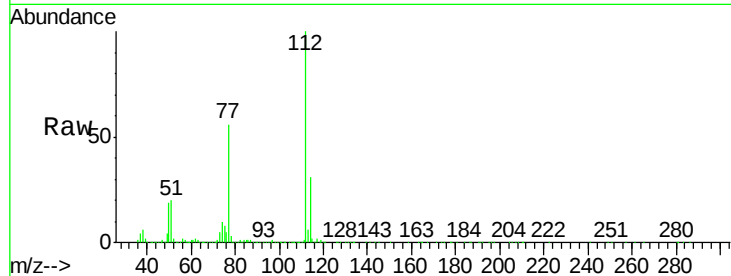
Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5

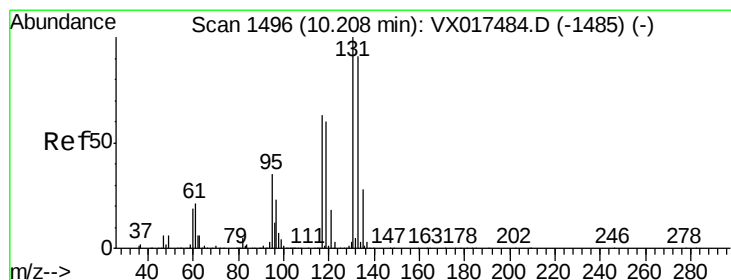
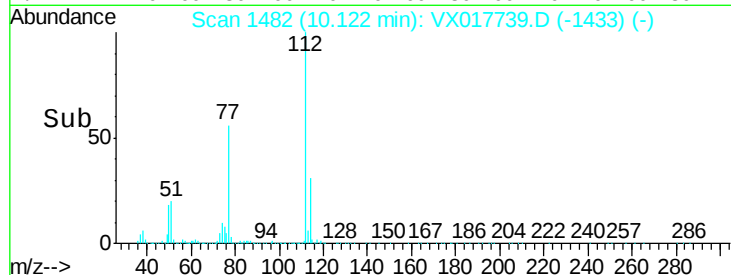
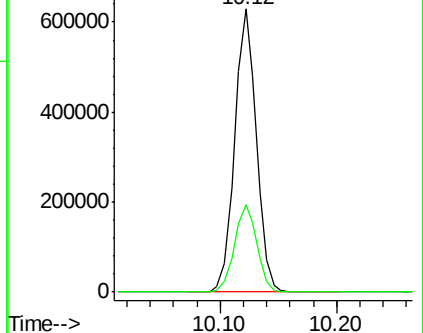
Manual Integrations
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8/3/2020 5:02:39 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.897 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

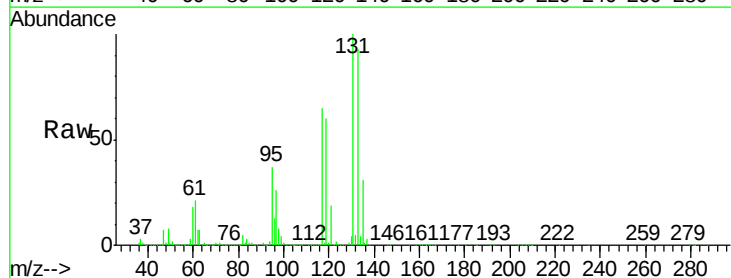
Tgt Ion:131 Resp: 332361

Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

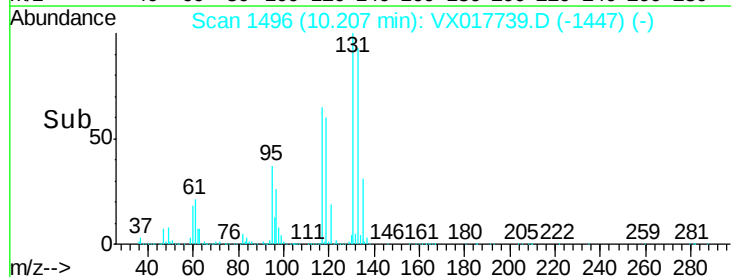
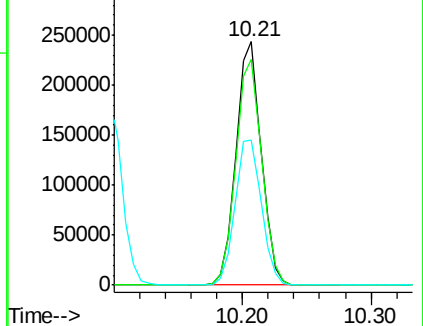
119 62.2 31.1 93.3

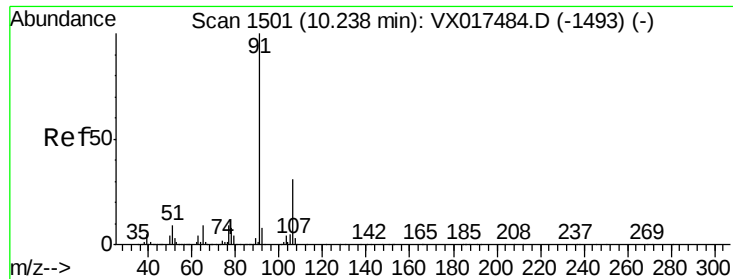


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





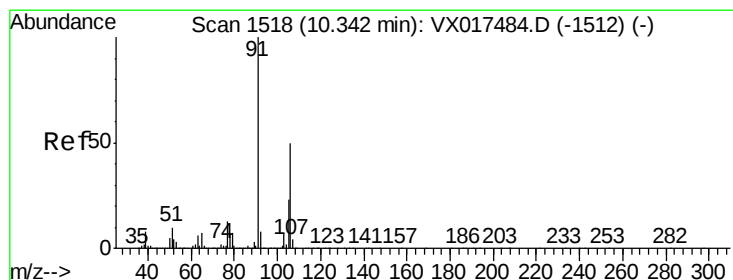
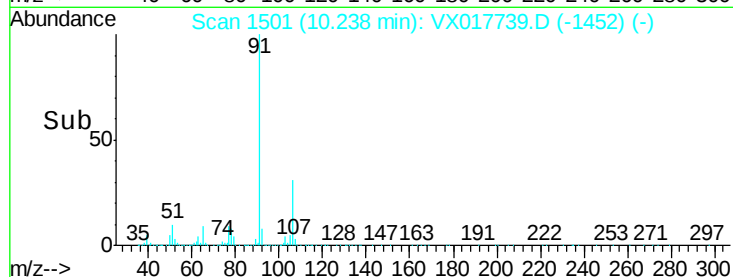
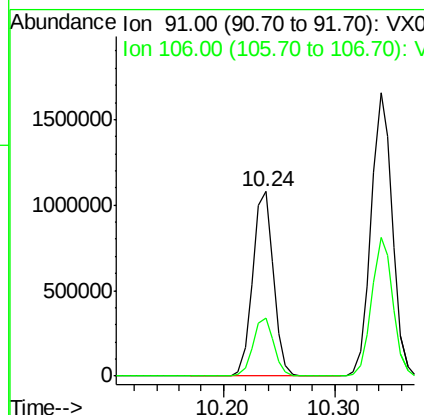
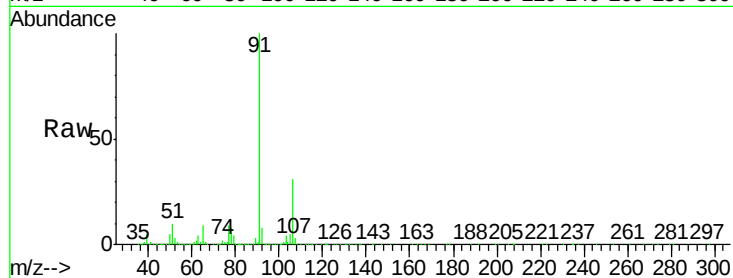
#67
Ethyl Benzene
Concen: 50.631 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1394879
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6

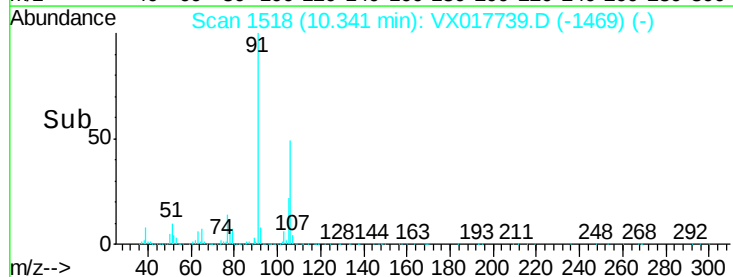
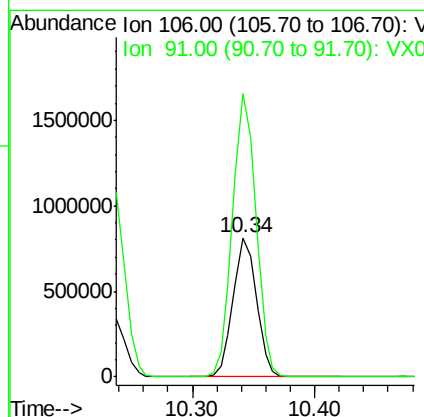
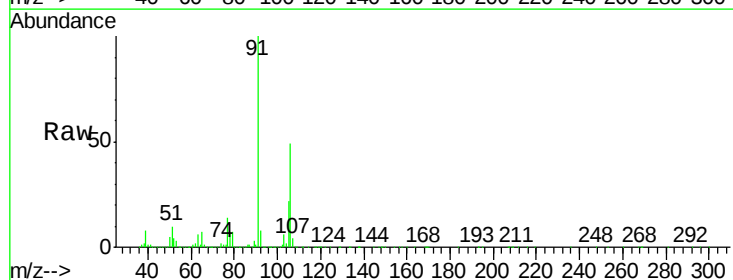
Manual Integrations
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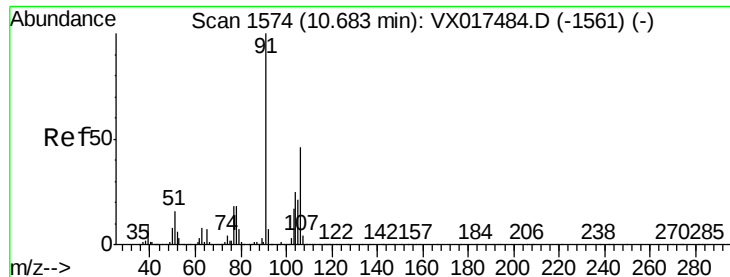
MMDadoda
8/3/2020 5:02:39 PM



#68
m/p-Xylenes
Concen: 100.719 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion: 106 Resp: 1074954
Ion Ratio Lower Upper
106 100
91 204.7 160.9 241.3





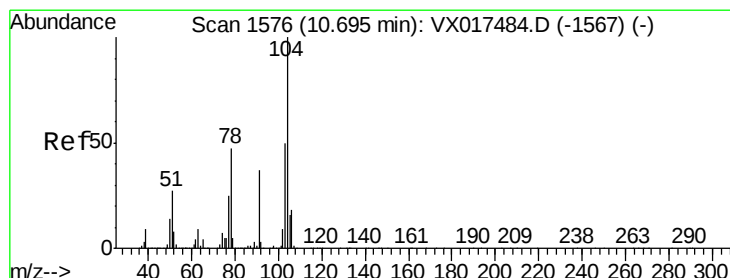
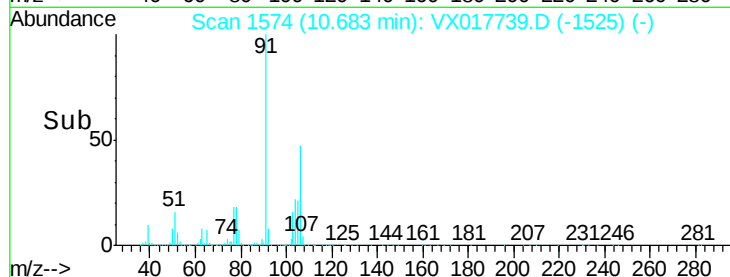
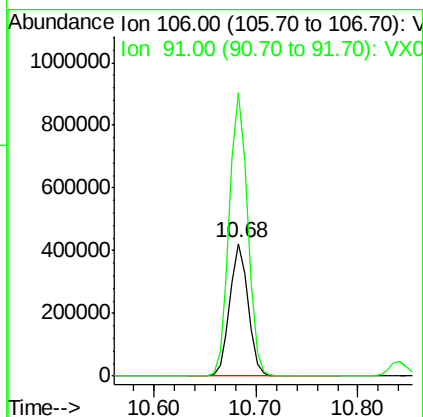
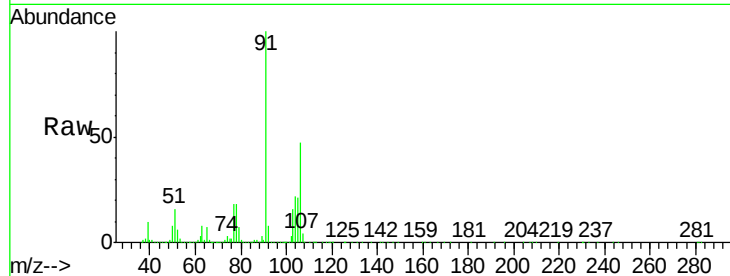
#69
o-Xylene
Concen: 50.615 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.6	108.2	324.6

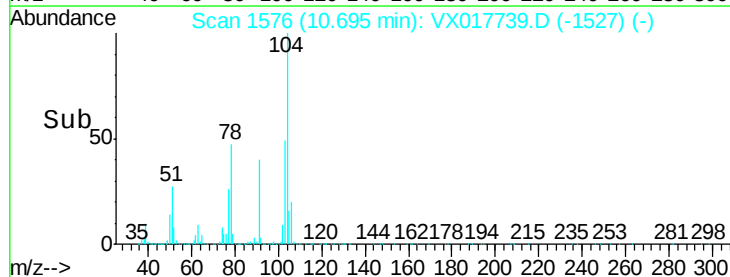
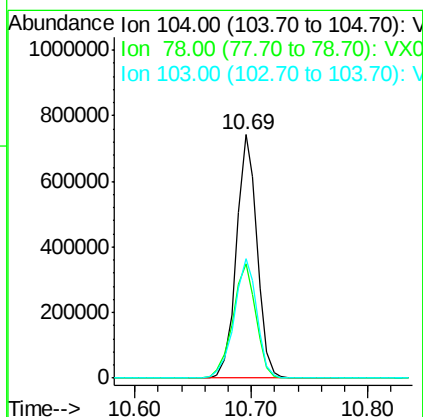
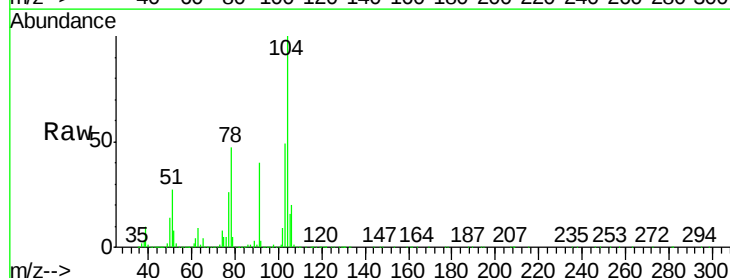
Manual Integrations
APPROVED

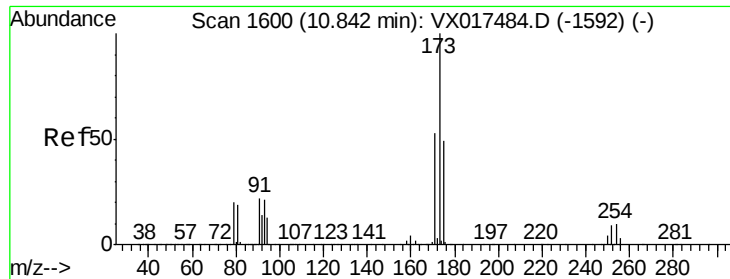
MMDadoda
8/3/2020 5:02:39 PM



#70
Styrene
Concen: 52.439 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.5	63.7
103	54.0	44.3	66.5





#71

Bromoform

Concen: 50.027 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

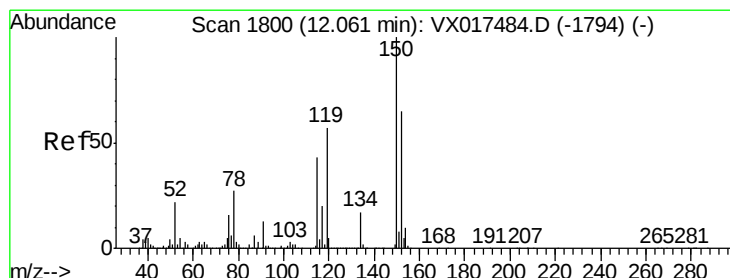
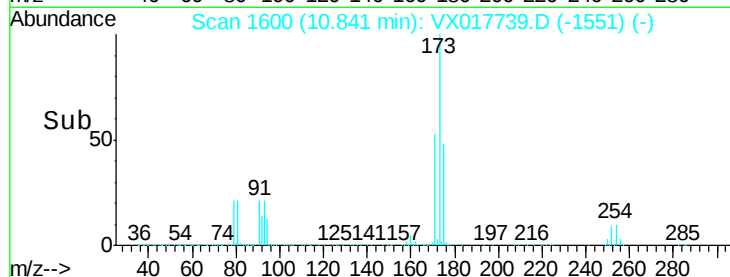
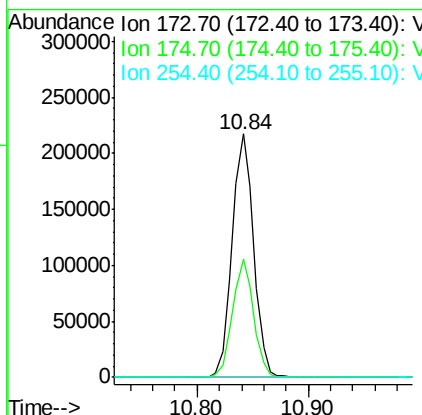
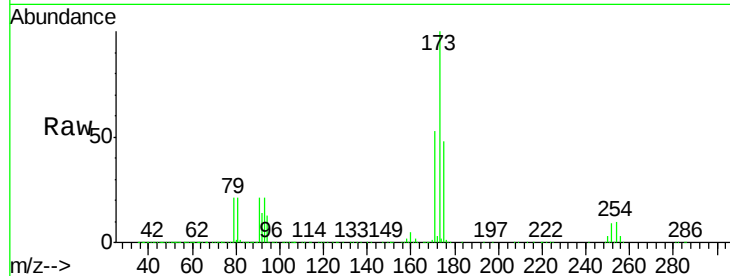
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	288700
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.8	71.5
254	0.1	0.1	0.1#

Manual Integrations
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8/3/2020 5:02:39 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

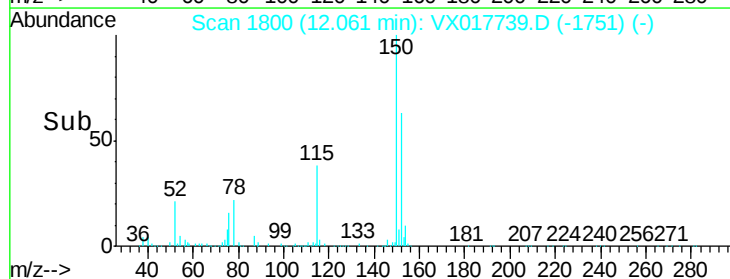
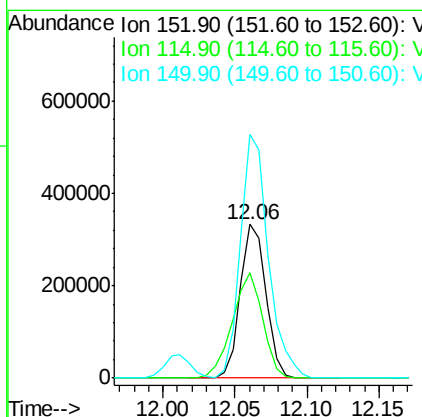
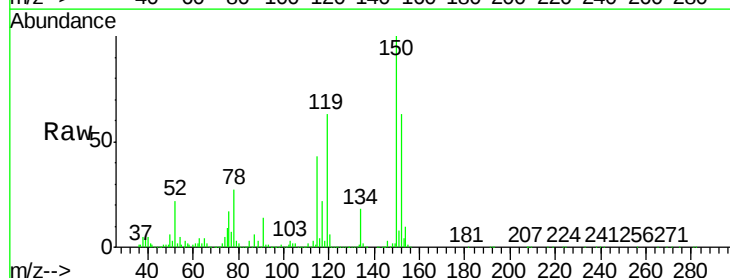
RT: 12.06 min Scan# 1800

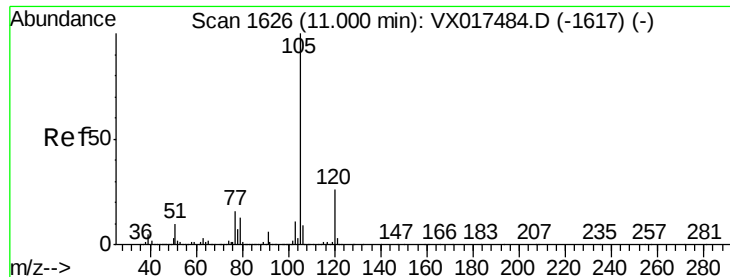
Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	152	Resp:	412609
Ion Ratio	Lower	Upper	
152	100		
115	80.6	65.5	196.6
150	172.4	0.0	412.6





#73

Isopropylbenzene

Concen: 50.124 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1418791

Ion Ratio Lower Upper

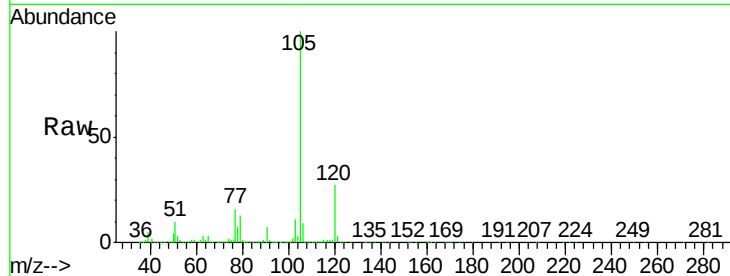
105 100

120 27.1 13.3 39.8

Manual Integrations
APPROVED

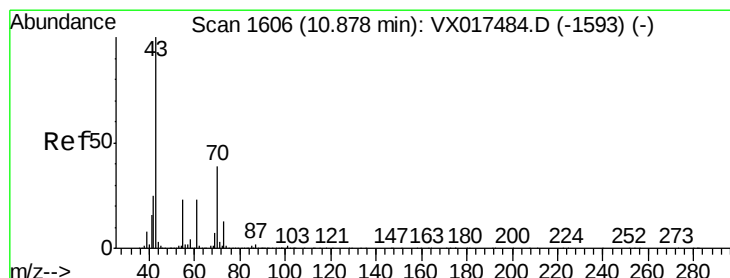
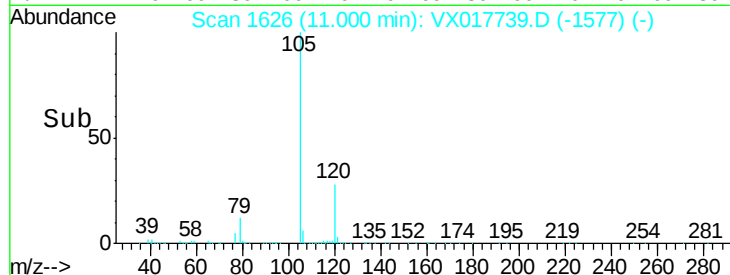
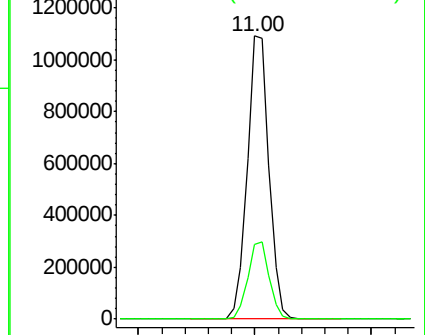
MMDadoda

8/3/2020 5:02:39 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.529 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion: 43 Resp: 610325

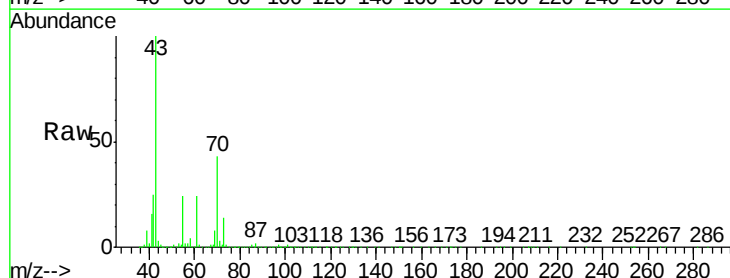
Ion Ratio Lower Upper

43 100

70 41.0 32.3 48.5

55 24.2 18.4 27.6

61 23.2 18.6 28.0

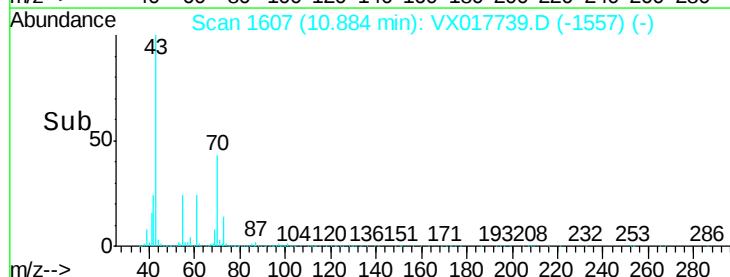
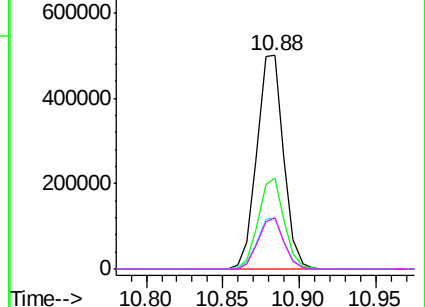


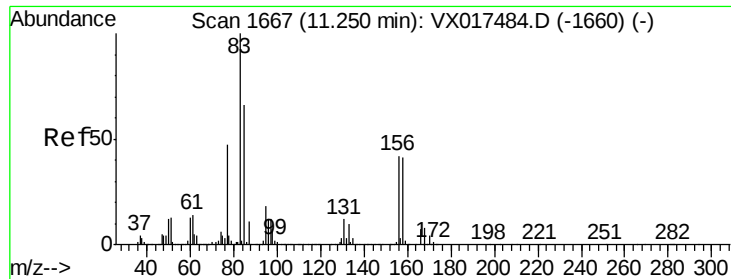
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.328 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 426988

Ion Ratio Lower Upper

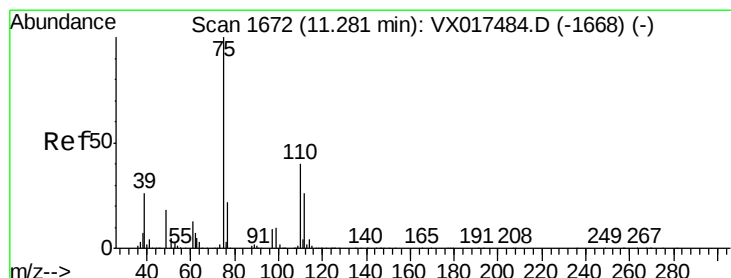
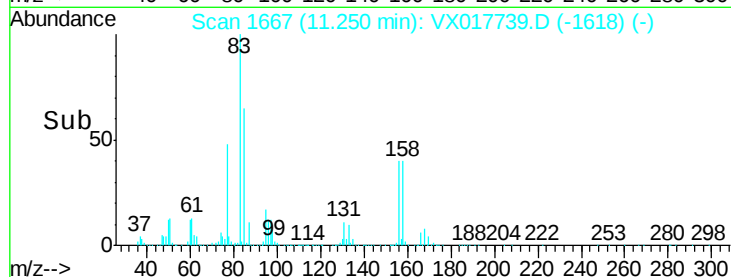
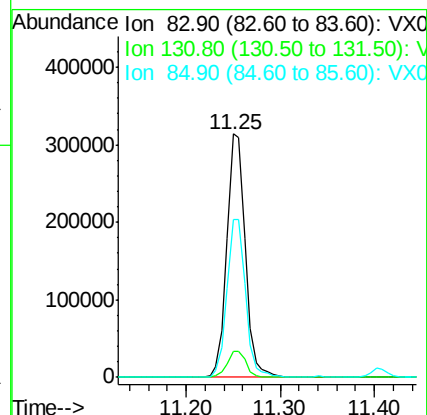
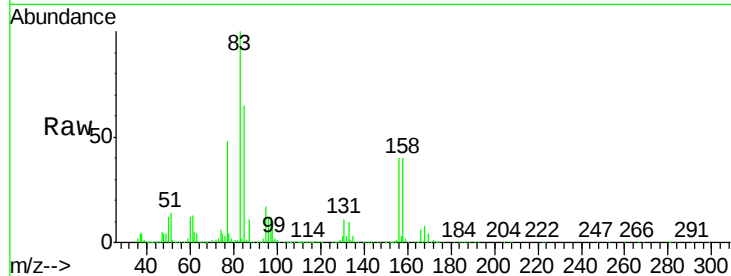
83 100

131 11.1 5.5 16.5

85 65.4 32.1 96.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:39 PM



#76

1,2,3-Trichloropropane

Concen: 48.917 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017739.D

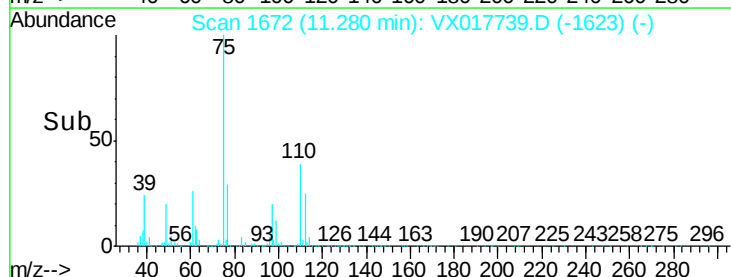
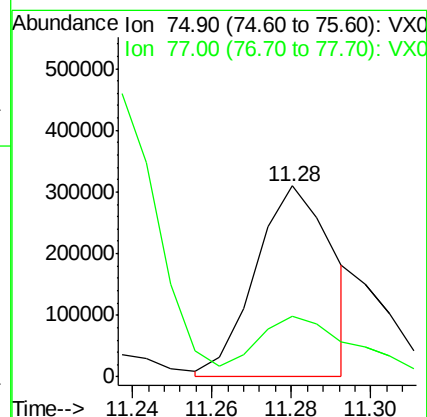
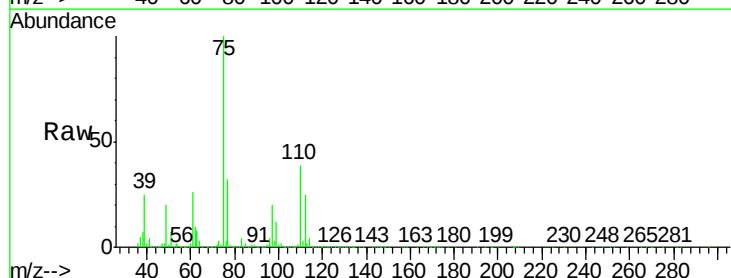
Acq: 01 Aug 2020 06:41

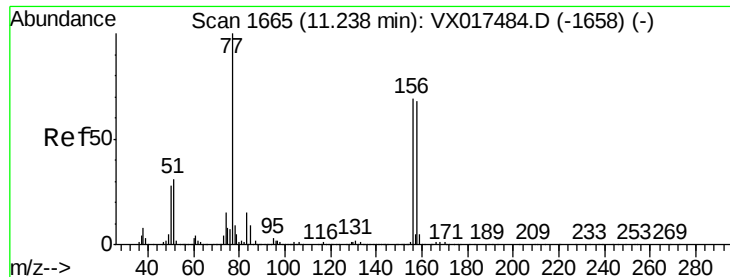
Tgt Ion: 75 Resp: 415189

Ion Ratio Lower Upper

75 100

77 40.2 21.8 65.3





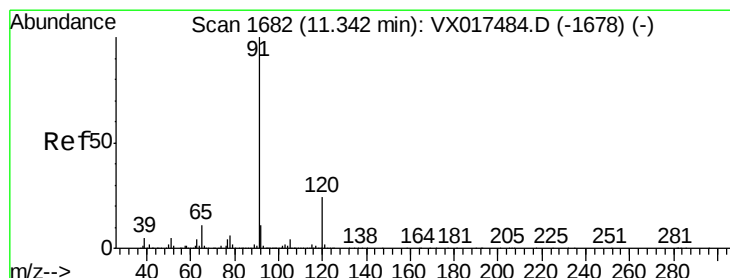
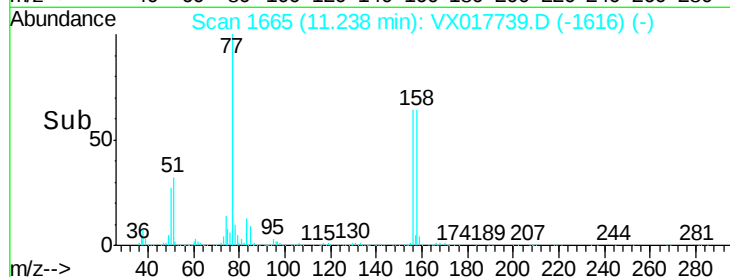
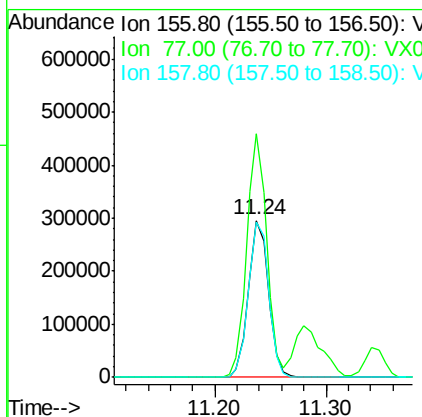
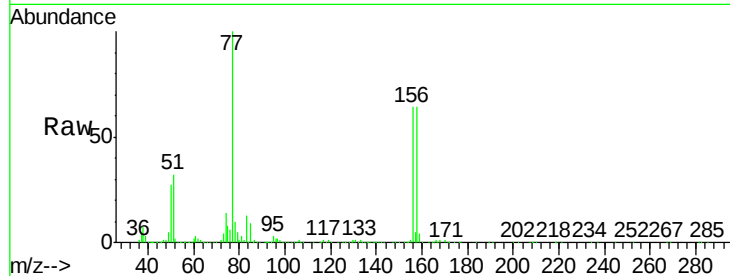
#77
Bromobenzene
Concen: 46.816 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.4	75.0	225.0
158	100.1	49.1	147.3

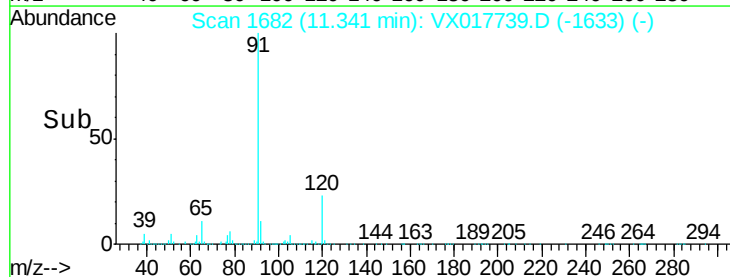
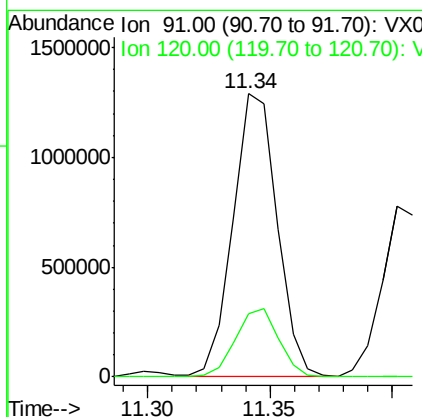
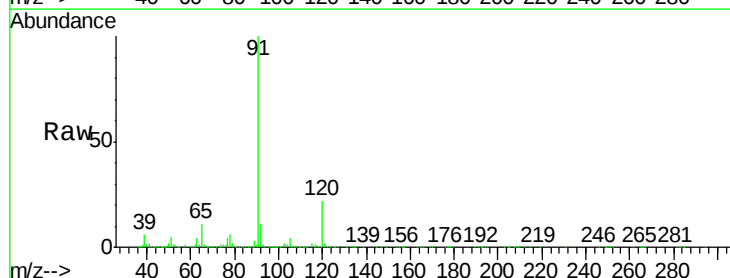
Manual Integrations
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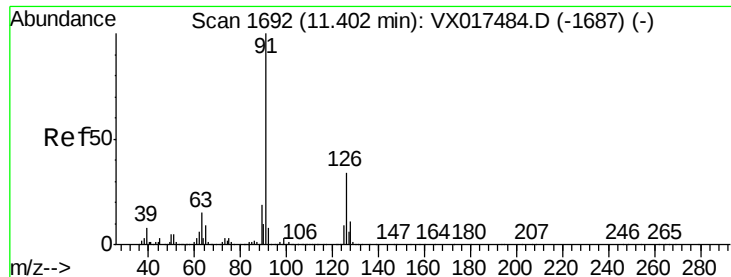
MMDadoda
8/3/2020 5:02:39 PM



#78
n-propylbenzene
Concen: 50.375 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.358 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 976092

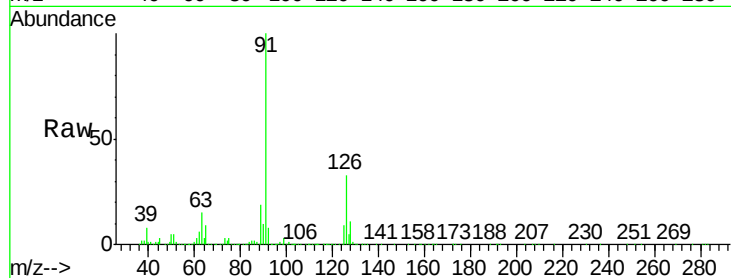
Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017739.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX017739.D (-1643) (-)

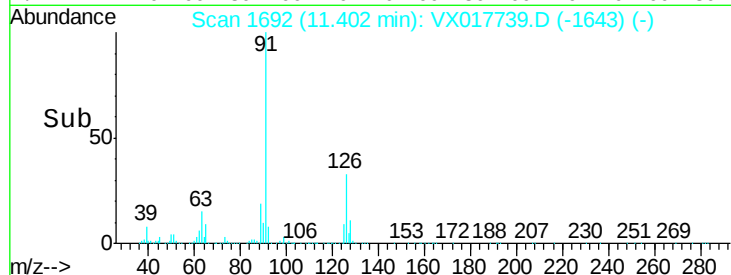
1500000

1000000

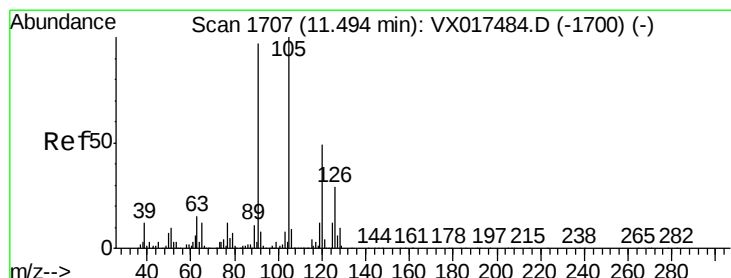
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.010 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017739.D

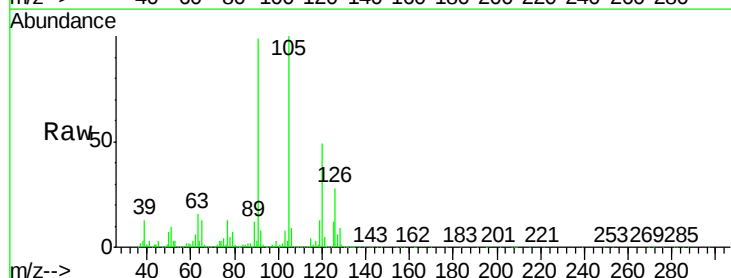
Acq: 01 Aug 2020 06:41

Tgt Ion: 105 Resp: 1184451

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017739.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017739.D (-1658) (-)

1000000

800000

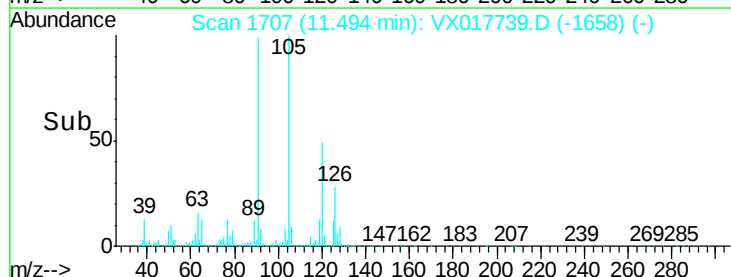
600000

400000

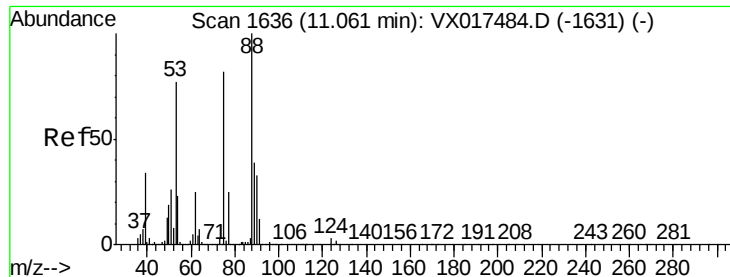
200000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 42.371 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 142722

Ion Ratio Lower Upper

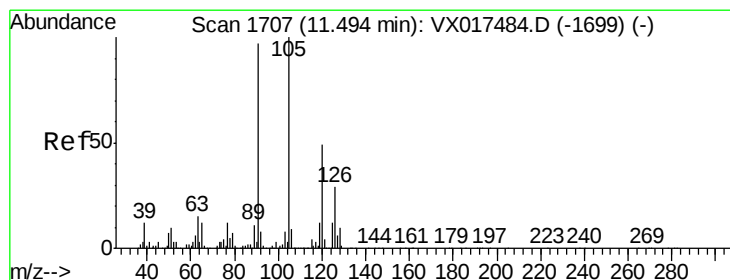
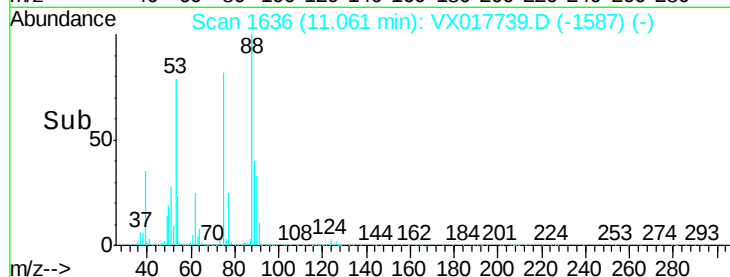
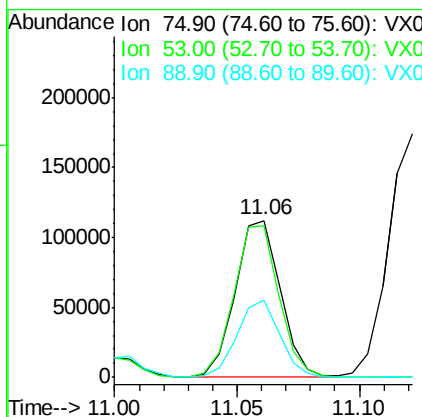
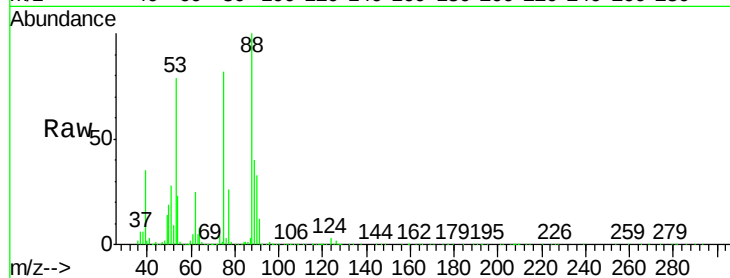
75 100

53 97.1 75.9 113.9

89 47.2 37.8 56.6

Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 49.148 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017739.D

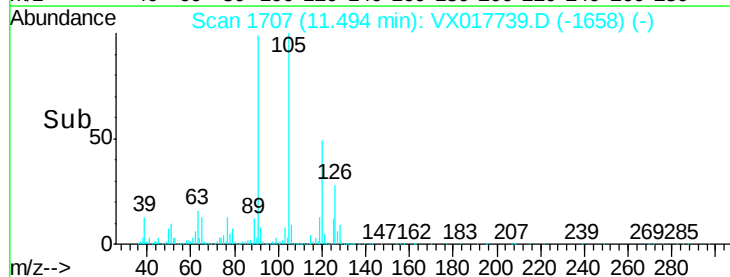
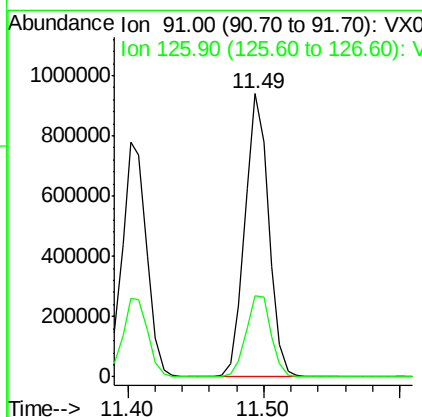
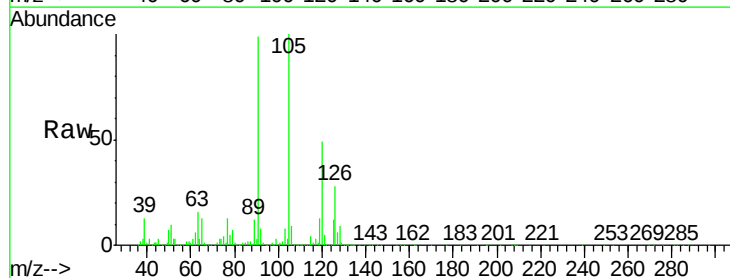
Acq: 01 Aug 2020 06:41

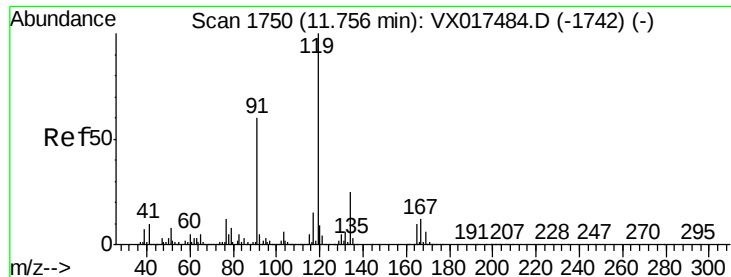
Tgt Ion: 91 Resp: 1146508

Ion Ratio Lower Upper

91 100

126 30.1 15.2 45.6





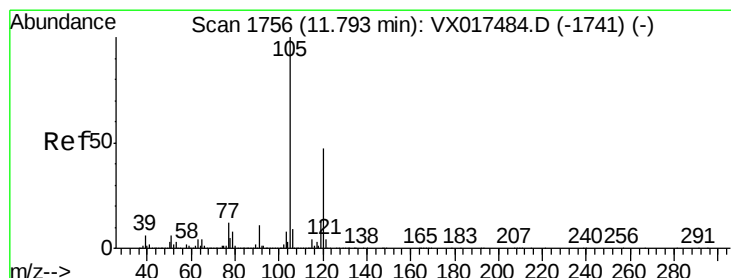
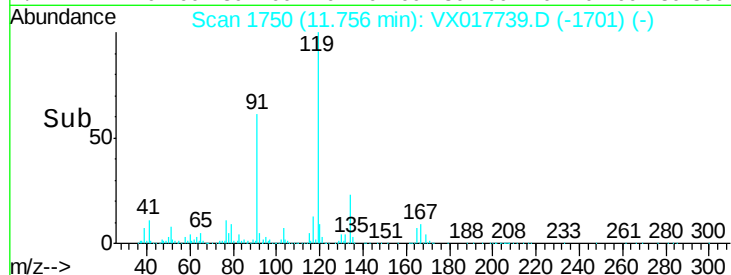
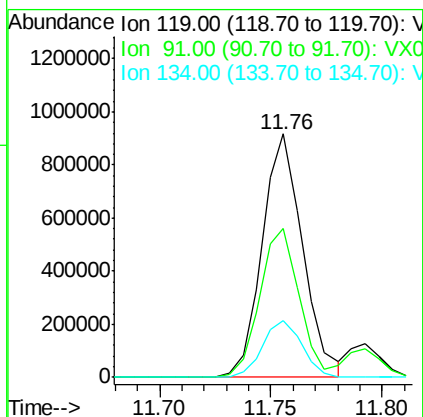
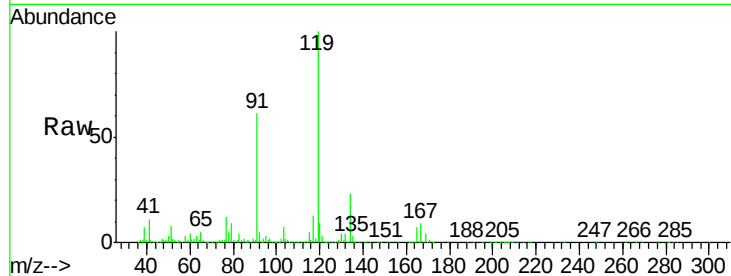
#83
 tert-Butylbenzene
 Concen: 50.079 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.3	88.0
134	22.9	11.2	33.6

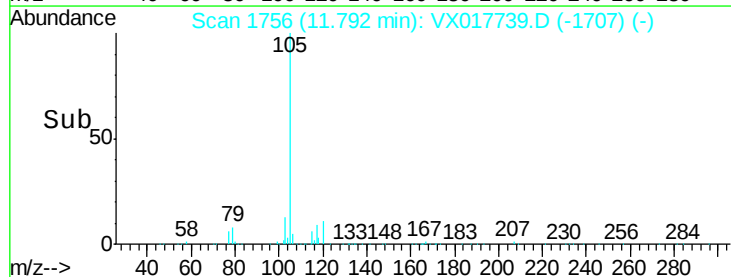
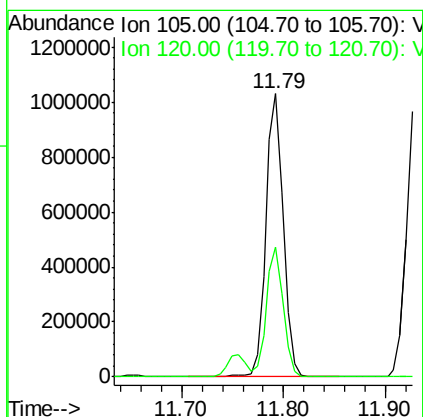
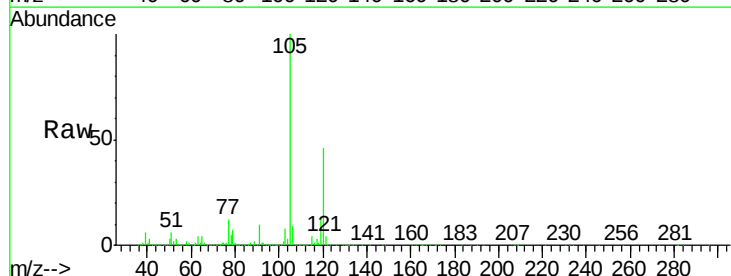
Manual Integrations
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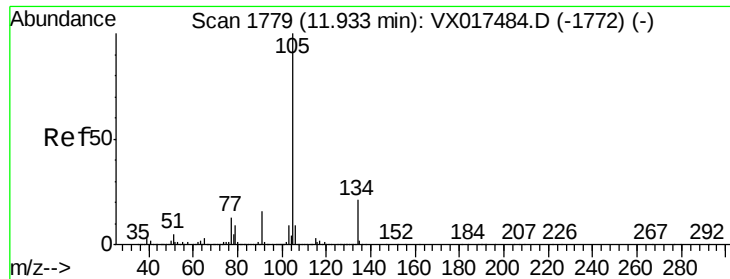
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.814 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.0





#85

sec-Butylbenzene

Concen: 50.187 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1351989

Ion Ratio Lower Upper

105 100

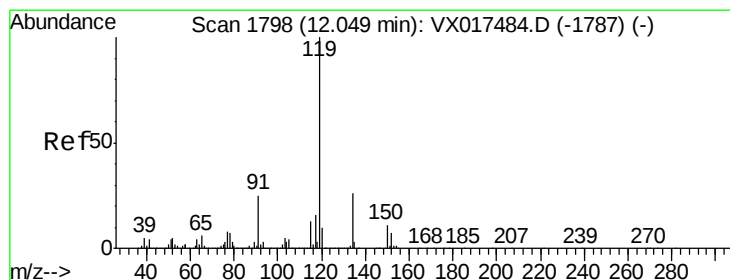
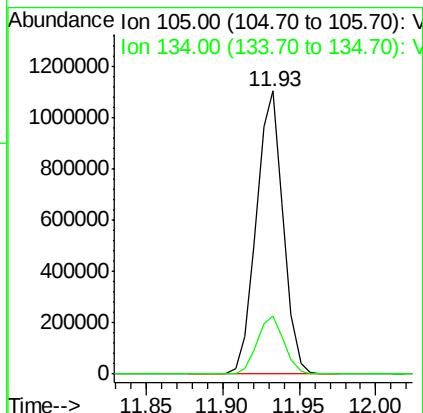
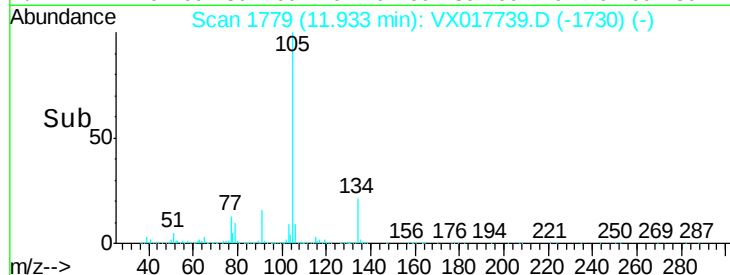
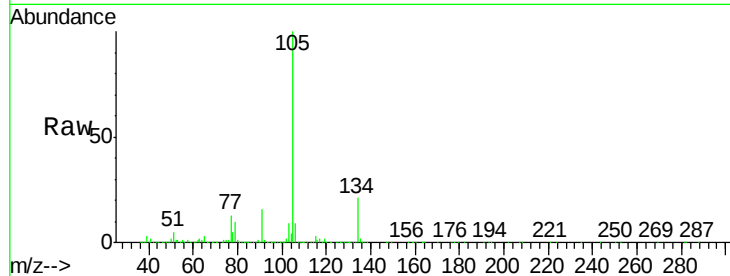
134 20.6 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.276 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

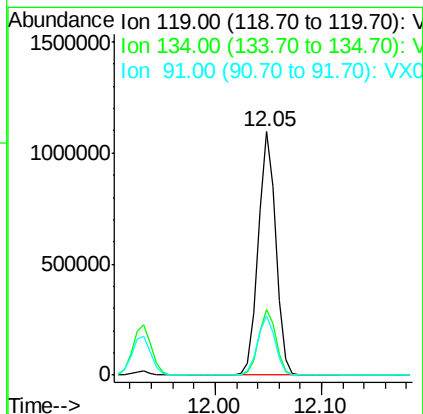
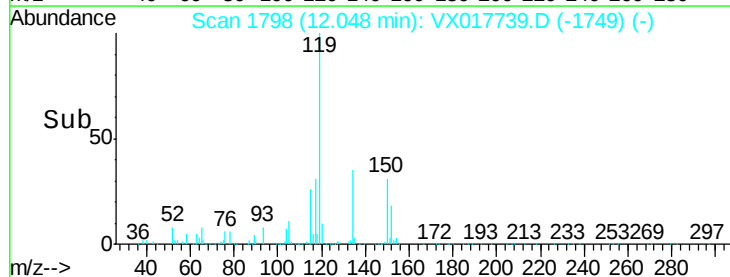
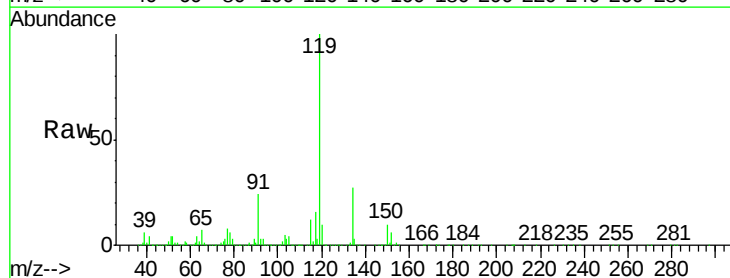
Tgt Ion:119 Resp: 1264119

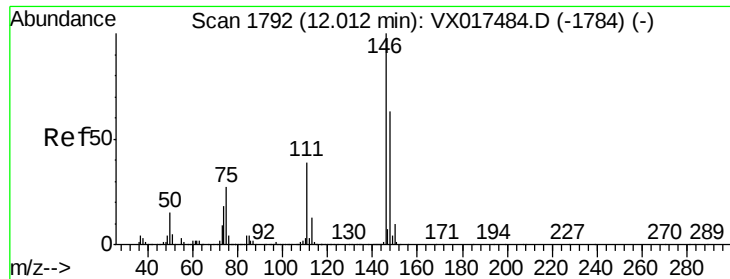
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 24.2 12.1 36.3





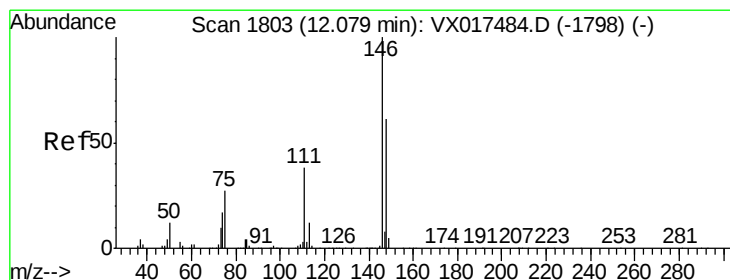
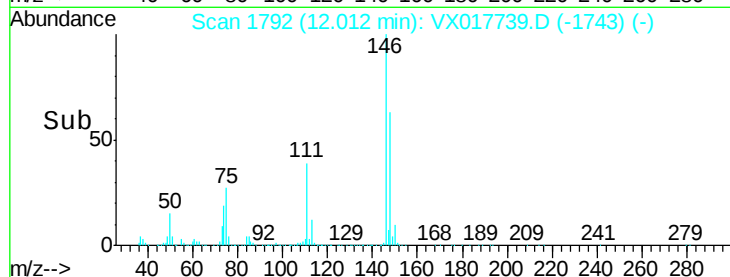
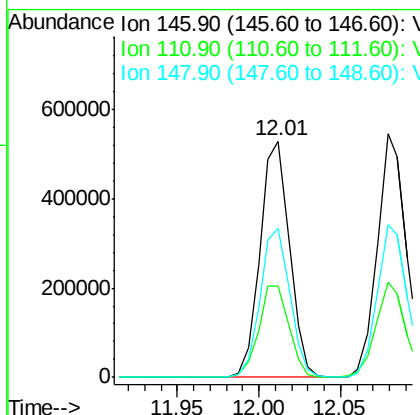
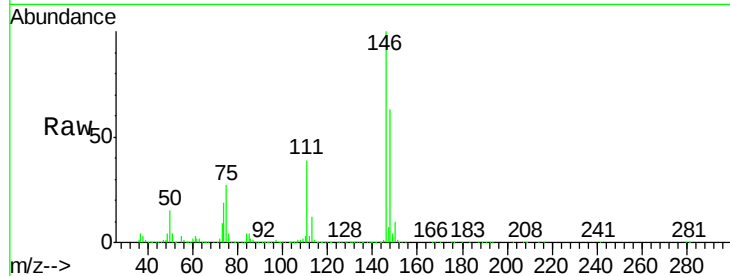
#87
 1,3-Dichlorobenzene
 Concen: 48.863 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.6	31.6	95.0

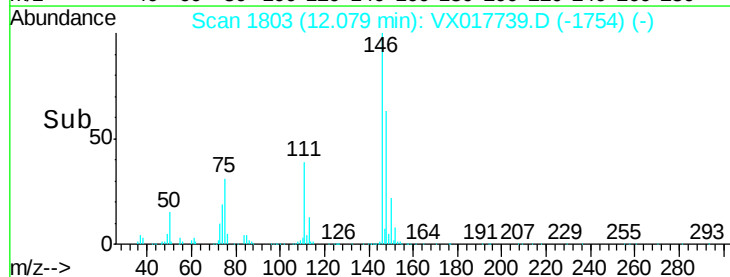
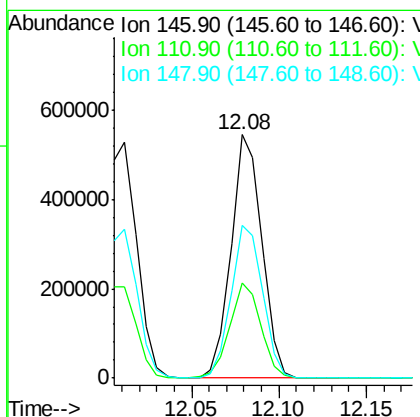
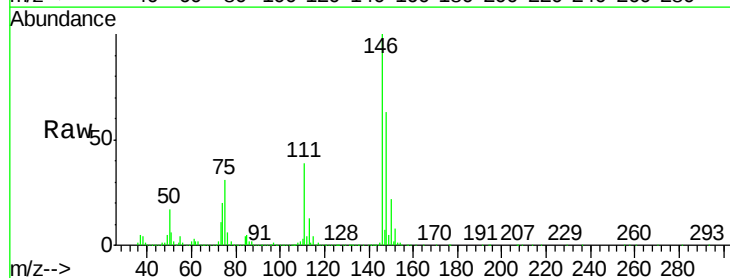
Manual Integrations
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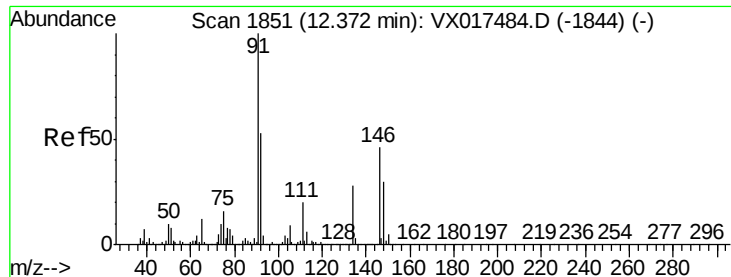
MMDadoda
 8/3/2020 5:02:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.404 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017739.D
 Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.8
148	64.1	32.2	96.6





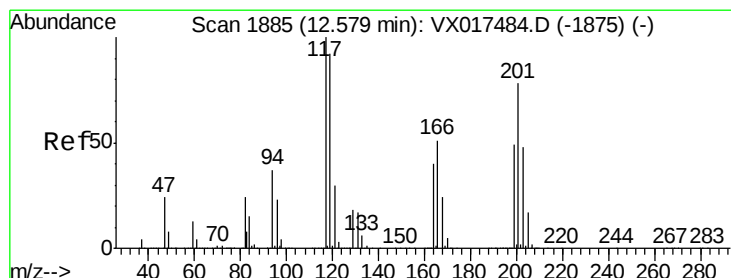
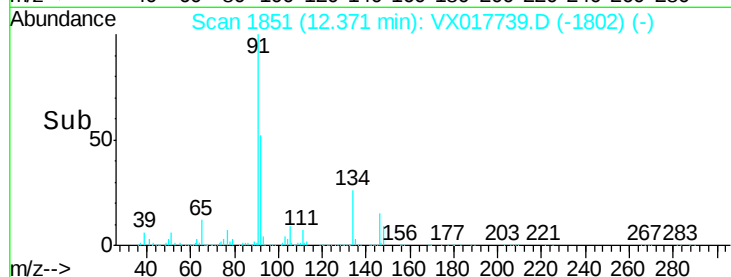
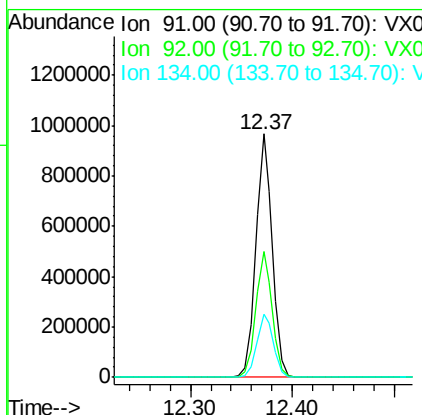
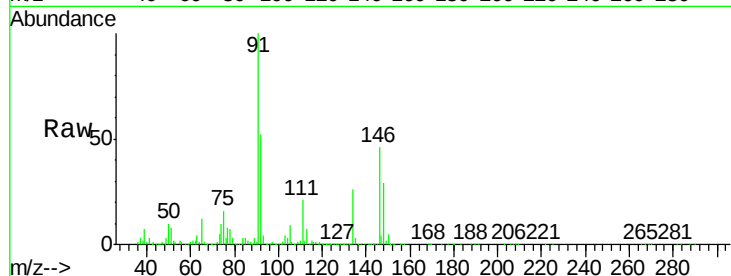
#89
n-Butylbenzene
Concen: 47.784 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.7	80.1
134	26.6	13.6	40.7

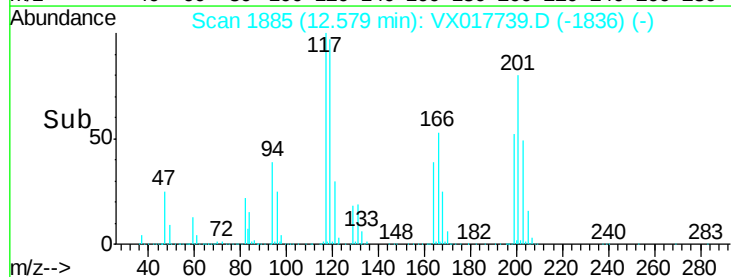
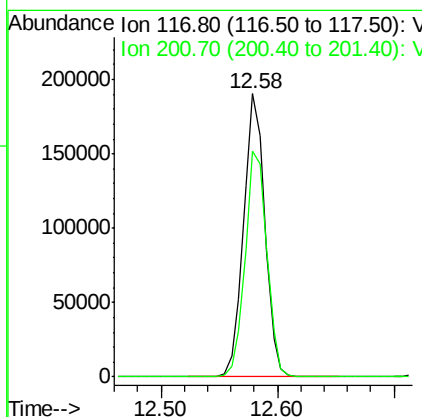
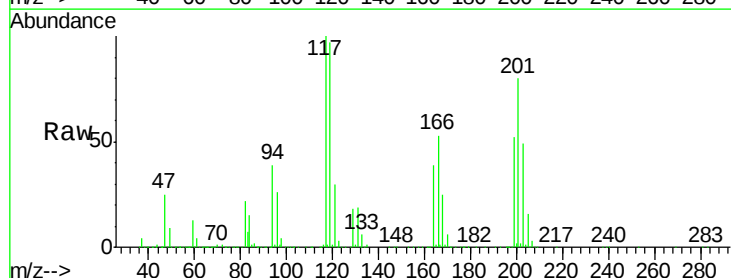
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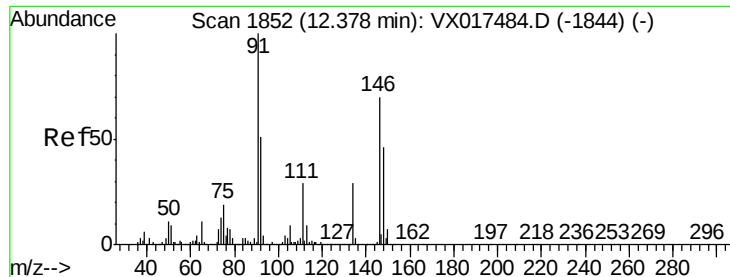
MMDadoda
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#90
Hexachloroethane
Concen: 48.088 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 47.642 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Instrument :

MSVOA_X

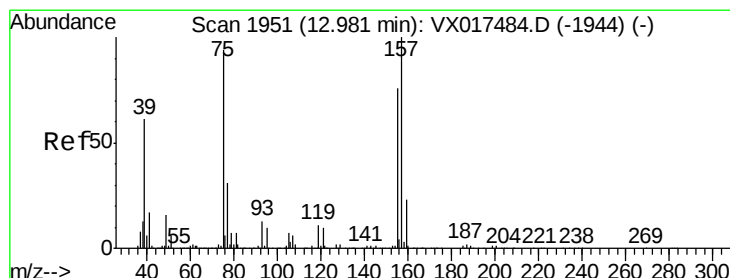
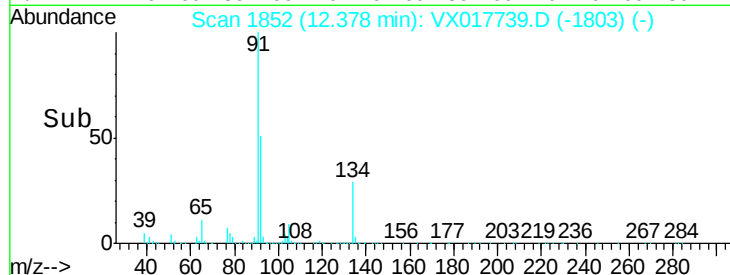
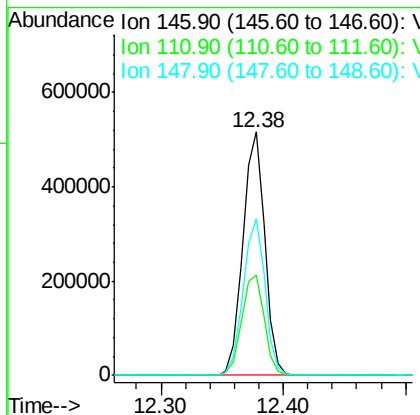
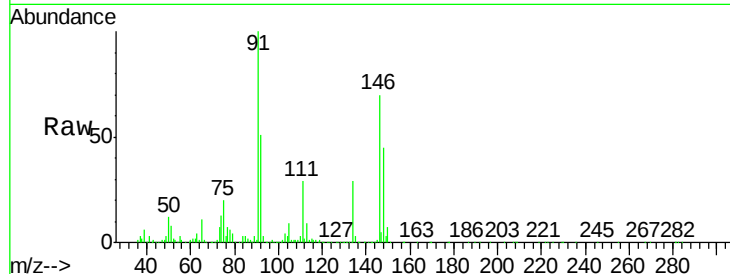
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	637174
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.9	62.8
148	64.4	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.055 ug/l

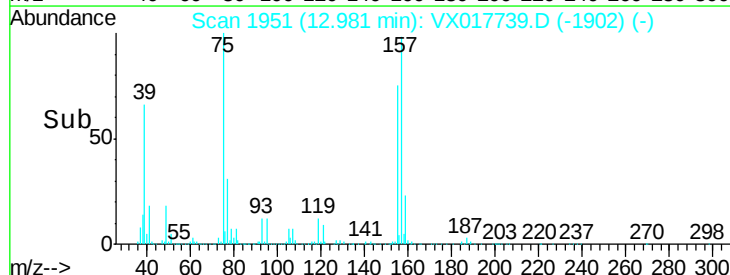
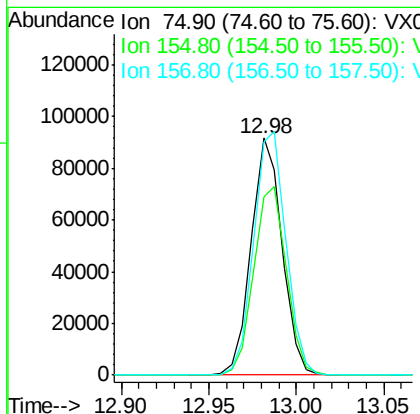
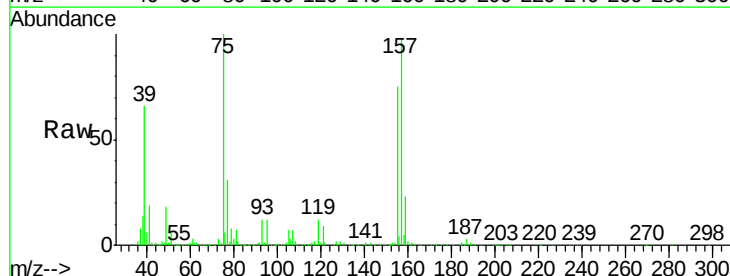
RT: 12.98 min Scan# 1951

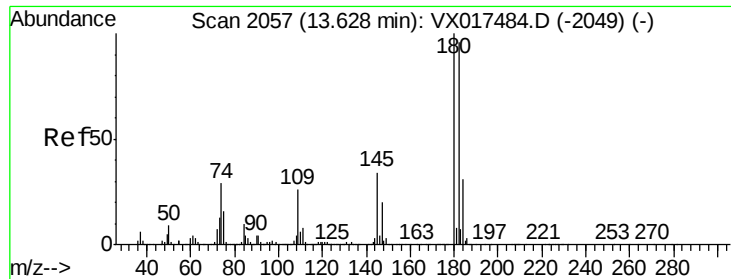
Delta R.T. 0.00 min

Lab File: VX017739.D

Acq: 01 Aug 2020 06:41

Tgt Ion:	75	Resp:	111903
Ion Ratio	Lower	Upper	
75	100		
155	84.7	42.3	126.8
157	107.8	54.3	162.9





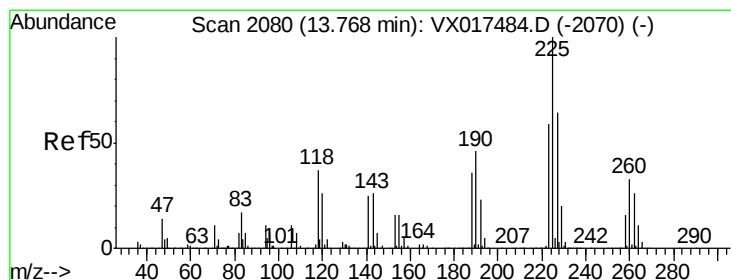
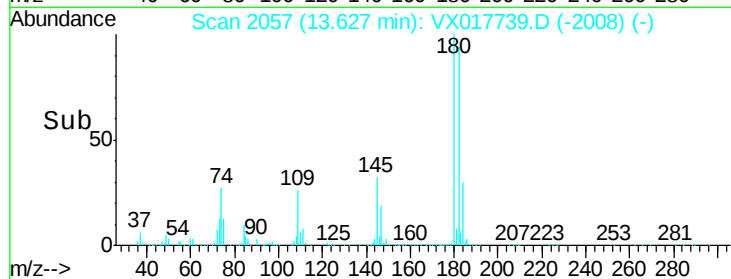
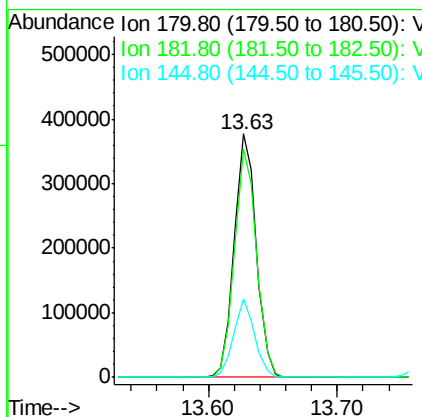
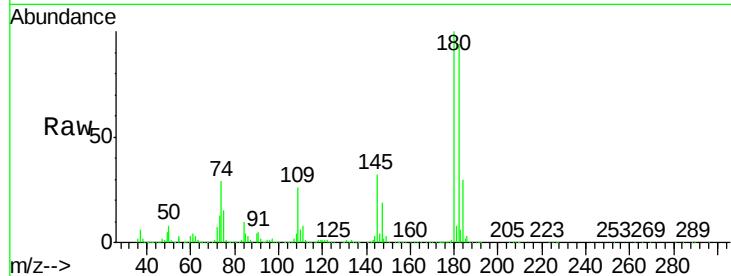
#93
1,2,4-Trichlorobenzene
Concen: 49.297 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	30.9	15.4	46.4

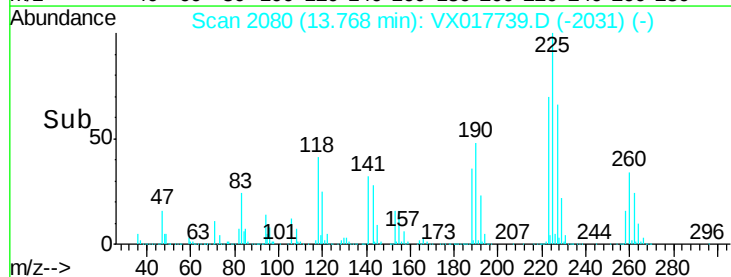
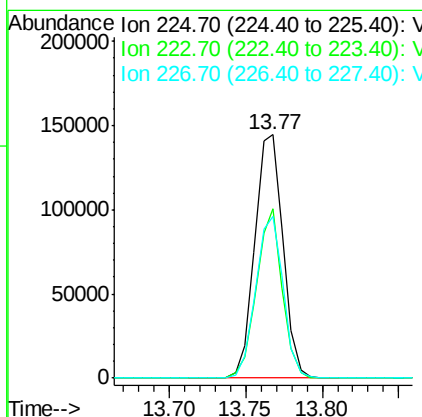
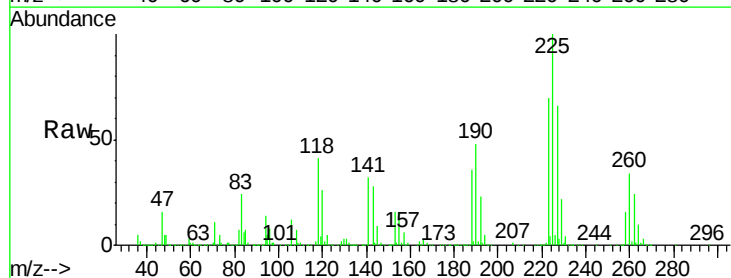
Manual Integrations
APPROVED

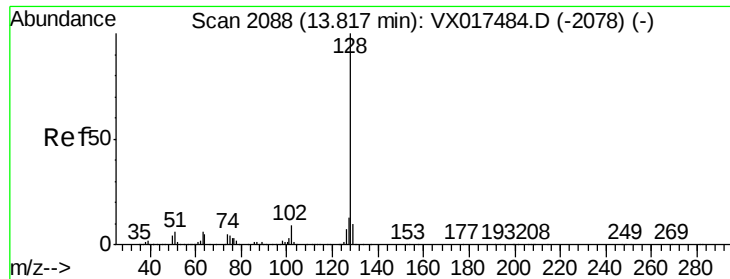
MMDadoda
8/3/2020 5:02:39 PM



#94
Hexachlorobutadiene
Concen: 44.113 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.3	90.9
227	64.7	31.1	93.2





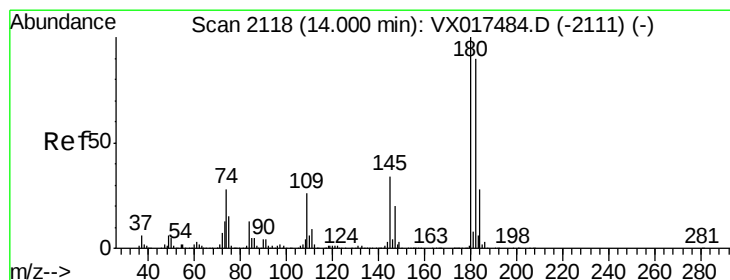
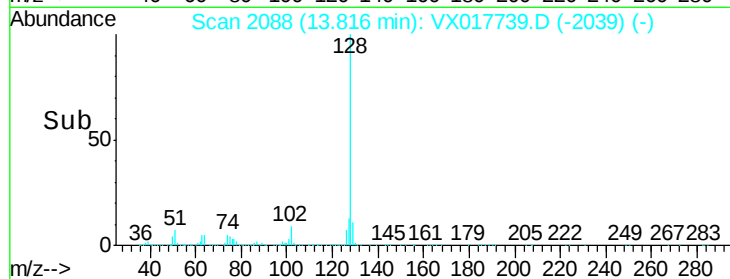
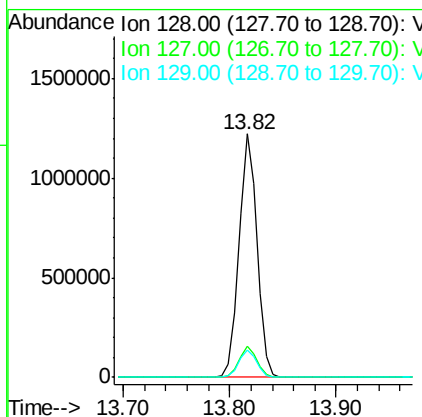
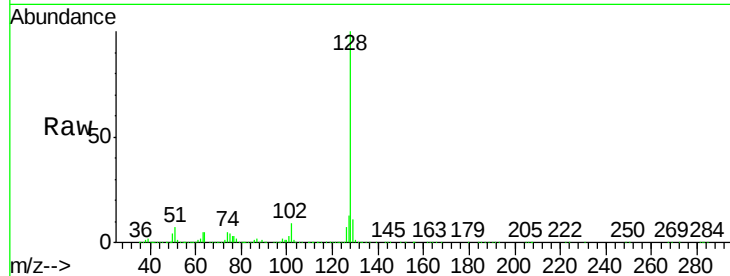
#95
Naphthalene
Concen: 53.252 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.159 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017739.D
Acq: 01 Aug 2020 06:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	32.3	16.3	48.9

